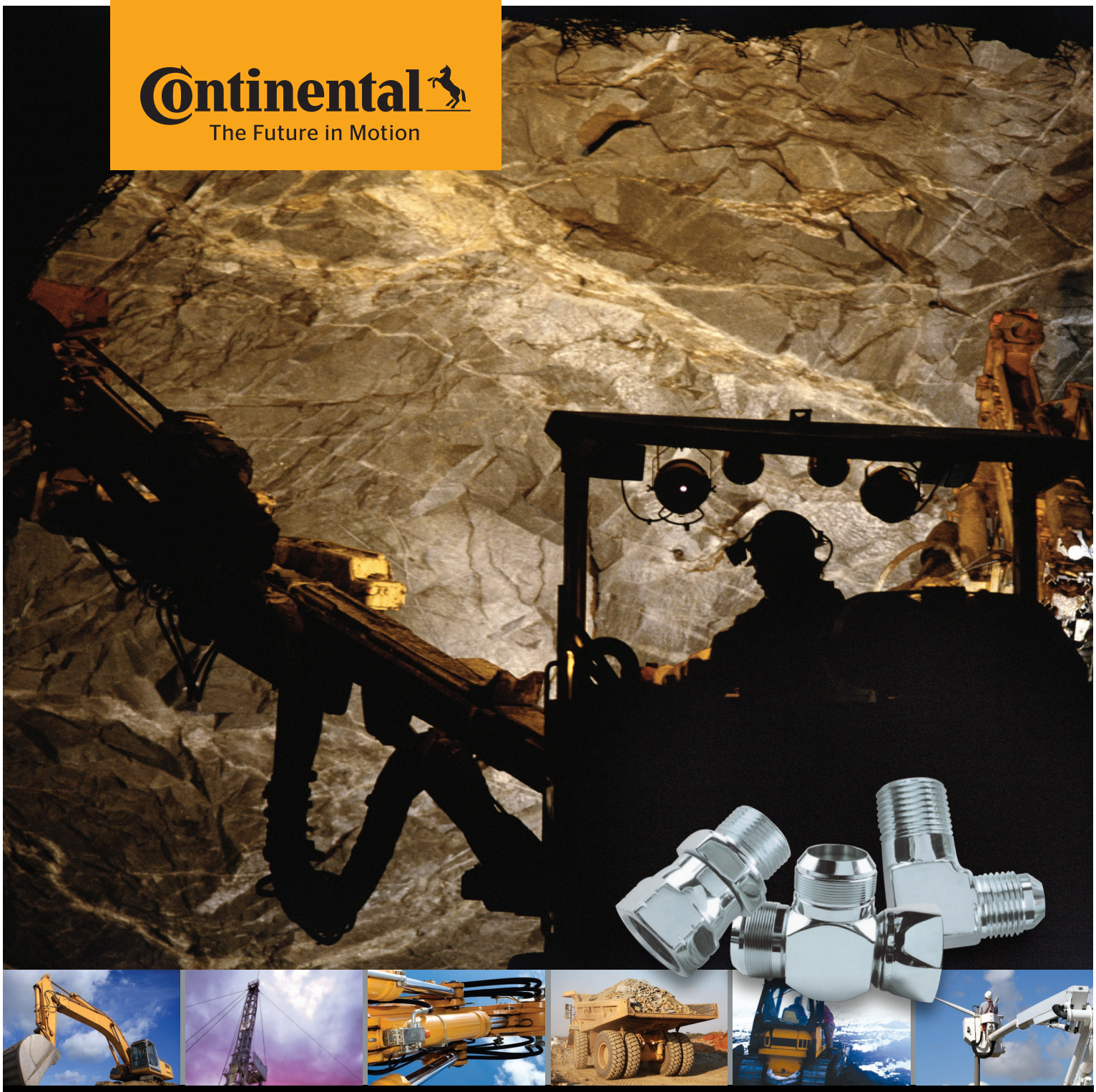
Continental
The Future in Motion



Hydraulics
Adapters

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ContiTech

Hydraulic Adapters Nomenclature

Thread Type	Family	Thread Family Description	Gender	Swivel	Attribute
ABCT	ABCT	Air Brake Compression Tube			
ABCTI	ABCT				I=Insert
ABCTN	ABCT				N=Nut
ABCTS	ABCT				S=Sleeve
ABPT	ABPT	Air Brake Push-In Tube			
BPBLN	BP	BSPP (British Stand Pipe Parallel)			BLN=Bulkhead Lock Nut
BPBS	BP				BS=Bonded Seal
BPF	BP		F		
BPFEB	BP		F		EB=Extended Bushing
BPFRB	BP		F		RB=Reducer Bushing
BPFX	BP		F	X	
BPFXC	BP		F	X	C=Cap
BPHHP	BP				HHP=Hollow Hex Plug
BPM	BP		M		
BPMB	BP		M		B=Bulkhead
BPMHN	BP		M		HN=Hex Nipple
BPMX	BP		M	X	
BPP	BP				P=Plug
BTFRB	BT	BSPT (British Standard Pipe Tapered)	F		RB=Reducer Bushing
BTHHP	BT				HHP=Hollow Hex Plug
BTM	BT		M		
BTMHN	BT		M		HN=Hex Nipple
BTP	BT				P=Plug
CT	CT	Compression Tube			
CTB	CT				B=Bulkhead
CTBLN	CT				BLN=Bulkhead Lock Nut
CTC	CT				C=Cap
CTN	CT				N=Nut
CTS	CT				S=Sleeve
CTX	CT			X	
DHFX	DH	DIN Heavy	F	X	
DHM	DH		M		
DLFX	DL	DIN Light	F	X	
DLM	DL		M		
FH	FH	Code 62 Flange (SAE J518)			
FHP	FH				P=Plug
FL	FL	Code 61 Flange (SAE J518)			
HM	HM	Hose Mender			

Thread Type	Family	Thread Family Description	Gender	Swivel	Attribute
JCC	JC	JIC 37° Flare (SAE J514)			C=Cap
JCF	JC		F		
JCFBLN	JC		F		BLN=Bulkhead Lock Nut
JCFX	JC		F	X	
JCM	JC		M		
JCMB	JC		M		B=Bulkhead
JCMRE	JC		M		RE=Reducer Expander
JCP	JC				P=Plug
JCTN	JC				TN=Tube Nut
JCTNL	JC				TNL=Tube Nut, Long
JCTS	JC				TS=Tube Sleeve
JSC	JS	JIS 30° (Parallel Pipe Threads)			C=Cap
JSF	JS		F		
JSM	JS		M		
JSP	JS				P=Plug
KMC	KM	Japanese Komatsu® 30° Metric Threads			C=Cap
KMF	KM		F		
KMM	KM		M		
KMP	KM				P=Plug
MCS	MC	Metric Compression			S=Sleeve
MHT	MH	Metric Heavy			T=Tube Coupling
MHTC	MH				TC=Tube Cap
MHTN	MH				TN=Tube Nut
MHTP	MH				TP=Tube Plug
MLFX	ML	Metric Light	F	X	
MLT	ML				T=Tube Coupling
MLTC	ML				TC=Tube Cap
MLTN	ML				TN=Tube Nut
MLTP	ML				TP=Tube Plug
MLLCR	MLL	Metric Extra Light			CR=Cutting Ring
MLLTN	MLL				TN=Tube Nut
MPHHP	MP	Metric Port			HHP=Hollow Hex Plug
MPHHPF	MP				HHPF=Hollow Hex Plug, Flush
MPM	MP		M		
MPP	MP				P=Plug
MS	MS	Metric Stand Pipe			

Thread Type	Family	Thread Family Description	Gender	Swivel	Attribute
NPBVP	NP	NPTF			BVP=Breather Vent Plug
NPC	NP				C=Cap
NPF	NP		F		
NPFB	NP		F		B=Bulkhead
NPFEX	NP		F		EX=Expander/ Extender
NPFNV	NP		F		NV=Needle Valve
NPFRB	NP		F		RB=Reducer Bushing
NPFRBSH	NP		F		RBSH=Reducer Bushing, Short Hex
NPHHP	NP				HHP=Hollow Hex Plug
NPM	NP		M		
NPMCN	NP		M		CN=Close Nipple
NPMDCAB	NP		M		DCAB=Drain Cock, Angle Bib
NPMDCES	NP		M		DCES=Drain Cock, External Seat
NPMDCESS	NP		M		DCESS=Drain Cock, External Seat
NPMDCIS	NP		M		DCIS=Drain Cock, Internal Seat
NPMD-CISTH	NP		M		DCISTH=Drain Cock, Internal Seat, Tee Handle
NPMHN	NP		M		HN=Hex Nipple
NPMNL	NP		M		NL=Nipple, Long
NPMX	NP		M	X	
NPP	NP				P=Plug
NPSHP	NP				SHP=Square Head Plug
NPSP	NP				SP=Slotted Plug
NSFX	NS	NPSM	F	X	

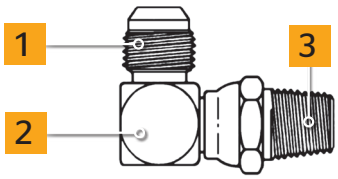
Thread Type	Family	Thread Family Description	Gender	Swivel	Attribute
OBF	OB	O-Ring Boss Straight Thread (SAE J514)	F		
OBFRE	OB		F		RE=Reducer Expander
OBHHP	OB				HHP=Hollow Hex Plug
OBM	OB		M		
OBMX	OB		M	X	
OBP	OB				P=Plug
OFBLN	OF	O-Ring Face Seal (SAE J1453 ORS/ ORFS)			BLN=Bulkhead Lock Nut
OFBS	OF				BS=Brazed Sleeve
OFC	OF				C=Cap
OFFX	OF		F	X	
OFM	OF		M		
OFMB	OF		M		B=Bulkhead
OFP	OF				P=Plug
OFTN	OF				TN=Tube Nut
PB	PB	Push-On Brass Fitting			
PPT	PPT	Poly Push-In Tube Fitting			
SFC	SF	SAE 45° J512 Flare			C=Cap
SFFX	SF		F	X	
SFM	SF		M		
SFNL	SF				NL=Nut, Long
SFNS	SF				NS=Nut, Short
SFP	SF				P=Plug
SIF	SI	SAE 45° Inverted Flare	F		
SIM	SI		M		
SIMN	SI		M		N=Nut
SIP	SI				P=Plug
ST	ST	Steel Tube			

Additional Prefix & Suffix

45 = 45° Elbow
90 = 90° Elbow
90B = 90° Block Elbow
90C = 90° Compact Elbow
L = Long
LL = Extra Long
LLL = Extra Extra Long
LH = Large Hex
LS = Live Swivel
LSS = Double Live Swivel
XL = Extra Long
XXL = Extra Extra Long
B = Brass
SS = Stainless Steel

JCM-NPMX-90

1. JCM = JIC 37° Flare - Male
2. 90 = 90° Elbow
3. NPMX = NPTF-Male Swivel



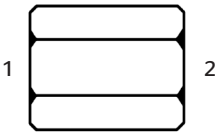
BSPP, Bulkhead Locknut

Descriptive #	Product #	SAP #	Thread Size BPF
BPBLN02	70094-0002	20471440	1/8-28
BPBLN04	70094-0004	20471441	1/4-19
BPBLN06	70094-0006	20471442	3/8-19
BPBLN08	70094-0008	20471443	1/2-14
BPBLN10	70094-0010	20471444	5/8-14
BPBLN12	70094-0012	20471445	3/4-14
BPBLN16	70094-0016	20471446	1-11
BPBLN20	70094-0020	20471447	1¼-11
BPBLN24	70094-0024	20471448	1½-11

BSPP, Bonded Seal

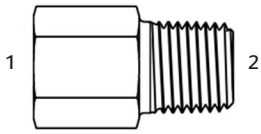
Descriptive #	Product #	SAP #	BSPP Size
BPBS02	70095-0002	20354968	1/8-28
BPBS04	70095-0004	20354957	1/4-19
BPBS06	70095-0006	20354959	3/8-19
BPBS08	70095-0008	20354960	1/2-14
BPBS10	70095-0010	20354961	5/8-14
BPBS12	70095-0012	20354962	3/4-14
BPBS16	70095-0016	20354965	1-11
BPBS20	70095-0020	20354966	1¼-11
BPBS24	70095-0024	20354967	1½-11

BSPP, Female – BSPP, Female



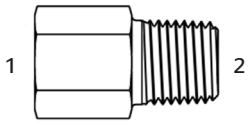
Descriptive #	Product #	SAP #	Thread Size 1 BPF	Thread Size 2 BPF
BPF02-BPF02	70100-0202	20282081	1/8-28	1/8-28
BPF04-BPF02	70100-0402	20282082	1/4-19	1/8-28
BPF04-BPF04	70100-0404	20282083	1/4-19	1/4-19
BPF06-BPF02	70100-0602	20282084	3/8-19	1/8-28
BPF06-BPF04	70100-0604	20282085	3/8-19	1/4-19
BPF06-BPF06	70100-0606	20282086	3/8-19	3/8-19
BPF08-BPF06	70100-0806	20282087	1/2-14	3/8-19
BPF08-BPF08	70100-0808	20282088	1/2-14	1/2-14
BPF10-BPF08	70100-1008	20282089	5/8-14	1/2-14
BPF10-BPF10	70100-1010	20282090	5/8-14	5/8-14
BPF12-BPF08	70100-1208	20282091	3/4-14	1/2-14
BPF12-BPF10	70100-1210	20282092	3/4-14	5/8-14
BPF12-BPF12	70100-1212	20282093	3/4-14	3/4-14
BPF16-BPF12	70100-1612	20282094	1-11	3/4-14
BPF16-BPF16	70100-1616	20282095	1-11	1-11
BPF20-BPF20	70100-2020	20282096	1¼-11	1¼-11
BPF24-BPF24	70100-2424	20282097	1½-11	1½-11
BPF32-BPF32	70100-3232	20282098	2-11	2-11

BSPP, Female – BSPT, Male



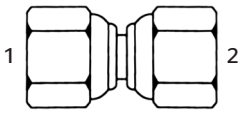
Descriptive #	Product #	SAP #	Thread Size 1 BPF	Thread Size 2 BTM
BPF02-BTM04	70103-0204	20471165	1/8-28	1/4-19
BPF02-BTM06	70103-0206	20471167	1/8-28	3/8-19
BPF04-BTM04	70103-0404	20471166	1/4-19	1/4-19
BPF04-BTM06	70103-0406	20471168	1/4-19	3/8-19
BPF04-BTM12	70103-0412	20471170	1/4-19	3/4-14
BPF06-BTM06	70103-0606	20471169	3/8-19	3/8-19
BPF06-BTM12	70103-0612	20471171	3/8-19	3/4-14
BPF08-BTM12	70103-0812	20471172	1/2-14	3/4-14
BPF08-BTM16	70103-0816	20471548	1/2-14	1-11
BPF12-BTM12	70103-1212	20471173	3/4-14	3/4-14
BPF12-BTM16	70103-1216	20471549	3/4-14	1-11
BPF16-BTM16	70103-1616	20471550	1-11	1-11
BPF16-BTM20	70103-1620	20471551	1-11	1¼-11
BPF20-BTM20	70103-2020	20471552	1¼-11	1¼-11
BPF20-BTM24	70103-2024	20471553	1¼-11	1½-11

BSPP, Female - NPTF, Male



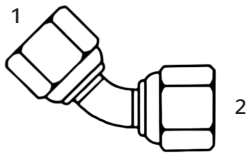
Descriptive #	Product #	SAP #	Thread Size 1 BPF	Thread Size 2 NPM
BPF02-NPM02	70105-0202	20471263	1/8-28	1/8-27
BPF02-NPM04	70105-0204	20471264	1/8-28	1/4-18
BPF04-NPM04	70105-0404	20282250	1/4-19	1/4-18
BPF04-NPM06	70105-0406	20282251	1/4-19	3/8-18
BPF04-NPM08	70105-0408	20282253	1/4-19	1/2-14
BPF06-NPM04	70105-0604	20471265	3/8-19	1/4-18
BPF06-NPM06	70105-0606	20282252	3/8-19	3/8-18
BPF06-NPM08	70105-0608	20282254	3/8-19	1/2-14
BPF06-NPM12	70105-0612	20471266	3/8-19	3/4-14
BPF06-NPM16	70105-0616	20471629	3/8-19	1-11½
BPF08-NPM08	70105-0808	20282255	1/2-14	1/2-14
BPF08-NPM12	70105-0812	20282256	1/2-14	3/4-14
BPF08-NPM16	70105-0816	20471630	1/2-14	1-11½
BPF08-NPM20	70105-0820	20471631	1/2-14	1¼-11½
BPF12-NPM12	70105-1212	20282257	3/4-14	3/4-14
BPF12-NPM16	70105-1216	20282258	3/4-14	1-11½
BPF16-NPM16	70105-1616	20282259	1-11	1-11½
BPF16-NPM32	70105-1632	20471633	1-11	2-11½
BPF20-NPM20	70105-2020	20282260	1¼-11	1¼-11½
BPF20-NPM24	70105-2024	20471632	1¼-11	1½-11½
BPF20-NPM32	70105-2032	20471634	1¼-11	2-11½
BPF24-NPM24	70105-2424	20282261	1½-11	1½-11½
BPF32-NPM32	70105-3232	20282262	2-11	2-11½
BPF32-NPM48	70105-3248	20471635	2-11	3-11

BSPP, Female, Swivel – BSPP, Female, Swivel



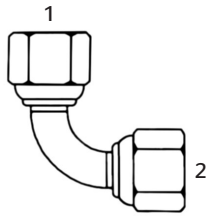
Descriptive #	Product #	SAP #	Thread Size 1 BPF	Thread Size 2 BPF
BPFX02-BPFX02	70106-0202	20471024	1/8-28	1/8-28
BPFX04-BPFX04	70106-0404	20471025	1/4-19	1/4-19
BPFX04-BPFX06	70106-0406	20471026	1/4-19	3/8-19
BPFX04-BPFX08	70106-0408	20471028	1/4-19	1/2-14
BPFX06-BPFX06	70106-0606	20471027	3/8-19	3/8-19
BPFX06-BPFX08	70106-0608	20471029	3/8-19	1/2-14
BPFX08-BPFX08	70106-0808	20471030	1/2-14	1/2-14
BPFX08-BPFX10	70106-0810	20471031	1/2-14	5/8-14
BPFX08-BPFX12	70106-0812	20471033	1/2-14	3/4-14
BPFX08-BPFX16	70106-0816	20471449	1/2-14	1-11
BPFX10-BPFX10	70106-1010	20471032	5/8-14	5/8-14
BPFX10-BPFX12	70106-1012	20471034	5/8-14	3/4-14
BPFX10-BPFX16	70106-1016	20471450	5/8-14	1-11
BPFX12-BPFX12	70106-1212	20471035	3/4-14	3/4-14
BPFX12-BPFX16	70106-1216	20471451	3/4-14	1-11
BPFX12-BPFX20	70106-1220	20471453	3/4-14	1¼-11
BPFX16-BPFX16	70106-1616	20471452	1-11	1-11
BPFX20-BPFX20	70106-2020	20471454	1¼-11	1¼-11
BPFX24-BPFX24	70106-2424	20471455	1½-11	1½-11
BPFX24-BPFX32	70106-2432	20471456	1½-11	2-11
BPFX32-BPFX32	70106-3232	20471457	2-11	2-11

BSPP, Female, Swivel – BSPP, Female, Swivel, 45° Elbow



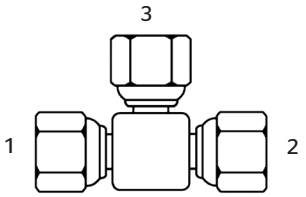
Descriptive #	Product #	SAP #	Thread Size 1 & 2 BPF
BPFX04-BPFX04-45	70106.4-0404	20471343	1/4-19
BPFX06-BPFX06-45	70106.4-0606	20471344	3/8-19
BPFX08-BPFX08-45	70106.4-0808	20471345	1/2-14
BPFX10-BPFX10-45	70106.4-1010	20471346	5/8-14
BPFX12-BPFX12-45	70106.4-1212	20471347	3/4-14
BPFX16-BPFX16-45	70106.4-1616	20471725	1-11
BPFX20-BPFX20-45	70106.4-2020	20471726	1¼-11

BSPP, Female, Swivel – BSPP, Female, Swivel, 90° Elbow



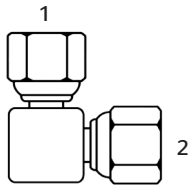
Descriptive #	Product #	SAP #	Thread Size 1 & 2 BPF
BPFX04-BPFX04-90	70106.6-0404	20471338	1/4-19
BPFX06-BPFX06-90	70106.6-0606	20471339	3/8-19
BPFX08-BPFX08-90	70106.6-0808	20471340	1/2-14
BPFX10-BPFX10-90	70106.6-1010	20471341	5/8-14
BPFX12-BPFX12-90	70106.6-1212	20471342	3/4-14
BPFX16-BPFX16-90	70106.6-1616	20471722	1-11
BPFX20-BPFX20-90	70106.6-2020	20471723	1¼-11
BPFX24-BPFX24-90	70106.6-2424	20471724	1½-11

BSPP, Female, Swivel Tee



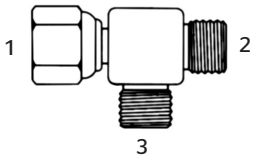
Descriptive #	Product #	SAP #	Thread Size 1, 2 & 3 BPF
BPFX02-BPFX02-BPFX02	70108-0202	20471656	1/8-28
BPFX04-BPFX04-BPFX04	70108-0404	20471657	1/4-19
BPFX06-BPFX06-BPFX06	70108-0606	20471658	3/8-19
BPFX08-BPFX08-BPFX08	70108-0808	20471659	1/2-14
BPFX10-BPFX10-BPFX10	70108-1010	20471660	5/8-14
BPFX12-BPFX12-BPFX12	70108-1212	20471661	3/4-14
BPFX16-BPFX16-BPFX16	70108-1616	20471662	1-11
BPFX20-BPFX20-BPFX20	70108-2020	20471663	1¼-11
BPFX24-BPFX24-BPFX24	70108-2424	20471664	1½-11
BPFX32-BPFX32-BPFX32	70108-3232	20471665	2-11

BSPP, Female, Swivel – BSPP, Female, Swivel, 90° Block Elbow



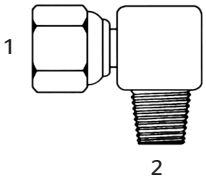
Descriptive #	Product #	SAP #	Thread Size 1 & 2 BPF
BPFX04-BPFX04-90B	70107-0404	20471348	1/4-19
BPFX06-BPFX06-90B	70107-0606	20471349	3/8-19
BPFX08-BPFX08-90B	70107-0808	20471350	1/2-14
BPFX10-BPFX10-90B	70107-1010	20471351	5/8-14
BPFX12-BPFX12-90B	70107-1212	20471352	3/4-14
BPFX16-BPFX16-90B	70107-1616	20471727	1-11
BPFX20-BPFX20-90B	70107-2020	20471728	1¼-11
BPFX24-BPFX24-90B	70107-2424	20471729	1½-11
BPFX32-BPFX32-90B	70107-3232	20471730	2-11

BSPP, Female, Swivel – BSPP, Male - BSPP, Male Tee



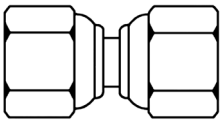
Descriptive #	Product #	SAP #	Thread Size 1 BPF	Thread Size 2 & 3 BPM
BPFX02-BPM02-BPM02	70109-0202	20471666	1/8-28	1/8-28
BPFX04-BPM04-BPM04	70109-0404	20471667	1/4-19	1/4-19
BPFX06-BPM06-BPM06	70109-0606	20471668	3/8-19	3/8-19
BPFX08-BPM08-BPM08	70109-0808	20471669	1/2-14	1/2-14
BPFX10-BPM10-BPM10	70109-1010	20471670	5/8-14	5/8-14
BPFX12-BPM12-BPM12	70109-1212	20471671	3/4-14	3/4-14
BPFX16-BPM16-BPM16	70109-1616	20471672	1-11	1-11

BSPP, Female, Swivel – BSPT, Male, 90° Block Elbow



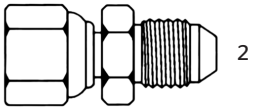
Descriptive #	Product #	SAP #	Thread Size 1 BPF	Thread Size 2 BTM
BPFX02-BTM02-90B	70109.5-0202	20471267	1/8-28	1/8-28
BPFX04-BTM04-90B	70109.5-0404	20471268	1/4-19	1/4-19
BPFX06-BTM06-90B	70109.5-0606	20471269	3/8-19	3/8-19
BPFX08-BTM08-90B	70109.5-0808	20471270	1/2-14	1/2-14
BPFX12-BTM12-90B	70109.5-1212	20471271	3/4-14	3/4-14
BPFX16-BTM16-90B	70109.5-1616	20471636	1-11	1-11

BSPP, Female, Swivel – JIC 37°, Female, Swivel



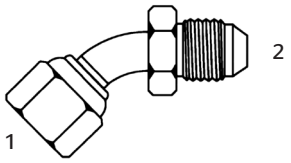
Descriptive #	Product #	SAP #	Thread Size 1 BPF	Thread Size 2 JCF
BPFX04-JCFX04	70109.7-0404	20471286	1/4-19	7/16-20
BPFX04-JCFX05	70109.7-0405	20471287	1/4-19	1/2-20
BPFX04-JCFX06	70109.7-0406	20471288	1/4-19	9/16-18
BPFX06-JCFX04	70109.7-0604	20471289	3/8-19	7/16-20
BPFX06-JCFX05	70109.7-0605	20471290	3/8-19	1/2-20
BPFX06-JCFX06	70109.7-0606	20471291	3/8-19	9/16-18
BPFX06-JCFX08	70109.7-0608	20471292	3/8-19	3/4-16
BPFX08-JCFX06	70109.7-0806	20471293	1/2-14	9/16-18
BPFX08-JCFX08	70109.7-0808	20471294	1/2-14	3/4-16
BPFX10-JCFX10	70109.7-1010	20471295	5/8-14	7/8-14
BPFX12-JCFX08	70109.7-1208	20471296	3/4-14	3/4-16
BPFX12-JCFX12	70109.7-1212	20471297	3/4-14	1 1/16-12
BPFX12-JCFX16	70109.7-1216	20471298	3/4-14	1 5/16-12
BPFX16-JCFX12	70109.7-1612	20471640	1-11	1 1/16-12
BPFX16-JCFX16	70109.7-1616	20471641	1-11	1 5/16-12
BPFX20-JCFX20	70109.7-2020	20471642	1 1/4-11	1 5/8-12

BSPP, Female, Swivel – JIC 37°, Male



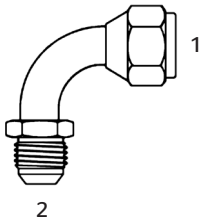
Descriptive #	Product #	SAP #	Thread Size 1 BPF	Thread Size 2 JCM
BPFX02-JCM04	70110-0204	20281982	1/8-28	7/16-20
BPFX04-JCM04	70110-0404	20281983	1/4-19	7/16-20
BPFX04-JCM05	70110-0405	20470962	1/4-19	1/2-20
BPFX04-JCM06	70110-0406	20281985	1/4-19	9/16-18
BPFX06-JCM04	70110-0604	20281984	3/8-19	7/16-20
BPFX06-JCM05	70110-0605	20470963	3/8-19	1/2-20
BPFX06-JCM06	70110-0606	20281986	3/8-19	9/16-18
BPFX06-JCM08	70110-0608	20281988	3/8-19	3/4-16
BPFX06-JCM10	70110-0610	20470964	3/8-19	7/8-14
BPFX08-JCM04	70110-0804	20470961	1/2-14	7/16-20
BPFX08-JCM06	70110-0806	20281987	1/2-14	9/16-18
BPFX08-JCM08	70110-0808	20281989	1/2-14	3/4-16
BPFX08-JCM10	70110-0810	20281992	1/2-14	7/8-14
BPFX10-JCM08	70110-1008	20281990	5/8-14	3/4-16
BPFX10-JCM10	70110-1010	20281993	5/8-14	7/8-14
BPFX12-JCM08	70110-1208	20281991	3/4-14	3/4-16
BPFX12-JCM10	70110-1210	20281994	3/4-14	7/8-14
BPFX12-JCM12	70110-1212	20281995	3/4-14	1 1/16-12
BPFX12-JCM16	70110-1216	20471411	3/4-14	1 5/16-12
BPFX16-JCM12	70110-1612	20281997	1-11	1 1/16-12
BPFX16-JCM16	70110-1616	20281998	1-11	1 5/16-12
BPFX20-JCM20	70110-2020	20281999	1 1/4-11	1 5/8-12
BPFX24-JCM24	70110-2424	20471412	1 1/2-11	1 7/8-12

BSPP, Female, Swivel – JIC 37°, Male, 45° Elbow



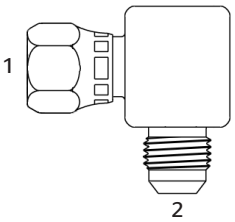
Descriptive #	Product #	SAP #	Thread Size 1 BPF	Thread Size 2 JCM
BPFX04-JCM04-45	70111-0404	20471184	1/4-19	7/16-20
BPFX06-JCM06-45	70111-0606	20471185	3/8-19	9/16-18
BPFX08-JCM08-45	70111-0808	20471186	1/2-14	3/4-16
BPFX10-JCM10-45	70111-1010	20471187	5/8-14	7/8-14
BPFX12-JCM12-45	70111-1212	20471188	3/4-14	1 1/16-12
BPFX16-JCM16-45	70111-1616	20471559	1-11	1 5/16-12

BSPP, Female, Swivel – JIC 37°, Male, 90° Elbow



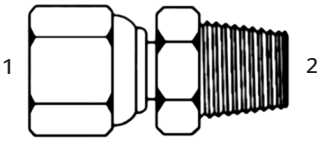
Descriptive #	Product #	SAP #	Thread Size 1 BPF	Thread Size 2 JCM
BPFX04-JCM04-90	70113-0404	20471353	1/4-19	7/16-20
BPFX06-JCM06-90	70113-0606	20471354	3/8-19	9/16-18
BPFX08-JCM08-90	70113-0808	20471355	1/2-14	3/4-16
BPFX10-JCM10-90	70113-1010	20471356	5/8-14	7/8-14
BPFX12-JCM12-90	70113-1212	20471357	3/4-14	1 1/16-12
BPFX16-JCM16-90	70113-1616	20471731	1-11	1 5/16-12

BSPP, Female, Swivel – JIC 37°, Male, 90° Block Elbow



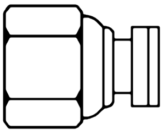
Descriptive #	Product #	SAP #	Thread Size 1 BPF	Thread Size 2 JCM
BPFX04-JCM04-90B	70113.2-0404	20470965	1/4-19	7/16-20
BPFX06-JCM06-90B	70113.2-0606	20282000	3/8-19	9/16-18
BPFX06-JCM08-90B	70113.2-0608	20470966	3/8-19	3/4-16
BPFX08-JCM08-90B	70113.2-0808	20282001	1/2-14	3/4-16
BPFX12-JCM12-90B	70113.2-1212	20282002	3/4-14	1 1/16-12

BSPP, Female, Swivel – NPTF, Male



Descriptive #	Product #	SAP #	Thread Size 1 BPF	Thread Size 2 NPM
BPFX02-NPM02	70114-0202	20471277	1/8-28	1/8-27
BPFX04-NPM04	70114-0404	20471278	1/4-19	1/4-18
BPFX04-NPM06	70114-0406	20471279	1/4-19	3/8-18
BPFX06-NPM06	70114-0606	20471280	3/8-19	3/8-18
BPFX06-NPM08	70114-0608	20471282	3/8-19	1/2-14
BPFX08-NPM06	70114-0806	20471281	1/2-14	3/8-18
BPFX08-NPM08	70114-0808	20471283	1/2-14	1/2-14
BPFX08-NPM12	70114-0812	20471284	1/2-14	3/4-14
BPFX12-NPM12	70114-1212	20471285	3/4-14	3/4-14
BPFX12-NPM16	70114-1216	20471638	3/4-14	1-11½
BPFX16-NPM16	70114-1616	20471639	1-11	1-11½

BSPP, Female, Swivel, Cap

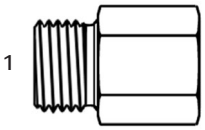


Descriptive #	Product #	SAP #	Thread Size BPF
BPFXC02	70120-0002	20282016	1/8-28
BPFXC04	70120-0004	20282017	1/4-19
BPFXC06	70120-0006	20282018	3/8-19
BPFXC08	70120-0008	20282019	1/2-14
BPFXC10	70120-0010	20282020	5/8-14
BPFXC12	70120-0012	20282021	3/4-14
BPFXC16	70120-0016	20282022	1-11
BPFXC20	70120-0020	20282023	1¼-11
BPFXC24	70120-0024	20282024	1½-11
BPFXC32	70120-0032	20282026	2-11

BSPP, Male, Hollow Hex Plug

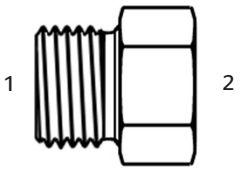
Descriptive #	Product #	SAP #	Thread Size BPM
BPHHP02	70121-0002	20471428	1/8-28
BPHHP04	70121-0004	20471429	1/4-19
BPHHP06	70121-0006	20471430	3/8-19
BPHHP08	70121-0008	20471431	1/2-14
BPHHP12	70121-0012	20471432	3/4-14
BPHHP16	70121-0016	20471433	1-11
BPHHP20	70121-0020	20471434	1¼-11
BPHHP24	70121-0024	20471435	1½-11

BSPP, Male – BSPP, Female, Extended Bushing



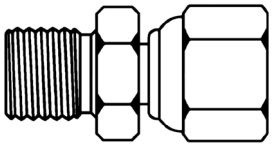
Descriptive #	Product #	SAP #	Thread Size 1 BPF	Thread Size 2 BPF
BPM02-BPFEB02	70122-0202	20471041	1/8-28	1/8-28
BPM02-BPFEB04	70122-0204	20471042	1/8-28	1/4-19
BPM04-BPFEB02	70122-0402	20471043	1/4-19	1/8-28
BPM04-BPFEB04	70122-0404	20471044	1/4-19	1/4-19
BPM04-BPFEB06	70122-0406	20471045	1/4-19	3/8-19
BPM04-BPFEB08	70122-0408	20471046	1/4-19	1/2-14
BPM06-BPFEB04	70122-0604	20471047	3/8-19	1/4-19
BPM06-BPFEB06	70122-0606	20471048	3/8-19	3/8-19
BPM06-BPFEB08	70122-0608	20471049	3/8-19	1/2-14
BPM06-BPFEB12	70122-0612	20471050	3/8-19	3/4-14
BPM08-BPFEB06	70122-0806	20471051	1/2-14	3/8-19
BPM08-BPFEB08	70122-0808	20471052	1/2-14	1/2-14
BPM08-BPFEB12	70122-0812	20471053	1/2-14	3/4-14
BPM08-BPFEB16	70122-0816	20471054	1/2-14	1-11
BPM10-BPFEB08	70122-1008	20471055	5/8-14	1/2-14
BPM12-BPFEB08	70122-1208	20471056	3/4-14	1/2-14
BPM12-BPFEB10	70122-1210	20471057	3/4-14	5/8-14
BPM12-BPFEB12	70122-1212	20471058	3/4-14	3/4-14
BPM12-BPFEB16	70122-1216	20471059	3/4-14	1-11
BPM12-BPFEB20	70122-1220	20471060	3/4-14	1¼-11
BPM16-BPFEB12	70122-1612	20471470	1-11	3/4-14
BPM16-BPFEB16	70122-1616	20471471	1-11	1-11
BPM16-BPFEB20	70122-1620	20471472	1-11	1¼-11
BPM16-BPFEB24	70122-1624	20471473	1-11	1½-11
BPM20-BPFEB20	70122-2020	20471474	1¼-11	1¼-11
BPM24-BPFEB24	70122-2424	20471475	1½-11	1½-11
BPM32-BPFEB32	70122-3232	20471476	2-11	2-11

BSPP, Male – BSPP, Female, Reducer Bushing



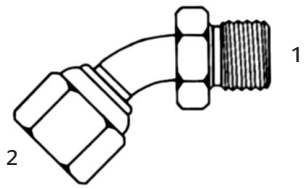
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 BPF
BPM06-BPFRB02	70123-0602	20471036	3/8-19	1/8-28
BPM08-BPFRB02	70123-0802	20471037	1/2-14	1/8-28
BPM08-BPFRB04	70123-0804	20471038	1/2-14	1/4-19
BPM12-BPFRB04	70123-1204	20471039	3/4-14	1/4-19
BPM12-BPFRB06	70123-1206	20471040	3/4-14	3/8-19
BPM16-BPFRB04	70123-1604	20471458	1-11	1/4-19
BPM16-BPFRB06	70123-1606	20471459	1-11	3/8-19
BPM16-BPFRB08	70123-1608	20471460	1-11	1/2-14
BPM20-BPFRB08	70123-2008	20471461	1¼-11	1/2-14
BPM20-BPFRB12	70123-2012	20471462	1¼-11	3/4-14
BPM20-BPFRB16	70123-2016	20471463	1¼-11	1-11
BPM24-BPFRB12	70123-2412	20471464	1½-11	3/4-14
BPM24-BPFRB16	70123-2416	20471465	1½-11	1-11
BPM32-BPFRB16	70123-3216	20471466	2-11	1-11
BPM32-BPFRB20	70123-3220	20471467	2-11	1¼-11
BPM32-BPFRB24	70123-3224	20471468	2-11	1½-11
BPM40-BPFRB32	70123-4032	20471469	2½-11	2-11

BSPP, Male – BSPP, Female, Swivel



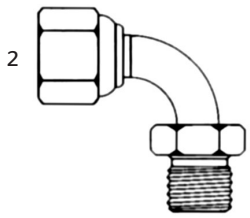
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 BPF
BPM02-BPFX02	70123.3-0202	20471299	1/8-28	1/8-28
BPM02-BPFX04	70123.3-0204	20471300	1/8-28	1/4-19
BPM04-BPFX02	70123.3-0402	20471301	1/4-19	1/8-28
BPM04-BPFX04	70123.3-0404	20471302	1/4-19	1/4-19
BPM04-BPFX06	70123.3-0406	20471303	1/4-19	3/8-19
BPM04-BPFX08	70123.3-0408	20471304	1/4-19	1/2-14
BPM06-BPFX04	70123.3-0604	20471305	3/8-19	1/4-19
BPM06-BPFX06	70123.3-0606	20471306	3/8-19	3/8-19
BPM06-BPFX08	70123.3-0608	20471307	3/8-19	1/2-14
BPM06-BPFX12	70123.3-0612	20471308	3/8-19	3/4-14
BPM08-BPFX04	70123.3-0804	20471309	1/2-14	1/4-19
BPM08-BPFX06	70123.3-0806	20471310	1/2-14	3/8-19
BPM08-BPFX08	70123.3-0808	20471311	1/2-14	1/2-14
BPM08-BPFX10	70123.3-0810	20471312	1/2-14	5/8-14
BPM08-BPFX12	70123.3-0812	20471313	1/2-14	3/4-14
BPM08-BPFX16	70123.3-0816	20471314	1/2-14	1-11
BPM10-BPFX08	70123.3-1008	20471315	5/8-14	1/2-14
BPM10-BPFX10	70123.3-1010	20471316	5/8-14	5/8-14
BPM10-BPFX12	70123.3-1012	20471317	5/8-14	3/4-14
BPM12-BPFX06	70123.3-1206	20471318	3/4-14	3/8-19
BPM12-BPFX08	70123.3-1208	20471319	3/4-14	1/2-14
BPM12-BPFX10	70123.3-1210	20471320	3/4-14	5/8-14
BPM12-BPFX12	70123.3-1212	20471321	3/4-14	3/4-14
BPM12-BPFX16	70123.3-1216	20471322	3/4-14	1-11
BPM12-BPFX20	70123.3-1220	20471323	3/4-14	1¼-11
BPM16-BPFX08	70123.3-1608	20471643	1-11	1/2-14
BPM16-BPFX10	70123.3-1610	20471644	1-11	5/8-14
BPM16-BPFX12	70123.3-1612	20471645	1-11	3/4-14
BPM16-BPFX16	70123.3-1616	20471646	1-11	1-11
BPM16-BPFX20	70123.3-1620	20471647	1-11	1¼-11
BPM20-BPFX12	70123.3-2012	20471648	1¼-11	3/4-14
BPM20-BPFX16	70123.3-2016	20471649	1¼-11	1-11
BPM20-BPFX20	70123.3-2020	20471650	1¼-11	1¼-11
BPM20-BPFX24	70123.3-2024	20471651	1¼-11	1½-11
BPM24-BPFX16	70123.3-2416	20471652	1½-11	1-11
BPM24-BPFX20	70123.3-2420	20471653	1½-11	1¼-11
BPM24-BPFX24	70123.3-2424	20471654	1½-11	1½-11
BPM32-BPFX32	70123.3-3232	20471655	2-11	2-11

BSPP, Male – BSPP, Female, Swivel, 45° Elbow



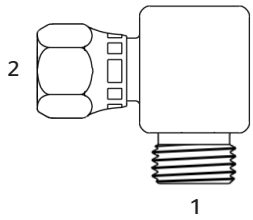
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 BPF
BPM04-BPFX04-45	70123.5-0404	20471214	1/4-19	1/4-19
BPM06-BPFX06-45	70123.5-0606	20471215	3/8-19	3/8-19
BPM08-BPFX08-45	70123.5-0808	20471216	1/2-14	1/2-14
BPM10-BPFX10-45	70123.5-1010	20471217	5/8-14	5/8-14
BPM12-BPFX12-45	70123.5-1212	20471218	3/4-14	3/4-14
BPM16-BPFX16-45	70123.5-1616	20471581	1-11	1-11
BPM20-BPFX20-45	70123.5-2020	20471582	1¼-11	1¼-11

BSPP, Male – BSPP, Female, Swivel, 90° Elbow



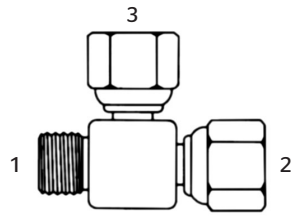
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 BPF
BPM04-BPFX04-90	70123.9-0404	20471209	1/4-19	1/4-19
BPM06-BPFX06-90	70123.9-0606	20471210	3/8-19	3/8-19
BPM08-BPFX08-90	70123.9-0808	20471211	1/2-14	1/2-14
BPM10-BPFX10-90	70123.9-1010	20471212	5/8-14	5/8-14
BPM12-BPFX12-90	70123.9-1212	20471213	3/4-14	3/4-14

BSPP, Male – BSPP, Female, Swivel, 90° Block Elbow



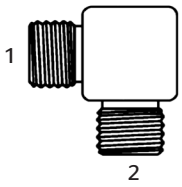
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 BPF
BPM02-BPFX02-90B	70124-0202	20471061	1/8-28	1/8-28
BPM04-BPFX04-90B	70124-0404	20471062	1/4-19	1/4-19
BPM04-BPFX06-90B	70124-0406	20471063	1/4-19	3/8-19
BPM06-BPFX04-90B	70124-0604	20471064	3/8-19	1/4-19
BPM06-BPFX06-90B	70124-0606	20471065	3/8-19	3/8-19
BPM06-BPFX08-90B	70124-0608	20471066	3/8-19	1/2-14
BPM08-BPFX06-90B	70124-0806	20471067	1/2-14	3/8-19
BPM08-BPFX08-90B	70124-0808	20471068	1/2-14	1/2-14
BPM10-BPFX10-90B	70124-1010	20471069	5/8-14	5/8-14
BPM12-BPFX12-90B	70124-1212	20471070	3/4-14	3/4-14
BPM16-BPFX12-90B	70124-1612	20471477	1-11	3/4-14
BPM16-BPFX16-90B	70124-1616	20471478	1-11	1-11
BPM20-BPFX20-90B	70124-2020	20471479	1¼--11	1¼--11
BPM24-BPFX24-90B	70124-2424	20471480	1½-11	1½-11
BPM32-BPFX32-90B	70124-3232	20471481	2-11	2-11

BSPP, Male – BSPP, Female, Swivel – BSPP, Female, Swivel Tee



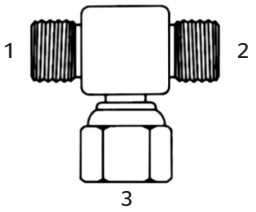
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 & 3 BPF
BPM02-BPFX02-BPFX02	70124.1-0202	20471681	1/8-28	1/8-28
BPM04-BPFX04-BPFX04	70124.1-0404	20471682	1/4-19	1/4-19
BPM06-BPFX06-BPFX06	70124.1-0606	20471683	3/8-19	3/8-19
BPM08-BPFX08-BPFX08	70124.1-0808	20471684	1/2-14	1/2-14
BPM10-BPFX10-BPFX10	70124.1-1010	20471685	5/8-14	5/8-14
BPM12-BPFX12-BPFX12	70124.1-1212	20471686	3/4-14	3/4-14
BPM16-BPFX16-BPFX16	70124.1-1616	20471687	1-11	1-11
BPM20-BPFX20-BPFX20	70124.1-2020	20471688	1¼-11	1¼-11

BSPP, Male – BSPP, Male, 90° Elbow



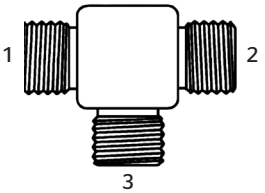
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 BPM
BPM02-BPM02-90	70124.3-0202	20471174	1/8-28	1/8-28
BPM04-BPM04-90	70124.3-0404	20471175	1/4-19	1/4-19
BPM04-BPM06-90	70124.3-0406	20471176	1/4-19	3/8-19
BPM06-BPM06-90	70124.3-0606	20471177	3/8-19	3/8-19
BPM06-BPM08-90	70124.3-0608	20471178	3/8-19	1/2-14
BPM08-BPM08-90	70124.3-0808	20471179	1/2-14	1/2-14
BPM08-BPM12-90	70124.3-0812	20471181	1/2-14	3/4-14
BPM10-BPM10-90	70124.3-1010	20471180	5/8-14	5/8-14
BPM10-BPM12-90	70124.3-1012	20471182	5/8-14	3/4-14
BPM12-BPM12-90	70124.3-1212	20471183	3/4-14	3/4-14
BPM12-BPM16-90	70124.3-1216	20471554	3/4-14	1-11
BPM16-BPM16-90	70124.3-1616	20471555	1-11	1-11
BPM20-BPM20-90	70124.3-2020	20471556	1¼-11	1¼-11
BPM24-BPM24-90	70124.3-2424	20471557	1½-11	1½-11
BPM32-BPM32-90	70124.3-3232	20471558	2-11	2-11

BSPP, Male – BSPP, Male – BSPP, Female, Swivel Tee



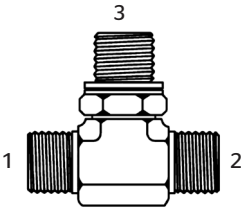
Descriptive #	Product #	SAP #	Thread Size 1 & 2 BPM	Thread Size 3 BPF
BPM02-BPM02-BPFX02	70124.4-0202	20471673	1/8-28	1/8-28
BPM04-BPM04-BPFX04	70124.4-0404	20471674	1/4-19	1/4-19
BPM06-BPM06-BPFX06	70124.4-0606	20471675	3/8-19	3/8-19
BPM08-BPM08-BPFX08	70124.4-0808	20471676	1/2-14	1/2-14
BPM10-BPM10-BPFX10	70124.4-1010	20471677	5/8-14	5/8-14
BPM12-BPM12-BPFX12	70124.4-1212	20471678	3/4-14	3/4-14
BPM16-BPM16-BPFX16	70124.4-1616	20471679	1-11	1-11
BPM20-BPM20-BPFX20	70124.4-2020	20471680	1¼-11	1¼-11

BSPP, Male – BSPP, Male – BSPP, Male Tee



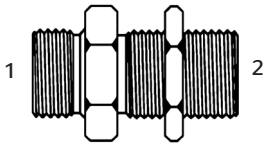
Descriptive #	Product #	SAP #	Thread Size 1, 2 & 3 BPM
BPM02-BPM02-BPM02	70124.5-0202	20471605	1/8-28
BPM04-BPM04-BPM04	70124.5-0404	20471606	1/4-19
BPM06-BPM06-BPM06	70124.5-0606	20471607	3/8-19
BPM08-BPM08-BPM08	70124.5-0808	20471608	1/2-14
BPM10-BPM10-BPM10	70124.5-1010	20471609	5/8-14
BPM12-BPM12-BPM12	70124.5-1212	20471620	3/4-14
BPM16-BPM16-BPM16	70124.5-1616	20471621	1-11
BPM20-BPM20-BPM20	70124.5-2020	20471622	1¼-11
BPM24-BPM24-BPM24	70124.5-2424	20471623	1¼-11
BPM32-BPM32-BPM32	70124.5-3232	20471624	2-11

BSPP, Male – BSPP, Male – BSPP, Male (Adjustable) Tee



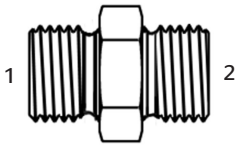
Descriptive #	Product #	SAP #	Thread Size 1 & 2 BPM	Thread Size 3 BPMX
BPM04-BPM04-BPMX04	70124.6-0404	20471695	1/4-19	1/4-19
BPM06-BPM06-BPMX04	70124.6-0604	20471696	3/8-19	1/4-19
BPM06-BPM06-BPMX06	70124.6-0606	20471697	3/8-19	3/8-19
BPM08-BPM08-BPMX06	70124.6-0806	20471698	1/2-14	3/8-19
BPM08-BPM08-BPMX08	70124.6-0808	20471699	1/2-14	1/2-14
BPM12-BPM12-BPMX12	70124.6-1212	20471700	3/4-14	3/4-14

BSPP, Male – BSPP, Male, Bulkhead Union



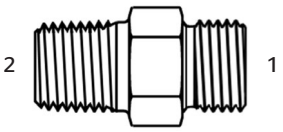
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 BPMB
BPM02-BPMB02	70124.8-0202	20471011	1/8-28	1/8-28
BPM04-BPMB04	70124.8-0404	20471012	1/4-19	1/4-19
BPM04-BPMB06	70124.8-0406	20471013	1/4-19	3/8-19
BPM06-BPMB04	70124.8-0604	20471014	3/8-19	1/4-19
BPM06-BPMB06	70124.8-0606	20471015	3/8-19	3/8-19
BPM06-BPMB08	70124.8-0608	20471016	3/8-19	1/2-14
BPM08-BPMB06	70124.8-0806	20471017	1/2-14	3/8-19
BPM08-BPMB08	70124.8-0808	20471018	1/2-14	1/2-14
BPM08-BPMB12	70124.8-0812	20471019	1/2-14	3/4-14
BPM10-BPMB10	70124.8-1010	20471020	5/8-14	5/8-14
BPM12-BPMB08	70124.8-1208	20471021	3/4-14	1/2-14
BPM12-BPMB12	70124.8-1212	20471022	3/4-14	3/4-14
BPM12-BPMB16	70124.8-1216	20471023	3/4-14	1-11
BPM16-BPMB16	70124.8-1616	20471436	1-11	1-11
BPM20-BPMB20	70124.8-2020	20471437	1¼-11	1¼-11
BPM24-BPMB24	70124.8-2424	20471438	1½-11	1½-11
BPM32-BPMB32	70124.8-3232	20471439	2-11	2-11

BSPP, Male – BSPP, Male, Hex Nipple



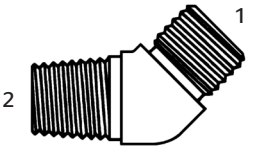
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 BPM
BPM02-BPMHN02	70125-0202	20282035	1/8-28	1/8-28
BPM04-BPMHN02	70125-0402	20471010	1/4-19	1/8-28
BPM04-BPMHN04	70125-0404	20282036	1/4-19	1/4-19
BPM06-BPMHN02	70125-0602	20282037	3/8-19	1/8-28
BPM06-BPMHN04	70125-0604	20282038	3/8-19	1/4-19
BPM06-BPMHN06	70125-0606	20282039	3/8-19	3/8-19
BPM08-BPMHN02	70125-0802	20282040	1/2-14	1/8-28
BPM08-BPMHN04	70125-0804	20282041	1/2-14	1/4-19
BPM08-BPMHN06	70125-0806	20282042	1/2-14	3/8-19
BPM08-BPMHN08	70125-0808	20282043	1/2-14	1/2-14
BPM10-BPMHN04	70125-1004	20282044	5/8-14	1/4-19
BPM10-BPMHN06	70125-1006	20282045	5/8-14	3/8-19
BPM10-BPMHN08	70125-1008	20282046	5/8-14	1/2-14
BPM10-BPMHN10	70125-1010	20282048	5/8-14	5/8-14
BPM12-BPMHN04	70125-1204	20282049	3/4-14	1/4-19
BPM12-BPMHN06	70125-1206	20282050	3/4-14	3/8-19
BPM12-BPMHN08	70125-1208	20282051	3/4-14	1/2-14
BPM12-BPMHN10	70125-1210	20282052	3/4-14	5/8-14
BPM12-BPMHN12	70125-1212	20282053	3/4-14	3/4-14
BPM16-BPMHN04	70125-1604	20282054	1-11	1/4-19
BPM16-BPMHN06	70125-1606	20282055	1-11	3/8-19
BPM16-BPMHN08	70125-1608	20282056	1-11	1/2-14
BPM16-BPMHN10	70125-1610	20282057	1-11	5/8-14
BPM16-BPMHN12	70125-1612	20282058	1-11	3/4-14
BPM16-BPMHN16	70125-1616	20282059	1-11	1-11
BPM20-BPMHN06	70125-2006	20282060	1¼-11	3/8-19
BPM20-BPMHN08	70125-2008	20282061	1¼-11	1/2-14
BPM20-BPMHN10	70125-2010	20282062	1¼-11	5/8-14
BPM20-BPMHN12	70125-2012	20282063	1¼-11	3/4-14
BPM20-BPMHN16	70125-2016	20282064	1¼-11	1-11
BPM20-BPMHN20	70125-2020	20282065	1¼-11	1¼-11
BPM24-BPMHN08	70125-2408	20282066	1½-11	1/2-14
BPM24-BPMHN12	70125-2412	20282067	1½-11	3/4-14
BPM24-BPMHN16	70125-2416	20282068	1½-11	1-11
BPM24-BPMHN20	70125-2420	20282069	1½-11	1¼-11
BPM24-BPMHN24	70125-2424	20282070	1½-11	1½-11
BPM32-BPMHN16	70125-3216	20282071	2-11	1-11
BPM32-BPMHN20	70125-3220	20282072	2-11	1¼-11
BPM32-BPMHN24	70125-3224	20282073	2-11	1½-11
BPM32-BPMHN32	70125-3232	20282074	2-11	2-11
BPM40-BPMHN24	70125-4024	20282075	2½-11	1½-11
BPM40-BPMHN32	70125-4032	20282076	2 ½-11	2-11
BPM40-BPMHN40	70125-4040	20282077	2½-11	2½-11
BPM48-BPMHN32	70125-4832	20282078	3-11	2-11
BPM48-BPMHN40	70125-4840	20282079	3-11	2½-11
BPM48-BPMHN48	70125-4848	20282080	3-11	3-11

BSPP, Male – BSPT, Male



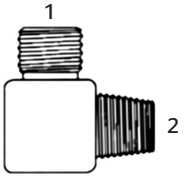
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 BTM
BPM02-BTM02	70126-0202	20471138	1/8-28	1/8-28
BPM02-BTM04	70126-0204	20471139	1/8-28	1/4-19
BPM02-BTM06	70126-0206	20471140	1/8-28	3/8-19
BPM04-BTM02	70126-0402	20471141	1/4-19	1/8-28
BPM04-BTM04	70126-0404	20471142	1/4-19	1/4-19
BPM04-BTM06	70126-0406	20471143	1/4-19	3/8-19
BPM04-BTM08	70126-0408	20471144	1/4-19	1/2-14
BPM06-BTM02	70126-0602	20471145	3/8-19	1/8-28
BPM06-BTM04	70126-0604	20471146	3/8-19	1/4-19
BPM06-BTM06	70126-0606	20471147	3/8-19	3/8-19
BPM06-BTM08	70126-0608	20471148	3/8-19	1/2-14
BPM06-BTM12	70126-0612	20471149	3/8-19	3/4-14
BPM06-BTM16	70126-0616	20471150	3/8-19	1-11
BPM08-BTM04	70126-0804	20471151	1/2-14	1/4-19
BPM08-BTM06	70126-0806	20471152	1/2-14	3/8-19
BPM08-BTM08	70126-0808	20471153	1/2-14	1/2-14
BPM08-BTM10	70126-0810	20471154	1/2-14	5/8-14
BPM08-BTM12	70126-0812	20471155	1/2-14	3/4-14
BPM10-BTM06	70126-1006	20471156	5/8-14	3/8-19
BPM10-BTM10	70126-1010	20471157	5/8-14	5/8-14
BPM10-BTM12	70126-1012	20471158	5/8-14	3/4-14
BPM12-BTM04	70126-1204	20471159	3/4-14	1/4-19
BPM12-BTM06	70126-1206	20471160	3/4-14	3/8-19
BPM12-BTM08	70126-1208	20471161	3/4-14	1/2-14
BPM12-BTM12	70126-1212	20471162	3/4-14	3/4-14
BPM12-BTM16	70126-1216	20471163	3/4-14	1-11
BPM12-BTM20	70126-1220	20471164	3/4-14	1¼-11
BPM16-BTM08	70126-1608	20471529	1-11	1/2-14
BPM16-BTM12	70126-1612	20471530	1-11	3/4-14
BPM16-BTM16	70126-1616	20471531	1-11	1-11
BPM16-BTM20	70126-1620	20471532	1-11	1¼-11
BPM16-BTM24	70126-1624	20471533	1-11	1½-11
BPM16-BTM32	70126-1632	20471534	1-11	2-11
BPM20-BTM12	70126-2012	20471535	1¼-11	3/4-14
BPM20-BTM16	70126-2016	20471536	1¼-11	1-11
BPM20-BTM20	70126-2020	20471537	1¼-11	1¼-11
BPM20-BTM24	70126-2024	20471538	1¼-11	1½-11
BPM20-BTM32	70126-2032	20471539	1¼-11	2-11
BPM24-BTM16	70126-2416	20471540	1½-11	1-11
BPM24-BTM20	70126-2420	20471541	1½-11	1¼-11
BPM24-BTM24	70126-2424	20471542	1½-11	1½-11
BPM24-BTM32	70126-2432	20471543	1½-11	2-11
BPM32-BTM24	70126-3224	20471544	2-11	1½-11
BPM32-BTM32	70126-3232	20471545	2-11	2-11
BPM40-BTM40	70126-4040	20471546	2½-11	2½-11
BPM48-BTM48	70126-4848	20471547	3-11	3-11

BSPP, Male – BSPT, Male, 45° Elbow



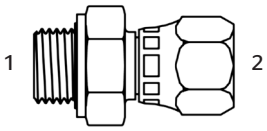
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 BTM
BPM04-BTM02-45	70127-0402	20471224	1/4-19	1/8-28
BPM04-BTM04-45	70127-0404	20471225	1/4-19	1/4-19
BPM04-BTM06-45	70127-0406	20471226	1/4-19	3/8-19
BPM06-BTM04-45	70127-0604	20471227	3/8-19	1/4-19
BPM06-BTM06-45	70127-0606	20471228	3/8-19	3/8-19
BPM08-BTM06-45	70127-0806	20471229	1/2-14	3/8-19
BPM08-BTM08-45	70127-0808	20471230	1/2-14	1/2-14
BPM12-BTM12-45	70127-1212	20471231	3/4-14	3/4-14

BSPP, Male – BSPT, Male, 90° Elbow



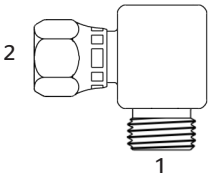
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 BTM
BPM02-BTM02-90	70128-0202	20471128	1/8-28	1/8-28
BPM02-BTM04-90	70128-0204	20471129	1/8-28	1/4-19
BPM04-BTM02-90	70128-0402	20471130	1/4-19	1/8-28
BPM04-BTM04-90	70128-0404	20471131	1/4-19	1/4-19
BPM04-BTM06-90	70128-0406	20471132	1/4-19	3/8-19
BPM06-BTM04-90	70128-0604	20471133	3/8-19	1/4-19
BPM06-BTM06-90	70128-0606	20471134	3/8-19	3/8-19
BPM08-BTM06-90	70128-0806	20471135	1/2-14	3/8-19
BPM08-BTM08-90	70128-0808	20471136	1/2-14	1/2-14
BPM12-BTM12-90	70128-1212	20471137	3/4-14	3/4-14
BPM16-BTM16-90	70128-1616	20471528	1-11	1-11

BSPP, Male – JIC 37°, Female, Swivel



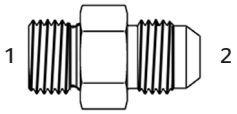
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 JCF
BPM02-JCFX04	70130-0204	20282003	1/8-28	7/16-20
BPM04-JCFX04	70130-0404	20282004	1/4-19	7/16-20
BPM04-JCFX05	70130-0405	20470969	1/4-19	1/2-20
BPM04-JCFX06	70130-0406	20282005	1/4-19	9/16-18
BPM06-JCFX04	70130-0604	20470967	3/8-19	7/16-20
BPM06-JCFX06	70130-0606	20282006	3/8-19	9/16-18
BPM06-JCFX08	70130-0608	20282007	3/8-19	3/4-16
BPM06-JCFX10	70130-0610	20471003	3/8-19	7/8-14
BPM08-JCFX04	70130-0804	20470968	1/2-14	7/16-20
BPM08-JCFX06	70130-0806	20471000	1/2-14	9/16-18
BPM08-JCFX08	70130-0808	20282008	1/2-14	3/4-16
BPM08-JCFX10	70130-0810	20282009	1/2-14	7/8-14
BPM08-JCFX12	70130-0812	20471005	1/2-14	1 1/16-12
BPM10-JCFX08	70130-1008	20471001	5/8-14	3/4-16
BPM10-JCFX10	70130-1010	20471004	5/8-14	7/8-14
BPM10-JCFX12	70130-1012	20471006	5/8-14	1 1/16-12
BPM12-JCFX08	70130-1208	20471002	3/4-14	3/4-16
BPM12-JCFX12	70130-1212	20282011	3/4-14	1 1/16-12
BPM12-JCFX16	70130-1216	20282012	3/4-14	1 5/16-12
BPM16-JCFX12	70130-1612	20471007	1-11	1 1/16-12
BPM16-JCFX16	70130-1616	20282013	1-11	1 5/16-12
BPM16-JCFX20	70130-1620	20471414	1-11	1 5/8-12
BPM20-JCFX16	70130-2016	20471413	1 1/4-11	1 5/16-12
BPM20-JCFX20	70130-2020	20282014	1 1/4-11	1 5/8-12
BPM24-JCFX24	70130-2424	20282015	1 1/2-11	1 7/8-12
BPM32-JCFX24	70130-3224	20471415	2-11	1 7/8-12
BPM32-JCFX32	70130-3232	20471416	2-11	2 1/2-12

BSPP, Male – JIC 37°, Female, Swivel, 90° Block Elbow



Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 JCF
BPM04-JCFX04-90B	70132-0404	20471071	1/4-19	7/16-20
BPM04-JCXF06-90B	70132-0406	20471072	1/4-19	9/16-18
BPM06-JCFX06-90B	70132-0606	20471073	3/8-19	9/16-18
BPM06-JCFX08-90B	70132-0608	20471074	3/8-19	3/4-16
BPM08-JCFX06-90B	70132-0806	20471075	1/2-14	9/16-18
BPM08-JCFX08-90B	70132-0808	20471076	1/2-14	3/4-16
BPM08-JCFX10-90B	70132-0810	20471077	1/2-14	7/8-14
BPM10-JCFX10-90B	70132-1010	20471078	5/8-14	7/8-14
BPM12-JCFX12-90B	70132-1212	20471079	3/4-14	1 1/16-12

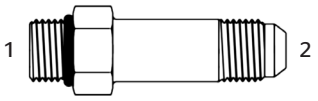
BSPP, Male – JIC 37°, Male



Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 JCM
BPM02-JCM04	70135-0204	20282150	1/8-28	7/16-20
BPM02-JCM05	70135-0205	20282156	1/8-28	1/2-20
BPM02-JCM06	70135-0206	20282160	1/8-28	9/16-18
BPM04-JCM04	70135-0404	20282151	1/4-19	7/16-20
BPM04-JCM05	70135-0405	20282157	1/4-19	1/2-20
BPM04-JCM06	70135-0406	20282161	1/4-19	9/16-18
BPM04-JCM08	70135-0408	20282166	1/4-19	3/4-16
BPM04-JCM10	70135-0410	20282172	1/4-19	7/8-14
BPM06-JCM04	70135-0604	20282153	3/8-19	7/16-20
BPM06-JCM05	70135-0605	20282158	3/8-19	1/2-20
BPM06-JCM06	70135-0606	20282162	3/8-19	9/16-18
BPM06-JCM08	70135-0608	20282167	3/8-19	3/4-16
BPM06-JCM10	70135-0610	20282173	3/8-19	7/8-14
BPM06-JCM12	70135-0612	20282179	3/8-19	1 1/16-12
BPM08-JCM04	70135-0804	20282154	1/2-14	7/16-20
BPM08-JCM05	70135-0805	20282159	1/2-14	1/2-20
BPM08-JCM06	70135-0806	20282163	1/2-14	9/16-18
BPM08-JCM08	70135-0808	20282168	1/2-14	3/4-16
BPM08-JCM10	70135-0810	20282175	1/2-14	7/8-14
BPM08-JCM12	70135-0812	20282180	1/2-14	1 1/16-12
BPM08-JCM16	70135-0816	20282187	1/2-14	1 5/16-12
BPM10-JCM06	70135-1006	20282164	5/8-14	9/16-18
BPM10-JCM08	70135-1008	20282169	5/8-14	3/4-16
BPM10-JCM10	70135-1010	20282176	5/8-14	7/8-14
BPM10-JCM12	70135-1012	20282181	5/8-14	1 1/16-12
BPM12-JCM04	70135-1204	20282155	3/4-14	7/16-20
BPM12-JCM06	70135-1206	20282165	3/4-14	9/16-18
BPM12-JCM08	70135-1208	20282170	3/4-14	3/4-16
BPM12-JCM10	70135-1210	20282177	3/4-14	7/8-14
BPM12-JCM12	70135-1212	20282182	3/4-14	1 1/16-12
BPM12-JCM14	70135-1214	20282185	3/4-14	1 3/16-12
BPM12-JCM16	70135-1216	20282188	3/4-14	1 5/16-12
BPM12-JCM20	70135-1220	20282192	3/4-14	1 5/8-12
BPM16-JCM08	70135-1608	20282171	1-11	3/4-16
BPM16-JCM10	70135-1610	20282178	1-11	7/8-14
BPM16-JCM12	70135-1612	20282183	1-11	1 1/16-12
BPM16-JCM14	70135-1614	20282186	1-11	1 3/16-12
BPM16-JCM16	70135-1616	20282189	1-11	1 5/16-12
BPM16-JCM24	70135-1624	20282195	1-11	1 7/8-12
BPM16-JCM32	70135-1632	20282198	1-11	2 1/2-12
BPM20-JCM12	70135-2012	20282184	1 1/4-11	1 1/16-12
BPM20-JCM16	70135-2016	20282190	1 1/4-11	1 5/16-12
BPM20-JCM20	70135-2020	20282193	1 1/4-11	1 5/8-12
BPM20-JCM32	70135-2032	20282199	1 1/4-11	2 1/2-12
BPM24-JCM16	70135-2416	20282191	1 1/2-11	1 5/16-12
BPM24-JCM20	70135-2420	20282194	1 1/2-11	1 5/8-12
BPM24-JCM24	70135-2424	20282196	1 1/2-11	1 7/8-12
BPM24-JCM32	70135-2432	20282200	1 1/2-11	2 1/2-12
BPM32-JCM24	70135-3224	20282197	2-11	1 7/8-12
BPM32-JCM32	70135-3232	20282202	2-11	2 1/2-12

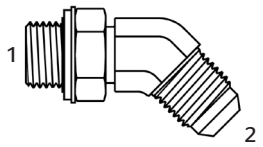
Note: For BSPP Port Seal Applications, a bonded seal (BPBS) is required.

BSPP, Male – JIC 37°, Male, Long



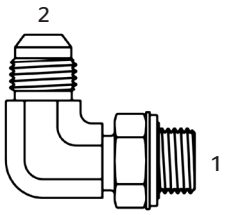
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 JCM
BPM04-JCM06-L	70136-0406	20471583	1/4-19	9/16-18
BPM06-JCM10-L	70136-0610	20471585	3/8-19	7/8-14
BPM08-JCM08-L	70136-0808	20471584	1/2-14	3/4-16
BPM12-JCM12-L	70136-1212	20471586	3/4-14	1 1/16-12
BPM16-JCM12-L	70136-1612	20471587	1-11	1 1/16-12
BPM16-JCM16-L	70136-1616	20471588	1-11	1 5/16-12
BPM20-JCM20-L	70136-2020	20471589	1 1/4-11	1 5/8-12

BSPP, Male – JIC 37°, Male, 45° Elbow



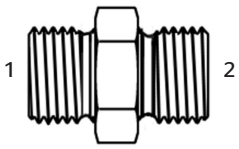
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 JCM
BPM02-JCM04-45	70138-0204	20282141	1/8-28	7/16-20
BPM04-JCM04-45	70138-0404	20282142	1/4-19	7/16-20
BPM04-JCM06-45	70138-0406	20282143	1/4-19	9/16-18
BPM06-JCM06-45	70138-0606	20282144	3/8-19	9/16-18
BPM06-JCM08-45	70138-0608	20282145	3/8-19	3/4-16
BPM08-JCM08-45	70138-0808	20282147	1/2-14	3/4-16
BPM08-JCM10-45	70138-0810	20471222	1/2-14	7/8-14
BPM08-JCM12-45	70138-0812	20471223	1/2-14	1 1/16-12
BPM12-JCM12-45	70138-1212	20282148	3/4-14	1 1/16-12
BPM16-JCM16-45	70138-1616	20282149	1-11	1 5/16-12
BPM20-JCM20-45	70138-2020	20471590	1 1/4-11	1 5/8-12

BSPP, Male – JIC 37°, Male, 90° Elbow



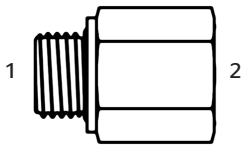
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 JCM
BPM02-JCM04-90	70140-0204	20282118	1/8-28	7/16-20
BPM02-JCM05-90	70140-0205	20282120	1/8-28	1/2-20
BPM04-JCM04-90	70140-0404	20282119	1/4-19	7/16-20
BPM04-JCM05-90	70140-0405	20471220	1/4-19	1/2-20
BPM04-JCM06-90	70140-0406	20282121	1/4-19	9/16-18
BPM04-JCM08-90	70140-0408	20282124	1/4-19	3/4-16
BPM06-JCM04-90	70140-0604	20471219	3/8-19	7/16-20
BPM06-JCM05-90	70140-0605	20471221	3/8-19	1/2-20
BPM06-JCM06-90	70140-0606	20282122	3/8-19	9/16-18
BPM06-JCM08-90	70140-0608	20282125	3/8-19	3/4-16
BPM06-JCM10-90	70140-0610	20282128	3/8-19	7/8-14
BPM08-JCM06-90	70140-0806	20282123	1/2-14	9/16-18
BPM08-JCM08-90	70140-0808	20282126	1/2-14	3/4-16
BPM08-JCM10-90	70140-0810	20282129	1/2-14	7/8-14
BPM08-JCM12-90	70140-0812	20282131	1/2-14	1 1/16-12
BPM12-JCM08-90	70140-1208	20282127	3/4-14	3/4-16
BPM12-JCM10-90	70140-1210	20282130	3/4-14	7/8-14
BPM12-JCM12-90	70140-1212	20282132	3/4-14	1 1/16-12
BPM12-JCM16-90	70140-1216	20282134	3/4-14	1 5/16-12
BPM16-JCM12-90	70140-1612	20282133	1-11	1 1/16-12
BPM16-JCM16-90	70140-1616	20282135	1-11	1 5/16-12
BPM16-JCM20-90	70140-1620	20282137	1-11	1 5/8-12
BPM20-JCM16-90	70140-2016	20282136	1 1/4-11	1 5/16-12
BPM20-JCM20-90	70140-2020	20282138	1 1/4-11	1 5/8-12
BPM20-JCM24-90	70140-2024	20282139	1 1/4-11	1 7/8-12
BPM24-JCM24-90	70140-2424	20282140	1 1/2-11	1 7/8-12

BSPP, Male – Metric Port, Male



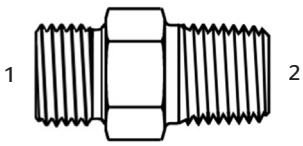
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 MPM
BPM02-MPM10X1.0	70143-0210	20471232	1/8-28	10 X 1.0
BPM02-MPM12X1.5	70143-0212	20471233	1/8-28	12 X 1.5
BPM02-MPM14X1.5	70143-0214	20471234	1/8-28	14 X 1.5
BPM04-MPM10X1.0	70143-0410	20471235	1/4-19	10 X 1.0
BPM04-MPM12X1.5	70143-0412	20471236	1/4-19	12 X 1.5
BPM04-MPM14X1.5	70143-0414	20471237	1/4-19	14 X 1.5
BPM04-MPM16X1.5	70143-0416	20471238	1/4-19	16 X 1.5
BPM04-MPM18X1.5	70143-0418	20471239	1/4-19	18 X 1.5
BPM04-MPM22X1.5	70143-0422	20471240	1/4-19	22 X 1.5
BPM06-MPM12X1.5	70143-0612	20471241	3/8-19	12 X 1.5
BPM06-MPM14X1.5	70143-0614	20471242	3/8-19	14 X 1.5
BPM06-MPM16X1.5	70143-0616	20471243	3/8-19	16 X 1.5
BPM06-MPM18X1.5	70143-0618	20471244	3/8-19	18 X 1.5
BPM06-MPM20X1.5	70143-0620	20471245	3/8-19	20 X 1.5
BPM06-MPM22X1.5	70143-0622	20471246	3/8-19	22 X 1.5
BPM08-MPM12X1.5	70143-0812	20471247	1/2-14	12 X 1.5
BPM08-MPM14X1.5	70143-0814	20471248	1/2-14	14 X 1.5
BPM08-MPM16X1.5	70143-0816	20471249	1/2-14	16 X 1.5
BPM08-MPM18X1.5	70143-0818	20471250	1/2-14	18 X 1.5
BPM08-MPM22X1.5	70143-0822	20471251	1/2-14	22 X 1.5
BPM08-MPM24X1.5	70143-0824	20471252	1/2-14	24 X 1.5
BPM08-MPM26X1.5	70143-0826	20471253	1/2-14	26 X 1.5
BPM10-MPM22X1.5	70143-1022	20471254	5/8-14	22 X 1.5
BPM10-MPM26X1.5	70143-1026	20471255	5/8-14	26 X 1.5
BPM12-MPM16X1.5	70143-1216	20471256	3/4-14	16 X 1.5
BPM12-MPM18X1.5	70143-1218	20471257	3/4-14	18 X 1.5
BPM12-MPM20X1.5	70143-1220	20471258	3/4-14	20 X 1.5
BPM12-MPM22X1.5	70143-1222	20471259	3/4-14	22 X 1.5
BPM12-MPM24X1.5	70143-1224	20471260	3/4-14	24 X 1.5
BPM12-MPM26X1.5	70143-1226	20471261	3/4-14	26 X 1.5
BPM12-MPM30X2.0	70143-1230	20471262	3/4-14	30 X 2.0
BPM16-MPM18X1.5	70143-1618	20471592	1-11	18 X 1.5
BPM16-MPM22X1.5	70143-1622	20471593	1-11	22 X 1.5
BPM16-MPM26X1.5	70143-1626	20471594	1-11	26 X 1.5
BPM16-MPM28X2.0	70143-1628	20471595	1-11	28 X 2.0
BPM16-MPM30X2.0	70143-1630	20471596	1-11	30 X 2.0
BPM16-MPM36X1.5	70143-1636	20471597	1-11	36 X 1.5
BPM16-MPM38X2.0	70143-1638	20471598	1-11	38 X 2.0
BPM20-MPM30X2.0	70143-2030	20471599	1 1/4-11	30 X 2.0
BPM20-MPM38X2.0	70143-2038	20471600	1 1/4-11	38 X 2.0
BPM24-MPM38X2.0	70143-2438	20471601	1 1/2-11	38 X 2.0
BPM24-MPM45X1.5	70143-2445	20471602	1 1/2-11	45 X 1.5
BPM32-MPM45X1.5	70143-3245	20471603	2-11	45 X 1.5
BPM32-MPM52X2.0	70143-3252	20471604	2-11	52 X 2.0

BSPP, Male - NPTF, Female



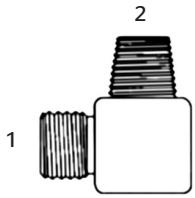
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 NPF
BPM02-NPF02	70145-0202	20282099	1/8-28	1/8-27
BPM02-NPF04	70145-0204	20282100	1/8-28	1/4-18
BPM04-NPF02	70145-0402	20282101	1/4-19	1/8-27
BPM04-NPF04	70145-0404	20282102	1/4-19	1/4-18
BPM04-NPF06	70145-0406	20471080	1/4-19	3/8-18
BPM04-NPF08	70145-0408	20466090	1/4-19	1/2-14
BPM06-NPF02	70145-0602	20282103	3/8-19	1/8-27
BPM06-NPF04	70145-0604	20282104	3/8-19	1/4-18
BPM06-NPF06	70145-0606	20282105	3/8-19	3/8-18
BPM06-NPF08	70145-0608	20471081	3/8-19	1/2-14
BPM08-NPF02	70145-0802	20282106	1/2-14	1/8-27
BPM08-NPF04	70145-0804	20282107	1/2-14	1/4-18
BPM08-NPF06	70145-0806	20282108	1/2-14	3/8-18
BPM08-NPF08	70145-0808	20282109	1/2-14	1/2-14
BPM12-NPF04	70145-1204	20282110	3/4-14	1/4-18
BPM12-NPF06	70145-1206	20282111	3/4-14	3/8-18
BPM12-NPF08	70145-1208	20282112	3/4-14	1/2-14
BPM12-NPF12	70145-1212	20282113	3/4-14	3/4-14
BPM16-NPF04	70145-1604	20471482	1-11	1/4-18
BPM16-NPF06	70145-1606	20471483	1-11	3/8-18
BPM16-NPF08	70145-1608	20471484	1-11	1/2-14
BPM16-NPF16	70145-1616	20282114	1-11	1-11½
BPM20-NPF12	70145-2012	20471485	1¼-11	3/4-14
BPM20-NPF16	70145-2016	20471486	1¼-11	1-11½
BPM20-NPF20	70145-2020	20282116	1¼-11	1¼-11½
BPM24-NPF12	70145-2412	20471487	1½-11	3/4-14
BPM24-NPF16	70145-2416	20471488	1½-11	1-11½
BPM24-NPF20	70145-2420	20471489	1½-11	1¼-11½
BPM24-NPF24	70145-2424	20282117	1½-11	1½-11½
BPM24-NPF32	70145-2432	20471490	1½-11	2-11½
BPM32-NPF12	70145-3212	20471491	2-11	3/4-14
BPM32-NPF24	70145-3224	20471492	2-11	1½-11½
BPM32-NPF32	70145-3232	20471493	2-11	2-11½
BPM40-NPF24	70145-4024	20471494	2½-11	1 ½-11½
BPM40-NPF32	70145-4032	20471495	2½-11	2-11½
BPM40-NPF40	70145-4040	20471496	2½-11	2½-8
BPM48-NPF32	70145-4832	20471497	3-11	2-11½
BPM48-NPF48	70145-4848	20471498	3-11	3-8

BSPP, Male - NPTF, Male



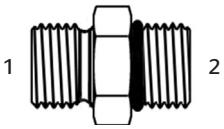
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 NPM
BPM02-NPM02	70150-0202	20282203	1/8-28	1/8-27
BPM02-NPM04	70150-0204	20282204	1/8-28	1/4-18
BPM04-NPM02	70150-0402	20282205	1/4-19	1/8-27
BPM04-NPM04	70150-0404	20282206	1/4-19	1/4-18
BPM04-NPM06	70150-0406	20282207	1/4-19	3/8-18
BPM04-NPM08	70150-0408	20282208	1/4-19	1/2-14
BPM06-NPM02	70150-0602	20282209	3/8-19	1/8-27
BPM06-NPM04	70150-0604	20282210	3/8-19	1/4-18
BPM06-NPM06	70150-0606	20282211	3/8-19	3/8-18
BPM06-NPM08	70150-0608	20282212	3/8-19	1/2-14
BPM06-NPM12	70150-0612	20282213	3/8-19	3/4-14
BPM06-NPM16	70150-0616	20282214	3/8-19	1-11½
BPM08-NPM04	70150-0804	20282215	1/2-14	1/4-18
BPM08-NPM06	70150-0806	20282216	1/2-14	3/8-18
BPM08-NPM08	70150-0808	20282217	1/2-14	1/2-14
BPM08-NPM12	70150-0812	20282218	1/2-14	3/4-14
BPM08-NPM16	70150-0816	20282220	1/2-14	1-11½
BPM10-NPM08	70150-1008	20282221	5/8-14	1/2-14
BPM10-NPM12	70150-1012	20282222	5/8-14	3/4-14
BPM12-NPM04	70150-1204	20282223	3/4-14	1/4-18
BPM12-NPM06	70150-1206	20282224	3/4-14	3/8-18
BPM12-NPM08	70150-1208	20282225	3/4-14	1/2-14
BPM12-NPM12	70150-1212	20282226	3/4-14	3/4-14
BPM12-NPM16	70150-1216	20282227	3/4-14	1-11½
BPM12-NPM20	70150-1220	20282228	3/4-14	1¼-11½
BPM16-NPM08	70150-1608	20282229	1-11	1/2-14
BPM16-NPM12	70150-1612	20282230	1-11	3/4-14
BPM16-NPM16	70150-1616	20282231	1-11	1-11½
BPM16-NPM20	70150-1620	20282232	1-11	1¼-11½
BPM16-NPM24	70150-1624	20282233	1-11	1½-11½
BPM20-NPM16	70150-2016	20282234	1¼-11	1-11½
BPM20-NPM20	70150-2020	20282235	1¼-11	1¼-11½
BPM20-NPM24	70150-2024	20282237	1¼-11	1½-11½
BPM24-NPM12	70150-2412	20282238	1½-11	3/4-14
BPM24-NPM16	70150-2416	20282239	1½-11	1-11½
BPM24-NPM20	70150-2420	20282240	1½-11	1¼-11½
BPM24-NPM24	70150-2424	20282241	1½-11	1½-11½
BPM24-NPM32	70150-2432	20282242	1½-11	2-11½
BPM32-NPM20	70150-3220	20282243	2-11	1¼-11½
BPM32-NPM24	70150-3224	20282244	2-11	1½-11½
BPM32-NPM32	70150-3232	20282245	2-11	2-11½
BPM32-NPM40	70150-3240	20471625	2-11	2½-8
BPM32-NPM48	70150-3248	20471626	2-11	3-8
BPM40-NPM32	70150-4032	20282246	2½-11	2-11½
BPM40-NPM40	70150-4040	20282247	2½-11	2½-8
BPM40-NPM48	70150-4048	20471627	2½-11	3-8
BPM48-NPM48	70150-4848	20282249	3-11	3-8
BPM64-NPM64	70150-6464	20471628	4-11	4-8

BSPP, Male – NPTF, Male, 90° Elbow



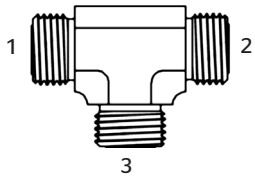
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 NPM
BPM02-NPM02-90	70150.5-0202	20471272	1/8-28	1/8-27
BPM04-NPM04-90	70150.5-0404	20471273	1/4-19	1/4-18
BPM06-NPM06-90	70150.5-0606	20471274	3/8-19	3/8-18
BPM08-NPM08-90	70150.5-0808	20471275	1/2-14	1/2-14
BPM12-NPM12-90	70150.5-1212	20471276	3/4-14	3/4-14
BPM16-NPM16-90	70150.5-1616	20471637	1-11	1-11½

BSPP, Male – OR Boss, Male



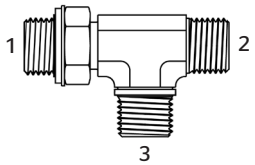
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 OBM
BPM04-OBM04	70151-0404	20471189	1/4-19	7/16-20
BPM04-OBM05	70151-0405	20471192	1/4-19	1/2-20
BPM04-OBM06	70151-0406	20471194	1/4-19	9/16-18
BPM04-OBM08	70151-0408	20471197	1/4-19	3/4-16
BPM06-OBM04	70151-0604	20471190	3/8-19	7/16-20
BPM06-OBM05	70151-0605	20471193	3/8-19	1/2-20
BPM06-OBM06	70151-0606	20471195	3/8-19	9/16-18
BPM06-OBM08	70151-0608	20471198	3/8-19	3/4-16
BPM06-OBM10	70151-0610	20471202	3/8-19	7/8-14
BPM08-OBM04	70151-0804	20471191	1/2-14	7/16-20
BPM08-OBM06	70151-0806	20471196	1/2-14	9/16-18
BPM08-OBM08	70151-0808	20471199	1/2-14	3/4-16
BPM08-OBM10	70151-0810	20471203	1/2-14	7/8-14
BPM08-OBM12	70151-0812	20471206	1/2-14	1 1/16-12
BPM10-OBM08	70151-1008	20471200	5/8-14	3/4-16
BPM10-OBM10	70151-1010	20471204	5/8-14	7/8-14
BPM12-OBM08	70151-1208	20471201	3/4-14	3/4-16
BPM12-OBM10	70151-1210	20471205	3/4-14	7/8-14
BPM12-OBM12	70151-1212	20471207	3/4-14	1 1/16-12
BPM16-OBM12	70151-1612	20471208	1-11	1 1/16-12
BPM16-OBM16	70151-1616	20471560	1-11	1 5/16-12
BPM16-OBM20	70151-1620	20471562	1-11	1 5/8-12
BPM20-OBM16	70151-2016	20471561	1¼-11	1 5/16-12
BPM20-OBM20	70151-2020	20471563	1¼-11	1 5/8-12
BPM20-OBM24	70151-2024	20471565	1¼-11	1 7/8-12
BPM24-OBM20	70151-2420	20471564	1½-11	1 5/8-12

BSPP, Male – ORFS, Male – ORFS, Male Tee



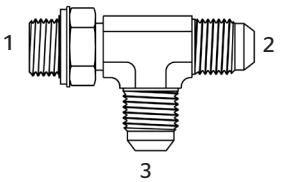
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 & 3 OFM
BPM04-OFM06-OFM06	70151.5-0406	20472020	1/4-19	11/16-16
BPM06-OFM06-OFM06	70151.5-0606	20472021	3/8-19	11/16-16
BPM06-OFM08-OFM08	70151.5-0608	20472022	3/8-19	13/16-16
BPM08-OFM08-OFM08	70151.5-0808	20472023	1/2-14	13/16-16
BPM08-OFM10-OFM10	70151.5-0810	20472024	1/2-14	1-14
BPM12-OFM12-OFM12	70151.5-1212	20472025	3/4-14	1 3/16-12
BPM16-OFM12-OFM12	70151.5-1612	20472026	1-11	1 3/16-12
BPM16-OFM16-OFM16	70151.5-1616	20472027	1-11	1 7/16-12

BSPP, Male, Swivel – BSPP, Male – BSPP, Male Tee



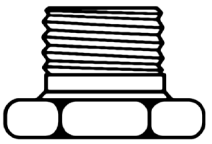
Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 & 3 BPM
BPMX04-BPM04-BPM04	70152-0404	20471689	1/4-19	1/4-19
BPMX04-BPM06-BPM06	70152-0406	20471690	1/4-19	3/8-19
BPMX06-BPM06-BPM06	70152-0606	20471691	3/8-19	3/8-19
BPMX06-BPM08-BPM08	70152-0608	20471692	3/8-19	1/2-14
BPMX08-BPM08-BPM08	70152-0808	20471693	1/2-14	1/2-14
BPMX12-BPM12-BPM12	70152-1212	20471694	3/4-14	3/4-14

BSPP, Male (Adjustable) – JIC 37° , Male – JIC 37°, Male Tee



Descriptive #	Product #	SAP #	Thread Size 1 BPM	Thread Size 2 & 3 JCM
BPMX04-JCM04-JCM04	70152.5-0404	20471701	1/4-19	7/16-20
BPMX04-JCM05-JCM05	70152.5-0405	20471702	1/4-19	1/2-20
BPMX04-JCM06-JCM06	70152.5-0406	20471703	1/4-19	9/16-18
BPMX06-JCM06-JCM06	70152.5-0606	20471704	3/8-19	9/16-18
BPMX06-JCM08-JCM08	70152.5-0608	20471705	3/8-19	3/4-16
BPMX08-JCM08-JCM08	70152.5-0808	20471706	1/2-14	3/4-16
BPMX12-JCM12-JCM12	70152.5-1212	20471707	3/4-14	1 1/16-12
BPMX16-JCM16-JCM16	70152.5-1616	20471708	1-11	1 5/16-12

BSPP, Plug

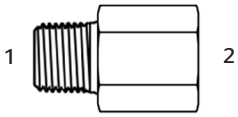


Descriptive #	Product #	SAP #	Thread Size BPM
BPP02	70153-0002	20282027	1/8-28
BPP04	70153-0004	20282028	1/4-19
BPP06	70153-0006	20282029	3/8-19
BPP08	70153-0008	20282030	1/2-14
BPP10	70153-0010	20471424	5/8-14
BPP12	70153-0012	20282031	3/4-14
BPP16	70153-0016	20282032	1-11
BPP20	70153-0020	20282033	1¼-11
BPP24	70153-0024	20282034	1½-11
BPP32	70153-0032	20471425	2-11
BPP40	70153-0040	20471426	2½-11
BPP48	70153-0048	20471427	3-11

BSPT, Hollow Hex Countersunk Plug

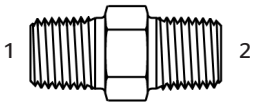
Descriptive #	Product #	SAP #	Thread Size BTM
BTHHP02	70153.3-0002	20471509	1/8-28
BTHHP04	70153.3-0004	20471510	1/4-19
BTHHP06	70153.3-0006	20471511	3/8-19
BTHHP08	70153.3-0008	20471512	1/2-14
BTHHP12	70153.3-0012	20471513	3/4-14
BTHHP16	70153.3-0016	20471514	1-11

BSPT, Male – BSPT, Female Reducer Bushing



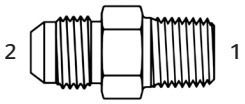
Descriptive #	Product #	SAP #	Thread Size 1 BTM	Thread Size 2 BTF
BTM04-BTFRB02	70153.6-0402	20471102	1/4-19	1/8-28
BTM06-BTFRB02	70153.6-0602	20471103	3/8-19	1/8-28
BTM06-BTFRB04	70153.6-0604	20471104	3/8-19	1/4-19
BTM08-BTFRB04	70153.6-0804	20471105	1/2-14	1/4-19
BTM08-BTFRB06	70153.6-0806	20471106	1/2-14	3/8-19
BTM12-BTFRB06	70153.6-1206	20471107	3/4-14	3/8-19
BTM12-BTFRB08	70153.6-1208	20471108	3/4-14	1/2-14
BTM16-BTFRB08	70153.6-1608	20471507	1-11	1/2-14
BTM16-BTFRB12	70153.6-1612	20471508	1-11	3/4-14

BSPT, Male – BSPT, Male Hex Nipple



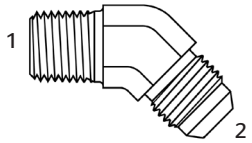
Descriptive #	Product #	SAP #	Thread Size 1 BTM	Thread Size 2 BTM
BTM02-BTMHN02	70154-0202	20471109	1/8-28	1/8-28
BTM02-BTMHN04	70154-0204	20471110	1/8-28	1/4-19
BTM02-BTMHN06	70154-0206	20471112	1/8-28	3/8-19
BTM04-BTMHN04	70154-0404	20471111	1/4-19	1/4-19
BTM04-BTMHN06	70154-0406	20471113	1/4-19	3/8-19
BTM04-BTMHN08	70154-0408	20471115	1/4-19	1/2-14
BTM06-BTMHN06	70154-0606	20471114	3/8-19	3/8-19
BTM06-BTMHN08	70154-0608	20471116	3/8-19	1/2-14
BTM08-BTMHN08	70154-0808	20471117	1/2-14	1/2-14
BTM08-BTMHN12	70154-0812	20471119	1/2-14	3/4-14
BTM10-BTMHN10	70154-1010	20471118	5/8-14	5/8-14
BTM12-BTMHN12	70154-1212	20471120	3/4-14	3/4-14
BTM12-BTMHN16	70154-1216	20471515	3/4-14	1-11
BTM16-BTMHN16	70154-1616	20471516	1-11	1-11
BTM16-BTMHN20	70154-1620	20471517	1-11	1¼-11
BTM20-BTMHN20	70154-2020	20471518	1¼-11	1¼-11
BTM24-BTMHN24	70154-2424	20471519	1½-11	1½-11
BTM32-BTMHN32	70154-3232	20471520	2-11	2-11
BTM40-BTMHN40	70154-4040	20471521	2½-11	2½-11
BTM48-BTMHN48	70154-4848	20471522	3-11	3-11

BSPT, Male – JIC 37°, Male



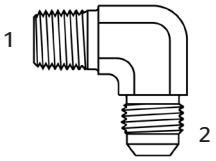
Descriptive #	Product #	SAP #	Thread Size 1 BTM	Thread Size 2 JCM
BTM02-JCM04	70155-0204	20282263	1/8-28	7/16-20
BTM02-JCM05	70155-0205	20282266	1/8-28	1/2-20
BTM02-JCM06	70155-0206	20282268	1/8-28	9/16-18
BTM04-JCM04	70155-0404	20282264	1/4-19	7/16-20
BTM04-JCM05	70155-0405	20282267	1/4-19	1/2-20
BTM04-JCM06	70155-0406	20282269	1/4-19	9/16-18
BTM04-JCM08	70155-0408	20282272	1/4-19	3/4-16
BTM06-JCM04	70155-0604	20282265	3/8-19	7/16-20
BTM06-JCM05	70155-0605	20471008	3/8-19	1/2-20
BTM06-JCM06	70155-0606	20282270	3/8-19	9/16-18
BTM06-JCM08	70155-0608	20282273	3/8-19	3/4-16
BTM06-JCM10	70155-0610	20282276	3/8-19	7/8-14
BTM08-JCM06	70155-0806	20282271	1/2-14	9/16-18
BTM08-JCM08	70155-0808	20282274	1/2-14	3/4-16
BTM08-JCM10	70155-0810	20282277	1/2-14	7/8-14
BTM08-JCM12	70155-0812	20282279	1/2-14	1 1/16-12
BTM12-JCM08	70155-1208	20282275	3/4-14	3/4-16
BTM12-JCM10	70155-1210	20282278	3/4-14	7/8-14
BTM12-JCM12	70155-1212	20282280	3/4-14	1 1/16-12
BTM12-JCM14	70155-1214	20471417	3/4-14	1 3/16-12
BTM12-JCM16	70155-1216	20282282	3/4-14	1 5/16-12
BTM16-JCM08	70155-1608	20471009	1-11	3/4-16
BTM16-JCM12	70155-1612	20282281	1-11	1 1/16-12
BTM16-JCM16	70155-1616	20282283	1-11	1 5/16-12
BTM16-JCM20	70155-1620	20282285	1-11	1 5/8-12
BTM20-JCM16	70155-2016	20282284	1¼-11	1 5/16-12
BTM20-JCM20	70155-2020	20282286	1¼-11	1 5/8-12
BTM24-JCM20	70155-2420	20471418	1½-11	1 5/8-12
BTM24-JCM24	70155-2424	20282287	1½-11	1 7/8-12
BTM32-JCM24	70155-3224	20471419	2-11	1 7/8-12
BTM32-JCM32	70155-3232	20471420	2-11	2½-12

BSPT, Male – JIC 37°, Male 45° Elbow



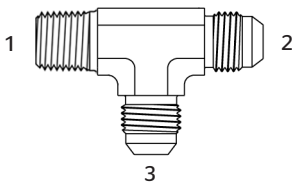
Descriptive #	Product #	SAP #	Thread Size 1 BTM	Thread Size 2 JCM
BTM02-JCM04-45	70156-0204	20471095	1/8-28	7/16-20
BTM04-JCM04-45	70156-0404	20471096	1/4-19	7/16-20
BTM04-JCM06-45	70156-0406	20471097	1/4-19	9/16-18
BTM06-JCM06-45	70156-0606	20471098	3/8-19	9/16-18
BTM06-JCM08-45	70156-0608	20471099	3/8-19	3/4-16
BTM08-JCM08-45	70156-0808	20471100	1/2-14	3/4-16
BTM12-JCM12-45	70156-1212	20471101	3/4-14	1 1/16-12
BTM12-JCM16-45	70156-1216	20471504	3/4-14	1 5/16-12
BTM16-JCM16-45	70156-1616	20471505	1-11	1 5/16-12
BTM20-JCM20-45	70156-2020	20471506	1 1/4-11	1 5/8-12

BSPT, Male – JIC 37°, Male 90° Elbow



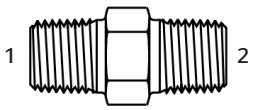
Descriptive #	Product #	SAP #	Thread Size 1 BTM	Thread Size 2 JCM
BTM02-JCM04-90	70157-0204	20471082	1/8-28	7/16-20
BTM02-JCM05-90	70157-0205	20471084	1/8-28	1/2-20
BTM04-JCM04-90	70157-0404	20471083	1/4-19	7/16-20
BTM04-JCM05-90	70157-0405	20471085	1/4-19	1/2-20
BTM04-JCM06-90	70157-0406	20471086	1/4-19	9/16-18
BTM06-JCM06-90	70157-0606	20471087	3/8-19	9/16-18
BTM06-JCM08-90	70157-0608	20471089	3/8-19	3/4-16
BTM08-JCM06-90	70157-0806	20471088	1/2-14	9/16-18
BTM08-JCM08-90	70157-0808	20471090	1/2-14	3/4-16
BTM08-JCM10-90	70157-0810	20471091	1/2-14	7/8-14
BTM08-JCM12-90	70157-0812	20471092	1/2-14	1 1/16-12
BTM12-JCM12-90	70157-1212	20471093	3/4-14	1 1/16-12
BTM12-JCM16-90	70157-1216	20471499	3/4-14	1 5/16-12
BTM16-JCM12-90	70157-1612	20471094	1-11	1 1/16-12
BTM16-JCM16-90	70157-1616	20471500	1-11	1 5/16-12
BTM20-JCM20-90	70157-2020	20471501	1 1/4-11	1 5/8-12
BTM24-JCM24-90	70157-2424	20471502	1 1/2-11	1 7/8-12
BTM32-JCM32-90	70157-3232	20471503	2-11	2 1/2-12

BSPT, Male – JIC 37°, Male – JIC 37°, Male Tee



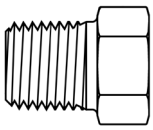
Descriptive #	Product #	SAP #	Thread Size 1 BTM	Thread Size 2 & 3 JCM
BTM04-JCM04-JCM04	70158-0404	20471567	1/4-19	7/16-20
BTM04-JCM06-JCM06	70158-0406	20471568	1/4-19	9/16-18
BTM06-JCM08-JCM08	70158-0608	20471569	3/8-19	3/4-16
BTM08-JCM10-JCM10	70158-0810	20471570	1/2-14	7/8-14
BTM12-JCM12-JCM12	70158-1212	20471571	3/4-14	1 1/16-12

BSPT, Male – NPTF, Male



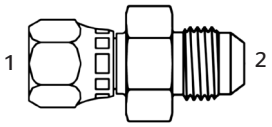
Descriptive #	Product #	SAP #	Thread Size 1 BTM	Thread Size 2 NPM
BTM04-NPM02	70159-0402	20471121	1/4-19	1/8-27
BTM04-NPM04	70159-0404	20471122	1/4-19	1/4-18
BTM04-NPM06	70159-0406	20471123	1/4-19	3/8-18
BTM06-NPM04	70159-0604	20471124	3/8-19	1/4-18
BTM06-NPM06	70159-0606	20471125	3/8-19	3/8-18
BTM08-NPM08	70159-0808	20471126	1/2-14	1/2-14
BTM12-NPM12	70159-1212	20471127	3/4-14	3/4-14
BTM16-NPM16	70159-1616	20471523	1-11	1-11 1/2
BTM20-NPM20	70159-2020	20471524	1 1/2-11	1 1/4-11 1/2
BTM24-NPM24	70159-2424	20471525	1 1/2-11	1 1/2-11 1/2
BTM40-NPM40	70159-4040	20471526	2 1/2-11	2 1/2-8
BTM48-NPM48	70159-4848	20471527	3-11	3-8

BSPT, Plug



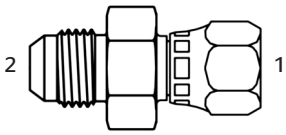
Descriptive #	Product #	SAP #	Thread Size BTM
BTP02	70160-0002	20282288	1/8-28
BTP04	70160-0004	20282289	1/4-19
BTP06	70160-0006	20282290	3/8-19
BTP08	70160-0008	20282291	1/2-14
BTP10	70160-0010	20282292	5/8-14
BTP12	70160-0012	20282293	3/4-14
BTP16	70160-0016	20282294	1-11
BTP20	70160-0020	20282295	1¼-11
BTP24	70160-0024	20282296	1½-11
BTP32	70160-0032	20282297	2-11

DIN 24°H, Female, Swivel – JIC 37°, Male



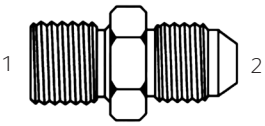
Descriptive #	Product #	SAP #	Thread Size 1 DHF	Thread Size 2 JCM
DHFX12-JCM06	70195-1206	20282397	20 X 1.5	9/16-18
DHFX12-JCM08	70195-1208	20282401	20 X 1.5	3/4-16
DHFX12-JCM10	70195-1210	20282404	20 X 1.5	7/8-14

DIN 24°L, Female, Swivel – JIC 37°, Male



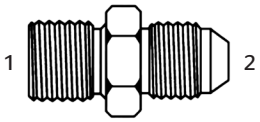
Descriptive #	Product #	SAP #	Thread Size 1 DLF	Thread Size 2 JCM
DLFX06-JCM05	70205-0605	20282392	12 X 1.5	1/2-20
DLFX08-JCM06	70205-0806	20282393	14 X 1.5	9/16-18
DLFX10-JCM06	70205-1006	20282395	16 X 1.5	9/16-18
DLFX10-JCM08	70205-1008	20282399	16 X 1.5	3/4-16
DLFX12-JCM06	70205-1206	20282396	18 X 1.5	9/16-18
DLFX12-JCM08	70205-1208	20282400	18 X 1.5	3/4-16
DLFX12-JCM10	70205-1210	20282403	18 X 1.5	7/8-14
DLFX15-JCM06	70205-1506	20282398	22 X 1.5	9/16-18
DLFX15-JCM08	70205-1508	20282402	22 X 1.5	3/4-16
DLFX15-JCM10	70205-1510	20282405	22 X 1.5	7/8-14

DIN 24°L, Male – JIC 37°, Male



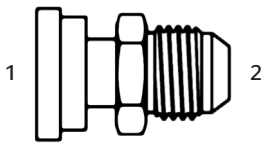
Descriptive #	Product #	SAP #	Thread Size 1 DHM	Thread Size 2 JCM
DLM12-JCM04	70210-1204	20282433	12 X 1.5	7/16-20
DLM14-JCM04	70210-1404	20282434	14 X 1.5	7/16-20
DLM14-JCM06	70210-1406	20282435	14 X 1.5	9/16-18
DLM16-JCM06	70210-1606	20282436	16 X 1.5	9/16-18
DLM16-JCM08	70210-1608	20282438	16 X 1.5	3/4-16
DLM18-JCM06	70210-1806	20282437	18 X 1.5	9/16-18
DLM18-JCM08	70210-1808	20282439	18 X 1.5	3/4-16
DLM22-JCM08	70210-2208	20282440	22 X 1.5	3/4-16
DLM22-JCM10	70210-2210	20282441	22 X 1.5	7/8-14
DLM22-JCM12	70210-2212	20282443	22 X 1.5	1 1/16-12
DLM26-JCM10	70210-2610	20282442	26 X 1.5	7/8-14
DLM26-JCM12	70210-2612	20282444	26 X 1.5	1 1/16-12
DLM30-JCM12	70210-3012	20282445	30 X 2.0	1 1/16-12
DLM36-JCM16	70210-3616	20282446	36 X 2.0	1 5/16-12
DLM45-JCM20	70210-4520	20282447	45 X 2.0	1 5/8-12

DIN 24°H, Male – JIC 37°, Male



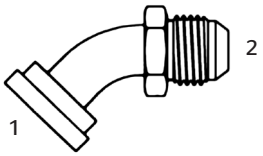
Descriptive #	Product #	SAP #	Thread Size 1 DHM	Thread Size 2 JCM
DHM14-JCM04	70200-1404	20282448	14 X 1.5	7/16-20
DHM16-JCM04	70200-1604	20282449	16 X 1.5	7/16-20
DHM16-JCM06	70200-1606	20282450	16 X 1.5	9/16-18
DHM18-JCM06	70200-1806	20282451	18 X 1.5	9/16-18
DHM18-JCM08	70200-1808	20282453	18 X 1.5	3/4-16
DHM20-JCM06	70200-2006	20282452	20 X 1.5	9/16-18
DHM20-JCM08	70200-2008	20282454	20 X 1.5	3/4-16
DHM20-JCM10	70200-2010	20282456	20 X 1.5	7/8-14
DHM22-JCM08	70200-2208	20282455	22 X 1.5	3/4-16
DHM24-JCM10	70200-2410	20282457	24 X 1.5	7/8-14
DHM30-JCM12	70200-3012	20282458	30 X 2.0	1 1/16-12
DHM36-JCM12	70200-3612	20282459	36 X 2.0	1 1/16-12
DHM42-JCM16	70200-4216	20282460	42 X 2.0	1 5/16-12
DHM52-JCM20	70200-5220	20282461	52 X 2.0	1 5/8-12
DHM52-JCM24	70200-5224	20282462	52 X 2.0	1 7/8-12

Code 62 – JIC 37°, Male



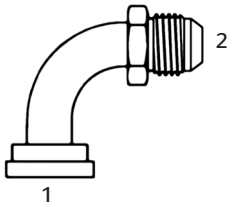
Descriptive #	Product #	SAP #	Flange Size FH	Flange OD FH	Thread Size JCM
FH08-JCM08	70220-0808	20282590	1/2	1.25	3/4-16
FH12-JCM12	70220-1212	20282591	3/4	1.62	1 1/16-12
FH12-JCM16	70220-1216	20282593	3/4	1.62	1 5/16-12
FH16-JCM12	70220-1612	20282592	1	1.88	1 1/16-12
FH16-JCM16	70220-1616	20282594	1	1.88	1 5/16-12
FH16-JCM20	70220-1620	20282597	1	1.88	1 5/8-12
FH20-JCM16	70220-2016	20282595	1 1/4	2.12	1 5/16-12
FH20-JCM20	70220-2020	20282598	1 1/4	2.12	1 5/8-12
FH24-JCM16	70220-2416	20282596	1 1/2	2.50	1 5/16-12
FH24-JCM20	70220-2420	20282599	1 1/2	2.50	1 5/8-12
FH24-JCM24	70220-2424	20282600	1 1/2	2.50	1 7/8-12
FH32-JCM32	70220-3232	20282601	2	3.12	2 1/2-12

Code 62 – JIC 37°, Male, 45° Elbow



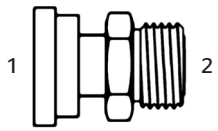
Descriptive #	Product #	SAP #	Flange Size FH	Flange OD FH	Thread Size JCM
FH12-JCM12-45	70223-1212	20282620	3/4	1.62	1 1/16-12
FH16-JCM12-45	70223-1612	20282621	1	1.88	1 1/16-12
FH16-JCM16-45	70223-1616	20282622	1	1.88	1 5/16-12
FH16-JCM20-45	70223-1620	20282625	1	1.88	1 5/8-12
FH20-JCM16-45	70223-2016	20282623	1 1/4	2.12	1 5/16-12
FH20-JCM20-45	70223-2020	20282626	1 1/4	2.12	1 5/8-12
FH24-JCM16-45	70223-2416	20282624	1 1/2	2.50	1 5/16-12
FH24-JCM20-45	70223-2420	20282627	1 1/2	2.50	1 5/8-12
FH24-JCM24-45	70223-2424	20282628	1 1/2	2.50	1 7/8-12
FH32-JCM32-45	70223-3232	20282629	2	3.12	2 1/2-12

Code 62 – JIC 37°, Male, 90° Elbow



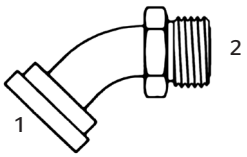
Descriptive #	Product #	SAP #	Flange Size FH	Flange OD FH	Thread Size JCM
FH08-JCM08-90	70225-0808	20282650	1/2	1.25	3/4-16
FH08-JCM12-90	70225-0812	20282651	1/2	1.25	1 1/16-12
FH12-JCM12-90	70225-1212	20282652	3/4	1.62	1 1/16-12
FH12-JCM16-90	70225-1216	20282655	3/4	1.62	1 5/16-12
FH16-JCM12-90	70225-1612	20282654	1	1.88	1 1/16-12
FH16-JCM16-90	70225-1616	20282656	1	1.88	1 5/16-12
FH16-JCM20-90	70225-1620	20282659	1	1.88	1 5/8-12
FH20-JCM16-90	70225-2016	20282657	1 1/4	2.12	1 5/16-12
FH20-JCM20-90	70225-2020	20282660	1 1/4	2.12	1 5/8-12
FH20-JCM24-90	70225-2024	20282662	1 1/4	2.12	1 7/8-12
FH24-JCM16-90	70225-2416	20282658	1 1/2	2.50	1 5/16-12
FH24-JCM20-90	70225-2420	20282661	1 1/2	2.50	1 5/8-12
FH24-JCM24-90	70225-2424	20282663	1 1/2	2.50	1 7/8-12
FH32-JCM32-90	70225-3232	20282664	2	3.12	2 1/2-12

Code 62 – ORFS, Male



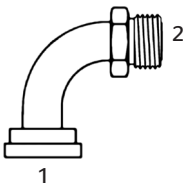
Descriptive #	Product #	SAP #	Flange Size FH	Flange OD FH	Thread Size OFM
FH12-OFM12	70230-1212	20282691	3/4	1.62	1 3/16-12
FH12-OFM16	70230-1216	20282693	3/4	1.62	1 7/16-12
FH16-OFM12	70230-1612	20282692	1	1.88	1 3/16-12
FH16-OFM16	70230-1616	20282694	1	1.88	1 7/16-12
FH16-OFM20	70230-1620	20282696	1	1.88	1 11/16-12
FH20-OFM16	70230-2016	20282695	1¼	2.12	1 7/16-12
FH20-OFM20	70230-2020	20282697	1¼	2.12	1 11/16-12
FH20-OFM24	70230-2024	20282699	1¼	2.12	2-12
FH24-OFM20	70230-2420	20282698	1½	2.50	1 11/16-12
FH24-OFM24	70230-2424	20282700	1½	2.50	2-12
FH32-OFM24	70230-3224	20282701	2	3.12	2-12

Code 62 – ORFS, Male, 45° Elbow



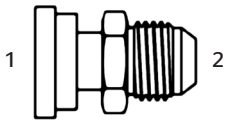
Descriptive #	Product #	SAP #	Flange Size FH	Flange OD FH	Thread Size OFM
FH12-OFM12-45	70233-1212	20282702	3/4	1.62	1 3/16-12
FH16-OFM16-45	70233-1616	20282703	1	1.88	1 7/16-12
FH20-OFM20-45	70233-2020	20282704	1¼	2.12	1 11/16-12

Code 62 – ORFS, Male, 90° Elbow



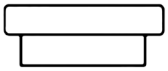
Descriptive #	Product #	SAP #	Flange Size FH	Flange OD FH	Thread Size OFM
FH12-OFM12-90	70235-1212	20282705	3/4	1.62	1 3/16-12
FH12-OFM16-90	70235-1216	20282707	3/4	1.62	1 7/16-12
FH16-OFM12-90	70235-1612	20282706	1	1.88	1 3/16-12
FH16-OFM16-90	70235-1616	20282708	1	1.88	1 7/16-12
FH16-OFM20-90	70235-1620	20282710	1	1.88	1 11/16-12
FH20-OFM16-90	70235-2016	20282709	1¼	2.12	1 7/16-12
FH20-OFM20-90	70235-2020	20282711	1¼	2.12	1 11/16-12
FH20-OFM24-90	70235-2024	20282713	1¼	2.12	2-12
FH24-OFM20-90	70235-2420	20282712	1½	2.50	1 11/16-12
FH24-OFM24-90	70235-2424	20282714	1½	2.50	2-12

Code 61 – JIC 37°, Male



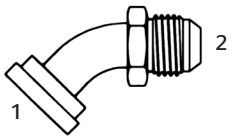
Descriptive #	Product #	SAP #	Flange Size FL	Flange OD FL	Thread Size JCM
FL08-JCM08	70240-0808	20282571	1/2	1.18	3/4-16
FL10-JCM10 (Komatsu®)	70240-1010	20282573	16mm	34mm	7/8-14
FL12-JCM08	70240-1208	20282572	3/4	1.50	3/4-16
FL12-JCM12	70240-1212	20282574	3/4	1.50	1 1/16-12
FL12-JCM14	70240-1214	20282576	3/4	1.50	1 3/16-12
FL16-JCM12	70240-1612	20282575	1	1.75	1 1/16-12
FL16-JCM16	70240-1616	20282577	1	1.75	1 5/16-12
FL16-JCM20	70240-1620	20282580	1	1.75	1 5/8-12
FL20-JCM16	70240-2016	20282578	1¼	2	1 5/16-12
FL20-JCM20	70240-2020	20282581	1¼	2	1 5/8-12
FL24-JCM16	70240-2416	20282579	1½	2.37	1 5/16-12
FL24-JCM20	70240-2420	20282582	1½	2.37	1 5/8-12
FL24-JCM24	70240-2424	20282584	1½	2.37	1 7/8-12
FL32-JCM20	70240-3220	20282583	2	2.81	1 5/8-12
FL32-JCM24	70240-3224	20282586	2	2.81	1 7/8-12
FL32-JCM32	70240-3232	20282587	2	2.81	2½-12
FL40-JCM32	70240-4032	20282588	2½	3.31	2½-12
FL40-JCM40	70240-4040	20282589	2½	3.31	3-12

Code 62 – Split Flange Plug



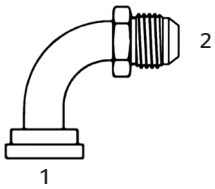
Descriptive #	Product #	SAP #	Flange Size FH	Flange OD FH
FHP-12	70236-0012	20529950	3/4	1.62
FHP-16	70236-0016	20529951	1	1.88
FHP-20	70236-0020	20529952	1¼	2.12
FHP-24	70236-0024	20529953	1½	2.50
FHP-32	70236-0032	20529954	2	3.12

Code 61 – JIC 37°, Male, 45° Elbow



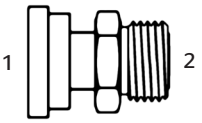
Descriptive #	Product #	SAP #	Flange Size FL	Flange OD FL	Thread Size JCM
FL08-JCM08-45	70243-0808	20282602	1/2	1.18	3/4-16
FL10-JCM10-45 Komatsu	70243-1010	20282604	16mm	34mm	7/8-14
FL12-JCM08-45	70243-1208	20282603	3/4	1.50	3/4-16
FL12-JCM12-45	70243-1212	20282605	3/4	1.50	1 1/16-12
FL16-JCM12-45	70243-1612	20282606	1	1.75	1 1/16-12
FL16-JCM16-45	70243-1616	20282609	1	1.75	1 5/16-12
FL16-JCM20-45	70243-1620	20282612	1	1.75	1 5/8-12
FL20-JCM12-45	70243-2012	20282607	1¼	2	1 1/16-12
FL20-JCM16-45	70243-2016	20282610	1¼	2	1 5/16-12
FL20-JCM20-45	70243-2020	20282613	1¼	2	1 5/8-12
FL20-JCM24-45	70243-2024	20282615	1¼	2	1 7/8-12
FL24-JCM16-45	70243-2416	20282611	1½	2.37	1 5/16-12
FL24-JCM20-45	70243-2420	20282614	1½	2.37	1 5/8-12
FL24-JCM24-45	70243-2424	20282616	1½	2.37	1 7/8-12
FL32-JCM24-45	70243-3224	20282617	2	2.81	1 7/8-12
FL32-JCM32-45	70243-3232	20282619	2	2.81	2 1/2-12
FL40-JCM24-45	70243-4024	20282618	2½	3.31	1 7/8-12

Code 61 – JIC 37°, Male, 90° Elbow



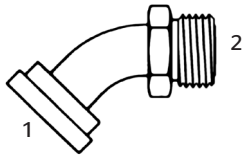
Descriptive #	Product #	SAP #	Flange Size FL	Flange OD FL	Thread Size JCM
FL08-JCM08-90	70245-0808	20282630	1/2	1.18	3/4-16
FL10-JCM10-90 (Komatsu®)	70245-1010	20282632	16mm	34mm	7/8-14
FL12-JCM08-90	70245-1208	20282631	3/4	1.50	3/4-16
FL12-JCM12-90	70245-1212	20282634	3/4	1.50	1 1/16-12
FL16-JCM10-90	70245-1610	20282633	1	1.75	7/8-14
FL16-JCM12-90	70245-1612	20282635	1	1.75	1 1/16-12
FL16-JCM16-90	70245-1616	20282637	1	1.75	1 5/16-12
FL16-JCM20-90	70245-1620	20282640	1	1.75	1 5/8-12
FL20-JCM12-90	70245-2012	20282636	1¼	2	1 1/16-12
FL20-JCM16-90	70245-2016	20282638	1¼	2	1 5/16-12
FL20-JCM20-90	70245-2020	20282642	1¼	2	1 5/8-12
FL20-JCM24-90	70245-2024	20282644	1¼	2	1 7/8-12
FL24-JCM16-90	70245-2416	20282639	1½	2.37	1 5/16-12
FL24-JCM20-90	70245-2420	20282643	1½	2.37	1 5/8-12
FL24-JCM24-90	70245-2424	20282645	1½	2.37	1 7/8-12
FL32-JCM24-90	70245-3224	20282646	2	2.81	1 7/8-12
FL32-JCM32-90	70245-3232	20282648	2	2.81	2 1/2-12
FL40-JCM24-90	70245-4024	20282647	2½	3.31	1 7/8-12
FL40-JCM32-90	70245-4032	20282649	2½	3.31	2 1/2-12

Code 61 – ORFS, Male



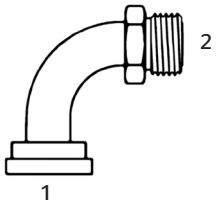
Descriptive #	Product #	SAP #	Flange Size FL	Flange OD FL	Thread Size OFM
FL12-OFM12	70250-1212	20282665	3/4	1.50	1 3/16-12
FL12-OFM16	70250-1216	20282666	3/4	1.50	1 7/16-12
FL16-OFM12	70250-1612	20282668	1	1.75	1 3/16-12
FL16-OFM16	70250-1616	20282669	1	1.75	1 7/16-12
FL16-OFM20	70250-1620	20282670	1	1.75	1 11/16-12
FL20-OFM16	70250-2016	20282671	1¼	2	1 7/16-12
FL20-OFM20	70250-2020	20282672	1¼	2	1 11/16-12
FL20-OFM24	70250-2024	20282673	1¼	2	2-12
FL24-OFM20	70250-2420	20282674	1½	2.37	1 11/16-12
FL24-OFM24	70250-2424	20282675	1½	2.37	2-12

Code 61 – ORFS, Male, 45° Elbow



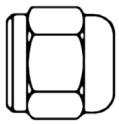
Descriptive #	Product #	SAP #	Flange Size FL	Flange OD FL	Thread Size OFM
FL12-OFM12-45	70253-1212	20282676	3/4	1.50	1 3/16-12
FL16-OFM12-45	70253-1612	20282677	1	1.75	1 3/16-12
FL16-OFM16-45	70253-1616	20282678	1	1.75	1 7/16-12
FL20-OFM16-45	70253-2016	20282679	1 1/4	2	1 7/16-12
FL24-OFM20-45	70253-2420	20282680	1 1/2	2.37	1 11/16-12

Code 61 – ORFS, Male, 90° Elbow



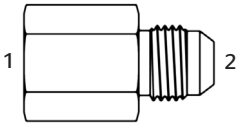
Descriptive #	Product #	SAP #	Flange Size FL	Flange OD FL	Thread Size OFM
FL12-OFM12-90	70255-1212	20282681	3/4	1.50	1 3/16-12
FL12-OFM16-90	70255-1216	20282683	3/4	1.50	1 7/16-12
FL16-OFM12-90	70255-1612	20282682	1	1.75	1 3/16-12
FL16-OFM16-90	70255-1616	20282684	1	1.75	1 7/16-12
FL16-OFM20-90	70255-1620	20282686	1	1.75	1 11/16-12
FL20-OFM16-90	70255-2016	20282685	1 1/4	2	1 7/16-12
FL20-OFM20-90	70255-2020	20282687	1 1/4	2	1 11/16-12
FL20-OFM24-90	70255-2024	20282689	1 1/4	2	2-12
FL24-OFM20-90	70255-2420	20282688	1 1/2	2.37	1 11/16-12
FL24-OFM24-90	70255-2424	20282690	1 1/2	2.37	2-12

JIC 37°, Cap



Descriptive #	Product #	SAP #	Tube OD	Thread Size JCF
JCC02	70270-0002	20431697	1/8	5/16-24
JCC02-SS	70270-0002S	20466779	1/8	5/16-24
JCC03	70270-0003	20280173	3/16	3/8-24
JCC03-SS	70270-0003S	20466597	3/16	3/8-24
JCC04	70270-0004	20280174	1/4	7/16-20
JCC04-SS	70270-0004S	20466143	1/4	7/16-20
JCC05	70270-0005	20280175	5/16	1/2-20
JCC05-SS	70270-0005S	20466144	5/16	1/2-20
JCC06	70270-0006	20280176	3/8	9/16-18
JCC06-SS	70270-0006S	20466145	3/8	9/16-18
JCC08	70270-0008	20280177	1/2	3/4-16
JCC08-SS	70270-0008S	20466146	1/2	3/4-16
JCC10	70270-0010	20280178	5/8	7/8-14
JCC10-SS	70270-0010S	20466147	5/8	7/8-14
JCC12	70270-0012	20280179	3/4	1 1/16-12
JCC12-SS	70270-0012S	20466148	3/4	1 1/16-12
JCC14	70270-0014	20280180	7/8	1 3/16-12
JCC14-SS	70270-0014S	20466598	7/8	1 3/16-12
JCC16	70270-0016	20280181	1	1 5/16-12
JCC16-SS	70270-0016S	20466149	1	1 5/16-12
JCC20	70270-0020	20280182	1 1/4	1 5/8-12
JCC20-SS	70270-0020S	20466150	1 1/4	1 5/8-12
JCC24	70270-0024	20280183	1 1/2	1 7/8-12
JCC24-SS	70270-0024S	20466151	1 1/2	1 7/8-12
JCC32	70270-0032	20280184	2	2 1/2-12
JCC32-SS	70270-0032S	20466152	2	2 1/2-12

JIC 37°, Female – JIC 37°, Male, Reducer/Expander



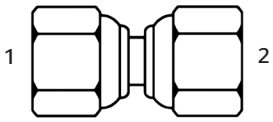
Descriptive #	Product #	SAP #	Thread Size 1 JCF	Thread Size 2 JCM
JCF03-JCMRE04	70275-0304	20279893	3/8-24	7/16-20
JCF04-JCMRE02	70275-0402	20392612	7/16-20	5/16-24
JCF04-JCMRE02-SS	70275-0402S	20465955	7/16-20	5/16-24
JCF04-JCMRE04	70275-0404	20279886	7/16-20	7/16-20
JCF04-JCMRE06	70275-0406	20279894	7/16-20	9/16-18
JCF05-JCMRE04	70275-0504	20279895	1/2-20	7/16-20
JCF05-JCMRE08	70275-0508	20279896	1/2-20	3/4-16
JCF06-JCMRE04	70275-0604	20279897	9/16-18	7/16-20
JCF06-JCMRE04-SS	70275-0604S	20466812	9/16-18	7/16-20
JCF06-JCMRE05	70275-0605	20279898	9/16-18	1/2-20
JCF06-JCMRE06	70275-0606	20279899	9/16-18	9/16-18
JCF06-JCMRE08	70275-0608	20279900	9/16-18	3/4-16
JCF08-JCMRE04	70275-0804	20279901	3/4-16	7/16-20
JCF08-JCMRE05	70275-0805	20279902	3/4-16	1/2-20
JCF08-JCMRE06	70275-0806	20279903	3/4-16	9/16-18
JCF08-JCMRE08	70275-0808	20279904	3/4-16	3/4-16
JCF08-JCMRE10	70275-0810	20279905	3/4-16	7/8-14
JCF08-JCMRE12	70275-0812	20279906	3/4-16	1 1/16-12
JCF08-JCMRE12-SS	70275-0812S	20465904	3/4-16	1 1/16-12
JCF10-JCMRE04	70275-1004	20279907	7/8-14	7/16-20
JCF10-JCMRE06	70275-1006	20279908	7/8-14	9/16-18
JCF10-JCMRE08	70275-1008	20279909	7/8-14	3/4-16
JCF10-JCMRE08-SS	70275-1008S	20465844	7/8-14	3/4-16
JCF10-JCMRE12	70275-1012	20279910	7/8-14	1 1/16-12
JCF12-JCMRE04	70275-1204	20279911	1 1/16-12	7/16-20
JCF12-JCMRE06	70275-1206	20279912	1 1/16-12	9/16-18
JCF12-JCMRE08	70275-1208	20279913	1 1/16-12	3/4-16
JCF12-JCMRE08-SS	70275-1208S	20458078	1 1/16-12	3/4-16
JCF12-JCMRE10	70275-1210	20279914	1 1/16-12	7/8-14
JCF12-JCMRE10-SS	70275-1210S	20465845	1 1/16-12	7/8-14
JCF12-JCMRE12	70275-1212	20279915	1 1/16-12	1 1/16-12
JCF12-JCMRE16	70275-1216	20279887	1 1/16-12	1 5/16-12
JCF12-JCMRE16-SS	70275-1216S	20465903	1 1/16-12	1 5/16-12
JCF14-JCMRE06	70275-1406	20279888	1 3/16-12	9/16-18
JCF14-JCMRE08	70275-1408	20279889	1 3/16-12	3/4-16
JCF14-JCMRE10	70275-1410	20279890	1 3/16-12	7/8-14
JCF14-JCMRE12	70275-1412	20279916	1 3/16-12	1 1/16-12
JCF16-JCMRE04	70275-1604	20279917	1 5/16-12	7/16-20

Descriptive #	Product #	SAP #	Thread Size 1 JCF	Thread Size 2 JCM
JCF16-JCMRE06	70275-1606	20279918	1 5/16-12	9/16-18
JCF16-JCMRE08	70275-1608	20279919	1 5/16-12	3/4-16
JCF16-JCMRE10	70275-1610	20279920	1 5/16-12	7/8-14
JCF16-JCMRE10-SS	70275-1610S	20465905	1 5/16-12	7/8-14
JCF16-JCMRE12	70275-1612	20279921	1 5/16-12	1 1/16-12
JCF16-JCMRE12-SS	70275-1612S	20458079	1 5/16-12	1 1/16-12
JCF16-JCMRE14	70275-1614	20279922	1 5/16-12	1 3/16-12
JCF16-JCMRE20	70275-1620	20279923	1 5/16-12	1 5/8-12
JCF20-JCMRE08	70275-2008	20279924	1 5/8-12	3/4-16
JCF20-JCMRE10	70275-2010	20279925	1 5/8-12	7/8-14
JCF20-JCMRE12	70275-2012	20279926	1 5/8-12	1 1/16-12
JCF20-JCMRE16	70275-2016	20279927	1 5/8-12	1 5/16-12
JCF20-JCMRE24	70275-2024	20279928	1 5/8-12	1 7/8-12
JCF24-JCMRE08	70275-2408	20279929	1 7/8-12	3/4-16
JCF24-JCMRE12	70275-2412	20279930	1 7/8-12	1 1/16-12
JCF24-JCMRE16	70275-2416	20279931	1 7/8-12	1 5/16-12
JCF24-JCMRE20	70275-2420	20279932	1 7/8-12	1 5/8-12
JCF32-JCMRE10	70275-3210	20279891	2 1/2-12	7/8-14
JCF32-JCMRE20	70275-3220	20279892	2 1/2-12	1 5/8-12
JCF32-JCMRE24	70275-3224	20279933	2 1/2-12	1 7/8-12

JIC 37°, Female, Bulkhead Lock Nut

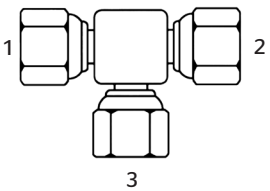
Descriptive #	Product #	SAP #	Thread Size JCF
JCFBLN03	70285-0003	20280185	3/8-24
JCFBLN03-SS	70285-0003S	20466599	3/8-24
JCFBLN04	70285-0004	20280186	7/16-20
JCFBLN04-SS	70285-0004S	20466153	7/16-20
JCFBLN05	70285-0005	20280187	1/2-20
JCFBLN05-SS	70285-0005S	20466154	1/2-20
JCFBLN06	70285-0006	20280188	9/16-18
JCFBLN06-SS	70285-0006S	20466155	9/16-18
JCFBLN08	70285-0008	20280189	3/4-16
JCFBLN08-SS	70285-0008S	20466156	3/4-16
JCFBLN10	70285-0010	20280190	7/8-14
JCFBLN10-SS	70285-0010S	20466157	7/8-14
JCFBLN12	70285-0012	20280191	1 1/16-12
JCFBLN12-SS	70285-0012S	20466158	1 1/16-12
JCFBLN14	70285-0014	20280192	1 3/16-12
JCFBLN16	70285-0016	20280193	1 5/16-12
JCFBLN16-SS	70285-0016S	20466159	1 5/16-12
JCFBLN20	70285-0020	20280194	1 5/8-12
JCFBLN20-SS	70285-0020S	20466160	1 5/8-12
JCFBLN24	70285-0024	20280195	1 7/8-12
JCFBLN24-SS	70285-0024S	20466600	1 7/8-12
JCFBLN32	70285-0032	20280196	2 1/2-12
JCFBLN32-SS	70285-0032S	20466601	2 1/2-12

JIC 37°, Female, Swivel – JIC 37°, Female, Swivel



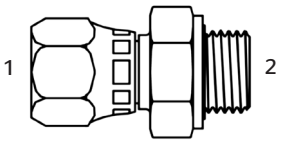
Descriptive #	Product #	SAP #	Thread Size 1 JCF	Thread Size 2 JCF
JCFX04-JCFX04	70287-0404	20431790	7/16-20	7/16-20
JCFX04-JCFX04-SS	70287-0404S	20465958	7/16-20	7/16-20
JCFX06-JCFX06	70287-0606	20431792	9/16-18	9/16-18
JCFX06-JCFX06-SS	70287-0606S	20465959	9/16-18	9/16-18
JCFX08-JCFX08	70287-0808	20431793	3/4-16	3/4-16
JCFX08-JCFX08-SS	70287-0808S	20465960	3/4-16	3/4-16
JCFX10-JCFX10	70287-1010	20357698	7/8-14	7/8-14
JCFX10-JCFX10-SS	70287-1010S	20465953	7/8-14	7/8-14
JCFX12-JCFX12	70287-1212	20431794	1 1/16-12	1 1/16-12
JCFX12-JCFX12-SS	70287-1212S	20465961	1 1/16-12	1 1/16-12
JCFX16-JCFX16	70287-1616	20431795	1 5/16-12	1 5/16-12
JCFX16-JCFX16-SS	70287-1616S	20465962	1 5/16-12	1 5/16-12

JIC 37°, Female, Swivel Tee



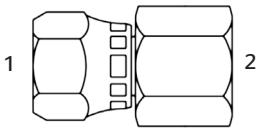
Descriptive #	Product #	SAP #	Thread Size 1, 2 & 3 JCF
JCFX04-JCFX04-JCFX04	70287.5-0404	20471732	7/16-20
JCFX06-JCFX06-JCFX06	70287.5-0606	20471733	9/16-18
JCFX08-JCFX08-JCFX08	70287.5-0808	20471734	3/4-16
JCFX10-JCFX10-JCFX10	70287.5-1010	20471735	7/8-14
JCFX12-JCFX12-JCFX12	70287.5-1212	20471736	1 1/16-12

JIC 37°, Female, Swivel – Metric Port, Male



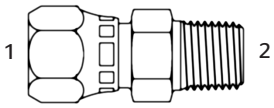
Descriptive #	Product #	SAP #	Thread Size 1 JCF	Thread Size 2 MPM
JCFX05-MPM12X1.5	70289-0512	20471361	1/2-20	12 X 1.5
JCFX06-MPM14X1.5	70289-0614	20471362	9/16-18	14 X 1.5
JCFX06-MPM16X1.5	70289-0616	20471363	9/16-18	16 X 1.5
JCFX06-MPM18X1.5	70289-0618	20471364	9/16-18	18 X 1.5
JCFX06-MPM20X1.5	70289-0620	20471365	9/16-18	20 X 1.5
JCFX06-MPM22X1.5	70289-0622	20471366	9/16-18	22 X 1.5
JCFX08-MPM16X1.5	70289-0816	20471367	3/4-16	16 X 1.5
JCFX08-MPM18X1.5	70289-0818	20471368	3/4-16	18 X 1.5
JCFX08-MPM20X1.5	70289-0820	20471369	3/4-16	20 X 1.5
JCFX08-MPM22X1.5	70289-0822	20471370	3/4-16	22 X 1.5
JCFX10-MPM16X1.5	70289-1016	20471371	7/8-14	16 X 1.5
JCFX10-MPM18X1.5	70289-1018	20471372	7/8-14	18 X 1.5
JCFX10-MPM20X1.5	70289-1020	20471373	7/8-14	20 X 1.5
JCFX10-MPM22X1.5	70289-1022	20471374	7/8-14	22 X 1.5

JIC 37°, Female, Swivel – NPTF, Female



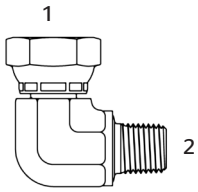
Descriptive #	Product #	SAP #	Thread Size 1 JCF	Thread Size 2 NPF
JCFX04-NPF02	70290-0402	20280792	7/16-20	1/8-27
JCFX04-NPF02-SS	70290-0402S	20466392	7/16-20	1/8-27
JCFX04-NPF04	70290-0404	20280793	7/16-20	1/4-18
JCFX04-NPF04-SS	70290-0404S	20466393	7/16-20	1/4-18
JCFX06-NPF04	70290-0604	20280794	9/16-18	1/4-18
JCFX06-NPF04-SS	70290-0604S	20466394	9/16-18	1/4-18
JCFX06-NPF06	70290-0606	20280795	9/16-18	3/8-18
JCFX06-NPF06-SS	70290-0606S	20466395	9/16-18	3/8-18
JCFX06-NPF08	70290-0608	20280796	9/16-18	1/2-14
JCFX06-NPF08-SS	70290-0608S	20466727	9/16-18	1/2-14
JCFX08-NPF04	70290-0804	20280791	3/4-16	1/4-18
JCFX08-NPF06	70290-0806	20280797	3/4-16	3/8-18
JCFX08-NPF06-SS	70290-0806S	20466396	3/4-16	3/8-18
JCFX08-NPF08	70290-0808	20280798	3/4-16	1/2-14
JCFX08-NPF08-SS	70290-0808S	20466397	3/4-16	1/2-14
JCFX10-NPF06	70290-1006	20280799	7/8-14	3/8-18
JCFX10-NPF08	70290-1008	20280800	7/8-14	1/2-14
JCFX10-NPF08-SS	70290-1008S	20466398	7/8-14	1/2-14
JCFX10-NPF12	70290-1012	20280801	7/8-14	3/4-14
JCFX12-NPF08	70290-1208	20280802	1 1/16-12	1/2-14
JCFX12-NPF08-SS	70290-1208S	20466399	1 1/16-12	1/2-14
JCFX12-NPF12	70290-1212	20280803	1 1/16-12	3/4-14
JCFX12-NPF12-SS	70290-1212S	20466400	1 1/16-12	3/4-14
JCFX14-NPF12	70290-1412	20280804	1 3/16-12	3/4-14
JCFX16-NPF16	70290-1616	20280805	1 5/16-12	1-11 1/2
JCFX16-NPF16-SS	70290-1616S	20466401	1 5/16-12	1-11 1/2
JCFX20-NPF20	70290-2020	20280806	1 5/8-12	1 1/4-11 1/2
JCFX20-NPF20-SS	70290-2020S	20466402	1 5/8-12	1 1/4-11 1/2
JCFX24-NPF24	70290-2424	20280807	1 7/8-12	1 1/2-11 1/2
JCFX24-NPF24-SS	70290-2424S	20466728	1 7/8-12	1 1/2-11 1/2
JCFX32-NPF32	70290-3232	20280808	2 1/2-12	2-11 1/2
JCFX32-NPF32-SS	70290-3232S	20466729	2 1/2-12	2-11 1/2

JIC 37°, Female, Swivel – NPTF, Male



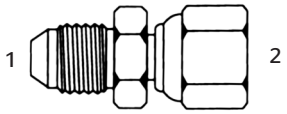
Descriptive #	Product #	SAP #	Thread Size 1 JCF	Thread Size 2 NPF
JCFX04-NPM02	70295-0402	20280784	7/16-20	1/8-27
JCFX04-NPM02-SS	70295-0402S	20466724	7/16-20	1/8-27
JCFX04-NPM04	70295-0404	20280773	7/16-20	1/4-18
JCFX04-NPM04-SS	70295-0404S	20466383	7/16-20	1/4-18
JCFX05-NPM04	70295-0504	20280774	1/2-20	1/4-18
JCFX05-NPM04-SS	70295-0504S	20465938	1/2-20	1/4-18
JCFX06-NPM04	70295-0604	20280775	9/16-18	1/4-18
JCFX06-NPM04-SS	70295-0604S	20466384	9/16-18	1/4-18
JCFX06-NPM06	70295-0606	20280776	9/16-18	3/8-18
JCFX06-NPM06-SS	70295-0606S	20466385	9/16-18	3/8-18
JCFX08-NPM04	70295-0804	20280777	3/4-16	1/4-18
JCFX08-NPM06	70295-0806	20280778	3/4-16	3/8-18
JCFX08-NPM06-SS	70295-0806S	20466386	3/4-16	3/8-18
JCFX08-NPM08	70295-0808	20280785	3/4-16	1/2-14
JCFX08-NPM08-SS	70295-0808S	20466388	3/4-16	1/2-14
JCFX10-NPM06	70295-1006	20280779	7/8-14	3/8-18
JCFX10-NPM08	70295-1008	20280780	7/8-14	1/2-14
JCFX10-NPM08-SS	70295-1008S	20466387	7/8-14	1/2-14
JCFX10-NPM12	70295-1012	20280781	7/8-14	3/4-14
JCFX12-NPM08	70295-1208	20280786	1 1/16-12	1/2-14
JCFX12-NPM08-SS	70295-1208S	20466725	1 1/16-12	1/2-14
JCFX12-NPM12	70295-1212	20280787	1 1/16-12	3/4-14
JCFX12-NPM12-SS	70295-1212S	20466389	1 1/16-12	3/4-14
JCFX16-NPM12	70295-1612	20280782	1 5/16-12	3/4-14
JCFX16-NPM16	70295-1616	20280788	1 5/16-12	1-11 1/2
JCFX16-NPM16-SS	70295-1616S	20466390	1 5/16-12	1-11 1/2
JCFX20-NPM20	70295-2020	20280789	1 5/8-12	1 1/4-11 1/2
JCFX20-NPM20-SS	70295-2020S	20466391	1 5/8-12	1 1/4-11 1/2
JCFX24-NPM24	70295-2424	20280790	1 7/8-12	1 1/2-11 1/2
JCFX24-NPM24-SS	70295-2424S	20466726	1 7/8-12	1 1/2-11 1/2
JCFX32-NPM32	70295-3232	20280783	2 1/2-12	2-11 1/2
JCFX32-NPM32-SS	70295-3232S	20466723	2 1/2-12	2-11 1/2

JIC 37°, Female, Swivel – NPTF, Male, 90° Elbow



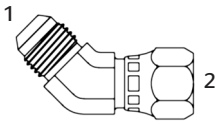
Descriptive #	Product #	SAP #	Thread Size 1 JCF	Thread Size 2 NPM
JCFX04-NPM02-90	70300-0402	20280747	7/16-20	1/8-27
JCFX04-NPM02-90-SS	70300-0402S	20466719	7/16-20	1/8-27
JCFX04-NPM04-90	70300-0404	20280748	7/16-20	1/4-18
JCFX04-NPM04-90-SS	70300-0404S	20466720	7/16-20	1/4-18
JCFX05-NPM04-90	70300-0504	20280743	1/2-20	1/4-18
JCFX06-NPM04-90	70300-0604	20280749	9/16-18	1/4-18
JCFX06-NPM04-90-SS	70300-0604S	20466370	9/16-18	1/4-18
JCFX06-NPM06-90	70300-0606	20280750	9/16-18	3/8-18
JCFX06-NPM06-90-SS	70300-0606S	20466371	9/16-18	3/8-18
JCFX06-NPM08-90	70300-0608	20280751	9/16-18	1/2-14
JCFX08-NPM06-90	70300-0806	20280752	3/4-16	3/8-18
JCFX08-NPM06-90-SS	70300-0806S	20466372	3/4-16	3/8-18
JCFX08-NPM08-90	70300-0808	20280753	3/4-16	1/2-14
JCFX08-NPM08-90-SS	70300-0808S	20466373	3/4-16	1/2-14
JCFX08-NPM12-90	70300-0812	20280754	3/4-16	3/4-14
JCFX10-NPM08-90	70300-1008	20280755	7/8-14	1/2-14
JCFX12-NPM08-90	70300-1208	20280744	1 1/16-12	1/2-14
JCFX12-NPM12-90	70300-1212	20280756	1 1/16-12	3/4-14
JCFX12-NPM12-90-SS	70300-1212S	20466374	1 1/16-12	3/4-14
JCFX14-NPM12-90	70300-1412	20280745	1 3/16-12	3/4-14
JCFX16-NPM16-90	70300-1616	20280757	1 5/16-12	1-11 1/2
JCFX16-NPM16-90-SS	70300-1616S	20466375	1 5/16-12	1-11 1/2
JCFX20-NPM20-90	70300-2020	20280758	1 5/8-12	1 1/4-11 1/2
JCFX24-NPM24-90	70300-2424	20280759	1 7/8-12	1 1/2-11 1/2
JCFX24-NPM24-90-SS	70300-2424S	20466721	1 7/8-12	1 1/2-11 1/2
JCFX32-NPM32-90	70300-3232	20280760	2 1/2-12	2-11 1/2

JIC 37°, Male – JIC 37°, Female, Swivel



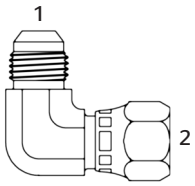
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 JCF
JCM04-JCFX04	70303-0404	20302965	7/16-20	7/16-20
JCM04-JCFX04-SS	70303-0404S	20465952	7/16-20	7/16-20
JCM06-JCFX06	70303-0606	20302964	9/16-18	9/16-18
JCM06-JCFX06-SS	70303-0606S	20465951	9/16-18	9/16-18
JCM08-JCFX08	70303-0808	20302963	3/4-16	3/4-16
JCM08-JCFX08-SS	70303-0808S	20465950	3/4-16	3/4-16
JCM12-JCFX12	70303-1212	20302962	1 1/16-12	1 1/16-12
JCM12-JCFX12-SS	70303-1212S	20465949	1 1/16-12	1 1/16-12
JCM16-JCFX16	70303-1616	20302961	1 5/16-12	1 5/16-12
JCM16-JCFX16-SS	70303-1616S	20465948	1 5/16-12	1 5/16-12

JIC 37°, Male – JIC 37°, Female, Swivel, 45°Elbow



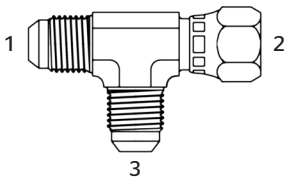
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 JCF
JCM04-JCFX04-45	70305-0404	20280763	7/16-20	7/16-20
JCM04-JCFX04-45-SS	70305-0404S	20466376	7/16-20	7/16-20
JCM05-JCFX05-45	70305-0505	20280764	1/2-20	1/2-20
JCM06-JCFX06-45	70305-0606	20280765	9/16-18	9/16-18
JCM06-JCFX06-45-SS	70305-0606S	20466377	9/16-18	9/16-18
JCM08-JCFX08-45	70305-0808	20280766	3/4-16	3/4-16
JCM08-JCFX08-45-SS	70305-0808S	20466378	3/4-16	3/4-16
JCM10-JCFX10-45	70305-1010	20280767	7/8-14	7/8-14
JCM10-JCFX10-45-SS	70305-1010S	20466379	7/8-14	7/8-14
JCM12-JCFX12-45	70305-1212	20280768	1 1/16-12	1 1/16-12
JCM12-JCFX12-45-SS	70305-1212S	20466380	1 1/16-12	1 1/16-12
JCM14-JCFX14-45	70305-1414	20280761	1 3/16-12	1 3/16-12
JCM16-JCFX12-45	70305-1612	20280762	1 5/16-12	1 1/16-12
JCM16-JCFX16-45	70305-1616	20280769	1 5/16-12	1 5/16-12
JCM16-JCFX16-45-SS	70305-1616S	20466381	1 5/16-12	1 5/16-12
JCM20-JCFX20-45	70305-2020	20280770	1 5/8-12	1 5/8-12
JCM20-JCFX20-45-SS	70305-2020S	20466382	1 5/8-12	1 5/8-12
JCM24-JCFX24-45	70305-2424	20280771	1 7/8-12	1 7/8-12
JCM24-JCFX24-45-SS	70305-2424S	20465937	1 7/8-12	1 7/8-12
JCM32-JCFX32-45	70305-3232	20280772	2 1/2-12	2 1/2-12
JCM32-JCFX32-45-SS	70305-3232S	20466722	2 1/2-12	2 1/2-12

JIC 37°, Male – JIC 37°, Female, Swivel, 90° Elbow



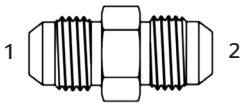
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread-Size 2 JCF
JCM03-JCFX03-90	70308-0303	20280729	3/8-24	3/8-24
JCM03-JCFX03-90-SS	70308-0303S	20466717	3/8-24	3/8-24
JCM04-JCFX04-90	70308-0404	20280730	7/16-20	7/16-20
JCM04-JCFX04-90-SS	70308-0404S	20466361	7/16-20	7/16-20
JCM04-JCFX06-90	70308-0406	20456412	7/16-20	9/16-18
JCM05-JCFX05-90	70308-0505	20280731	1/2-20	1/2-20
JCM05-JCFX05-90-SS	70308-0505S	20466362	1/2-20	1/2-20
JCM06-JCFX04-90	70308-0604	20280726	9/16-18	7/16-20
JCM06-JCFX06-90	70308-0606	20280732	9/16-18	9/16-18
JCM06-JCFX06-90-SS	70308-0606S	20466363	9/16-18	9/16-18
JCM06-JCFX08-90	70308-0608	20280727	9/16-18	3/4-16
JCM08-JCFX06-90	70308-0806	20280728	3/4-16	9/16-18
JCM08-JCFX08-90	70308-0808	20280733	3/4-16	3/4-16
JCM08-JCFX08-90-SS	70308-0808S	20458090	3/4-16	3/4-16
JCM10-JCFX08-90	70308-1008	20280734	7/8-14	3/4-16
JCM10-JCFX10-90	70308-1010	20280735	7/8-14	7/8-14
JCM10-JCFX10-90-SS	70308-1010S	20466365	7/8-14	7/8-14
JCM12-JCFX10-90	70308-1210	20280736	1 1/16-12	7/8-14
JCM12-JCFX12-90	70308-1212	20280737	1 1/16-12	1 1/16-12
JCM12-JCFX12-90-SS	70308-1212S	20451793	1 1/16-12	1 1/16-12
JCM14-JCFX14-90	70308-1414	20280738	1 3/16-12	1 3/16-12
JCM16-JCFX16-90	70308-1616	20280739	1 5/16-12	1 5/16-12
JCM16-JCFX16-90-SS	70308-1616S	20466367	1 5/16-12	1 5/16-12
JCM20-JCFX20-90	70308-2020	20280740	1 5/8-12	1 5/8-12
JCM20-JCFX20-90-SS	70308-2020S	20466368	1 5/8-12	1 5/8-12
JCM24-JCFX24-90	70308-2424	20280741	1 7/8-12	1 7/8-12
JCM24-JCFX24-90-SS	70308-2424S	20466369	1 7/8-12	1 7/8-12
JCM32-JCFX32-90	70308-3232	20280742	2 1/2-12	2 1/2-12
JCM32-JCFX32-90-SS	70308-3232S	20466718	2 1/2-12	2 1/2-12

JIC 37°, Male – JIC 37°, Female, Swivel – JIC 37°, Male Tee



Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 JCM	Thread Size 3 JCM
JCM03-JCFX03-JCM03	70310-0303	20280826	3/8-24	3/8-24	3/8-24
JCM04-JCFX04-JCM04	70310-0404	20280827	7/16-20	7/16-20	7/16-20
JCM04-JCFX04-JCM04-SS	70310-0404S	20466409	7/16-20	7/16-20	7/16-20
JCM05-JCFX05-JCM05	70310-0505	20280828	1/2-20	1/2-20	1/2-20
JCM05-JCFX05-JCM05-SS	70310-0505S	20466410	1/2-20	1/2-20	1/2-20
JCM06-JCFX06-JCM06	70310-0606	20280829	9/16-18	9/16-18	9/16-18
JCM06-JCFX06-JCM06-SS	70310-0606S	20466411	9/16-18	9/16-18	9/16-18
JCM08-JCFX08-JCM04	70310-0804	20280821	3/4-16	3/4-16	7/16-20
JCM08-JCFX08-JCM08	70310-0808	20280830	3/4-16	3/4-16	3/4-16
JCM08-JCFX08-JCM08-SS	70310-0808S	20466412	3/4-16	3/4-16	3/4-16
JCM10-JCFX10-JCM04	70310-1004	20280822	7/8-14	7/8-14	7/16-20
JCM10-JCFX10-JCM10	70310-1010	20280831	7/8-14	7/8-14	7/8-14
JCM10-JCFX10-JCM10-SS	70310-1010S	20466413	7/8-14	7/8-14	7/8-14
JCM12-JCFX12-JCM04	70310-1204	20280823	1 1/16-12	1 1/16-12	7/16-20
JCM12-JCFX12-JCM12	70310-1212	20280832	1 1/16-12	1 1/16-12	1 1/16-12
JCM12-JCFX12-JCM12-SS	70310-1212S	20466414	1 1/16-12	1 1/16-12	1 1/16-12
JCM14-JCFX14-JCM14	70310-1414	20280833	1 3/16-12	1 3/16-12	1 3/16-12
JCM16-JCFX16-JCM04	70310-1604	20280824	1 5/16-12	1 5/16-12	7/16-20
JCM16-JCFX16-JCM16	70310-1616	20280834	1 5/16-12	1 5/16-12	1 5/16-12
JCM16-JCFX16-JCM16-SS	70310-1616S	20466415	1 5/16-12	1 5/16-12	1 5/16-12
JCM20-JCFX20-JCM20	70310-2020	20280835	1 5/8-12	1 5/8-12	1 5/8-12
JCM20-JCFX20-JCM20-SS	70310-2020S	20466416	1 5/8-12	1 5/8-12	1 5/8-12
JCM24-JCFX24-JCM24	70310-2424	20280836	1 7/8-12	1 7/8-12	1 7/8-12
JCM24-JCFX24-JCM24-SS	70310-2424S	20466733	1 7/8-12	1 7/8-12	1 7/8-12
JCM32-JCFX32-JCM32	70310-3232	20280825	2 1/2-12	2 1/2-12	2 1/2-12

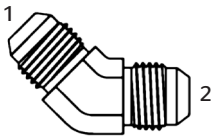
JIC 37°, Male – JIC 37°, Male



Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 JCM
JCM03-JCM03	70315-0303	20279753	3/8-24	3/8-24
JCM03-JCM03-SS	70315-0303S	20466486	3/8-24	3/8-24
JCM04-JCM02	70315-0402	20279754	7/16-20	5/16-24
JCM04-JCM02-SS	70315-0402S	20466487	7/16-20	5/16-24
JCM04-JCM03	70315-0403	20279755	7/16-20	3/8-24
JCM04-JCM03-SS	70315-0403S	20466488	7/16-20	3/8-24
JCM04-JCM04	70315-0404	20279735	7/16-20	7/16-20
JCM04-JCM04-SS	70315-0404S	20434621	7/16-20	7/16-20
JCM05-JCM04	70315-0504	20279756	1/2-20	7/16-20
JCM05-JCM04-SS	70315-0504S	20466489	1/2-20	7/16-20
JCM05-JCM05	70315-0505	20279736	1/2-20	1/2-20
JCM05-JCM05-SS	70315-0505S	20466010	1/2-20	1/2-20
JCM06-JCM04	70315-0604	20279737	9/16-18	7/16-20
JCM06-JCM04-SS	70315-0604S	20466011	9/16-18	7/16-20
JCM06-JCM05	70315-0605	20279757	9/16-18	1/2-20
JCM06-JCM05-SS	70315-0605S	20466500	9/16-18	1/2-20
JCM06-JCM06	70315-0606	20279758	9/16-18	9/16-18
JCM06-JCM06-SS	70315-0606S	20434623	9/16-18	9/16-18
JCM08-JCM04	70315-0804	20279759	3/4-16	7/16-20
JCM08-JCM04-SS	70315-0804S	20466501	3/4-16	7/16-20
JCM08-JCM05	70315-0805	20279738	3/4-16	1/2-20
JCM08-JCM06	70315-0806	20279739	3/4-16	9/16-18
JCM08-JCM06-SS	70315-0806S	20466012	3/4-16	9/16-18
JCM08-JCM08	70315-0808	20279740	3/4-16	3/4-16
JCM08-JCM08-SS	70315-0808S	20434624	3/4-16	3/4-16
JCM10-JCM04	70315-1004	20279741	7/8-14	7/16-20
JCM10-JCM04-SS	70315-1004S	20466482	7/8-14	7/16-20
JCM10-JCM06	70315-1006	20279760	7/8-14	9/16-18
JCM10-JCM06-SS	70315-1006S	20466502	7/8-14	9/16-18
JCM10-JCM08	70315-1008	20279761	7/8-14	3/4-16
JCM10-JCM08-SS	70315-1008S	20466021	7/8-14	3/4-16
JCM10-JCM10	70315-1010	20279742	7/8-14	7/8-14
JCM10-JCM10-SS	70315-1010S	20466014	7/8-14	7/8-14
JCM12-JCM04	70315-1204	20279743	1 1/16-12	7/16-20
JCM12-JCM04-SS	70315-1204S	20466483	1 1/16-12	7/16-20
JCM12-JCM06	70315-1206	20279762	1 1/16-12	9/16-18
JCM12-JCM06-SS	70315-1206S	20466503	1 1/16-12	9/16-18
JCM12-JCM08	70315-1208	20279763	1 1/16-12	3/4-16
JCM12-JCM08-SS	70315-1208S	20466504	1 1/16-12	3/4-16
JCM12-JCM10	70315-1210	20279744	1 1/16-12	7/8-14
JCM12-JCM10-SS	70315-1210S	20466484	1 1/16-12	7/8-14
JCM12-JCM12	70315-1212	20279764	1 1/16-12	1 1/16-12
JCM12-JCM12-SS	70315-1212S	20434626	1 1/16-12	1 1/16-12
JCM14-JCM12	70315-1412	20279745	1 3/16-12	1 1/16-12
JCM14-JCM14	70315-1414	20279765	1 3/16-12	1 3/16-12
JCM14-JCM14-SS	70315-1414S	20466505	1 3/16-12	1 3/16-12

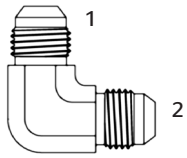
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 JCM
JCM16-JCM10	70315-1610	20279766	1 5/16-12	7/8-14
JCM16-JCM10-SS	70315-1610S	20466506	1 5/16-12	7/8-14
JCM16-JCM12	70315-1612	20279746	1 5/16-12	1 1/16-12
JCM16-JCM12-SS	70315-1612S	20466015	1 5/16-12	1 1/16-12
JCM16-JCM16	70315-1616	20279747	1 5/16-12	1 5/16-12
JCM16-JCM16-SS	70315-1616S	20434627	1 5/16-12	1 5/16-12
JCM20-JCM12	70315-2012	20279748	1 5/8-12	1 1/16-12
JCM20-JCM16	70315-2016	20279767	1 5/8-12	1 5/16-12
JCM20-JCM16-SS	70315-2016S	20466507	1 5/8-12	1 5/16-12
JCM20-JCM20	70315-2020	20279749	1 5/8-12	1 5/8-12
JCM20-JCM20-SS	70315-2020S	20466017	1 5/8-12	1 5/8-12
JCM24-JCM16	70315-2416	20279750	1 7/8-12	1 5/16-12
JCM24-JCM16-SS	70315-2416S	20466485	1 7/8-12	1 5/16-12
JCM24-JCM20	70315-2420	20279768	1 7/8-12	1 5/8-12
JCM24-JCM20-SS	70315-2420S	20466508	1 7/8-12	1 5/8-12
JCM24-JCM24	70315-2424	20279751	1 7/8-12	1 7/8-12
JCM24-JCM24-SS	70315-2424S	20466018	1 7/8-12	1 7/8-12
JCM32-JCM32	70315-3232	20279752	2 1/2-12	2 1/2-12
JCM32-JCM32-SS	70315-3232S	20466019	2 1/2-12	2 1/2-12

JIC 37°, Male – JIC 37°, Male, 45° Elbow



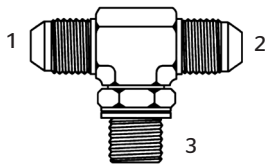
Descriptive #	Product #	SAP #	Thread Size 1 & 2 JCM
JCM04-JCM04-45	70316-0404	20357696	7/16-20
JCM06-JCM06-45	70316-0606	20431796	9/16-18
JCM08-JCM08-45	70316-0808	20431797	3/4-16
JCM08-JCM08-45-SS	70316-0808S	20465963	3/4-16
JCM10-JCM10-45	70316-1010	20431798	7/8-14
JCM12-JCM12-45	70316-1212	20395797	1 1/16-12
JCM12-JCM12-45-SS	70316-1212S	20465956	1 1/16-12
JCM16-JCM16-45	70316-1616	20367728	1 5/16-12

JIC 37°, Male – JIC 37°, Male, 90° Elbow



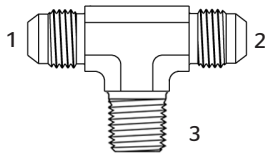
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 JCM
JCM04-JCM04-90	70317-0404	20303235	7/16-20	7/16-20
JCM04-JCM04-90-SS	70317-0404S	20466749	7/16-20	7/16-20
JCM06-JCM04-90	70317-0604	20357699	9/16-18	7/16-20
JCM06-JCM06-90	70317-0606	20431799	9/16-18	9/16-18
JCM06-JCM06-90-SS	70317-0606S	20466780	9/16-18	9/16-18
JCM08-JCM08-90	70317-0808	20303234	3/4-16	3/4-16
JCM08-JCM08-90-SS	70317-0808S	20466748	3/4-16	3/4-16
JCM10-JCM08-90	70317-1008	20357695	7/8-14	3/4-16
JCM10-JCM10-90	70317-1010	20303233	7/8-14	7/8-14
JCM10-JCM10-90-SS	70317-1010S	20466747	7/8-14	7/8-14
JCM12-JCM12-90	70317-1212	20431800	1 1/16-12	1 1/16-12
JCM12-JCM12-90-SS	70317-1212S	20466781	1 1/16-12	1 1/16-12
JCM12-JCM16-90	70317-1216	20431571	1 1/16-12	1 5/16-12
JCM16-JCM16-90	70317-1616	20303232	1 5/16-12	1 5/16-12
JCM16-JCM16-90-SS	70317-1616S	20466746	1 5/16-12	1 5/16-12
JCM20-JCM20-90	70317-2020	20415057	1 5/8-12	1 5/8-12
JCM20-JCM20-90-SS	70317-2020S	20466776	1 5/8-12	1 5/8-12
JCM24-JCM24-90	70317-2424	20415058	1 7/8-12	1 7/8-12
JCM24-JCM24-90-SS	70317-2424S	20466777	1 7/8-12	1 7/8-12

JIC 37°, Male – JIC 37°, Male – SPP, Male Tee



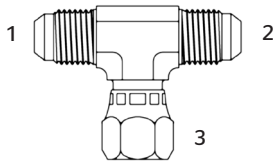
Descriptive #	Product #	SAP #	Thread Size 1 & 2 JCM	Thread Size 3 BPM
JCM04-JCM04-BPM04	70318-0404	20471709	7/16-20	1/4-19
JCM05-JCM05-BPM04	70318-0504	20471710	1/2-20	1/4-19
JCM06-JCM06-BPM04	70318-0604	20471711	9/16-18	1/4-19
JCM06-JCM06-BPM06	70318-0606	20471712	9/16-18	3/8-19
JCM08-JCM08-BPM06	70318-0806	20471713	3/4-16	3/8-19
JCM08-JCM08-BPM08	70318-0808	20471714	3/4-16	1/2-14
JCM10-JCM10-BPM08	70318-1008	20471715	7/8-14	1/2-14
JCM12-JCM12-BPM12	70318-1212	20471716	1 1/16-12	3/4-14
JCM16-JCM16-BPM16	70318-1616	20471717	1 5/16-12	1-11

JIC 37°, Male – JIC 37°, Male – BSPT, Male Tee



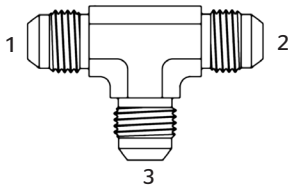
Descriptive #	Product #	SAP #	Thread Size 1 & 2 JCM	Thread Size 3 BTM
JCM04-JCM04-BTM04	70319-0404	20471572	7/16-20	1/4-19
JCM06-JCM06-BTM04	70319-0604	20471573	9/16-18	1/4-19
JCM08-JCM08-BTM06	70319-0806	20471574	3/4-16	3/8-19
JCM10-JCM10-BTM08	70319-1008	20471575	7/8-14	1/2-14
JCM12-JCM12-BTM12	70319-1212	20471576	1 1/16-12	3/4-14

JIC 37°, Male – JIC 37°, Male – JIC 37°, Female, Swivel Tee



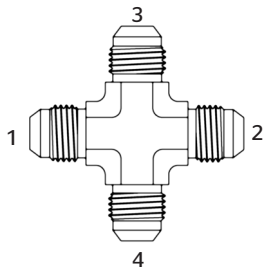
Descriptive #	Product #	SAP #	Thread Size 1 & 2 JCM	Thread Size 3 JCF
JCM03-JCM03-JCFX03	70320-0303	20280811	3/8-24	3/8-24
JCM04-JCM04-JCFX04	70320-0404	20280812	7/16-20	7/16-20
JCM04-JCM04-JCFX04-SS	70320-0404S	20466403	7/16-20	7/16-20
JCM05-JCM05-JCFX05	70320-0505	20280813	1/2-20	1/2-20
JCM05-JCM05-JCFX05-SS	70320-0505S	20466730	1/2-20	1/2-20
JCM06-JCM06-JCFX06	70320-0606	20280814	9/16-18	9/16-18
JCM06-JCM06-JCFX06-SS	70320-0606S	20466404	9/16-18	9/16-18
JCM08-JCM08-JCFX08	70320-0808	20280815	3/4-16	3/4-16
JCM08-JCM08-JCFX08-SS	70320-0808S	20466405	3/4-16	3/4-16
JCM10-JCM10-JCFX10	70320-1010	20280816	7/8-14	7/8-14
JCM10-JCM10-JCFX10-SS	70320-1010S	20466406	7/8-14	7/8-14
JCM12-JCM12-JCFX12	70320-1212	20280817	1 1/16-12	1 1/16-12
JCM12-JCM12-JCFX12-SS	70320-1212S	20466407	1 1/16-12	1 1/16-12
JCM14-JCM14-JCFX14	70320-1414	20280809	1 3/16-12	1 3/16-12
JCM16-JCM16-JCFX16	70320-1616	20280818	1 5/16-12	1 5/16-12
JCM16-JCM16-JCFX16-SS	70320-1616S	20466408	1 5/16-12	1 5/16-12
JCM20-JCM20-JCFX20	70320-2020	20280819	1 5/8-12	1 5/8-12
JCM20-JCM20-JCFX20-SS	70320-2020S	20466731	1 5/8-12	1 5/8-12
JCM24-JCM24-JCFX24	70320-2424	20280820	1 7/8-12	1 7/8-12
JCM24-JCM24-JCFX24-SS	70320-2424S	20466732	1 7/8-12	1 7/8-12
JCM32-JCM32-JCFX32	70320-3232	20280810	2 1/2-12	2 1/2-12

JIC 37°, Male – JIC 37°, Male – JIC 37°, Male Tee



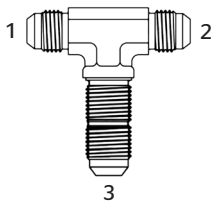
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 JCM	Thread Size 3 JCM
JCM03-JCM03-JCM03	70322-0303	20280110	3/8-24	3/8-24	3/8-24
JCM03-JCM03-JCM03-SS	70322-0303S	20466590	3/8-24	3/8-24	3/8-24
JCM04-JCM04-JCM04	70322-0404	20280111	7/16-20	7/16-20	7/16-20
JCM04-JCM04-JCM04-SS	70322-0404S	20466122	7/16-20	7/16-20	7/16-20
JCM04-JCM04-JCM06	70322-0406	20441095	7/16-20	7/16-20	9/16-18
JCM05-JCM05-JCM05	70322-0505	20280112	1/2-20	1/2-20	1/2-20
JCM05-JCM05-JCM05-SS	70322-0505S	20466591	1/2-20	1/2-20	1/2-20
JCM06-JCM06-JCM06	70322-0606	20280113	9/16-18	9/16-18	9/16-18
JCM06-JCM06-JCM06-SS	70322-0606S	20466123	9/16-18	9/16-18	9/16-18
JCM06-JCM06-JCM08	70322-0608	20280114	9/16-18	9/16-18	3/4-16
JCM08-JCM06-JCM08	70322-0806	20280115	3/4-16	9/16-18	3/4-16
JCM08-JCM08-JCM08	70322-0808	20280116	3/4-16	3/4-16	3/4-16
JCM08-JCM08-JCM08-SS	70322-0808S	20466124	3/4-16	3/4-16	3/4-16
JCM10-JCM10-JCM08	70322-1008	20280106	7/8-14	7/8-14	3/4-16
JCM10-JCM10-JCM10	70322-1010	20280117	7/8-14	7/8-14	7/8-14
JCM10-JCM10-JCM10-SS	70322-1010S	20466125	7/8-14	7/8-14	7/8-14
JCM12-JCM12-JCM08	70322-1208	20280118	11/16-12	11/16-12	3/4-16
JCM12-JCM12-JCM08-SS	70322-1208S	20466592	11/16-12	11/16-12	3/4-16
JCM12-JCM12-JCM12	70322-1212	20280119	11/16-12	11/16-12	11/16-12
JCM12-JCM12-JCM12-SS	70322-1212S	20466126	11/16-12	11/16-12	11/16-12
JCM12-JCM12-JCM16	70322-1216	20280107	11/16-12	11/16-12	15/16-12
JCM12-JCM16-JCM12	70322-1612	20280108	11/16-12	15/16-12	11/16-12
JCM12-JCM16-JCM12-SS	70322-1612S	20466588	11/16-12	15/16-12	11/16-12
JCM14-JCM14-JCM14	70322-1414	20280120	13/16-12	13/16-12	13/16-12
JCM16-JCM16-JCM16	70322-1616	20280121	15/16-12	15/16-12	15/16-12
JCM16-JCM16-JCM16-SS	70322-1616S	20466127	15/16-12	15/16-12	15/16-12
JCM20-JCM20-JCM20	70322-2020	20280122	15/8-12	15/8-12	15/8-12
JCM20-JCM20-JCM20-SS	70322-2020S	20466593	15/8-12	15/8-12	15/8-12
JCM24-JCM24-JCM24	70322-2424	20280123	17/8-12	17/8-12	17/8-12
JCM24-JCM24-JCM24-SS	70322-2424S	20466594	17/8-12	17/8-12	17/8-12
JCM32-JCM32-JCM32	70322-3232	20280109	2½-12	2½-12	2½-12
JCM32-JCM32-JCM32-SS	70322-3232S	20466589	2½-12	2½-12	2½-12

JIC 37°, Male Cross



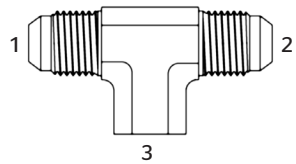
Descriptive #	Product #	SAP #	Thread Size 1, 2, 3 & 4 JCM
JCM04-JCM04-JCM04-JCM04	70322.1-0404	20367723	7/16-20
JCM04-JCM04-JCM04-JCM04-SS	703221-0404S	20465837	7/16-20
JCM06-JCM06-JCM06-JCM06	70322.1-0606	20367724	9/16-18
JCM06-JCM06-JCM06-JCM06-SS	703221-0606S	20465838	9/16-18
JCM08-JCM08-JCM08-JCM08	70322.1-0808	20367725	3/4-16
JCM08-JCM08-JCM08-JCM08-SS	703221-0808S	20465839	3/4-16
JCM10-JCM10-JCM10-JCM10	70322.1-1010	20368140	7/8-14
JCM12-JCM12-JCM12-JCM12	70322.1-1212	20367726	1 1/16-12
JCM16-JCM16-JCM16-JCM16	70322.1-1616	20367727	1 5/16-12
JCM16-JCM16-JCM16-JCM16-SS	703221-1616S	20465954	1 5/16-12

JIC 37°, Male – JIC 37°, Male – JIC 37°, Male Bulkhead Tee



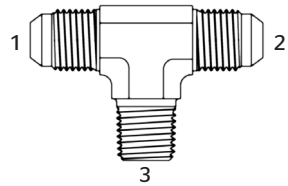
Descriptive #	Product #	SAP #	Thread Size 1 & 2 JCM	Thread Size 3 JCMB
JCM04-JCM04-JCMB04	70322.2-0404	20341546	7/16-20	7/16-20
JCM04-JCM04-JCMB04-SS	703222-0404S	20466754	7/16-20	7/16-20
JCM06-JCM06-JCMB06	70322.2-0606	20466071	9/16-18	9/16-18
JCM08-JCM08-JCMB08	70322.2-0808	20466172	3/4-16	3/4-16
JCM12-JCM12-JCMB12	70322.2-1212	20466770	1 1/16-12	1 1/16-12
JCM16-JCM16-JCMB16	70322.2-1616	20466745	1 5/16-12	1 5/16-12

JIC 37°, Male – JIC 37°, Male – NPTF, Female Tee



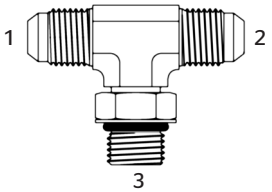
Descriptive #	Product #	SAP #	Thread Size 1 & 2 JCM	Thread Size 3 NPF
JCM04-JCM04-NPF02	70322.5-0402	20486604	7/16-20	1/8-27
JCM08-JCM08-NPF08	70322.5-0808	20466016	3/4-16	1/2-14
JCM10-JCM10-NPF08	70322.5-1008	20486605	7/8-14	1/2-14
JCM12-JCM12-NPF12	70322.5-1212	20486606	1 1/16-12	3/4-14

JIC 37°, Male – JIC 37°, Male – NPTF, Male Tee



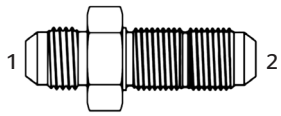
Descriptive #	Product #	SAP #	Thread Size 1 & 2 JCM	Thread Size 3 NPM
JCM04-JCM04-NPM02	70323-0402	20466785	7/16-20	1/8-27
JCM04-JCM04-NPM04	70323-0404	20302960	7/16-20	1/4-18
JCM04-JCM04-NPM04-SS	70323-0404S	20434662	7/16-20	1/4-18
JCM04-JCM04-NPM06	70323-0406	20466755	7/16-20	3/8-18
JCM06-JCM06-NPM04	70323-0604	20395812	9/16-18	1/4-18
JCM06-JCM06-NPM04-SS	70323-0604S	20466775	9/16-18	1/4-18
JCM06-JCM06-NPM06	70323-0606	20392613	9/16-18	3/8-18
JCM06-JCM06-NPM06-SS	70323-0606S	20434663	9/16-18	3/8-18
JCM06-JCM06-NPM08	70323-0608	20466104	9/16-18	1/2-14
JCM08-JCM08-NPM08	70323-0808	20431802	3/4-16	1/2-14
JCM08-JCM08-NPM08-SS	70323-0808S	20434669	3/4-16	1/2-14
JCM10-JCM10-NPM08	70323-1008	20431570	7/8-14	1/2-14
JCM10-JCM10-NPM08-SS	70323-1008S	20466784	7/8-14	1/2-14
JCM12-JCM12-NPM12	70323-1212	20302879	1 1/16-12	3/4-14
JCM12-JCM12-NPM12-SS	70323-1212S	20434690	1 1/16-12	3/4-14
JCM16-JCM16-NPM16	70323-1616	20392614	1 5/16-12	1-11½
JCM16-JCM16-NPM16-SS	70323-1616S	20434691	1 5/16-12	1-11½

JIC 37°, Male – JIC 37°, Male – OR Boss, Male Tee



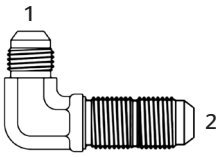
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 JCM	Thread Size 3 OBM
JCM04-JCM04-OBM04	70325-0404	20280963	7/16-20	7/16-20	7/16-20
JCM04-JCM04-OBM04-SS	70325-0404S	20466444	7/16-20	7/16-20	7/16-20
JCM04-JCM04-OBM06	70325-0406	20280956	7/16-20	7/16-20	9/16-18
JCM05-JCM05-OBM05	70325-0505	20280964	1/2-20	1/2-20	1/2-20
JCM05-JCM05-OBM06	70325-0506	20280957	1/2-20	1/2-20	9/16-18
JCM06-JCM06-OBM06	70325-0606	20280965	9/16-18	9/16-18	9/16-18
JCM06-JCM06-OBM06-SS	70325-0606S	20466445	9/16-18	9/16-18	9/16-18
JCM06-JCM06-OBM08	70325-0608	20280966	9/16-18	9/16-18	3/4-16
JCM06-JCM08-OBM08	70325-0806	20280967	9/16-18	3/4-16	3/4-16
JCM08-JCM08-OBM08	70325-0808	20280968	3/4-16	3/4-16	3/4-16
JCM08-JCM08-OBM08-SS	70325-0808S	20466446	3/4-16	3/4-16	3/4-16
JCM08-JCM08-OBM10	70325-0810	20280969	3/4-16	3/4-16	7/8-14
JCM10-JCM08-OBM12	70325-0812	20280958	7/8-14	3/4-16	1 1/16-12
JCM10-JCM10-OBM10	70325-1010	20280970	7/8-14	7/8-14	7/8-14
JCM10-JCM10-OBM10-SS	70325-1010S	20466447	7/8-14	7/8-14	7/8-14
JCM12-JCM12-OBM10	70325-1210	20280971	1 1/16-12	1 1/16-12	7/8-14
JCM12-JCM12-OBM12	70325-1212	20280972	1 1/16-12	1 1/16-12	1 1/16-12
JCM12-JCM12-OBM12-SS	70325-1212S	20466448	1 1/16-12	1 1/16-12	1 1/16-12
JCM12-JCM12-OBM16	70325-1216	20280959	1 1/16-12	1 1/16-12	1 5/16-12
JCM14-JCM14-OBM14	70325-1414	20280960	1 3/16-12	1 3/16-12	1 3/16-12
JCM16-JCM16-OBM12	70325-1612	20280961	1 5/16-12	1 5/16-12	1 1/16-12
JCM16-JCM16-OBM16	70325-1616	20280973	1 5/16-12	1 5/16-12	1 5/16-12
JCM16-JCM16-OBM16-SS	70325-1616S	20466449	1 5/16-12	1 5/16-12	1 5/16-12
JCM20-JCM20-OBM20	70325-2020	20280974	1 5/8-12	1 5/8-12	1 5/8-12
JCM24-JCM24-OBM24	70325-2424	20280975	1 7/8-12	1 7/8-12	1 7/8-12
JCM32-JCM32-OBM32	70325-3232	20280962	2 1/2-12	2 1/2-12	2 1/2-12

JIC 37°, Male – JIC 37°, Male, Bulkhead



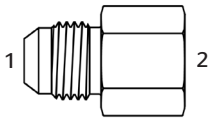
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 JCMB
JCM03-JCMB03	70330-0303	20280128	3/8-24	3/8-24
JCM04-JCMB04	70330-0404	20280129	7/16-20	7/16-20
JCM04-JCMB04-SS	70330-0404S	20466128	7/16-20	7/16-20
JCM04-JCMB06	70330-0406	20280124	7/16-20	9/16-18
JCM05-JCMB05	70330-0505	20280130	1/2-20	1/2-20
JCM06-JCMB06	70330-0606	20280131	9/16-18	9/16-18
JCM06-JCMB06-SS	70330-0606S	20466129	9/16-18	9/16-18
JCM08-JCMB08	70330-0808	20280132	3/4-16	3/4-16
JCM08-JCMB08-SS	70330-0808S	20466130	3/4-16	3/4-16
JCM10-JCMB10	70330-1010	20280133	7/8-14	7/8-14
JCM10-JCMB10-SS	70330-1010S	20466131	7/8-14	7/8-14
JCM12-JCMB12	70330-1212	20280134	1 1/16-12	1 1/16-12
JCM12-JCMB12-SS	70330-1212S	20466132	1 1/16-12	1 1/16-12
JCM14-JCMB14	70330-1414	20280125	1 3/16-12	1 3/16-12
JCM16-JCMB16	70330-1616	20280135	1 5/16-12	1 5/16-12
JCM16-JCMB16-SS	70330-1616S	20466133	1 5/16-12	1 5/16-12
JCM20-JCMB20	70330-2020	20280136	1 5/8-12	1 5/8-12
JCM20-JCMB20-SS	70330-2020S	20466134	1 5/8-12	1 5/8-12
JCM24-JCMB16	70330-2416	20280126	1 7/8-12	1 5/16-12
JCM24-JCMB24	70330-2424	20280137	1 7/8-12	1 7/8-12
JCM24-JCMB24-SS	70330-2424S	20466135	1 7/8-12	1 7/8-12
JCM32-JCMB32	70330-3232	20280127	2 1/2-12	2 1/2-12
JCM32-JCMB32-SS	70330-3232S	20466595	2 1/2-12	2 1/2-12

JIC 37°, Male – JIC 37°, Male, Bulkhead, 90° Elbow



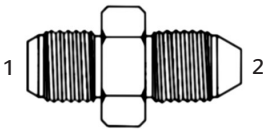
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 JCMB
JCM03-JCMB03-90	70333-0303	20280140	3/8-24	3/8-24
JCM03-JCMB03-90-SS	70333-0303S	20466596	3/8-24	3/8-24
JCM04-JCMB04-90	70333-0404	20280141	7/16-20	7/16-20
JCM04-JCMB04-90-SS	70333-0404S	20466136	7/16-20	7/16-20
JCM05-JCMB05-90	70333-0505	20280142	1/2-20	1/2-20
JCM06-JCMB06-90	70333-0606	20280143	9/16-18	9/16-18
JCM06-JCMB06-90-SS	70333-0606S	20466137	9/16-18	9/16-18
JCM08-JCMB08-90	70333-0808	20280144	3/4-16	3/4-16
JCM08-JCMB08-90-SS	70333-0808S	20466138	3/4-16	3/4-16
JCM10-JCMB10-90	70333-1010	20280145	7/8-14	7/8-14
JCM10-JCMB10-90-SS	70333-1010S	20466139	7/8-14	7/8-14
JCM12-JCMB12-90	70333-1212	20280146	1 1/16-12	1 1/16-12
JCM12-JCMB12-90-SS	70333-1212S	20466140	1 1/16-12	1 1/16-12
JCM16-JCMB16-90	70333-1616	20280147	1 5/16-12	1 5/16-12
JCM16-JCMB16-90-SS	70333-1616S	20466141	1 5/16-12	1 5/16-12
JCM20-JCMB20-90	70333-2020	20280148	1 5/8-12	1 5/8-12
JCM20-JCMB20-90-SS	70333-2020S	20466142	1 5/8-12	1 5/8-12
JCM24-JCMB24-90	70333-2424	20280138	1 7/8-12	1 7/8-12
JCM32-JCMB32-90	70333-3232	20280139	2 1/2-12	2 1/2-12

JIC 37°, Male – JIS 30° Female



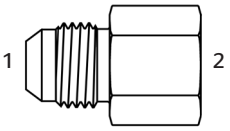
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 JSF
JCM04-JSF04	70334-0404	20471332	7/16-20	1/4-19
JCM06-JSF04	70334-0604	20471333	9/16-18	1/4-19
JCM06-JSF06	70334-0606	20471334	9/16-18	3/8-19
JCM08-JSF06	70334-0806	20471335	3/4-16	3/8-19
JCM08-JSF08	70334-0808	20471336	3/4-16	1/2-14
JCM12-JSF12	70334-1212	20471337	1 1/16-12	3/4-14
JCM16-JSF16	70334-1616	20471718	1 5/16-12	1-11
JCM20-JSF20	70334-2020	20471719	1 5/8-12	1 1/4-11
JCM24-JSF24	70334-2424	20471720	1 7/8-12	1 1/2-11
JCM32-JSF32	70334-3232	20471721	2 1/2-12	2-11

JIC 37°, Male – JIS 30° Male



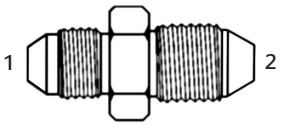
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 JSM
JCM04-JSM04	70335-0404	20471324	7/16-20	1/4-19
JCM06-JSM06	70335-0606	20471325	9/16-18	3/8-19
JCM08-JSM08	70335-0808	20471326	3/4-16	1/2-14
JCM12-JSM12	70335-1212	20471327	1 1/16-12	3/4-14

JIC 37°, Male – Komatsu® 30° Metric, Female



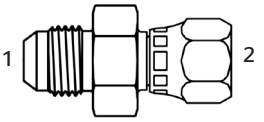
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 KMF
JCM04-KMF14	70336-0414	20471400	7/16-20	14 X 1.5
JCM06-KMF18	70336-0618	20471401	9/16-18	18 X 1.5
JCM08-KMF22	70336-0822	20471402	3/4-16	22 X 1.5
JCM10-KMF24	70336-1024	20471403	7/8-14	24 X 1.5
JCM12-KMF30	70336-1230	20471404	1 1/16-12	30 X 1.5
JCM16-KMF33	70336-1633	20471764	1 5/16-12	33 X 1.5

JIC 37°, Male – Komatsu® 30° Metric, Male



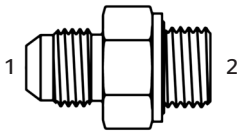
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 KMM
JCM04-KMM14X1.5	70337-0414	20471405	7/16-20	14 X 1.5
JCM06-KMM16X1.5	70337-0616	20471406	9/16-18	16 X 1.5
JCM06-KMM18X1.5	70337-0618	20471407	9/16-18	18 X 1.5
JCM08-KMM22X1.5	70337-0822	20471408	3/4-16	22 X 1.5
JCM10-KMM24X1.5	70337-1024	20471409	7/8-14	24 X 1.5
JCM12-KMM30X1.5	70337-1230	20471410	1 1/16-12	30 X 1.5
JCM16-KMM33X1.5	70337-1633	20471765	1 5/16-12	33 X 1.5

JIC 37°, Male – Metric Light, Female, Swivel



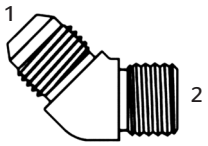
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 MLF
JCM04-MLFX06-12X1.5	70338-0406	20471756	7/16-20	12 X 1.5
JCM04-MLFX08-14X1.5	70338-0408	20471757	7/16-20	14 X 1.5
JCM08-MLFX10-16X1.5	70338-0810	20471758	3/4-16	16 X 1.5

JIC 37°, Male – Metric Port, Male



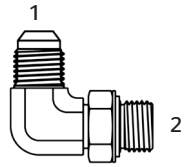
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 MPM
JCM04-MPM10X1.0	70340-0410	20282298	7/16-20	10 X 1.0
JCM04-MPM12X1.5	70340-0412	20282299	7/16-20	12 X 1.5
JCM04-MPM14X1.5	70340-0414	20282300	7/16-20	14 X 1.5
JCM04-MPM18X1.5	70340-0418	20282301	7/16-20	18 X 1.5
JCM05-MPM12X1.5	70340-0512	20282302	1/2-20	12 X 1.5
JCM05-MPM14X1.5	70340-0514	20282303	1/2-20	14 X 1.5
JCM05-MPM16X1.5	70340-0516	20471358	1/2-20	16 X 1.5
JCM06-MPM12x1.5	70340-0612	20282304	9/16-18	12 X 1.5
JCM06-MPM14X1.5	70340-0614	20282305	9/16-18	14 X 1.5
JCM06-MPM16X1.5	70340-0616	20282306	9/16-18	16 X 1.5
JCM06-MPM18X1.5	70340-0618	20282307	9/16-18	18 X 1.5
JCM08-MPM14X1.5	70340-0814	20471359	3/4-16	14 X 1.5
JCM08-MPM16X1.5	70340-0816	20282308	3/4-16	16 X 1.5
JCM08-MPM18X1.5	70340-0818	20282309	3/4-16	18 X 1.5
JCM08-MPM22X1.5	70340-0822	20282310	3/4-16	22 X 1.5
JCM10-MPM16X1.5	70340-1016	20282311	7/8-14	16 X 1.5
JCM10-MPM18X1.5	70340-1018	20282312	7/8-14	18 X 1.5
JCM10-MPM20X1.5	70340-1020	20282313	7/8-14	20 X 1.5
JCM10-MPM22X1.5	70340-1022	20282314	7/8-14	22 X 1.5
JCM12-MPM22X1.5	70340-1222	20282315	1 1/16-12	22 X 1.5
JCM12-MPM26X1.5	70340-1226	20471360	1 1/16-12	26 X 1.5
JCM12-MPM27X2.0	70340-1227	20282317	1 1/16-12	27 X 2.0
JCM14-MPM26X1.5	70340-1426	20282318	1 3/16-12	26 X 1.5
JCM16-MPM27X2.0	70340-1627	20282319	1 5/16-12	27 X 2.0
JCM16-MPM33X2.0	70340-1633	20282320	1 5/16-12	33 X 2.0
JCM20-MPM33X2.0	70340-2033	20471749	1 5/8-12	33 X 2.0
JCM20-MPM42X2.0	70340-2042	20282321	1 5/8-12	42 X 2.0
JCM24-MPM38X2.0	70340-2438	20471761	1 7/8-12	38 X 2.0
JCM24-MPM48X2.0	70340-2448	20282322	1 7/8-12	48 X 2.0

JIC 37°, Male – Metric Port, Male, 45°Elbow



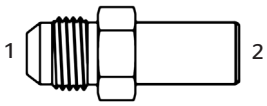
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 MPM
JCM04-MPM10x1.0-45	70341-0410	20471392	7/16-20	10 X 1.0
JCM06-MPM14x1.5-45	70341-0614	20471393	9/16-18	14 X 1.5
JCM08-MPM16x1.5-45	70341-0816	20471394	3/4-16	16 X 1.5
JCM08-MPM18x1.5-45	70341-0818	20471395	3/4-16	18 X 1.5
JCM10-MPM18x1.5-45	70341-1018	20471396	7/8-14	18 X 1.5
JCM10-MPM22x1.5-45	70341-1022	20471397	7/8-14	22 X 1.5
JCM12-MPM22x1.5-45	70341-1222	20471398	1 1/16-12	22 X 1.5
JCM12-MPM27x2.0-45	70341-1227	20471399	1 1/16-12	27 X 2.0

JIC 37°, Male – Metric Port, Male, 90°Elbow



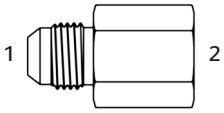
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 MPM
JCM04-MPM10-90	70343-0410	20282323	7/16-20	10 X 1.0
JCM04-MPM12-90	70343-0412	20282324	7/16-20	12 X 1.5
JCM04-MPM14-90	70343-0414	20282325	7/16-20	14 X 1.5
JCM05-MPM10-90	70343-0510	20282326	1/2-20	10 X 1.0
JCM05-MPM12-90	70343-0512	20282327	1/2-20	12 X 1.5
JCM05-MPM14-90	70343-0514	20282328	1/2-20	14 X 1.5
JCM06-MPM12-90	70343-0612	20282329	9/16-18	12 X 1.5
JCM06-MPM14-90	70343-0614	20282340	9/16-18	14 X 1.5
JCM06-MPM16-90	70343-0616	20282341	9/16-18	16 X 1.5
JCM06-MPM18-90	70343-0618	20471390	9/16-18	18 X 1.5
JCM08-MPM16-90	70343-0816	20282342	3/4-16	16 X 1.5
JCM08-MPM18-90	70343-0818	20282343	3/4-16	18 X 1.5
JCM08-MPM22-90	70343-0822	20282344	3/4-16	22 X 1.5
JCM10-MPM18-90	70343-1018	20282345	7/8-14	18 X 1.5
JCM10-MPM20-90	70343-1020	20282346	7/8-14	20 X 1.5
JCM10-MPM22-90	70343-1022	20282347	7/8-14	22 X 1.5
JCM12-MPM22-90	70343-1222	20282348	1 1/16-12	22 X 1.5
JCM12-MPM26-90	70343-1226	20471391	1 1/16-12	26 X 1.5
JCM12-MPM27-90	70343-1227	20282349	1 1/16-12	27 X 2.0
JCM16-MPM27-90	70343-1627	20282351	1 5/16-12	27 X 2.0
JCM16-MPM33-90	70343-1633	20282352	1 5/16-12	33 X 2.0
JCM20-MPM42-90	70343-2042	20282353	1 5/8-12	42 X 2.0
JCM24-MPM48-90	70343-2448	20471762	1 7/8-12	48 X 2.0

JIC 37°, Male – Metric Standpipe



Descriptive #	Product #	SAP #	Thread Size 1 JCM	Diameter (mm) MS
JCM04-MS06	70350-0406	20282406	7/16-20	6
JCM04-MS08	70350-0408	20282407	7/16-20	8
JCM04-MS10	70350-0410	20282408	7/16-20	10
JCM05-MS12	70350-0512	20471387	1/2-20	12
JCM06-MS08	70350-0608	20282409	9/16-18	8
JCM06-MS10	70350-0610	20282410	9/16-18	10
JCM06-MS12	70350-0612	20282411	9/16-18	12
JCM06-MS14	70350-0614	20282412	9/16-18	14
JCM08-MS10	70350-0810	20282413	3/4-16	10
JCM08-MS12	70350-0812	20282415	3/4-16	12
JCM08-MS14	70350-0814	20282416	3/4-16	14
JCM08-MS15	70350-0815	20282417	3/4-16	15
JCM08-MS16	70350-0816	20282418	3/4-16	16
JCM10-MS16	70350-1016	20471388	7/8-14	16
JCM10-MS18	70350-1018	20282419	7/8-14	18
JCM10-MS20	70350-1020	20282420	7/8-14	20
JCM12-MS16	70350-1216	20471389	1 1/16-12	16
JCM12-MS18	70350-1218	20282421	1 1/16-12	18
JCM12-MS20	70350-1220	20282422	1 1/16-12	20
JCM12-MS22	70350-1222	20282423	1 1/16-12	22
JCM12-MS25	70350-1225	20282424	1 1/16-12	25
JCM16-MS20	70350-1620	20471759	1 5/16-12	20
JCM16-MS25	70350-1625	20282425	1 5/16-12	25
JCM16-MS28	70350-1628	20282426	1 5/16-12	28
JCM16-MS30	70350-1630	20282427	1 5/16-12	30
JCM20-MS28	70350-2028	20282428	1 5/8-12	28
JCM20-MS35	70350-2035	20282429	1 5/8-12	35
JCM20-MS38	70350-2038	20282430	1 5/8-12	38
JCM24-MS35	70350-2435	20471760	1 7/8-12	35
JCM24-MS42	70350-2442	20282432	1 7/8-12	42

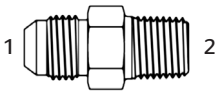
JIC 37°, Male – NPTF, Female



Descriptive #	Product #	SAP #	Thread Size 1 JCM	Diameter (mm) NPF
JCM02-NPF04	70355-0204	20279850	5/16-24	1/4-18
JCM03-NPF02	70355-0302	20279876	3/8-24	1/8-27
JCM03-NPF02-SS	70355-0302S	20466551	3/8-24	1/8-27
JCM03-NPF04	70355-0304	20279877	3/8-24	1/4-18
JCM03-NPF04-SS	70355-0304S	20466552	3/8-24	1/4-18
JCM04-NPF02	70355-0402	20279851	7/16-20	1/8-27
JCM04-NPF02-SS	70355-0402S	20466049	7/16-20	1/8-27
JCM04-NPF04	70355-0404	20279852	7/16-20	1/4-18
JCM04-NPF04-SS	70355-0404S	20434634	7/16-20	1/4-18
JCM04-NPF06	70355-0406	20279878	7/16-20	3/8-18
JCM04-NPF06-SS	70355-0406S	20466553	7/16-20	3/8-18
JCM04-NPF08	70355-0408	20279853	7/16-20	1/2-14
JCM04-NPF08-SS	70355-0408S	20466539	7/16-20	1/2-14
JCM05-NPF02	70355-0502	20279854	1/2-20	1/8-27
JCM05-NPF02-SS	70355-0502S	20466540	1/2-20	1/8-27
JCM05-NPF04	70355-0504	20279855	1/2-20	1/4-18
JCM05-NPF04-SS	70355-0504S	20466541	1/2-20	1/4-18
JCM05-NPF06	70355-0506	20279856	1/2-20	3/8-18
JCM05-NPF06-SS	70355-0506S	20466542	1/2-20	3/8-18
JCM06-NPF02	70355-0602	20279857	9/16-18	1/8-27
JCM06-NPF02-SS	70355-0602S	20466543	9/16-18	1/8-27
JCM06-NPF04	70355-0604	20279858	9/16-18	1/4-18
JCM06-NPF04-SS	70355-0604S	20466051	9/16-18	1/4-18
JCM06-NPF06	70355-0606	20279859	9/16-18	3/8-18
JCM06-NPF06-SS	70355-0606S	20466052	9/16-18	3/8-18
JCM06-NPF08	70355-0608	20279879	9/16-18	1/2-14
JCM06-NPF08-SS	70355-0608S	20466554	9/16-18	1/2-14
JCM06-NPF12	70355-0612	20279860	9/16-18	3/4-14
JCM08-NPF04	70355-0804	20279861	3/4-16	1/4-18
JCM08-NPF04-SS	70355-0804S	20466544	3/4-16	1/4-18
JCM08-NPF06	70355-0806	20279862	3/4-16	3/8-18
JCM08-NPF06-SS	70355-0806S	20466053	3/4-16	3/8-18
JCM08-NPF08	70355-0808	20279863	3/4-16	1/2-14
JCM08-NPF08-SS	70355-0808S	20434636	3/4-16	1/2-14
JCM08-NPF12	70355-0812	20279880	3/4-16	3/4-14
JCM08-NPF12-SS	70355-0812S	20466555	3/4-16	3/4-14

Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPF
JCM10-NPF06	70355-1006	20279864	7/8-14	3/8-18
JCM10-NPF08	70355-1008	20279865	7/8-14	1/2-14
JCM10-NPF08-SS	70355-1008S	20466055	7/8-14	1/2-14
JCM10-NPF12	70355-1012	20279866	7/8-14	3/4-14
JCM10-NPF12-SS	70355-1012S	20466545	7/8-14	3/4-14
JCM12-NPF08	70355-1208	20279867	1 1/16-12	1/2-14
JCM12-NPF08-SS	70355-1208S	20466056	1 1/16-12	1/2-14
JCM12-NPF12	70355-1212	20279868	1 1/16-12	3/4-14
JCM12-NPF12-SS	70355-1212S	20434637	1 1/16-12	3/4-14
JCM12-NPF16	70355-1216	20279881	1 1/16-12	1-11 1/2
JCM12-NPF16-SS	70355-1216S	20466556	1 1/16-12	1-11 1/2
JCM14-NPF12	70355-1412	20279869	1 3/16-12	3/4-14
JCM14-NPF12-SS	70355-1412S	20466546	1 3/16-12	3/4-14
JCM14-NPF16	70355-1416	20279870	1 3/16-12	1-11 1/2
JCM14-NPF16-SS	70355-1416S	20466547	1 3/16-12	1-11 1/2
JCM16-NPF12	70355-1612	20279882	1 5/16-12	3/4-14
JCM16-NPF12-SS	70355-1612S	20466557	1 5/16-12	3/4-14
JCM16-NPF16	70355-1616	20279883	1 5/16-12	1-11 1/2
JCM16-NPF16-SS	70355-1616S	20434638	1 5/16-12	1-11 1/2
JCM16-NPF20	70355-1620	20279884	1 5/16-12	1 1/4-11 1/2
JCM16-NPF20-SS	70355-1620S	20466558	1 5/16-12	1 1/4-11 1/2
JCM20-NPF16	70355-2016	20279871	1 5/8-12	1-11 1/2
JCM20-NPF16-SS	70355-2016S	20466548	1 5/8-12	1-11 1/2
JCM20-NPF20	70355-2020	20279872	1 5/8-12	1 1/4-11 1/2
JCM20-NPF20-SS	70355-2020S	20466058	1 5/8-12	1 1/4-11 1/2
JCM20-NPF24	70355-2024	20279885	1 5/8-12	1 1/2-11 1/2
JCM20-NPF24-SS	70355-2024S	20466559	1 5/8-12	1 1/2-11 1/2
JCM24-NPF16	70355-2416	20279873	1 7/8-12	1-11 1/2
JCM24-NPF16-SS	70355-2416S	20466549	1 7/8-12	1-11 1/2
JCM24-NPF24	70355-2424	20279874	1 7/8-12	1 1/2-11 1/2
JCM24-NPF24-SS	70355-2424S	20466059	1 7/8-12	1 1/2-11 1/2
JCM32-NPF32	70355-3232	20279875	2 1/2-12	2-11 1/2
JCM32-NPF32-SS	70355-3232S	20466550	2 1/2-12	2-11 1/2

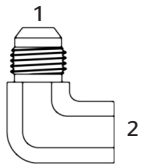
JIC 37°, Male – NPTF, Male



Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPM
JCM02-NPM04	70365-0204	20279769	5/16-24	1/4-18
JCM02-NPM04-SS	70365-0204S	20466509	5/16-24	1/4-18
JCM03-NPM02	70365-0302	20279809	3/8-24	1/8-27
JCM03-NPM02-SS	70365-0302S	20466520	3/8-24	1/8-27
JCM03-NPM04	70365-0304	20279770	3/8-24	1/4-18
JCM03-NPM04-SS	70365-0304S	20466510	3/8-24	1/4-18
JCM04-NPM02	70365-0402	20279810	7/16-20	1/8-27
JCM04-NPM02-SS	70365-0402S	20466043	7/16-20	1/8-27
JCM04-NPM04	70365-0404	20279811	7/16-20	1/4-18
JCM04-NPM04-SS	70365-0404S	20434628	7/16-20	1/4-18
JCM04-NPM06	70365-0406	20279771	7/16-20	3/8-18
JCM04-NPM06-SS	70365-0406S	20466023	7/16-20	3/8-18
JCM04-NPM08	70365-0408	20279772	7/16-20	1/2-14
JCM04-NPM08-SS	70365-0408S	20466511	7/16-20	1/2-14
JCM04-NPM12	70365-0412	20279773	7/16-20	3/4-14
JCM05-NPM02	70365-0502	20279812	1/2-20	1/8-27
JCM05-NPM02-SS	70365-0502S	20466521	1/2-20	1/8-27
JCM05-NPM04	70365-0504	20279813	1/2-20	1/4-18
JCM05-NPM04-SS	70365-0504S	20466045	1/2-20	1/4-18
JCM05-NPM06	70365-0506	20279774	1/2-20	3/8-18
JCM05-NPM06-SS	70365-0506S	20466512	1/2-20	3/8-18
JCM05-NPM08	70365-0508	20279814	1/2-20	1/2-14
JCM06-NPM02	70365-0602	20279775	9/16-18	1/8-27
JCM06-NPM02-SS	70365-0602S	20466024	9/16-18	1/8-27
JCM06-NPM04	70365-0604	20279815	9/16-18	1/4-18
JCM06-NPM04-SS	70365-0604S	20466046	9/16-18	1/4-18
JCM06-NPM06	70365-0606	20279816	9/16-18	3/8-18
JCM06-NPM06-SS	70365-0606S	20434629	9/16-18	3/8-18
JCM06-NPM08	70365-0608	20279776	9/16-18	1/2-14
JCM06-NPM08-SS	70365-0608S	20466025	9/16-18	1/2-14
JCM06-NPM12	70365-0612	20279817	9/16-18	3/4-14
JCM06-NPM12-SS	70365-0612S	20466522	9/16-18	3/4-14
JCM06-NPM16	70365-0616	20279777	9/16-18	1-11½
JCM08-NPM02	70365-0802	20279818	3/4-16	1/8-27
JCM08-NPM02-SS	70365-0802S	20466523	3/4-16	1/8-27
JCM08-NPM04	70365-0804	20279778	3/4-16	1/4-18
JCM08-NPM04-SS	70365-0804S	20466026	3/4-16	1/4-18
JCM08-NPM06	70365-0806	20279779	3/4-16	3/8-18
JCM08-NPM06-SS	70365-0806S	20466027	3/4-16	3/8-18
JCM08-NPM08	70365-0808	20279780	3/4-16	1/2-14
JCM08-NPM08-SS	70365-0808S	20434630	3/4-16	1/2-14
JCM08-NPM12	70365-0812	20279781	3/4-16	3/4-14
JCM08-NPM12-SS	70365-0812S	20458077	3/4-16	3/4-14
JCM08-NPM16	70365-0816	20279819	3/4-16	1-11½
JCM08-NPM16-SS	70365-0816S	20466524	3/4-16	1-11½
JCM10-NPM04	70365-1004	20279782	7/8-14	1/4-18
JCM10-NPM04-SS	70365-1004S	20466513	7/8-14	1/4-18
JCM10-NPM06	70365-1006	20279783	7/8-14	3/8-18
JCM10-NPM06-SS	70365-1006S	20466030	7/8-14	3/8-18
JCM10-NPM08	70365-1008	20279784	7/8-14	1/2-14
JCM10-NPM08-SS	70365-1008S	20466031	7/8-14	1/2-14
JCM10-NPM12	70365-1012	20279785	7/8-14	3/4-14
JCM10-NPM12-SS	70365-1012S	20466032	7/8-14	3/4-14
JCM10-NPM16	70365-1016	20279820	7/8-14	1-11½
JCM10-NPM16-SS	70365-1016S	20466525	7/8-14	1-11½

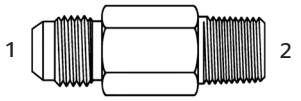
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPM
JCM12-NPM06	70365-1206	20279821	1 1/16-12	3/8-18
JCM12-NPM06-SS	70365-1206S	20466526	1 1/16-12	3/8-18
JCM12-NPM08	70365-1208	20279786	1 1/16-12	1/2-14
JCM12-NPM08-SS	70365-1208S	20466033	1 1/16-12	1/2-14
JCM12-NPM12	70365-1212	20279822	1 1/16-12	3/4-14
JCM12-NPM12-SS	70365-1212S	20434631	1 1/16-12	3/4-14
JCM12-NPM16	70365-1216	20279787	1 1/16-12	1-11½
JCM12-NPM16-SS	70365-1216S	20458076	1 1/16-12	1-11½
JCM12-NPM20	70365-1220	20279823	1 1/16-12	1¼-11½
JCM12-NPM20-SS	70365-1220S	20466527	1 1/16-12	1¼-11½
JCM12-NPM24	70365-1224	20279788	1 1/16-12	1½-11½
JCM14-NPM12	70365-1412	20279824	1 3/16-12	3/4-14
JCM14-NPM12-SS	70365-1412S	20466528	1 3/16-12	3/4-14
JCM14-NPM16	70365-1416	20279789	1 3/16-12	1-11½
JCM16-NPM08	70365-1608	20279825	1 5/16-12	1/2-14
JCM16-NPM08-SS	70365-1608S	20466529	1 5/16-12	1/2-14
JCM16-NPM12	70365-1612	20279790	1 5/16-12	3/4-14
JCM16-NPM12-SS	70365-1612S	20466035	1 5/16-12	3/4-14
JCM16-NPM16	70365-1616	20279791	1 5/16-12	1-11½
JCM16-NPM16-SS	70365-1616S	20434633	1 5/16-12	1-11½
JCM16-NPM20	70365-1620	20279792	1 5/16-12	1¼-11½
JCM16-NPM20-SS	70365-1620S	20466037	1 5/16-12	1¼-11½
JCM16-NPM24	70365-1624	20279793	1 5/16-12	1½-11½
JCM16-NPM24-SS	70365-1624S	20466514	1 5/16-12	1½-11½
JCM16-NPM32	70365-1632	20279794	1 5/16-12	2-11½
JCM20-NPM12	70365-2012	20279826	1 5/8-12	3/4-14
JCM20-NPM12-SS	70365-2012S	20466530	1 5/8-12	3/4-14
JCM20-NPM16	70365-2016	20279795	1 5/8-12	1-11½
JCM20-NPM16-SS	70365-2016S	20466038	1 5/8-12	1-11½
JCM20-NPM20	70365-2020	20279796	1 5/8-12	1¼-11½
JCM20-NPM20-SS	70365-2020S	20466039	1 5/8-12	1¼-11½
JCM20-NPM24	70365-2024	20279797	1 5/8-12	1½-11½
JCM20-NPM24-SS	70365-2024S	20466515	1 5/8-12	1½-11½
JCM20-NPM32	70365-2032	20279798	1 5/8-12	2-11½
JCM20-NPM32-SS	70365-2032S	20466516	1 5/8-12	2-11½
JCM24-NPM16	70365-2416	20279799	1 7/8-12	1-11½
JCM24-NPM16-SS	70365-2416S	20466517	1 7/8-12	1-11½
JCM24-NPM20	70365-2420	20279800	1 7/8-12	1¼-11½
JCM24-NPM20-SS	70365-2420S	20466040	1 7/8-12	1¼-11½
JCM24-NPM24	70365-2424	20279801	1 7/8-12	1½-11½
JCM24-NPM24-SS	70365-2424S	20466041	1 7/8-12	1½-11½
JCM24-NPM32	70365-2432	20279827	1 7/8-12	2-11½
JCM24-NPM32-SS	70365-2432S	20466531	1 7/8-12	2-11½
JCM32-NPM12	70365-3212	20279802	2½-12	3/4-14
JCM32-NPM16	70365-3216	20279803	2½-12	1-11½
JCM32-NPM20	70365-3220	20279804	2½-12	1¼-11½
JCM32-NPM24	70365-3224	20279805	2½-12	1½-11½
JCM32-NPM24-SS	70365-3224S	20466518	2½-12	1½-11½
JCM32-NPM32	70365-3232	20279806	2½-12	2-11½
JCM32-NPM32-SS	70365-3232S	20466042	2½-12	2-11½
JCM40-NPM40	70365-4040	20279807	3-12	2½-8
JCM40-NPM40-SS	70365-4040S	20466519	3-12	2½-8
JCM48-NPM48	70365-4848	20279808	3½-12	3-8

JIC 37°, Male – NPTF, Female, 90° Elbow



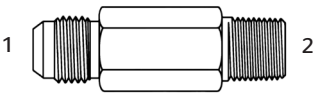
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPF
JCM03-NPF02-90	70358-0302	20280048	3/8-24	1/8-27
JCM04-NPF02-90	70358-0402	20280049	7/16-20	1/8-27
JCM04-NPF02-90-SS	70358-0402S	20466580	7/16-20	1/8-27
JCM04-NPF04-90	70358-0404	20280050	7/16-20	1/4-18
JCM04-NPF04-90-SS	70358-0404S	20434647	7/16-20	1/4-18
JCM04-NPF06-90	70358-0406	20280051	7/16-20	3/8-18
JCM04-NPF08-90	70358-0408	20280045	7/16-20	1/2-14
JCM05-NPF02-90	70358-0502	20280052	1/2-20	1/8-27
JCM05-NPF04-90	70358-0504	20280053	1/2-20	1/4-18
JCM05-NPF04-90-SS	70358-0504S	20466581	1/2-20	1/4-18
JCM05-NPF06-90	70358-0506	20280046	1/2-20	3/8-18
JCM06-NPF02-90	70358-0602	20280054	9/16-18	1/8-27
JCM06-NPF04-90	70358-0604	20280055	9/16-18	1/4-18
JCM06-NPF04-90-SS	70358-0604S	20466097	9/16-18	1/4-18
JCM06-NPF06-90	70358-0606	20280056	9/16-18	3/8-18
JCM06-NPF06-90-SS	70358-0606S	20434648	9/16-18	3/8-18
JCM06-NPF08-90	70358-0608	20280057	9/16-18	1/2-14
JCM08-NPF04-90	70358-0804	20280058	3/4-16	1/4-18
JCM08-NPF04-90-SS	70358-0804S	20466582	3/4-16	1/4-18
JCM08-NPF06-90	70358-0806	20280059	3/4-16	3/8-18
JCM08-NPF06-90-SS	70358-0806S	20466099	3/4-16	3/8-18
JCM08-NPF08-90	70358-0808	20280060	3/4-16	1/2-14
JCM08-NPF08-90-SS	70358-0808S	20434649	3/4-16	1/2-14
JCM08-NPF12-90	70358-0812	20280047	3/4-16	3/4-14
JCM10-NPF08-90	70358-1008	20280061	7/8-14	1/2-14
JCM10-NPF08-90-SS	70358-1008S	20466101	7/8-14	1/2-14
JCM12-NPF08-90	70358-1208	20280062	1 1/16-12	1/2-14
JCM12-NPF08-90-SS	70358-1208S	20466102	1 1/16-12	1/2-14
JCM12-NPF12-90	70358-1212	20280063	1 1/16-12	3/4-14
JCM12-NPF12-90-SS	70358-1212S	20434660	1 1/16-12	3/4-14
JCM14-NPF12-90	70358-1412	20280064	1 3/16-12	3/4-14
JCM16-NPF12-90	70358-1612	20280065	1 5/16-12	3/4-14
JCM16-NPF16-90	70358-1616	20280066	1 5/16-12	1-11 1/2
JCM16-NPF16-90-SS	70358-1616S	20434661	1 5/16-12	1-11 1/2
JCM20-NPF20-90	70358-2020	20280067	1 5/8-12	1 1/4-11 1/2
JCM20-NPF20-90-SS	70358-2020S	20466583	1 5/8-12	1 1/4-11 1/2
JCM24-NPF24-90	70358-2424	20280068	1 7/8-12	1 1/2-11 1/2
JCM24-NPF24-90-SS	70358-2424S	20466584	1 7/8-12	1 1/2-11 1/2
JCM32-NPF32-90	70358-3232	20280069	2 1/2-12	2-11 1/2

JIC 37°, Male – NPTF, Male, Long



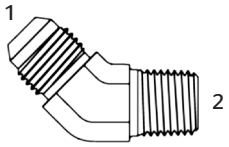
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPM
JCM04-NPM02-L	70368-0402	20279828	7/16-20	1/8-27
JCM04-NPM02-L-SS	70368-0402S	20466532	7/16-20	1/8-27
JCM04-NPM04-L	70368-0404	20279829	7/16-20	1/4-18
JCM04-NPM04-L-SS	70368-0404S	20466533	7/16-20	1/4-18
JCM06-NPM04-L	70368-0604	20279830	9/16-18	1/4-18
JCM06-NPM04-L-SS	70368-0604S	20466534	9/16-18	1/4-18
JCM06-NPM06-L	70368-0606	20279831	9/16-18	3/8-18
JCM06-NPM06-L-SS	70368-0606S	20466535	9/16-18	3/8-18
JCM08-NPM06-L	70368-0806	20279832	3/4-16	3/8-18
JCM08-NPM06-L-SS	70368-0806S	20466536	3/4-16	3/8-18
JCM08-NPM08-L	70368-0808	20279833	3/4-16	1/2-14
JCM08-NPM08-L-SS	70368-0808S	20466537	3/4-16	1/2-14
JCM10-NPM08-L	70368-1008	20279834	7/8-14	1/2-14
JCM10-NPM08-L-SS	70368-1008S	20465901	7/8-14	1/2-14
JCM12-NPM08-L	70368-1208	20279835	1 1/16-12	1/2-14
JCM12-NPM12-L	70368-1212	20279836	1 1/16-12	3/4-14
JCM12-NPM12-L-SS	70368-1212S	20466538	1 1/16-12	3/4-14
JCM16-NPM16-L	70368-1616	20279837	1 5/16-12	1-11 1/2
JCM16-NPM16-L-SS	70368-1616S	20465902	1 5/16-12	1-11 1/2
JCM20-NPM20-L	70368-2020	20279838	1 5/8-12	1 1/4-11 1/2
JCM24-NPM24-L	70368-2424	20279839	1 7/8-12	1 1/2-11 1/2

JIC 37°, Male – NPTF, Male, Extra Long



Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPM
JCM04-NPM02-LL	70370-0402	20279840	7/16-20	1/8-27
JCM04-NPM04-LL	70370-0404	20279841	7/16-20	1/4-18
JCM06-NPM04-LL	70370-0604	20279842	9/16-18	1/4-18
JCM06-NPM06-LL	70370-0606	20279843	9/16-18	3/8-18
JCM08-NPM06-LL	70370-0806	20279844	3/4-16	3/8-18
JCM08-NPM08-LL	70370-0808	20279845	3/4-16	1/2-14
JCM10-NPM08-LL	70370-1008	20279846	7/8-14	1/2-14
JCM12-NPM12-LL	70370-1212	20279847	1 1/16-12	3/4-14
JCM16-NPM12-LL	70370-1612	20279848	1 5/16-12	3/4-14
JCM16-NPM16-LL	70370-1616	20279849	1 5/16-12	1-11 1/2

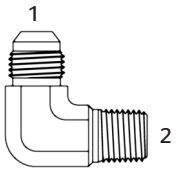
JIC 37°, Male – NPTF, Male, 45° Elbow



Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPM
JCM02-NPM02-45	70373-0202	20280073	5/16-24	1/8-27
JCM02-NPM02-45-SS	70373-0202S	20465907	5/16-24	1/8-27
JCM03-NPM02-45	70373-0302	20280074	3/8-24	1/8-27
JCM04-NPM02-45	70373-0402	20280075	7/16-20	1/8-27
JCM04-NPM02-45-SS	70373-0402S	20466105	7/16-20	1/8-27
JCM04-NPM04-45	70373-0404	20280076	7/16-20	1/4-18
JCM04-NPM04-45-SS	70373-0404S	20466106	7/16-20	1/4-18
JCM04-NPM06-45	70373-0406	20280077	7/16-20	3/8-18
JCM04-NPM08-45	70373-0408	20280078	7/16-20	1/2-14
JCM05-NPM02-45	70373-0502	20280079	1/2-20	1/8-27
JCM05-NPM02-45-SS	70373-0502S	20466585	1/2-20	1/8-27
JCM05-NPM04-45	70373-0504	20280080	1/2-20	1/4-18
JCM05-NPM04-45-SS	70373-0504S	20466107	1/2-20	1/4-18
JCM05-NPM06-45	70373-0506	20280070	1/2-20	3/8-18
JCM06-NPM02-45	70373-0602	20280081	9/16-18	1/8-27
JCM06-NPM02-45-SS	70373-0602S	20466586	9/16-18	1/8-27
JCM06-NPM04-45	70373-0604	20280082	9/16-18	1/4-18
JCM06-NPM04-45-SS	70373-0604S	20466108	9/16-18	1/4-18
JCM06-NPM06-45	70373-0606	20280083	9/16-18	3/8-18
JCM06-NPM06-45-SS	70373-0606S	20466109	9/16-18	3/8-18
JCM06-NPM08-45	70373-0608	20280084	9/16-18	1/2-14
JCM06-NPM08-45-SS	70373-0608S	20466110	9/16-18	1/2-14
JCM06-NPM12-45	70373-0612	20280085	9/16-18	3/4-14
JCM08-NPM04-45	70373-0804	20280086	3/4-16	1/4-18
JCM08-NPM04-45-SS	70373-0804S	20466587	3/4-16	1/4-18
JCM08-NPM06-45	70373-0806	20280087	3/4-16	3/8-18
JCM08-NPM06-45-SS	70373-0806S	20466111	3/4-16	3/8-18
JCM08-NPM08-45	70373-0808	20280088	3/4-16	1/2-14
JCM08-NPM08-45-SS	70373-0808S	20466112	3/4-16	1/2-14
JCM08-NPM12-45	70373-0812	20280089	3/4-16	3/4-14

Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPM
JCM08-NPM12-45-SS	70373-0812S	20466113	3/4-16	3/4-14
JCM10-NPM06-45	70373-1006	20280090	7/8-14	3/8-18
JCM10-NPM06-45-SS	70373-1006S	20466114	7/8-14	3/8-18
JCM10-NPM08-45	70373-1008	20280091	7/8-14	1/2-14
JCM10-NPM08-45-SS	70373-1008S	20466115	7/8-14	1/2-14
JCM10-NPM12-45	70373-1012	20280092	7/8-14	3/4-14
JCM12-NPM06-45	70373-1206	20280071	1 1/16-12	3/8-18
JCM12-NPM08-45	70373-1208	20280093	1 1/16-12	1/2-14
JCM12-NPM08-45-SS	70373-1208S	20466116	1 1/16-12	1/2-14
JCM12-NPM12-45	70373-1212	20280094	1 1/16-12	3/4-14
JCM12-NPM12-45-SS	70373-1212S	20466117	1 1/16-12	3/4-14
JCM12-NPM16-45	70373-1216	20280095	1 1/16-12	1-11 1/2
JCM14-NPM12-45	70373-1412	20280096	1 3/16-12	3/4-14
JCM16-NPM08-45	70373-1608	20280097	1 5/16-12	1/2-14
JCM16-NPM12-45	70373-1612	20280098	1 5/16-12	3/4-14
JCM16-NPM12-45-SS	70373-1612S	20466118	1 5/16-12	3/4-14
JCM16-NPM16-45	70373-1616	20280099	1 5/16-12	1-11 1/2
JCM16-NPM16-45-SS	70373-1616S	20466119	1 5/16-12	1-11 1/2
JCM16-NPM20-45	70373-1620	20280100	1 5/16-12	1 1/4-11 1/2
JCM20-NPM16-45	70373-2016	20280101	1 5/8-12	1-11 1/2
JCM20-NPM20-45	70373-2020	20280102	1 5/8-12	1 1/4-11 1/2
JCM20-NPM20-45-SS	70373-2020S	20466120	1 5/8-12	1 1/4-11 1/2
JCM20-NPM24-45	70373-2024	20280103	1 5/8-12	1 1/2-11 1/2
JCM24-NPM24-45	70373-2424	20280104	1 7/8-12	1 1/2-11 1/2
JCM24-NPM24-45-SS	70373-2424S	20466121	1 7/8-12	1 1/2-11 1/2
JCM32-NPM32-45	70373-3232	20280105	2 1/2-12	2-11 1/2
JCM32-NPM32-45-SS	70373-3232S	20465614	2 1/2-12	2-11 1/2
JCM40-NPM40-45	70373-4040	20280072	3-12	2 1/2-8

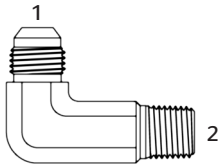
JIC 37°, Male – NPTF, Male, 90° Elbow



Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPM
JCM03-NPM02-90	70375-0302	20279949	3/8-24	1/8-27
JCM03-NPM02-90-SS	70375-0302S	20466563	3/8-24	1/8-27
JCM03-NPM04-90	70375-0304	20279946	3/8-24	1/4-18
JCM04-NPM02-90	70375-0402	20279950	7/16-20	1/8-27
JCM04-NPM02-90-SS	70375-0402S	20466070	7/16-20	1/8-27
JCM04-NPM04-90	70375-0404	20279951	7/16-20	1/4-18
JCM04-NPM04-90-SS	70375-0404S	20434639	7/16-20	1/4-18
JCM04-NPM06-90	70375-0406	20279952	7/16-20	3/8-18
JCM04-NPM06-90-SS	70375-0406S	20466072	7/16-20	3/8-18
JCM04-NPM08-90	70375-0408	20279953	7/16-20	1/2-14
JCM04-NPM08-90-SS	70375-0408S	20466073	7/16-20	1/2-14
JCM05-NPM02-90	70375-0502	20279954	1/2-20	1/8-27
JCM05-NPM02-90-SS	70375-0502S	20466564	1/2-20	1/8-27
JCM05-NPM04-90	70375-0504	20279955	1/2-20	1/4-18
JCM05-NPM04-90-SS	70375-0504S	20466074	1/2-20	1/4-18
JCM05-NPM06-90	70375-0506	20279956	1/2-20	3/8-18
JCM05-NPM06-90-SS	70375-0506S	20466565	1/2-20	3/8-18
JCM05-NPM08-90	70375-0508	20279957	1/2-20	1/2-14
JCM06-NPM02-90	70375-0602	20279958	9/16-18	1/8-27
JCM06-NPM02-90-SS	70375-0602S	20466075	9/16-18	1/8-27
JCM06-NPM04-90	70375-0604	20279959	9/16-18	1/4-18
JCM06-NPM04-90-SS	70375-0604S	20466076	9/16-18	1/4-18
JCM06-NPM06-90	70375-0606	20279960	9/16-18	3/8-18
JCM06-NPM06-90-SS	70375-0606S	20434640	9/16-18	3/8-18
JCM06-NPM08-90	70375-0608	20279961	9/16-18	1/2-14
JCM06-NPM08-90-SS	70375-0608S	20466078	9/16-18	1/2-14
JCM06-NPM12-90	70375-0612	20279962	9/16-18	3/4-14
JCM06-NPM12-90-SS	70375-0612S	20466566	9/16-18	3/4-14
JCM08-NPM02-90	70375-0802	20279963	3/4-16	1/8-27
JCM08-NPM04-90	70375-0804	20279964	3/4-16	1/4-18
JCM08-NPM04-90-SS	70375-0804S	20466079	3/4-16	1/4-18
JCM08-NPM06-90	70375-0806	20279965	3/4-16	3/8-18
JCM08-NPM06-90-SS	70375-0806S	20466080	3/4-16	3/8-18
JCM08-NPM08-90	70375-0808	20279966	3/4-16	1/2-14
JCM08-NPM08-90-SS	70375-0808S	20434642	3/4-16	1/2-14
JCM08-NPM12-90	70375-0812	20279967	3/4-16	3/4-14
JCM08-NPM12-90-SS	70375-0812S	20466082	3/4-16	3/4-14
JCM08-NPM16-90	70375-0816	20279968	3/4-16	1-11½
JCM08-NPM16-90-SS	70375-0816S	20466567	3/4-16	1-11½
JCM10-NPM06-90	70375-1006	20279969	7/8-14	3/8-18
JCM10-NPM06-90-SS	70375-1006S	20466083	7/8-14	3/8-18
JCM10-NPM08-90	70375-1008	20279970	7/8-14	1/2-14
JCM10-NPM08-90-SS	70375-1008S	20466084	7/8-14	1/2-14
JCM10-NPM12-90	70375-1012	20279971	7/8-14	3/4-14
JCM10-NPM12-90-SS	70375-1012S	20466085	7/8-14	3/4-14
JCM10-NPM16-90	70375-1016	20279972	7/8-14	1-11½

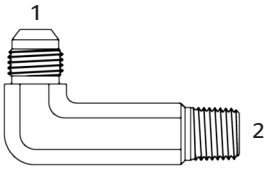
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPM
JCM12-NPM06-90	70375-1206	20279973	1 1/16-12	3/8-18
JCM12-NPM06-90-SS	70375-1206S	20466568	1 1/16-12	3/8-18
JCM12-NPM08-90	70375-1208	20279974	1 1/16-12	1/2-14
JCM12-NPM08-90-SS	70375-1208S	20466086	1 1/16-12	1/2-14
JCM12-NPM12-90	70375-1212	20279975	1 1/16-12	3/4-14
JCM12-NPM12-90-SS	70375-1212S	20434644	1 1/16-12	3/4-14
JCM12-NPM16-90	70375-1216	20279976	1 1/16-12	1-11½
JCM12-NPM16-90-SS	70375-1216S	20466088	1 1/16-12	1-11½
JCM12-NPM20-90	70375-1220	20279977	1 1/16-12	1¼-11½
JCM14-NPM12-90	70375-1412	20279978	1 3/16-12	3/4-14
JCM14-NPM16-90	70375-1416	20279947	1 3/16-12	1-11½
JCM16-NPM08-90	70375-1608	20279979	1 5/16-12	1/2-14
JCM16-NPM08-90-SS	70375-1608S	20466569	1 5/16-12	1/2-14
JCM16-NPM12-90	70375-1612	20279980	1 5/16-12	3/4-14
JCM16-NPM12-90-SS	70375-1612S	20466089	1 5/16-12	3/4-14
JCM16-NPM16-90	70375-1616	20279981	1 5/16-12	1-11½
JCM16-NPM16-90-SS	70375-1616S	20434646	1 5/16-12	1-11½
JCM16-NPM20-90	70375-1620	20279982	1 5/16-12	1¼-11½
JCM16-NPM20-90-SS	70375-1620S	20466091	1 5/16-12	1¼-11½
JCM16-NPM24-90	70375-1624	20279983	1 5/16-12	1½-11½
JCM20-NPM16-90	70375-2016	20279984	1 5/8-12	1-11½
JCM20-NPM16-90-SS	70375-2016S	20466570	1 5/8-12	1-11½
JCM20-NPM20-90	70375-2020	20279985	1 5/8-12	1¼-11½
JCM16-NPM08-90	70375-1608	20279979	1 5/16-12	1/2-14
JCM16-NPM08-90-SS	70375-1608S	20466569	1 5/16-12	1/2-14
JCM16-NPM12-90	70375-1612	20279980	1 5/16-12	3/4-14
JCM16-NPM12-90-SS	70375-1612S	20466089	1 5/16-12	3/4-14
JCM16-NPM16-90	70375-1616	20279981	1 5/16-12	1-11½
JCM16-NPM16-90-SS	70375-1616S	20434646	1 5/16-12	1-11½
JCM16-NPM20-90	70375-1620	20279982	1 5/16-12	1¼-11½
JCM16-NPM20-90-SS	70375-1620S	20466091	1 5/16-12	1¼-11½
JCM16-NPM24-90	70375-1624	20279983	1 5/16-12	1½-11½
JCM20-NPM16-90	70375-2016	20279984	1 5/8-12	1-11½
JCM20-NPM16-90-SS	70375-2016S	20466570	1 5/8-12	1-11½
JCM20-NPM20-90	70375-2020	20279985	1 5/8-12	1¼-11½
JCM20-NPM20-90-SS	70375-2020S	20466092	1 5/8-12	1¼-11½
JCM20-NPM24-90	70375-2024	20279986	1 5/8-12	1½-11½
JCM24-NPM16-90	70375-2416	20279987	1 7/8-12	1-11½
JCM24-NPM20-90	70375-2420	20279988	1 7/8-12	1¼-11½
JCM24-NPM20-90-SS	70375-2420S	20466093	1 7/8-12	1¼-11½
JCM24-NPM24-90	70375-2424	20279989	1 7/8-12	1½-11½
JCM24-NPM24-90-SS	70375-2424S	20466094	1 7/8-12	1½-11½
JCM32-NPM24-90	70375-3224	20279990	2½-12	1½-11½
JCM32-NPM32-90	70375-3232	20279991	2½-12	2-11½
JCM32-NPM32-90-SS	70375-3232S	20466095	2½-12	2-11½
JCM40-NPM40-90	70375-4040	20279948	3-12	2½-8

JIC 37°, Male – NPTF, Male, 90° Elbow, Long



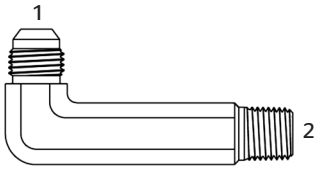
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPM
JCM04-NPM02-90-L	70378-0402	20279996	7/16-20	1/8-27
JCM04-NPM02-90-L-SS	70378-0402S	20466571	7/16-20	1/8-27
JCM04-NPM04-90-L	70378-0404	20279997	7/16-20	1/4-18
JCM04-NPM04-90-L-SS	70378-0404S	20466572	7/16-20	1/4-18
JCM05-NPM02-90-L	70378-0502	20279998	1/2-20	1/8-27
JCM05-NPM04-90-L	70378-0504	20279992	1/2-20	1/4-18
JCM06-NPM02-90-L	70378-0602	20279999	9/16-18	1/8-27
JCM06-NPM04-90-L	70378-0604	20280000	9/16-18	1/4-18
JCM06-NPM04-90-L-SS	70378-0604S	20466573	9/16-18	1/4-18
JCM06-NPM06-90-L	70378-0606	20280001	9/16-18	3/8-18
JCM06-NPM06-90-L-SS	70378-0606S	20466574	9/16-18	3/8-18
JCM06-NPM08-90-L	70378-0608	20280002	9/16-18	1/2-14
JCM08-NPM06-90-L	70378-0806	20280003	3/4-16	3/8-18
JCM08-NPM06-90-L-SS	70378-0806S	20465906	3/4-16	3/8-18
JCM08-NPM08-90-L	70378-0808	20280004	3/4-16	1/2-14
JCM08-NPM08-90-L-SS	70378-0808S	20466575	3/4-16	1/2-14
JCM08-NPM12-90-L	70378-0812	20279993	3/4-16	3/4-14
JCM10-NPM08-90-L	70378-1008	20280005	7/8-14	1/2-14
JCM10-NPM08-90-L-SS	70378-1008S	20466576	7/8-14	1/2-14
JCM12-NPM08-90-L	70378-1208	20279994	1 1/16-12	1/2-14
JCM12-NPM12-90-L	70378-1212	20280006	1 1/16-12	3/4-14
JCM12-NPM12-90-L-SS	70378-1212S	20466577	1 1/16-12	3/4-14
JCM12-NPM16-90-L	70378-1216	20280007	1 1/16-12	1-11 1/2
JCM14-NPM12-90-L	70378-1412	20280008	1 3/16-12	3/4-14
JCM16-NPM16-90-L	70378-1616	20280009	1 5/16-12	1-11 1/2
JCM16-NPM16-90-L-SS	70378-1616S	20466578	1 5/16-12	1-11 1/2
JCM20-NPM20-90-L	70378-2020	20280010	1 5/8-12	1 1/4-11 1/2
JCM20-NPM20-90-L-SS	70378-2020S	20466579	1 5/8-12	1 1/4-11 1/2
JCM24-NPM24-90-L	70378-2424	20279995	1 7/8-12	1 1/2-11 1/2

JIC 37°, Male – NPTF, Male, 90° Elbow, Extra Long



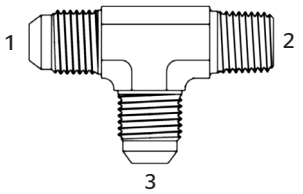
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPM
JCM04-NPM02-90-XL	70380-0402	20280013	7/16-20	1/8-27
JCM04-NPM04-90-XL	70380-0404	20280014	7/16-20	1/4-18
JCM05-NPM02-90-XL	70380-0502	20280015	1/2-20	1/8-27
JCM05-NPM04-90-XL	70380-0504	20280016	1/2-20	1/4-18
JCM06-NPM04-90-XL	70380-0604	20280017	9/16-18	1/4-18
JCM06-NPM06-90-XL	70380-0606	20280018	9/16-18	3/8-18
JCM06-NPM08-90-XL	70380-0608	20280019	9/16-18	1/2-14
JCM08-NPM06-90-XL	70380-0806	20280020	3/4-16	3/8-18
JCM08-NPM08-90-XL	70380-0808	20280021	3/4-16	1/2-14
JCM10-NPM08-90-XL	70380-1008	20280022	7/8-14	1/2-14
JCM12-NPM08-90-XL	70380-1208	20280011	1 1/16-12	1/2-14
JCM12-NPM12-90-XL	70380-1212	20280023	1 1/16-12	3/4-14
JCM14-NPM12-90-XL	70380-1412	20280024	1 3/16-12	3/4-14
JCM16-NPM16-90-XL	70380-1616	20280025	1 5/16-12	1-11 1/2
JCM20-NPM20-90-XL	70380-2020	20280026	1 5/8-12	1 1/4-11 1/2
JCM24-NPM24-90-XL	70380-2424	20280012	1 7/8-12	1 1/2-11 1/2

JIC 37°, Male – NPTF, Male, 90° Elbow, Extra Extra Long



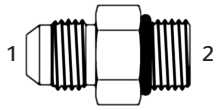
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPM
JCM04-NPM02-90-XXL	70382-0402	20280027	7/16-20	1/8-27
JCM04-NPM04-90-XXL	70382-0404	20280028	7/16-20	1/4-18
JCM05-NPM02-90-XXL	70382-0502	20280029	1/2-20	1/8-27
JCM06-NPM04-90-XXL	70382-0604	20280030	9/16-18	1/4-18
JCM06-NPM06-90-XXL	70382-0606	20280031	9/16-18	3/8-18
JCM08-NPM06-90-XXL	70382-0806	20280032	3/4-16	3/8-18
JCM08-NPM08-90-XXL	70382-0808	20280033	3/4-16	1/2-14
JCM10-NPM08-90-XXL	70382-1008	20280034	7/8-14	1/2-14
JCM12-NPM12-90-XXL	70382-1212	20280035	1 1/16-12	3/4-14
JCM16-NPM16-90-XXL	70382-1616	20280036	1 5/16-12	1-11 1/2
JCM20-NPM20-90-XXL	70382-2020	20280037	1 5/8-12	1 1/4-11 1/2

JIC 37°, Male – NPTF, Male – JIC 37°, Male Tee



Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPM
JCM04-NPM02-JCM04	70383-0204	20466786	7/16-20	1/8-27
JCM04-NPM04-JCM04-SS	70383-0404S	20466750	7/16-20	1/4-18
JCM06-NPM04-JCM06	70383-0406	20466060	9/16-18	1/4-18
JCM06-NPM06-JCM06-SS	70383-0606S	20466751	9/16-18	3/8-18
JCM08-NPM08-JCM08-SS	70383-0808S	20466753	3/4-16	1/2-14
JCM10-NPM08-JCM10	70383-0810	20466050	7/8-14	1/2-14
JCM12-NPM12-JCM12	70383-1212	20466077	1 1/16-12	3/4-14
JCM16-NPM16-JCM16	70383-1616	20466744	1 5/16-12	1-11 1/2

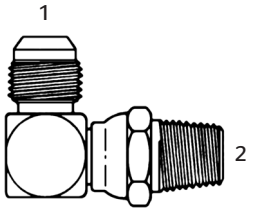
JIC 37°, Male – OR Boss, Male



Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 OBM
JCM02-OBM02	70395-0202	20527218	5/16-24	5/16-24
JCM03-OBM03	70395-0303	20280496	3/8-24	3/8-24
JCM03-OBM03-SS	70395-0303S	20466677	3/8-24	3/8-24
JCM04-OBM02	70395-0402	20280497	7/16-20	5/16-24
JCM04-OBM03	70395-0403	20280518	7/16-20	3/8-24
JCM04-OBM03-SS	70395-0403S	20466681	7/16-20	3/8-24
JCM04-OBM04	70395-0404	20280519	7/16-20	7/16-20
JCM04-OBM04-SS	70395-0404S	20466276	7/16-20	7/16-20
JCM04-OBM05	70395-0405	20280520	7/16-20	1/2-20
JCM04-OBM05-SS	70395-0405S	20466682	7/16-20	1/2-20
JCM04-OBM06	70395-0406	20280521	7/16-20	9/16-18
JCM04-OBM06-SS	70395-0406S	20466277	7/16-20	9/16-18
JCM04-OBM08	70395-0408	20280522	7/16-20	3/4-16
JCM04-OBM08-SS	70395-0408S	20466278	7/16-20	3/4-16
JCM04-OBM10	70395-0410	20280498	7/16-20	7/8-14
JCM05-OBM04	70395-0504	20280523	1/2-20	7/16-20
JCM05-OBM04-SS	70395-0504S	20465931	1/2-20	7/16-20
JCM05-OBM05	70395-0505	20280524	1/2-20	1/2-20
JCM05-OBM05-SS	70395-0505S	20465877	1/2-20	1/2-20
JCM05-OBM06	70395-0506	20280525	1/2-20	9/16-18
JCM05-OBM08	70395-0508	20280499	1/2-20	3/4-16
JCM06-OBM04	70395-0604	20280526	9/16-18	7/16-20
JCM06-OBM04-SS	70395-0604S	20466279	9/16-18	7/16-20
JCM06-OBM05	70395-0605	20280527	9/16-18	1/2-20
JCM06-OBM06	70395-0606	20280528	9/16-18	9/16-18
JCM06-OBM06-SS	70395-0606S	20466280	9/16-18	9/16-18
JCM06-OBM08	70395-0608	20280529	9/16-18	3/4-16
JCM06-OBM08-SS	70395-0608S	20466281	9/16-18	3/4-16
JCM06-OBM10	70395-0610	20280530	9/16-18	7/8-14
JCM06-OBM10-SS	70395-0610S	20466282	9/16-18	7/8-14
JCM06-OBM12	70395-0612	20280531	9/16-18	11/16-12
JCM06-OBM12-SS	70395-0612S	20466683	9/16-18	11/16-12
JCM06-OBM14	70395-0614	20280500	9/16-18	13/16-12
JCM06-OBM16	70395-0616	20280501	9/16-18	15/16-12
JCM08-OBM04	70395-0804	20280502	3/4-16	7/16-20
JCM08-OBM04-SS	70395-0804S	20466678	3/4-16	7/16-20
JCM08-OBM06	70395-0806	20280532	3/4-16	9/16-18
JCM08-OBM06-SS	70395-0806S	20466283	3/4-16	9/16-18
JCM08-OBM08	70395-0808	20280533	3/4-16	3/4-16
JCM08-OBM08-SS	70395-0808S	20466284	3/4-16	3/4-16
JCM08-OBM10	70395-0810	20280534	3/4-16	7/8-14
JCM08-OBM10-SS	70395-0810S	20466285	3/4-16	7/8-14
JCM08-OBM12	70395-0812	20280535	3/4-16	11/16-12
JCM08-OBM12-SS	70395-0812S	20466286	3/4-16	11/16-12
JCM08-OBM14	70395-0814	20280503	3/4-16	13/16-12
JCM08-OBM16	70395-0816	20280536	3/4-16	15/16-12
JCM08-OBM16-SS	70395-0816S	20466684	3/4-16	15/16-12
JCM10-OBM04	70395-1004	20280504	7/8-14	7/16-20
JCM10-OBM06	70395-1006	20280537	7/8-14	9/16-18
JCM10-OBM06-SS	70395-1006S	20466685	7/8-14	9/16-18
JCM10-OBM08	70395-1008	20280538	7/8-14	3/4-16
JCM10-OBM08-SS	70395-1008S	20466287	7/8-14	3/4-16
JCM10-OBM10	70395-1010	20280539	7/8-14	7/8-14

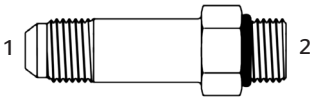
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 OBM
JCM10-OBM10-SS	70395-1010S	20466288	7/8-14	7/8-14
JCM10-OBM12	70395-1012	20280540	7/8-14	11/16-12
JCM10-OBM12-SS	70395-1012S	20466289	7/8-14	11/16-12
JCM10-OBM14	70395-1014	20280505	7/8-14	13/16-12
JCM10-OBM16	70395-1016	20280541	7/8-14	15/16-12
JCM10-OBM16-SS	70395-1016S	20466686	7/8-14	15/16-12
JCM10-OBM20	70395-1020	20280506	7/8-14	15/8-12
JCM12-OBM06	70395-1206	20280542	11/16-12	9/16-18
JCM12-OBM08	70395-1208	20280543	11/16-12	3/4-16
JCM12-OBM08-SS	70395-1208S	20466290	11/16-12	3/4-16
JCM12-OBM10	70395-1210	20280544	11/16-12	7/8-14
JCM12-OBM10-SS	70395-1210S	20466291	11/16-12	7/8-14
JCM12-OBM12	70395-1212	20280545	11/16-12	11/16-12
JCM12-OBM12-SS	70395-1212S	20466292	11/16-12	11/16-12
JCM12-OBM14	70395-1214	20280507	11/16-12	13/16-12
JCM12-OBM16	70395-1216	20280546	11/16-12	15/16-12
JCM12-OBM16-SS	70395-1216S	20466293	11/16-12	15/16-12
JCM12-OBM20	70395-1220	20280547	11/16-12	15/8-12
JCM12-OBM24	70395-1224	20280508	11/16-12	17/8-12
JCM14-OBM10	70395-1410	20280509	13/16-12	7/8-14
JCM14-OBM12	70395-1 412	20280510	13/16-12	11/16-12
JCM14-OBM14	70395-1414	20280511	13/16-12	13/16-12
JCM14-OBM16	70395-1416	20280512	13/16-12	15/16-12
JCM16-OBM10	70395-1610	20280548	15/16-12	7/8-14
JCM16-OBM10-SS	70395-1610S	20466687	15/16-12	7/8-14
JCM16-OBM12	70395-1612	20280549	15/16-12	11/16-12
JCM16-OBM12-SS	70395-1612S	20466294	15/16-12	11/16-12
JCM16-OBM14	70395-1614	20280513	15/16-12	13/16-12
JCM16-OBM16	70395-1616	20280550	15/16-12	15/16-12
JCM16-OBM16-SS	70395-1616S	20466295	15/16-12	15/16-12
JCM16-OBM20	70395-1620	20280551	15/16-12	15/8-12
JCM16-OBM20-SS	70395-1620S	20466296	15/16-12	15/8-12
JCM16-OBM24	70395-1624	20280552	15/16-12	17/8-12
JCM20-OBM12	70395-2012	20280553	15/8-12	11/16-12
JCM20-OBM12-SS	70395-2012S	20466688	15/8-12	11/16-12
JCM20-OBM16	70395-2016	20280554	15/8-12	15/16-12
JCM20-OBM16-SS	70395-2016S	20466297	15/8-12	15/16-12
JCM20-OBM20	70395-2020	20280555	15/8-12	15/8-12
JCM20-OBM20-SS	70395-2020S	20466298	15/8-12	15/8-12
JCM20-OBM24	70395-2024	20280556	15/8-12	17/8-12
JCM20-OBM24-SS	70395-2024S	20466689	15/8-12	17/8-12
JCM24-OBM16	70395-2416	20280557	17/8-12	15/16-12
JCM24-OBM20	70395-2420	20280558	17/8-12	15/8-12
JCM24-OBM20-SS	70395-2420S	20466690	17/8-12	15/8-12
JCM24-OBM24	70395-2424	20280559	17/8-12	17/8-12
JCM24-OBM24-SS	70395-2424S	20466299	17/8-12	17/8-12
JCM24-OBM32	70395-2432	20280514	17/8-12	21/2-12
JCM24-OBM32-SS	70395-2432S	20466679	17/8-12	21/2-12
JCM32-OBM20	70395-3220	20280515	2 1/2-12	15/8-12
JCM32-OBM24	70395-3224	20280516	2 1/2-12	15/8-12
JCM32-OBM32	70395-3232	20280517	2 1/2-12	21/2-12
JCM32-OBM32-SS	70395-3232S	20466680	2 1/2-12	2 1/2-12

JIC 37°, Male – NPTF, Male, Swivel, 90° Elbow



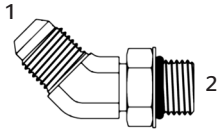
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPM
JCM04-NPMX04-90	70385-0404	20280038	7/16-20	1/4-18
JCM06-NPMX04-90	70385-0604	20280039	9/16-18	1/4-18
JCM06-NPMX06-90	70385-0606	20280040	9/16-18	3/8-18
JCM08-NPMX06-90	70385-0806	20280041	3/4-16	3/8-18
JCM08-NPMX08-90	70385-0808	20280042	3/4-16	1/2-14
JCM10-NPMX08-90	70385-1008	20280043	7/8-14	1/2-14
JCM12-NPMX12-90	70385-1212	20280044	1 1/16-12	3/4-14

JIC 37°, Male – OR Boss, Male, Long



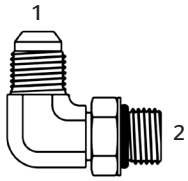
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 OBM
JCM04-OBM04-L	70397-0404	20280566	7/16-20	7/16-20
JCM04-OBM04-L-SS	70397-0404S	20466691	7/16-20	7/16-20
JCM06-OBM06-L	70397-0606	20280567	9/16-18	9/16-18
JCM06-OBM06-L-SS	70397-0606S	20466692	9/16-18	9/16-18
JCM06-OBM08-L	70397-0608	20280560	9/16-18	3/4-16
JCM08-OBM08-L	70397-0808	20280568	3/4-16	3/4-16
JCM08-OBM08-L-SS	70397-0808S	20466693	3/4-16	3/4-16
JCM10-OBM10-L	70397-1010	20280569	7/8-14	7/8-14
JCM10-OBM10-L-SS	70397-1010S	20466694	7/8-14	7/8-14
JCM12-OBM12-L	70397-1212	20280570	1 1/16-12	1 1/16-12
JCM12-OBM12-L-SS	70397-1212S	20466695	1 1/16-12	1 1/16-12
JCM12-OBM16-L	70397-1216	20280561	1 1/16-12	1 5/16-12
JCM14-OBM14-L	70397-1414	20280562	1 3/16-12	1 3/16-12
JCM16-OBM16-L	70397-1616	20280571	1 5/16-12	1 5/16-12
JCM16-OBM16-L-SS	70397-1616S	20466696	1 5/16-12	1 5/16-12
JCM20-OBM16-L	70397-2016	20280563	1 5/8-12	1 5/16-12
JCM20-OBM20-L	70397-2020	20280564	1 5/8-12	1 5/8-12
JCM24-OBM24-L	70397-2424	20280565	1 7/8-12	1 7/8-12

JIC 37°, Male – OR Boss, Male, 45° Elbow



Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 OBM
JCM02-OBM02-45	70400-0202	20280924	5/16-24	5/16-24
JCM04-OBM04-45	70400-0404	20280925	7/16-20	7/16-20
JCM04-OBM04-45-SS	70400-0404S	20466437	7/16-20	7/16-20
JCM04-OBM05-45	70400-0405	20280926	7/16-20	1/2-20
JCM04-OBM06-45	70400-0406	20280927	7/16-20	9/16-18
JCM04-OBM08-45	70400-0408	20280920	7/16-20	3/4-16
JCM05-OBM04-45	70400-0504	20280928	1/2-20	7/16-20
JCM05-OBM05-45	70400-0505	20280929	1/2-20	1/2-20
JCM05-OBM06-45	70400-0506	20280930	1/2-20	9/16-18
JCM05-OBM08-45	70400-0508	20280921	1/2-20	3/4-16
JCM06-OBM04-45	70400-0604	20280931	9/16-18	7/16-20
JCM06-OBM05-45	70400-0605	20280932	9/16-18	1/2-20
JCM06-OBM06-45	70400-0606	20280933	9/16-18	9/16-18
JCM06-OBM06-45-SS	70400-0606S	20466438	9/16-18	9/16-18
JCM06-OBM08-45	70400-0608	20280934	9/16-18	3/4-16
JCM06-OBM10-45	70400-0610	20280935	9/16-18	7/8-14
JCM08-OBM06-45	70400-0806	20280936	3/4-16	9/16-18
JCM08-OBM06-45-SS	70400-0806S	20466740	3/4-16	9/16-18
JCM08-OBM08-45	70400-0808	20280937	3/4-16	3/4-16
JCM08-OBM08-45-SS	70400-0808S	20466439	3/4-16	3/4-16
JCM08-OBM10-45	70400-0810	20280938	3/4-16	7/8-14
JCM08-OBM10-45-SS	70400-0810S	20466440	3/4-16	7/8-14
JCM08-OBM12-45	70400-0812	20280939	3/4-16	1 1/16-12
JCM08-OBM12-45-SS	70400-0812S	20465941	3/4-16	1 1/16-12
JCM10-OBM08-45	70400-1008	20280940	7/8-14	3/4-16
JCM10-OBM10-45	70400-1010	20280941	7/8-14	7/8-14
JCM10-OBM10-45-SS	70400-1010S	20466441	7/8-14	7/8-14
JCM10-OBM12-45	70400-1012	20280942	7/8-14	1 1/16-12
JCM12-OBM08-45	70400-1208	20280943	1 1/16-12	3/4-16
JCM12-OBM10-45	70400-1210	20280944	1 1/16-12	7/8-14
JCM12-OBM10-45-SS	70400-1210S	20466741	1 1/16-12	7/8-14
JCM12-OBM12-45	70400-1212	20280945	1 1/16-12	1 1/16-12
JCM12-OBM12-45-SS	70400-1212S	20466442	1 1/16-12	1 1/16-12
JCM12-OBM14-45	70400-1214	20280922	1 1/16-12	1 3/16-12
JCM12-OBM16-45	70400-1216	20280946	1 1/16-12	1 5/16-12
JCM12-OBM16-45-SS	70400-1216S	20465942	1 1/16-12	1 5/16-12
JCM14-OBM14-45	70400-1414	20280947	1 3/16-12	1 3/16-12
JCM16-OBM12-45	70400-1612	20280948	1 5/16-12	1 1/16-12
JCM16-OBM12-45-SS	70400-1612S	20465880	1 5/16-12	1 1/16-12
JCM16-OBM16-45	70400-1616	20280949	1 5/16-12	1 5/16-12
JCM16-OBM16-45-SS	70400-1616S	20466443	1 5/16-12	1 5/16-12
JCM16-OBM20-45	70400-1620	20280950	1 5/16-12	1 5/8-12
JCM20-OBM16-45	70400-2016	20280951	1 5/8-12	1 5/16-12
JCM20-OBM20-45	70400-2020	20280952	1 5/8-12	1 5/8-12
JCM20-OBM20-45-SS	70400-2020S	20466742	1 5/8-12	1 5/8-12
JCM20-OBM24-45	70400-2024	20280953	1 5/8-12	1 7/8-12
JCM24-OBM20-45	70400-2420	20280923	1 7/8-12	1 5/8-12
JCM24-OBM24-45	70400-2424	20280954	1 7/8-12	1 7/8-12
JCM32-OBM32-45	70400-3232	20280955	2 1/2-12	2 1/2-12

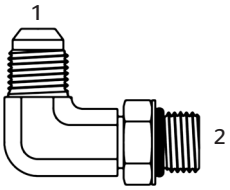
JIC 37°, Male – OR Boss, Male, 90° Elbow



Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 OBM
JCM03-OBM03-90	70403-0303	20280842	3/8-24	3/8-24
JCM03-OBM03-90-SS	70403-0303S	20466734	3/8-24	3/8-24
JCM04-OBM02-90	70403-0402	20280843	7/16-20	5/16-24
JCM04-OBM03-90	70403-0403	20280837	7/16-20	3/8-24
JCM04-OBM04-90	70403-0404	20280844	7/16-20	7/16-20
JCM04-OBM04-90-SS	70403-0404S	20466417	7/16-20	7/16-20
JCM04-OBM05-90	70403-0405	20280845	7/16-20	1/2-20
JCM04-OBM06-90	70403-0406	20280846	7/16-20	9/16-18
JCM04-OBM06-90-SS	70403-0406S	20466418	7/16-20	9/16-18
JCM04-OBM08-90	70403-0408	20280847	7/16-20	3/4-16
JCM04-OBM08-90-SS	70403-0408S	20465879	7/16-20	3/4-16
JCM05-OBM04-90	70403-0504	20280848	1/2-20	7/16-20
JCM05-OBM05-90	70403-0505	20280849	1/2-20	1/2-20
JCM05-OBM05-90-SS	70403-0505S	20466735	1/2-20	1/2-20
JCM05-OBM06-90	70403-0506	20280850	1/2-20	9/16-18
JCM05-OBM08-90	70403-0508	20280851	1/2-20	3/4-16
JCM05-OBM10-90	70403-0510	20280838	1/2-20	7/8-14
JCM06-OBM04-90	70403-0604	20280852	9/16-18	7/16-20
JCM06-OBM04-90-SS	70403-0604S	20466419	9/16-18	7/16-20
JCM06-OBM05-90	70403-0605	20280853	9/16-18	1/2-20
JCM06-OBM06-90	70403-0606	20280854	9/16-18	9/16-18
JCM06-OBM06-90-SS	70403-0606S	20466420	9/16-18	9/16-18
JCM06-OBM08-90	70403-0608	20280855	9/16-18	3/4-16
JCM06-OBM08-90-SS	70403-0608S	20466421	9/16-18	3/4-16
JCM06-OBM10-90	70403-0610	20280856	9/16-18	7/8-14
JCM06-OBM12-90	70403-0612	20280857	9/16-18	1 1/16-12
JCM06-OBM12-90-SS	70403-0612S	20465939	9/16-18	1 1/16-12
JCM08-OBM04-90	70403-0804	20280858	3/4-16	7/16-20
JCM08-OBM04-90-SS	70403-0804S	20466736	3/4-16	7/16-20
JCM08-OBM06-90	70403-0806	20280859	3/4-16	9/16-18
JCM08-OBM06-90-SS	70403-0806S	20466422	3/4-16	9/16-18
JCM08-OBM08-90	70403-0808	20280860	3/4-16	3/4-16
JCM08-OBM08-90-SS	70403-0808S	20466423	3/4-16	3/4-16
JCM08-OBM10-90	70403-0810	20280861	3/4-16	7/8-14
JCM08-OBM10-90-SS	70403-0810S	20466424	3/4-16	7/8-14
JCM08-OBM12-90	70403-0812	20280862	3/4-16	1 1/16-12
JCM08-OBM12-90-SS	70403-0812S	20466425	3/4-16	1 1/16-12
JCM08-OBM16-90	70403-0816	20280863	3/4-16	1 5/16-12
JCM08-OBM16-90-SS	70403-0816S	20466737	3/4-16	1 5/16-12
JCM10-OBM06-90	70403-1006	20280864	7/8-14	9/16-18
JCM10-OBM08-90	70403-1008	20280865	7/8-14	3/4-16
JCM10-OBM08-90-SS	70403-1008S	20466426	7/8-14	3/4-16

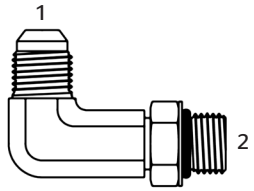
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 OBM
JCM10-OBM10-90	70403-1010	20280866	7/8-14	7/8-14
JCM10-OBM10-90-SS	70403-1010S	20466427	7/8-14	7/8-14
JCM10-OBM12-90	70403-1012	20280867	7/8-14	1 1/16-12
JCM10-OBM16-90	70403-1016	20280868	7/8-14	1 5/16-12
JCM12-OBM06-90	70403-1206	20280839	1 1/16-12	9/16-18
JCM12-OBM08-90	70403-1208	20280869	1 1/16-12	3/4-16
JCM12-OBM08-90-SS	70403-1208S	20466428	1 1/16-12	3/4-16
JCM12-OBM10-90	70403-1210	20280870	1 1/16-12	7/8-14
JCM12-OBM10-90-SS	70403-1210S	20466429	1 1/16-12	7/8-14
JCM12-OBM12-90	70403-1212	20280871	1 1/16-12	1 1/16-12
JCM12-OBM12-90-SS	70403-1212S	20466430	1 1/16-12	1 1/16-12
JCM12-OBM14-90	70403-1214	20280872	1 1/16-12	1 3/16-12
JCM12-OBM16-90	70403-1216	20280873	1 1/16-12	1 5/16-12
JCM12-OBM16-90-SS	70403-1216S	20466431	1 1/16-12	1 5/16-12
JCM12-OBM20-90	70403-1220	20280874	1 1/16-12	1 5/8-12
JCM14-OBM12-90	70403-1412	20280840	1 3/16-12	1 1/16-12
JCM14-OBM14-90	70403-1414	20280875	1 3/16-12	1 3/16-12
JCM14-OBM16-90	70403-1416	20280876	1 3/16-12	1 5/16-12
JCM16-OBM08-90	70403-1608	20280877	1 5/16-12	3/4-16
JCM16-OBM10-90	70403-1610	20280841	1 5/16-12	7/8-14
JCM16-OBM12-90	70403-1612	20280878	1 5/16-12	1 1/16-12
JCM16-OBM12-90-SS	70403-1612S	20466432	1 5/16-12	1 1/16-12
JCM16-OBM14-90	70403-1614	20280879	1 5/16-12	1 3/16-12
JCM16-OBM16-90	70403-1616	20280880	1 5/16-12	1 5/16-12
JCM16-OBM16-90-SS	70403-1616S	20466433	1 5/16-12	1 5/16-12
JCM16-OBM20-90	70403-1620	20280881	1 5/16-12	1 5/8-12
JCM16-OBM20-90-SS	70403-1620S	20466738	1 5/16-12	1 5/8-12
JCM16-OBM24-90	70403-1624	20280882	1 5/16-12	1 7/8-12
JCM20-OBM12-90	70403-2012	20280883	1 5/8-12	1 1/16-12
JCM20-OBM16-90	70403-2016	20280884	1 5/8-12	1 5/16-12
JCM20-OBM16-90-SS	70403-2016S	20466434	1 5/8-12	1 5/16-12
JCM20-OBM20-90	70403-2020	20280885	1 5/8-12	1 5/8-12
JCM20-OBM20-90-SS	70403-2020S	20466435	1 5/8-12	1 5/8-12
JCM20-OBM24-90	70403-2024	20280886	1 5/8-12	1 7/8-12
JCM24-OBM20-90	70403-2420	20280887	1 7/8-12	1 5/8-12
JCM24-OBM20-90-SS	70403-2420S	20466739	1 7/8-12	1 5/8-12
JCM24-OBM24-90	70403-2424	20280888	1 7/8-12	1 7/8-12
JCM24-OBM24-90-SS	70403-2424S	20466436	1 7/8-12	1 7/8-12
JCM32-OBM24-90	70403-3224	20280889	2 1/2-12	1 7/8-12
JCM32-OBM32-90	70403-3232	20280890	2 1/2-12	2 1/2-12
JCM32-OBM32-90-SS	70403-3232S	20465940	2 1/2-12	2 1/2-12

JIC 37°, Male – OR Boss, Male, 90° Elbow, Long



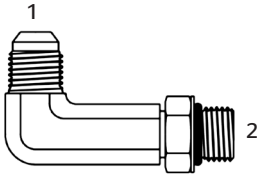
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 OBM
JCM04-OBM04-90-L	70405-0404	20280893	7/16-20	7/16-20
JCM06-OBM06-90-L	70405-0606	20280894	9/16-18	9/16-18
JCM06-OBM10-90-L	70405-0610	20280891	9/16-18	7/8-14
JCM08-OBM08-90-L	70405-0808	20280895	3/4-16	3/4-16
JCM08-OBM10-90-L	70405-0810	20280896	3/4-16	7/8-14
JCM10-OBM08-90-L	70405-1008	20280897	7/8-14	3/4-16
JCM10-OBM10-90-L	70405-1010	20280898	7/8-14	7/8-14
JCM12-OBM12-90-L	70405-1212	20280899	1 1/16-12	1 1/16-12
JCM16-OBM16-90-L	70405-1616	20280900	1 5/16-12	1 5/16-12
JCM20-OBM20-90-L	70405-2020	20280892	1 5/8-12	1 5/8-12

JIC 37°, Male – OR Boss, Male, 90° Elbow, Extra Long



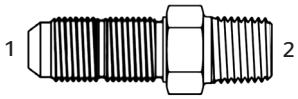
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 OBM
JCM04-OBM04-90-XL	70407-0404	20280903	7/16-20	7/16-20
JCM04-OBM06-90-XL	70407-0406	20280901	7/16-20	9/16-18
JCM06-OBM06-90-XL	70407-0606	20280904	9/16-18	9/16-18
JCM06-OBM08-90-XL	70407-0608	20280905	9/16-18	3/4-16
JCM08-OBM06-90-XL	70407-0806	20280902	3/4-16	9/16-18
JCM08-OBM08-90-XL	70407-0808	20280906	3/4-16	3/4-16
JCM08-OBM10-90-XL	70407-0810	20280907	3/4-16	7/8-14
JCM10-OBM08-90-XL	70407-1008	20280908	7/8-14	3/4-16
JCM10-OBM10-90-XL	70407-1010	20280909	7/8-14	7/8-14
JCM12-OBM12-90-XL	70407-1212	20280910	1 1/16-12	1 1/16-12
JCM16-OBM16-90-XL	70407-1616	20280911	1 5/16-12	1 5/16-12
JCM20-OBM20-90-XL	70407-2020	20280912	1 5/8-12	1 5/8-12

JIC 37°, Male – OR Boss,Male, 90° Elbow, Extra Extra Long



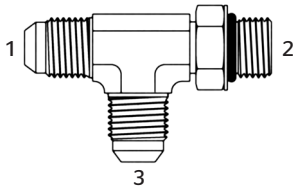
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 OBM
JCM04-OBM04-90-XXL	70410-0404	20280914	7/16-20	7/16-20
JCM06-OBM06-90-XXL	70410-0606	20280913	9/16-18	9/16-18
JCM06-OBM08-90-XXL	70410-0608	20280915	9/16-18	3/4-16
JCM08-OBM08-90-XXL	70410-0808	20280916	3/4-16	3/4-16

JIC 37°, Male, Bulkhead – NPTF, Male



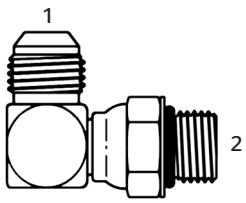
Descriptive #	Product #	SAP #	Thread Size 1 JCMB	Thread Size 2 NPM
JCMB04-NPM02	70425-0402	20280151	7/16-20	1/8-27
JCMB04-NPM02-SS	70425-0402S	20465615	7/16-20	1/8-27
JCMB04-NPM04	70425-0404	20280152	7/16-20	1/4-18
JCMB04-NPM04-SS	70425-0404S	20465616	7/16-20	1/4-18
JCMB06-NPM04	70425-0604	20280153	9/16-18	1/4-18
JCMB06-NPM04-SS	70425-0604S	20465617	9/16-18	1/4-18
JCMB06-NPM06	70425-0606	20280154	9/16-18	3/8-18
JCMB06-NPM06-SS	70425-0606S	20465618	9/16-18	3/8-18
JCMB08-NPM06	70425-0806	20280155	3/4-16	3/8-18
JCMB08-NPM06-SS	70425-0806S	20465619	3/4-16	3/8-18
JCMB08-NPM08	70425-0808	20280156	3/4-16	1/2-14
JCMB08-NPM08-SS	70425-0808S	20465870	3/4-16	1/2-14
JCMB10-NPM08	70425-1008	20280157	7/8-14	1/2-14
JCMB10-NPM08-SS	70425-1008S	20465871	7/8-14	1/2-14
JCMB12-NPM12	70425-1212	20280158	1 1/16-12	3/4-14
JCMB12-NPM12-SS	70425-1212S	20465872	1 1/16-12	3/4-14
JCMB16-NPM16	70425-1616	20280159	1 5/16-12	1-11 1/2
JCMB16-NPM16-SS	70425-1616S	20465873	1 5/16-12	1-11 1/2
JCMB20-NPM20	70425-2020	20280160	1 5/8-12	1 1/4-11 1/2
JCMB24-NPM24	70425-2424	20280149	1 7/8-12	1 1/2-11 1/2
JCMB32-NPM32	70425-3232	20280150	2 1/2-12	2-11 1/2

JIC 37°, Male – OR Boss, Male – JIC 37°, Male Tee



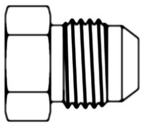
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 OBM	Thread Size 3 JCM
JCM04-OBM04-JCM04	70415-0404	20280991	7/16-20	7/16-20	7/16-20
JCM04-OBM04-JCM04-SS	70415-0404S	20466450	7/16-20	7/16-20	7/16-20
JCM04-OBM06-JCM04	70415-0406	20280992	7/16-20	9/16-18	7/16-20
JCM04-OBM06-JCM04-SS	70415-0406S	20465943	7/16-20	9/16-18	7/16-20
JCM05-OBM05-JCM05	70415-0505	20280993	1/2-20	1/2-20	1/2-20
JCM06-OBM06-JCM06	70415-0606	20280994	9/16-18	9/16-18	9/16-18
JCM06-OBM06-JCM06-SS	70415-0606S	20466451	9/16-18	9/16-18	9/16-18
JCM06-OBM08-JCM06	70415-0608	20280995	9/16-18	3/4-16	9/16-18
JCM08-OBM08-JCM04	70415-0804	20280976	3/4-16	3/4-16	7/16-20
JCM08-OBM06-JCM08	70415-0806	20413966	3/4-16	9/16-18	3/4-16
JCM08-OBM06-JCM08-SS	70415-0806S	20465957	3/4-16	9/16-18	3/4-16
JCM08-OBM08-JCM08	70415-0808	20280996	3/4-16	3/4-16	3/4-16
JCM08-OBM08-JCM08-SS	70415-0808S	20466452	3/4-16	3/4-16	3/4-16
JCM08-OBM10-JCM08	70415-0810	20280997	3/4-16	7/8-14	3/4-16
JCM10-OBM10-JCM10	70415-1010	20280998	7/8-14	7/8-14	7/8-14
JCM10-OBM10-JCM10-SS	70415-1010S	20466453	7/8-14	7/8-14	7/8-14
JCM10-OBM12-JCM10	70415-1012	20280977	7/8-14	11/16-12	7/8-14
JCM12-OBM12-JCM12	70415-1212	20280999	11/16-12	11/16-12	11/16-12
JCM12-OBM12-JCM12-SS	70415-1212S	20466454	11/16-12	11/16-12	11/16-12
JCM12-OBM16-JCM12	70415-1216	20280978	11/16-12	15/16-12	11/16-12
JCM14-OBM14-JCM14	70415-1414	20280979	13/16-12	13/16-12	13/16-12
JCM16-OBM16-JCM04	70415-1604	20280990	15/16-12	15/16-12	7/16-20
JCM16-OBM12-JCM16	70415-1612	20281000	15/16-12	11/16-12	15/16-12
JCM16-OBM16-JCM16	70415-1616	20281001	15/16-12	15/16-12	15/16-12
JCM16-OBM16-JCM16-SS	70415-1616S	20466455	15/16-12	15/16-12	15/16-12
JCM20-OBM20-JCM20	70415-2020	20281002	15/8-12	15/8-12	15/8-12
JCM20-OBM20-JCM20-SS	70415-2020S	20465944	15/8-12	15/8-12	15/8-12
JCM24-OBM24-JCM24	70415-2424	20281003	17/8-12	17/8-12	17/8-12
JCM32-OBM32-JCM32	70415-3232	20281004	2½-12	2½-12	2½-12

JIC 37°, Male – OR Boss, Male, Swivel, 90° Elbow



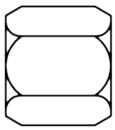
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 OBM
JCM06-OBMX06-90	70420-0606	20280917	9/16-18	9/16-18
JCM08-OBMX08-90	70420-0808	20280918	3/4-16	3/4-16
JCM10-OBMX10-90	70420-1010	20280919	7/8-14	7/8-14

JIC 37°, Plug



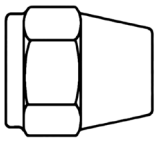
Descriptive #	Product #	SAP #	Thread Size JCM
JCP02	70430-0002	20302878	5/16-24
JCP02-SS	70430-0002S	20466743	5/16-24
JCP03	70430-0003	20279934	3/8-24
JCP03-SS	70430-0003S	20466560	3/8-24
JCP04	70430-0004	20279935	7/16-20
JCP04-SS	70430-0004S	20466061	7/16-20
JCP05	70430-0005	20279936	1/2-20
JCP05-SS	70430-0005S	20466062	1/2-20
JCP06	70430-0006	20279937	9/16-18
JCP06-SS	70430-0006S	20466063	9/16-18
JCP08	70430-0008	20279938	3/4-16
JCP08-SS	70430-0008S	20466064	3/4-16
JCP10	70430-0010	20279939	7/8-14
JCP10-SS	70430-0010S	20466065	7/8-14
JCP12	70430-0012	20279940	1 1/16-12
JCP12-SS	70430-0012S	20466066	1 1/16-12
JCP14	70430-0014	20279941	1 3/16-12
JCP14-SS	70430-0014S	20466561	1 3/16-12
JCP16	70430-0016	20279942	1 5/16-12
JCP16-SS	70430-0016S	20466067	1 5/16-12
JCP20	70430-0020	20279943	1 5/8-12
JCP20-SS	70430-0020S	20466068	1 5/8-12
JCP24	70430-0024	20279944	1 7/8-12
JCP24-SS	70430-0024S	20466069	1 7/8-12
JCP32	70430-0032	20279945	2 1/2-12
JCP32-SS	70430-0032S	20466562	2 1/2-12

JIC 37°, Tube Nut



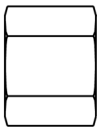
Descriptive #	Product #	SAP #	Tube OD	Thread Size JCF
JCTN03	70433-0003	20280197	3/16	3/8-24
JCTN03-SS	70433-0003S	20466602	3/16	3/8-24
JCTN04	70433-0004	20280198	1/4	7/16-20
JCTN-04-SS	70433-0004S	20434692	1/4	7/16-20
JCTN05	70433-0005	20280199	5/16	1/2-20
JCTN05-SS	70433-0005S	20466162	5/16	1/2-20
JCTN06	70433-0006	20280200	3/8	9/16-18
JCTN06-SS	70433-0006S	20434693	3/8	9/16-18
JCTN08	70433-0008	20280201	1/2	3/4-16
JCTN08-SS	70433-0008S	20434694	1/2	3/4-16
JCTN10	70433-0010	20280202	5/8	7/8-14
JCTN10-SS	70433-0010S	20466165	5/8	7/8-14
JCTN12	70433-0012	20280203	3/4	1 1/16-12
JCTN12-SS	70433-0012S	20434695	3/4	1 1/16-12
JCTN14	70433-0014	20280204	7/8	1 3/16-12
JCTN14-SS	70433-0014S	20466603	7/8	1 3/16-12
JCTN16	70433-0016	20280205	1	1 5/16-12
JCTN16-SS	70433-0016S	20434696	1	1 5/16-12
JCTN20	70433-0020	20280206	1 1/4	1 5/8-12
JCTN20-SS	70433-0020S	20466168	1 1/4	1 5/8-12
JCTN24	70433-0024	20280208	1 1/2	1 7/8-12
JCTN24-SS	70433-0024S	20466605	1 1/2	1 7/8-12
JCTN32	70433-0032	20280207	2	2 1/2-12
JCTN32-SS	70433-0032S	20466604	2	2 1/2-12

JIC 37°, Tube Nut, Long



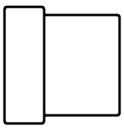
Descriptive #	Product #	SAP #	Tube OD	Thread Size JCF
JCTNL03	70435-0003	20280161	3/16	3/8-24
JCTNL04	70435-0004	20280162	1/4	7/16-20
JCTNL05	70435-0005	20280163	5/16	1/2-20
JCTNL06	70435-0006	20280164	3/8	9/16-18
JCTNL08	70435-0008	20280165	1/2	3/4-16
JCTNL10	70435-0010	20280166	5/8	7/8-14
JCTNL12	70435-0012	20280167	3/4	1 1/16-12
JCTNL14	70435-0014	20280168	7/8	1 3/16-12
JCTNL16	70435-0016	20280169	1	1 5/16-12
JCTNL20	70435-0020	20280170	1 1/4	1 5/8-12
JCTNL24	70435-0024	20280171	1 1/2	1 7/8-12
JCTNL32	70435-0032	20280172	2	2 1/2-12

JIS 30°, Cap



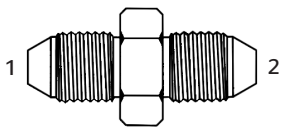
Descriptive #	Product #	SAP #	Thread Size JSF
JSC04	70450-0004	20282549	1/4-19
JSC06	70450-0006	20282550	3/8-19
JSC08	70450-0008	20282551	1/2-14
JSC12	70450-0012	20282552	3/4-14
JSC16	70450-0016	20282553	1-11
JSC20	70450-0020	20282554	1 1/4-11
JSC24	70450-0024	20282555	1 1/2-11
JSC32	70450-0032	20282556	2-11

JIC 37°, Tube Sleeve



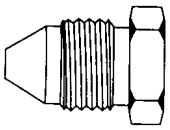
Descriptive #	Product #	SAP #	Tube OD
JCTS03	70438-0003	20280209	3/16
JCTS03-SS	70438-0003S	20466606	3/16
JCTS04	70438-0004	20280210	1/4
JCTS04-SS	70438-0004S	20434697	1/4
JCTS05	70438-0005	20280211	5/16
JCTS05-SS	70438-0005S	20466170	5/16
JCTS06	70438-0006	20280212	3/8
JCTS06-SS	70438-0006S	20434698	3/8
JCTS08	70438-0008	20280213	1/2
JCTS08-SS	70438-0008S	20434699	1/2
JCTS10	70438-0010	20280214	5/8
JCTS10-SS	70438-0010S	20466173	5/8
JCTS12	70438-0012	20280215	3/4
JCTS12-SS	70438-0012S	20434700	3/4
JCTS14	70438-0014	20280216	7/8
JCTS14-SS	70438-0014S	20466607	7/8
JCTS16	70438-0016	20280217	1
JCTS16-SS	70438-0016S	20434701	1
JCTS20	70438-0020	20280218	1 1/4
JCTS20-SS	70438-0020S	20466176	1 1/4
JCTS24	70438-0024	20280219	1 1/2
JCTS24-SS	70438-0024S	20466608	1 1/2
JCTS32	70438-0032	20280220	2
JCTS32-SS	70438-0032S	20466609	2

JIS 30°, Male – JIS 30°, Male



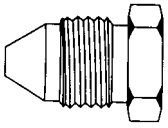
Descriptive #	Product #	SAP #	Thread Size 1 & 2 JSM
JSM04-JSM04	70452-0404	20471328	1/4-19
JSM06-JSM06	70452-0606	20471329	3/8-19
JSM08-JSM08	70452-0808	20471330	1/2-14
JSM12-JSM12	70452-1212	20471331	3/4-14

JIS 30°, Plug



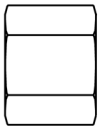
Descriptive #	Product #	SAP #	Thread Size JSM
JSP04	70460-0004	20282541	1/4-19
JSP06	70460-0006	20282542	3/8-19
JSP08	70460-0008	20282543	1/2-14
JSP12	70460-0012	20282544	3/4-14
JSP16	70460-0016	20282545	1-11
JSP20	70460-0020	20282546	1¼-11
JSP24	70460-0024	20282547	1½-11
JSP32	70460-0032	20282548	2-11

Komatsu® 30° Metric, Plug



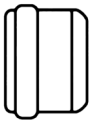
Descriptive #	Product #	SAP #	Thread Size (mm) KMM
KMP14	70475-0014	20282557	14 X 1.5
KMP16	70475-0016	20282558	16 X 1.5
KMP18	70475-0018	20282559	18 X 1.5
KMP22	70475-0022	20282560	22 X 1.5
KMP24	70475-0024	20282561	24 X 1.5
KMP30	70475-0030	20282562	30 X 1.5
KMP33	70475-0033	20282563	33 X 1.5

Komatsu® 30° Metric, Cap



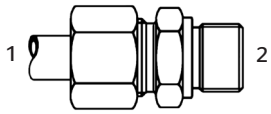
Descriptive #	Product #	SAP #	Thread Size (mm) KMF
KMC14	70465-0014	20282564	14 X 1.5
KMC16	70465-0016	20282565	16 X 1.5
KMC18	70465-0018	20282566	18 X 1.5
KMC22	70465-0022	20282567	22 X 1.5
KMC24	70465-0024	20282568	24 X 1.5
KMC30	70465-0030	20282569	30 X 1.5
KMC33	70465-0033	20282570	33 X 1.5

Metric Compression, Sleeve



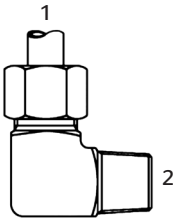
Descriptive #	Product #	SAP #	Tube OD (mm)
MCS06	70485-0006	20282483	6
MCS08	70485-0008	20282484	8
MCS10	70485-0010	20282485	10
MCS12	70485-0012	20282486	12
MCS14	70485-0014	20282487	14
MCS15	70485-0015	20282488	15
MCS16	70485-0016	20282489	16
MCS18	70485-0018	20282490	18
MCS20	70485-0020	20282491	20
MCS22	70485-0022	20282492	22
MCS25	70485-0025	20282493	25
MCS28	70485-0028	20282494	28
MCS30	70485-0030	20282495	30
MCS35	70485-0035	20282496	35
MCS38	70485-0038	20282498	38

Metric Heavy, Tube Coupling – BSPP, Male



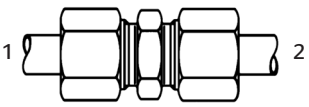
Descriptive #	Product #	SAP #	Metric Heavy Tube OD 1 (mm)	Thread Size 2 BPM
MHT06-BPM04	70486-0604	20471834	6	1/4-19
MHT08-BPM04	70486-0804	20471835	8	1/4-19
MHT10-BPM06	70486-1006	20471836	10	3/8-19
MHT12-BPM06	70486-1206	20471837	12	3/8-19
MHT14-BPM08	70486-1408	20471838	14	1/2-14
MHT14-BPM20	70486-1420	20471839	14	1¼-11
MHT16-BPM08	70486-1608	20471840	16	1/2-14
MHT20-BPM12	70486-2012	20471841	20	3/4-14
MHT25-BPM16	70486-2516	20471842	25	1-11
MHT30-BPM20	70486-3020	20471843	30	1¼-11
MHT38-BPM24	70486-3824	20471844	38	1½-11

Metric Heavy, Tube Coupling – BSPT, Male, 90° Elbow



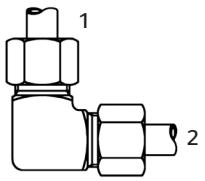
Descriptive #	Product #	SAP #	Metric Heavy Tube OD 1 (mm)	Thread Size 2 BTM
MHT06-BTM04-90	70487-0604	20471851	6	1/4-19
MHT08-BTM04-90	70487-0804	20471852	8	1/4-19
MHT10-BTM06-90	70487-1006	20471853	10	3/8-19
MHT12-BTM06-90	70487-1206	20471854	12	3/8-19
MHT14-BTM08-90	70487-1408	20471855	14	1/2-14
MHT16-BTM08-90	70487-1608	20471856	16	1/2-14

Metric Heavy, Tube – Metric Heavy, Tube, Straight Coupling



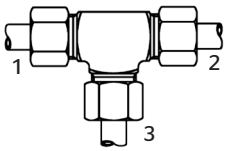
Descriptive #	Product #	SAP #	Metric Heavy Tube OD 1 (mm)	Thread Size OD 2 (mm)
MHT06-MHT06	70488-0606	20471794	6	6
MHT08-MHT06	70488-0806	20471795	8	6
MHT08-MHT08	70488-0808	20471796	8	8
MHT10-MHT06	70488-1006	20471797	10	6
MHT10-MHT08	70488-1008	20471798	10	8
MHT10-MHT10	70488-1010	20471799	10	10
MHT12-MHT06	70488-1206	20471800	12	6
MHT12-MHT08	70488-1208	20471801	12	8
MHT12-MHT10	70488-1210	20471802	12	10
MHT12-MHT12	70488-1212	20471803	12	12
MHT14-MHT10	70488-1410	20471804	14	10
MHT14-MHT12	70488-1412	20471805	14	12
MHT14-MHT14	70488-1414	20471806	14	14
MHT16-MHT12	70488-1612	20471807	16	12
MHT16-MHT14	70488-1614	20471808	16	14
MHT16-MHT16	70488-1616	20471809	16	16
MHT20-MHT10	70488-2010	20471810	20	10
MHT20-MHT12	70488-2012	20471811	20	12
MHT20-MHT16	70488-2016	20471812	20	16
MHT20-MHT20	70488-2020	20471813	20	20
MHT25-MHT16	70488-2516	20471814	25	16
MHT25-MHT20	70488-2520	20471815	25	20
MHT25-MHT25	70488-2525	20471816	25	25
MHT30-MHT20	70488-3020	20471817	30	20
MHT30-MHT25	70488-3025	20471818	30	25
MHT30-MHT30	70488-3030	20471819	30	30
MHT38-MHT30	70488-3830	20471820	38	30
MHT38-MHT38	70488-3838	20471821	38	38

Metric Heavy, Tube – Metric Heavy, Tube Coupling, 90° Elbow



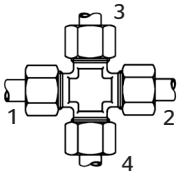
Descriptive #	Product #	SAP #	Metric Heavy Tube OD 1 (mm)	Metric Heavy Tube OD 2 (mm)
MHT06-MHT06-90	70489-0606	20471933	6	6
MHT08-MHT08-90	70489-0808	20471934	8	8
MHT10-MHT10-90	70489-1010	20471935	10	10
MHT12-MHT12-90	70489-1212	20471936	12	12
MHT14-MHT14-90	70489-1414	20471937	14	14
MHT16-MHT16-90	70489-1616	20471938	16	16
MHT20-MHT20-90	70489-2020	20471939	20	20
MHT25-MHT25-90	70489-2525	20471940	25	25
MHT30-MHT30-90	70489-3030	20471941	30	30
MHT38-MHT38-90	70489-3838	20471942	38	38

Metric Heavy, Tube Tee



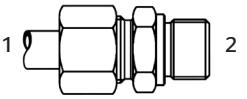
Descriptive #	Product #	SAP #	Metric Heavy Tube OD 1, 2 & 3 (mm)
MHT06-MHT06-MHT06	70490-0606	20471953	6
MHT08-MHT08-MHT08	70490-0808	20471955	8
MHT12-MHT12-MHT12	70490-1212	20471956	12
MHT14-MHT14-MHT14	70490-1414	20471957	14
MHT16-MHT16-MHT16	70490-1616	20471958	16
MHT20-MHT20-MHT20	70490-2020	20471959	20
MHT25-MHT25-MHT25	70490-2525	20471960	25
MHT30-MHT30-MHT30	70490-3030	20471961	30
MHT38-MHT38-MHT38	70490-3838	20471962	38

Metric Heavy, Tube Coupling, Cross



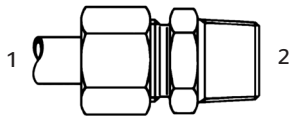
Descriptive #	Product #	SAP #	Metric Heavy Tube OD 1, 2, 3 & 4 (mm)
MHT06-MHT06-MHT06-MHT06	70491-0606	20471973	6
MHT08-MHT08-MHT08-MHT08	70491-0808	20471974	8
MHT10-MHT10-MHT10-MHT10	70491-1010	20471975	10
MHT12-MHT12-MHT12-MHT12	70491-1212	20471976	12
MHT14-MHT14-MHT14-MHT14	70491-1414	20471977	14
MHT16-MHT16-MHT16-MHT16	70491-1616	20471978	16
MHT20-MHT20-MHT20-MHT20	70491-2020	20471979	20
MHT25-MHT25-MHT25-MHT25	70491-2525	20471980	25
MHT30-MHT30-MHT30-MHT30	70491-3030	20471981	30
MHT38-MHT38-MHT38-MHT38	70491-3838	20471982	38

Metric Heavy, Tube Coupling – Metric Parallel Stud



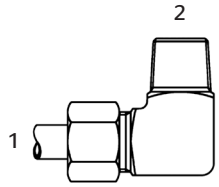
Descriptive #	Product #	SAP #	Metric Heavy Tube OD 1 (mm)	Thread Size 2 MPM
MHT06-MSTUD12X1.5	70492-0612	20471867	6	12 X 1.5
MHT08-MSTUD14X1.5	70492-0814	20471868	8	14 X 1.5
MHT10-MSTUD16X1.5	70492-1016	20471869	10	16 X 1.5
MHT12-MSTUD18X1.5	70492-1218	20471870	12	18 X 1.5
MHT14-MSTUD20X1.5	70492-1420	20471871	14	20 X 1.5
MHT16-MSTUD22X1.5	70492-1622	20471872	16	22 X 1.5
MHT20-MSTUD27X2.0	70492-2027	20471873	20	27 X 2.0
MHT25-MSTUD33X2.0	70492-2533	20471874	25	33 X 2.0
MHT30-MSTUD42X2.0	70492-3042	20471875	30	42 X 2.0
MHT38-MSTUD42X2.0	70492-3842	20471876	38	42 X 2.0

Metric Heavy, Tube Coupling – NPTF Stud



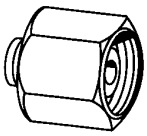
Descriptive #	Product #	SAP #	Metric Heavy Tube OD 1 (mm)	Thread Size 2 NPM
MHT06-NPSTUD04	70493-0604	20471890	6	1/4-18
MHT08-NPSTUD04	70493-0804	20471891	8	1/4-18
MHT10-NPSTUD04	70493-1004	20471892	10	1/4-18
MHT10-NPSTUD06	70493-1006	20471893	10	3/8-18
MHT12-NPSTUD04	70493-1204	20471894	12	1/4-18
MHT12-NPSTUD06	70493-1206	20471895	12	3/8-18
MHT12-NPSTUD08	70493-1208	20471896	12	1/2-14
MHT14-NPSTUD08	70493-1408	20471897	14	1/2-14
MHT16-NPSTUD08	70493-1608	20471898	16	1/2-14
MHT20-NPSTUD12	70493-2012	20471899	20	3/4-14
MHT25-NPSTUD16	70493-2516	20471900	25	1-11½
MHT30-NPSTUD20	70493-3020	20471901	30	1¼-11½
MHT38-NPSTUD24	70493-3824	20471902	38	1½-11½

Metric Heavy, Tube Coupling – NPTF Stud, 90° Elbow



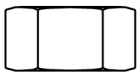
Descriptive #	Product #	SAP #	Metric Heavy Tube OD 1 (mm)	Thread Size 2 NPM
MHT06-NPSTUD02-90	70494-0602	20471913	6	1/8-27
MHT08-NPSTUD04-90	70494-0804	20471914	8	1/4-18
MHT10-NPSTUD06-90	70494-1006	20471915	10	3/8-18
MHT12-NPSTUD06-90	70494-1206	20471916	12	3/8-18
MHT14-NPSTUD08-90	70494-1408	20471917	14	1/2-14
MHT16-NPSTUD08-90	70494-1608	20471918	16	1/2-14
MHT20-NPSTUD12-90	70494-2012	20471919	20	3/4-14
MHT25-NPSTUD16-90	70494-2516	20471920	25	1-11½
MHT30-NPSTUD20-90	70494-3020	20471921	30	1¼-11½
MHT38-NPSTUD24-90	70494-3824	20471922	38	1½-11½

Metric Heavy, Tube Cap



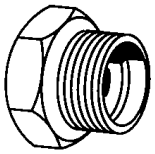
Descriptive #	Product #	SAP #	Tube OD (mm)	Thread Size (mm)
MHTC06	70495-0006	20282530	6	14 X 1.5
MHTC08	70495-0008	20282531	8	16 X 1.5
MHTC10	70495-0010	20282533	10	18 X 1.5
MHTC12	70495-0012	20282534	12	20 X 1.5
MHTC14	70495-0014	20282535	14	22 X 1.5
MHTC16	70495-0016	20282536	16	24 X 1.5
MHTC20	70495-0020	20282537	20	30 X 2.0
MHTC25	70495-0025	20282538	25	36 X 2.0
MHTC30	70495-0030	20282539	30	42 X 2.0
MHTC38	70495-0038	20282540	38	52 X 2.0

Metric Heavy, Tube Nut



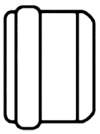
Descriptive #	Product #	SAP #	Tube OD (mm)	Thread Size (mm)
MHTN06	70497-0006	20282473	6	14 X 1.5
MHTN08	70497-0008	20282474	8	16 X 1.5
MHTN10	70497-0010	20282475	10	18 X 1.5
MHTN12	70497-0012	20282476	12	20 X 1.5
MHTN14	70497-0014	20282477	14	22 X 1.5
MHTN16	70497-0016	20282478	16	24 X 1.5
MHTN20	70497-0020	20282479	20	30 X 2.0
MHTN25	70497-0025	20282480	25	36 X 2.0
MHTN30	70497-0030	20282481	30	42 X 2.0
MHTN38	70497-0038	20282482	38	52 X 2.0

Metric Heavy, Tube Plug



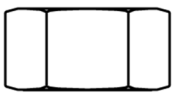
Descriptive #	Product #	SAP #	Tube OD (mm)	Thread Size (mm)
MHTP06	70500-0006	20282509	6	14 X 1.5
MHTP08	70500-0008	20282510	8	16 X 1.5
MHTP10	70500-0010	20282511	10	18 X 1.5
MHTP12	70500-0012	20282513	12	20 X 1.5
MHTP14	70500-0014	20282514	14	22 X 1.5
MHTP16	70500-0016	20282515	16	24 X 1.5
MHTP20	70500-0020	20282516	20	30 X 2.0
MHTP25	70500-0025	20282517	25	36 X 2.0
MHTP30	70500-0030	20282518	30	42 X 2.0
MHTP38	70500-0038	20282519	38	52 X 2.0

Metric Extra Light, Cutting Ring



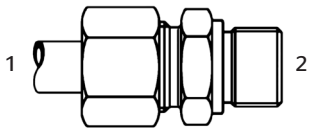
Descriptive #	Product #	SAP #	Tube OD (mm)
MLLCR04	70501-0004	20471743	4
MLLCR06	70501-0006	20471744	6
MLLCR08	70501-0008	20471745	8
MLLCR10	70501-0010	20471746	10
MLLCR12	70501-0012	20471747	12

Metric Extra Light, Tube Nut



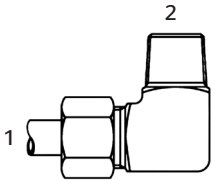
Descriptive #	Product #	SAP #	Tube OD (mm)	Thread Size (mm)
MLLTN04	70502-0004	20605376	4	8 X 1.0
MLLTN06	70502-0006	20471737	6	10 X 1.0
MLLTN08	70502-0008	20471738	8	12 X 1.0
MLLTN10	70502-0010	20471739	10	14 X 1.0
MLLTN12	70502-0012	20471740	12	16 X 1.0

Metric Light, Tube Coupling – BSPP, Male



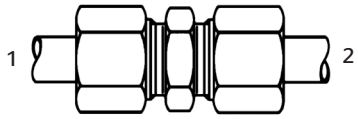
Descriptive #	Product #	SAP #	Metric Light Tube OD 1 (mm)	Thread Size 2 BPM
MLT06-BPM02	70503-0602	20471822	6	1/8-28
MLT08-BPM02	70503-0802	20471823	8	1/8-28
MLT08-BPM04	70503-0804	20471824	8	1/4-19
MLT10-BPM04	70503-1004	20471825	10	1/4-19
MLT12-BPM04	70503-1204	20471826	12	1/4-19
MLT12-BPM06	70503-1206	20471827	12	3/8-19
MLT15-BPM08	70503-1508	20471828	15	1/2-14
MLT18-BPM08	70503-1808	20471829	18	1/2-14
MLT22-BPM12	70503-2212	20471830	22	3/4-14
MLT28-BPM16	70503-2816	20471831	28	1-11
MLT35-BPM20	70503-3520	20471832	35	1¼-11
MLT42-BPM24	70503-4224	20471833	42	1½-11

Metric Light, Tube Coupling – BSPT, Male, 90° Elbow



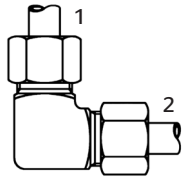
Descriptive #	Product #	SAP #	Metric Light Tube OD 1 (mm)	Thread Size 2 BTM
MLT06-BTM02-90	70504-0602	20471845	6	1/8-28
MLT08-BTM04-90	70504-0804	20471846	8	1/4-19
MLT10-BTM04-90	70504-1004	20471847	10	1/4-19
MLT12-BTM06-90	70504-1206	20471848	12	3/8-19
MLT15-BTM08-90	70504-1508	20471849	15	1/2-14
MLT18-BTM08-90	70504-1808	20471850	18	1/2-14

Metric Light, Tube - Metric Light, Tube, Straight Coupling



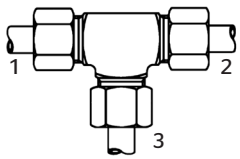
Descriptive #	Product #	SAP #	Metric Light Tube OD 1 (mm)	Metric Light Tube OD 2 (mm)
MLT06-MLT06	70505-0606	20471766	6	6
MLT08-MLT06	70505-0806	20471767	8	6
MLT08-MLT08	70505-0808	20471768	8	8
MLT10-MLT06	70505-1006	20471769	10	6
MLT10-MLT08	70505-1008	20471770	10	8
MLT10-MLT10	70505-1010	20471771	10	10
MLT12-MLT06	70505-1206	20471772	12	6
MLT12-MLT08	70505-1208	20471773	12	8
MLT12-MLT10	70505-1210	20471774	12	10
MLT12-MLT12	70505-1212	20471775	12	12
MLT15-MLT10	70505-1510	20471776	15	10
MLT15-MLT12	70505-1512	20471777	15	12
MLT15-MLT15	70505-1515	20471778	15	15
MLT18-MLT10	70505-1810	20471779	18	10
MLT18-MLT12	70505-1812	20471780	18	12
MLT18-MLT15	70505-1815	20471781	18	15
MLT18-MLT18	70505-1818	20471782	18	18
MLT22-MLT12	70505-2212	20471783	22	12
MLT22-MLT15	70505-2215	20471784	22	15
MLT22-MLT18	70505-2218	20471785	22	18
MLT22-MLT22	70505-2222	20471786	22	22
MLT28-MLT18	70505-2818	20471787	28	18
MLT28-MLT22	70505-2822	20471788	28	22
MLT28-MLT28	70505-2828	20471789	28	28
MLT35-MLT22	70505-3522	20471790	35	22
MLT35-MLT28	70505-3528	20471791	35	28
MLT35-MLT35	70505-3535	20471792	35	35
MLT42-MLT42	70505-4242	20471793	42	42

Metric Light, Tube - Metric Light, Tube Coupling, 90° Elbow



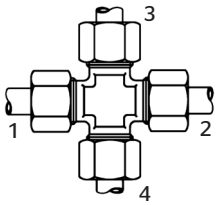
Descriptive #	Product #	SAP #	Metric Light Tube OD 1 (mm)	Metric Light Tube OD 2 (mm)
MLT06-MLT06-90	70506-0606	20471923	6	6
MLT08-MLT08-90	70506-0808	20471924	8	8
MLT10-MLT10-90	70506-1010	20471925	10	10
MLT12-MLT12-90	70506-1212	20471926	12	12
MLT15-MLT15-90	70506-1515	20471927	15	15
MLT18-MLT18-90	70506-1818	20471928	18	18
MLT22-MLT22-90	70506-2222	20471929	22	22
MLT28-MLT28-90	70506-2828	20471930	28	28
MLT35-MLT35-90	70506-3535	20471931	35	35
MLT42-MLT42-90	70506-4242	20471932	42	42

Metric Light, Tube Tee



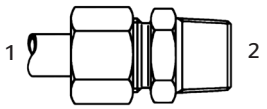
Descriptive #	Product #	SAP #	Metric Light Tube OD 1, 2 & 3 (mm)
MLT06-MLT06-MLT06	70507-0606	20471943	6
MLT08-MLT08-MLT08	70507-0808	20471944	8
MLT10-MLT10-MLT10	70507-1010	20471945	10
MLT12-MLT12-MLT12	70507-1212	20471946	12
MLT15-MLT15-MLT15	70507-1515	20471947	15
MLT18-MLT18-MLT18	70507-1818	20471948	18
MLT22-MLT22-MLT22	70507-2222	20471949	22
MLT28-MLT28-MLT28	70507-2828	20471950	28
MLT35-MLT35-MLT35	70507-3535	20471951	35
MLT42-MLT42-MLT42	70507-4242	20471952	42

Metric Light, Tube Coupling, Cross



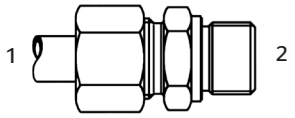
Descriptive #	Product #	SAP #	Metric Light Tube OD 1, 2, 3 & 4 (mm)
MLT06-MLT06-MLT06-MLT06	70508-0606	20471963	6
MLT08-MLT08-MLT08-MLT08	70508-0808	20471964	8
MLT10-MLT10-MLT10-MLT10	70508-1010	20471965	10
MLT12-MLT12-MLT12-MLT12	70508-1212	20471966	12
MLT15-MLT15-MLT15-MLT15	70508-1515	20471967	15
MLT18-MLT18-MLT18-MLT18	70508-1818	20471968	18
MLT22-MLT22-MLT22-MLT22	70508-2222	20471969	22
MLT28-MLT28-MLT28-MLT28	70508-2828	20471970	28
MLT35-MLT35-MLT35-MLT35	70508-3535	20471971	35
MLT42-MLT42-MLT42-MLT42	70508-4242	20471972	42

Metric Light, Tube Coupling – NPTF Stud



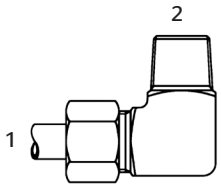
Descriptive #	Product #	SAP #	Metric Light Tube OD 1 (mm)	Thread Size 2 NPM
MLT06-NPSTUD02	70509-0602	20471877	6	1/8-27
MLT08-NPSTUD04	70509-0804	20471878	8	1/4-18
MLT10-NPSTUD04	70509-1004	20471879	10	1/4-18
MLT10-NPSTUD06	70509-1006	20471880	10	3/8-18
MLT12-NPSTUD04	70509-1204	20471881	12	1/4-18
MLT12-NPSTUD06	70509-1206	20471882	12	3/8-18
MLT12-NPSTUD08	70509-1208	20471883	12	1/2-14
MLT15-NPSTUD08	70509-1508	20471884	15	1/2-14
MLT18-NPSTUD08	70509-1808	20471885	18	1/2-14
MLT22-NPSTUD12	70509-2212	20471886	22	3/4-14
MLT28-NPSTUD16	70509-2816	20471887	28	1-11½
MLT35-NPSTUD20	70509-3520	20471888	35	1¼-11½
MLT42-NPSTUD24	70509-4224	20471889	42	1½-11½

Metric Light, Tube Coupling – Metric Parallel Stud



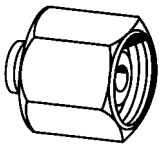
Descriptive #	Product #	SAP #	Metric Light Tube OD 1 (mm)	Thread Size 2 MPM
MLT06-MSTUD10X1.0	70508.5-0610	20471857	6	10 X 1.0
MLT08-MSTUD12X1.5	70508.5-0812	20471858	8	12 X 1.5
MLT10-MSTUD14X1.5	70508.5-1014	20471859	10	14 X 1.5
MLT12-MSTUD16X1.5	70508.5-1216	20471860	12	16 X 1.5
MLT15-MSTUD18X1.5	70508.5-1518	20471861	15	18 X 1.5
MLT18-MSTUD22X1.5	70508.5-1822	20471862	18	22 X 1.5
MLT22-MSTUD26X1.5	70508.5-2226	20471863	22	26 X 1.5
MLT28-MSTUD33X2.0	70508.5-2833	20471864	28	33 X 2.0
MLT35-MSTUD42X2.0	70508.5-3542	20471865	35	42 X 2.0
MLT42-MSTUD48X2.0	70508.5-4248	20471866	42	48 X 2.0

Metric Light, Tube Coupling – NPTF Stud, 90° Elbow



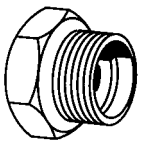
Descriptive #	Product #	SAP #	Metric Light Tube OD 1 (mm)	Thread Size 2 NPM
MLT06-NPSTUD02-90	70509.5-0602	20471911	6	1/8-27
MLT08-NPSTUD04-90	70509.5-0804	20471912	8	1/4-18
MLT10-NPSTUD04-90	70509.5-1004	20471903	10	1/4-18
MLT12-NPSTUD06-90	70509.5-1206	20471904	12	3/8-18
MLT15-NPSTUD08-90	70509.5-1508	20471905	15	1/2-14
MLT18-NPSTUD08-90	70509.5-1808	20471906	18	1/2-14
MLT22-NPSTUD12-90	70509.5-2212	20471907	22	3/4-14
MLT28-NPSTUD16-90	70509.5-2816	20471908	28	1-11½
MLT35-NPSTUD20-90	70509.5-3520	20471909	35	1¼-11½
MLT42-NPSTUD24-90	70509.5-4224	20471910	42	1½-11½

Metric Light, Tube Cap



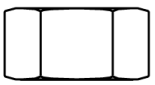
Descriptive #	Product #	SAP #	Tube OD (mm)	Thread Size (mm)
MLTC06	70510-0006	20282520	6	12 X 1.5
MLTC08	70510-0008	20282521	8	14 X 1.5
MLTC10	70510-0010	20282522	10	16 X 1.5
MLTC12	70510-0012	20282523	12	18 X 1.5
MLTC15	70510-0015	20282524	15	22 X 1.5
MLTC18	70510-0018	20282525	18	26 X 1.5
MLTC22	70510-0022	20282526	22	30 X 2.0
MLTC28	70510-0028	20282527	28	36 X 2.0
MLTC35	70510-0035	20282528	35	45 X 2.0
MLTC42	70510-0042	20282529	42	52 X 2.0

Metric Light, Tube Plug



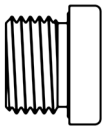
Descriptive #	Product #	SAP #	Tube OD (mm)	Thread Size (mm)
MLTP06	70515-0006	20282499	6	12 X 1.5
MLTP08	70515-0008	20282500	8	14 1.5
MLTP10	70515-0010	20282501	10	16 X 1.5
MLTP12	70515-0012	20282502	12	18 X 1.5
MLTP15	70515-0015	20282503	15	22 X 1.5
MLTP18	70515-0018	20282504	18	26 X 1.5
MLTP22	70515-0022	20282505	22	30 X 2.0
MLTP28	70515-0028	20282506	28	36 X 2.0
MLTP35	70515-0035	20282507	35	45 X 2.0
MLTP42	70515-0042	20282508	42	52 X 2.0

Metric Light, Tube Nut



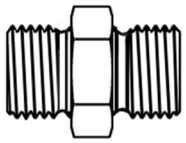
Descriptive #	Product #	SAP #	Tube OD (mm)	Thread Size (mm)
MLTN06	70512-0006	20282463	6	12 X 1.5
MLTN08	70512-0008	20282464	8	14 X 1.5
MLTN10	70512-0010	20282465	10	16 X 1.5
MLTN12	70512-0012	20282466	12	18 X 1.5
MLTN15	70512-0015	20282467	15	22 X 1.5
MLTN18	70512-0018	20282468	18	26 X 1.5
MLTN22	70512-0022	20282469	22	30 X 2.0
MLTN28	70512-0028	20282470	28	36 X 2.0
MLTN35	70512-0035	20282471	35	45 X 2.0
MLTN42	70512-0042	20282472	42	52 X 2.0

Metric Port, Hollow Hex Plug



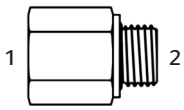
Descriptive #	Product #	SAP #	Thread Size (mm)
MPHHP08x1.0	70520-0008	20471755	08 X 1.0
MPHHP10x1.0	70520-0010	20282379	10 X 1.0
MPHHP12x1.5	70520-0012	20282380	12 X 1.5
MPHHP14x1.5	70520-0014	20282381	14 X 1.5
MPHHP16x1.5	70520-0016	20282382	16 X 1.5
MPHHP18x1.5	70520-0018	20282383	18 X 1.5
MPHHP20x1.5	70520-0020	20282384	20 X 1.5
MPHHP22x1.5	70520-0022	20282385	22 X 1.5
MPHHP24x1.5	70520-0024	20282386	24 X 1.5
MPHHP26x1.5	70520-0026	20282387	26 X 1.5
MPHHP27x2.0	70520-0027	20282388	27 X 2.0
MPHHP30x2.0	70520-0030	20282389	30 X 2.0
MPHHP33x2.0	70520-0033	20282390	33 X 2.0
MPHHP42x2.0	70520-0042	20282391	42 X 2.0

Metric Port, Male – Metric Port, Male



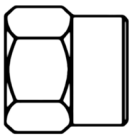
Descriptive #	Product #	SAP #	Thread Size 1 MPM	Thread Size 2 MPM
MPM14X1.5-MPM12X1.5	70523-1412	20471750	14 X 1.5	12 X 1.5
MPM16X1.5-MPM16X1.5	70523-1616	20471751	16 X 1.5	16 X 1.5
MPM22X1.5-MPM22X1.5	70523-2222	20471752	22 X 1.5	22 X 1.5

NPTF, Female – Metric Port, Male



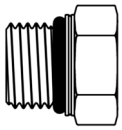
Descriptive #	Product #	SAP #	Thread Size 1 NPF	Thread Size 2 MPM
NPF02-MPM10	70545-0210	20282354	1/8-27	10 X 1.0
NPF02-MPM12	70545-0212	20471375	1/8-27	12 X 1.5
NPF02-MPM14	70545-0214	20282355	1/8-27	14 X 1.5
NPF04-MPM10	70545-0410	20471376	1/4-18	10 X 1.0
NPF04-MPM12	70545-0412	20282356	1/4-18	12 X 1.5
NPF04-MPM14	70545-0414	20282357	1/4-18	14 X 1.5
NPF04-MPM16	70545-0416	20471377	1/4-18	16 X 1.5
NPF04-MPM18	70545-0418	20471378	1/4-18	18 X 1.5
NPF04-MPM20	70545-0420	20282358	1/4-18	20 X 1.5
NPF06-MPM12	70545-0612	20471379	3/8-18	12 X 1.5
NPF06-MPM16	70545-0616	20282359	3/8-18	16 X 1.5
NPF06-MPM18	70545-0618	20282360	3/8-18	18 X 1.5
NPF06-MPM20	70545-0620	20471380	3/8-18	20 X 1.5
NPF06-MPM22	70545-0622	20471381	3/8-18	22 X 1.5
NPF08-MPM16	70545-0816	20282361	1/2-14	16 X 1.5
NPF08-MPM18	70545-0818	20282362	1/2-14	18 X 1.5
NPF08-MPM20	70545-0820	20471382	1/2-14	20 X 1.5
NPF08-MPM22	70545-0822	20471383	1/2-14	22 X 1.5
NPF12-MPM22	70545-1222	20471384	3/4-14	22 X 1.5
NPF12-MPM24	70545-1224	20471385	3/4-14	24 X 1.5
NPF12-MPM26	70545-1226	20471386	3/4-14	26 X 1.5
NPF12-MPM27	70545-1227	20282363	3/4-14	27 X 2.0
NPF16-MPM33	70545-1633	20282364	1-11½	33 X 2.0
NPF20-MPM42	70545-2042	20282365	1¼-11½	42 X 2.0

NPTF, Cap



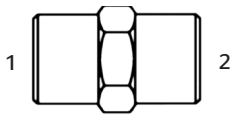
Descriptive #	Product #	SAP #	Thread Size NPF
NPC04	70537-0004	20280361	1/4-18
NPC04-SS	70537-0004S	20466653	1/4-18
NPC06	70537-0006	20280362	3/8-18
NPC06-SS	70537-0006S	20466654	3/8-18
NPC08	70537-0008	20280363	1/2-14
NPC08-SS	70537-0008S	20466655	1/2-14
NPC12	70537-0012	20280364	3/4-14
NPC12-SS	70537-0012S	20466656	3/4-14
NPC16	70537-0016	20280365	1-11½
NPC16-SS	70537-0016S	20466657	1-11½

Metric Port, Plug



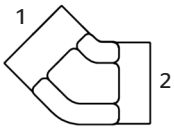
Descriptive #	Product #	SAP #	Thread Size (mm)
MPP08x1.0	70525-0008	20282366	8 X 1.0
MPP10x1.0	70525-0010	20282367	10 X 1.0
MPP10x1.5	70525-0011	20282368	10 X 1.5
MPP12x1.0	70525-0012	20282369	12 X 1.0
MPP12x1.5	70525-0013	20282370	12 X 1.5
MPP14x1.5	70525-0014	20282371	14 X 1.5
MPP16x1.5	70525-0016	20282372	16 X 1.5
MPP18x1.5	70525-0018	20282373	18 X 1.5
MPP20x1.5	70525-0020	20282374	20 X 1.5
MPP22x1.5	70525-0022	20282375	22 X 1.5
MPP24x1.5	70525-0024	20282376	24 X 1.5
MPP26x1.5	70525-0026	20282377	26 X 1.5
MPP30x2.0	70525-0030	20282378	30 X 2.0

NPTF, Female – NPTF, Female



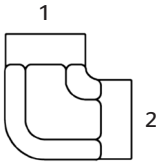
Descriptive #	Product #	SAP #	Thread Size 1 NPF	Thread Size 2 NPF
NPF02-NPF02	70550-0202	20280228	1/8-27	1/8-27
NPF02-NPF02-SS	70550-0202S	20466178	1/8-27	1/8-27
NPF04-NPF02	70550-0402	20280229	1/4-18	1/8-27
NPF04-NPF02-SS	70550-0402S	20466614	1/4-18	1/8-27
NPF04-NPF04	70550-0404	20280230	1/4-18	1/4-18
NPF04-NPF04-SS	70550-0404S	20466179	1/4-18	1/4-18
NPF06-NPF02	70550-0602	20280221	3/8-18	1/8-27
NPF06-NPF02-SS	70550-0602S	20466610	3/8-18	1/8-27
NPF06-NPF04	70550-0604	20280231	3/8-18	1/4-18
NPF06-NPF04-SS	70550-0604S	20466615	3/8-18	1/4-18
NPF06-NPF06	70550-0606	20280232	3/8-18	3/8-18
NPF06-NPF06-SS	70550-0606S	20466180	3/8-18	3/8-18
NPF08-NPF04	70550-0804	20280233	1/2-14	1/4-18
NPF08-NPF04-SS	70550-0804S	20466616	1/2-14	1/4-18
NPF08-NPF06	70550-0806	20280234	1/2-14	3/8-18
NPF08-NPF06-SS	70550-0806S	20466617	1/2-14	3/8-18
NPF08-NPF08	70550-0808	20280235	1/2-14	1/2-14
NPF08-NPF08-SS	70550-0808S	20466181	1/2-14	1/2-14
NPF12-NPF04	70550-1204	20280222	3/4-14	1/4-18
NPF12-NPF04-SS	70550-1204S	20466611	3/4-14	1/4-18
NPF12-NPF06	70550-1206	20280223	3/4-14	3/8-18
NPF12-NPF08	70550-1208	20280236	3/4-14	1/2-14
NPF12-NPF08-SS	70550-1208S	20466618	3/4-14	1/2-14
NPF12-NPF12	70550-1212	20280237	3/4-14	3/4-14
NPF12-NPF12-SS	70550-1212S	20466182	3/4-14	3/4-14
NPF16-NPF08	70550-1608	20280238	1-11½	1/2-14
NPF16-NPF08-SS	70550-1608S	20466619	1-11½	1/2-14
NPF16-NPF12	70550-1612	20280239	1-11½	3/4-14
NPF16-NPF12-SS	70550-1612S	20466620	1-11½	3/4-14
NPF16-NPF16	70550-1616	20280240	1-11½	1-11½
NPF16-NPF16-SS	70550-1616S	20466183	1-11½	1-11½
NPF20-NPF12	70550-2012	20280224	1¼-11½	3/4-14
NPF20-NPF16	70550-2016	20280241	1¼-11½	1-11½
NPF20-NPF16-SS	70550-2016S	20466621	1¼-11½	1-11½
NPF20-NPF20	70550-2020	20280242	1¼-11½	1¼-11½
NPF20-NPF20-SS	70550-2020S	20466184	1¼-11½	1¼-11½
NPF24-NPF20	70550-2420	20280225	1½-11½	1¼-11½
NPF24-NPF20-SS	70550-2420S	20466612	1½-11½	1¼-11½
NPF24-NPF24	70550-2424	20280226	1½-11½	1½-11½
NPF24-NPF24-SS	70550-2424S	20466177	1½-11½	1½-11½
NPF32-NPF32	70550-3232	20280227	2-11½	2-11½
NPF32-NPF32-SS	70550-3232S	20466613	2-11½	2-11½

NPTF, Female – NPTF, Female, 45° Elbow



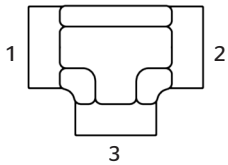
Descriptive #	Product #	SAP #	Thread Size 1 NPF	Thread Size 2 NPF
NPF02-NPF02-45	70553-0202	20280465	1/8-27	1/8-27
NPF04-NPF04-45	70553-0404	20280466	1/4-18	1/4-18
NPF04-NPF04-45-SS	70553-0404S	20465928	1/4-18	1/4-18
NPF06-NPF06-45	70553-0606	20280467	3/8-18	3/8-18
NPF08-NPF08-45	70553-0808	20280468	1/2-14	1/2-14
NPF08-NPF08-45-SS	70553-0808S	20465929	1/2-14	1/2-14
NPF12-NPF12-45	70553-1212	20280469	3/4-14	3/4-14
NPF12-NPF12-45-SS	70553-1212S	20465930	3/4-14	3/4-14
NPF16-NPF16-45	70553-1616	20280470	1-11½	1-11½
NPF20-NPF20-45	70553-2020	20280471	1¼-11½	1¼-11½

NPTF, Female – NPTF, Female, 90° Elbow



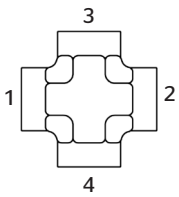
Descriptive #	Product #	SAP #	Thread Size 1 NPF	Thread Size 2 NPF
NPF02-NPF02-90	70555-0202	20280449	1/8-27	1/8-27
NPF02-NPF02-90-SS	70555-0202S	20466252	1/8-27	1/8-27
NPF04-NPF02-90	70555-0402	20280450	1/4-18	1/8-27
NPF04-NPF04-90	70555-0404	20280451	1/4-18	1/4-18
NPF04-NPF04-90-SS	70555-0404S	20466253	1/4-18	1/4-18
NPF06-NPF04-90	70555-0604	20280453	3/8-18	1/4-18
NPF06-NPF06-90	70555-0606	20280454	3/8-18	3/8-18
NPF06-NPF06-90-SS	70555-0606S	20466254	3/8-18	3/8-18
NPF08-NPF04-90	70555-0804	20280455	1/2-14	1/4-18
NPF08-NPF06-90	70555-0806	20280456	1/2-14	3/8-18
NPF08-NPF06-90-SS	70555-0806S	20466671	1/2-14	3/8-18
NPF08-NPF08-90	70555-0808	20280457	1/2-14	1/2-14
NPF08-NPF08-90-SS	70555-0808S	20466255	1/2-14	1/2-14
NPF12-NPF08-90	70555-1208	20280458	3/4-14	1/2-14
NPF12-NPF08-90-SS	70555-1208S	20465927	3/4-14	1/2-14
NPF12-NPF12-90	70555-1212	20280459	3/4-14	3/4-14
NPF12-NPF12-90-SS	70555-1212S	20466256	3/4-14	3/4-14
NPF16-NPF12-90	70555-1612	20280460	1-11½	3/4-14
NPF16-NPF16-90	70555-1616	20280461	1-11½	1-11½
NPF16-NPF16-90-SS	70555-1616S	20466257	1-11½	1-11½
NPF20-NPF12-90	70555-2012	20487266	1¼-11½	3/4-14
NPF20-NPF20-90	70555-2020	20280462	1¼-11½	1¼-11½
NPF20-NPF20-90-SS	70555-2020S	20466258	1¼-11½	1¼-11½
NPF24-NPF24-90	70555-2424	20280463	1½-11½	1½-11½
NPF24-NPF24-90-SS	70555-2424S	20466672	1½-11½	1½-11½
NPF32-NPF32-90	70555-3232	20280464	2-11½	2-11½

NPTF, Female – NPTF, Female – NPTF, Female Tee



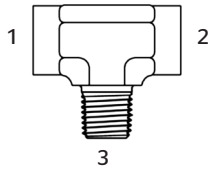
Descriptive #	Product #	SAP #	Thread Size 1, 2 & 3 NPF
NPF02-NPF02-NPF02	70560-0202	20280487	1/8-27
NPF02-NPF02-NPF02-SS	70560-0202S	20466269	1/8-27
NPF04-NPF04-NPF04	70560-0404	20280488	1/4-18
NPF04-NPF04-NPF04-SS	70560-0404S	20466270	1/4-18
NPF06-NPF06-NPF06	70560-0606	20280489	3/8-18
NPF06-NPF06-NPF06-SS	70560-0606S	20466271	3/8-18
NPF08-NPF08-NPF08	70560-0808	20280490	1/2-14
NPF08-NPF08-NPF08-SS	70560-0808S	20466272	1/2-14
NPF12-NPF12-NPF12	70560-1212	20280491	3/4-14
NPF12-NPF12-NPF12-SS	70560-1212S	20466273	3/4-14
NPF16-NPF16-NPF16	70560-1616	20280492	1-11½
NPF16-NPF16-NPF16-SS	70560-1616S	20466274	1-11½
NPF20-NPF20-NPF20	70560-2020	20280493	1¼-11½
NPF20-NPF20-NPF20-SS	70560-2020S	20466275	1¼-11½
NPF24-NPF24-NPF24	70560-2424	20280494	1½-11½
NPF24-NPF24-NPF24-SS	70560-2424S	20466676	1½-11½
NPF32-NPF32-NPF32	70560-3232	20280495	2-11½

NPTF, Female Cross



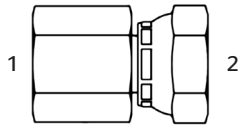
Descriptive #	Product #	SAP #	Thread Size 1, 2, 3 & 4 NPF
NPF04-NPF04-NPF04-NPF04	70563-0404	20486618	1/4-18
NPF06-NPF06-NPF06-NPF06	70563-0606	20527268	3/8-18
NPF12-NPF12-NPF12-NPF12	70563-1212	20486619	3/4-14
NPF16-NPF16-NPF16-NPF16	70563-1616	20466057	1-11½

NPTF, Female – NPTF, Female – NPTF, Male Tee



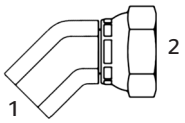
Descriptive #	Product #	SAP #	Thread Size 1 & 2 NPF	Thread Size 3 NPM
NPF04-NPF04-NPM04	70567-0404	20280480	1/4-18	1/4-18
NPF04-NPF04-NPM04-SS	70567-0404S	20466264	1/4-18	1/4-18
NPF06-NPF06-NPM06	70567-0606	20280481	3/8-18	3/8-18
NPF06-NPF06-NPM06-SS	70567-0606S	20466265	3/8-18	3/8-18
NPF08-NPF08-NPM08	70567-0808	20280482	1/2-14	1/2-14
NPF08-NPF08-NPM08-SS	70567-0808S	20466266	1/2-14	1/2-14
NPF12-NPF12-NPM12	70567-1212	20280483	3/4-14	3/4-14
NPF12-NPF12-NPM12-SS	70567-1212S	20466267	3/4-14	3/4-14
NPF16-NPF16-NPM16	70567-1616	20280484	1-11½	1-11½
NPF16-NPF16-NPM16-SS	70567-1616S	20466268	1-11½	1-11½
NPF20-NPF20-NPM20	70567-2020	20280485	1¼-11½	1¼-11½
NPF20-NPF20-NPM20-SS	70567-2020S	20466675	1¼-11½	1¼-11½
NPF24-NPF24-NPM24	70567-2424	20280486	1½-11½	1½-11½

NPTF, Female – NPSM, Female, Swivel



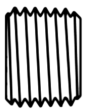
Descriptive #	Product #	SAP #	Thread Size 1 NPF	Thread Size 2 NSF
NPF02-NSFX02	70580-0202	20279608	1/8-27	1/8-27
NPF02-NSFX02-SS	70580-0202S	20465980	1/8-27	1/8-27
NPF02-NSFX04	70580-0204	20279609	1/8-27	1/4-18
NPF04-NSFX02	70580-0402	20279610	1/4-18	1/8-27
NPF04-NSFX04	70580-0404	20279611	1/4-18	1/4-18
NPF04-NSFX04-SS	70580-0404S	20465981	1/4-18	1/4-18
NPF04-NSFX06	70580-0406	20279612	1/4-18	3/8-18
NPF04-NSFX06-SS	70580-0406S	20466472	1/4-18	3/8-18
NPF04-NSFX08	70580-0408	20279613	1/4-18	1/2-14
NPF06-NSFX04	70580-0604	20279614	3/8-18	1/4-18
NPF06-NSFX04-SS	70580-0604S	20465982	3/8-18	1/4-18
NPF06-NSFX06	70580-0606	20279615	3/8-18	3/8-18
NPF06-NSFX06-SS	70580-0606S	20465983	3/8-18	3/8-18
NPF06-NSFX08	70580-0608	20279625	3/8-18	1/2-14
NPF06-NSFX08-SS	70580-0608S	20466475	3/8-18	1/2-14
NPF08-NSFX04	70580-0804	20279616	1/2-14	1/4-18
NPF08-NSFX06	70580-0806	20279617	1/2-14	3/8-18
NPF08-NSFX06-SS	70580-0806S	20464066	1/2-14	3/8-18
NPF08-NSFX08	70580-0808	20279618	1/2-14	1/2-14
NPF08-NSFX08-SS	70580-0808S	20465984	1/2-14	1/2-14
NPF08-NSFX12	70580-0812	20279626	1/2-14	3/4-14
NPF12-NSFX06	70580-1206	20279619	3/4-14	3/8-18
NPF12-NSFX08	70580-1208	20279627	3/4-14	1/2-14
NPF12-NSFX12	70580-1212	20279620	3/4-14	3/4-14
NPF12-NSFX12-SS	70580-1212S	20465985	3/4-14	3/4-14
NPF12-NSFX16	70580-1216	20279628	3/4-14	1-11½
NPF16-NSFX12	70580-1612	20279621	1-11½	3/4-14
NPF16-NSFX16	70580-1616	20282832	1-11½	1-11½
NPF16-NSFX16-SS	70580-1616S	20466468	1-11½	1-11½
NPF20-NSFX20	70580-2020	20279622	1¼-11½	1¼-11½
NPF20-NSFX20-SS	70580-2020S	20465986	1¼-11½	1¼-11½
NPF24-NSFX24	70580-2424	20279623	1½-11½	1½-11½
NPF24-NSFX24-SS	70580-2424S	20466473	1½-11½	1½-11½
NPF32-NSFX32	70580-3232	20279624	2-11½	2-11½
NPF32-NSFX32-SS	70580-3232S	20466474	2-11½	2-11½

NPTF, Female – NPSM, Female, Swivel, 45° Elbow



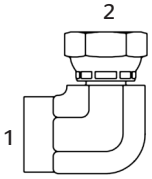
Descriptive #	Product #	SAP #	Thread Size 1 NPF	Thread Size 2 NSF
NPF02-NSFX04-45	70583-0204	20279718	1/8-27	1/4-18
NPF04-NSFX04-45	70583-0404	20279719	1/4-18	1/4-18
NPF04-NSFX04-45-SS	70583-0404S	20466477	1/4-18	1/4-18
NPF06-NSFX04-45	70583-0604	20279727	3/8-18	1/4-18
NPF06-NSFX06-45	70583-0606	20279720	3/8-18	3/8-18
NPF06-NSFX06-45-SS	70583-0606S	20466478	3/8-18	3/8-18
NPF08-NSFX06-45	70583-0806	20279721	1/2-14	3/8-18
NPF08-NSFX08-45	70583-0808	20279722	1/2-14	1/2-14
NPF08-NSFX08-45-SS	70583-0808S	20466479	1/2-14	1/2-14
NPF12-NSFX12-45	70583-1212	20279723	3/4-14	3/4-14
NPF12-NSFX12-45-SS	70583-1212S	20466480	3/4-14	3/4-14
NPF16-NSFX12-45	70583-1612	20279724	1-11½	3/4-14
NPF16-NSFX16-45	70583-1616	20279725	1-11½	1-11½
NPF16-NSFX16-45-SS	70583-1616S	20466481	1-11½	1-11½
NPF20-NSFX20-45	70583-2020	20279728	1¼-11½	1¼-11½
NPF24-NSFX24-45	70583-2424	20279726	1½-11½	1½-11½

NPTF, Hollow Hex Plug



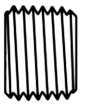
Descriptive #	Product #	SAP #	Thread Size NPM
NPHHP02	70588-0002	20392615	1/8-27
NPHHP02-SS	70588-0002S	20466772	1/8-27
NPHHP04	70588-0004	20280366	1/4-18
NPHHP04-SS	70588-0004S	20466658	1/4-18
NPHHP06	70588-0006	20280367	3/8-18
NPHHP06-SS	70588-0006S	20466659	3/8-18
NPHHP08	70588-0008	20280368	1/2-14
NPHHP08-SS	70588-0008S	20466660	1/2-14
NPHHP12	70588-0012	20280369	3/4-14
NPHHP12-SS	70588-0012S	20466661	3/4-14
NPHHP16	70588-0016	20280370	1-11½
NPHHP16-SS	70588-0016S	20466662	1-11½
NPHHP20	70588-0020	20280371	1¼-11½
NPHHP24	70588-0024	20280372	1½-11½
NPHHP32	70588-0032	20280373	2-11½

NPTF, Female – NPSM, Female, Swivel, 90° Elbow



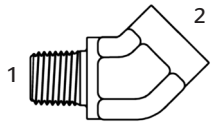
Descriptive #	Product #	SAP #	Thread Size 1 NPF	Thread Size 2 NSF
NPF02-NSFX02-90	70585-0202	20347999	1/8-27	1/8-27
NPF02-NSFX04-90	70585-0204	20355399	1/8-27	1/4-18
NPF04-NSFX02-90	70585-0402	20279678	1/4-18	1/8-27
NPF04-NSFX04-90	70585-0404	20279686	1/4-18	1/4-18
NPF04-NSFX04-90-SS	70585-0404S	20465998	1/4-18	1/4-18
NPF04-NSFX06-90	70585-0406	20279679	1/4-18	3/8-18
NPF06-NSFX04-90	70585-0604	20279680	3/8-18	1/4-18
NPF06-NSFX06-90	70585-0606	20279687	3/8-18	3/8-18
NPF06-NSFX06-90-SS	70585-0606S	20465999	3/8-18	3/8-18
NPF06-NSFX08-90	70585-0608	20279681	3/8-18	1/2-14
NPF08-NSFX04-90	70585-0804	20279682	1/2-14	1/4-18
NPF08-NSFX06-90	70585-0806	20279688	1/2-14	3/8-18
NPF08-NSFX08-90	70585-0808	20279689	1/2-14	1/2-14
NPF08-NSFX08-90-SS	70585-0808S	20466000	1/2-14	1/2-14
NPF08-NSFX12-90	70585-0812	20279690	1/2-14	3/4-14
NPF12-NSFX08-90	70585-1208	20279683	3/4-14	1/2-14
NPF12-NSFX12-90	70585-1212	20279691	3/4-14	3/4-14
NPF12-NSFX12-90-SS	70585-1212S	20466001	3/4-14	3/4-14
NPF12-NSFX16-90	70585-1216	20279684	3/4-14	1-11½
NPF16-NSFX12-90	70585-1612	20279685	1-11½	3/4-14
NPF16-NSFX16-90	70585-1616	20279692	1-11½	1-11½
NPF16-NSFX16-90-SS	70585-1616S	20464068	1-11½	1-11½
NPF20-NSFX20-90	70585-2020	20279693	1¼-11½	1¼-11½
NPF24-NSFX24-90	70585-2424	20279694	1½-11½	1½-11½
NPF32-NSFX32-90	70585-3232	20279695	2-11½	2-11½

NPTF, Hollow Hex Plug, Flush



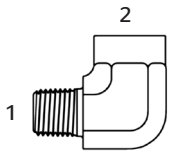
Descriptive #	Product #	SAP #	Thread Size NPM
NPHHPF-04	70589-0004	20527270	1/4-18
NPHHPF-06	70589-0006	20527272	3/8-18
NPHHPF-08	70589-0008	20527273	1/2-14

NPTF, Male – NPTF, Female, 45° Elbow



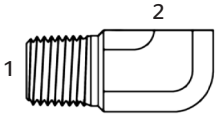
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPF
NPM02-NPF02-45	70595-0202	20280441	1/8-27	1/8-27
NPM02-NPF02-45-SS	70595-0202S	20466246	1/8-27	1/8-27
NPM04-NPF04-45	70595-0404	20280442	1/4-18	1/4-18
NPM04-NPF04-45-SS	70595-0404S	20466247	1/4-18	1/4-18
NPM06-NPF06-45	70595-0606	20280443	3/8-18	3/8-18
NPM06-NPF06-45-SS	70595-0606S	20466248	3/8-18	3/8-18
NPM08-NPF08-45	70595-0808	20280444	1/2-14	1/2-14
NPM08-NPF08-45-SS	70595-0808S	20466249	1/2-14	1/2-14
NPM12-NPF12-45	70595-1212	20280445	3/4-14	3/4-14
NPM12-NPF12-45-SS	70595-1212S	20466250	3/4-14	3/4-14
NPM16-NPF16-45	70595-1616	20280446	1-11½	1-11½
NPM16-NPF16-45-SS	70595-1616S	20466251	1-11½	1-11½
NPM20-NPF20-45	70595-2020	20280447	1¼-11½	1¼-11½
NPM20-NPF20-45-SS	70595-2020S	20466670	1¼-11½	1¼-11½
NPM24-NPF24-45	70595-2424	20280448	1½-11½	1½-11½
NPM32-NPF32-45	70595-3232	20280440	2-11½	2-11½

NPTF, Male – NPTF, Female, 90° Elbow



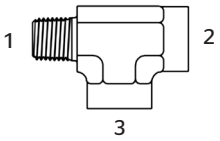
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPF
NPM02-NPF02-90	70600-0202	20280413	1/8-27	1/8-27
NPM02-NPF02-90-SS	70600-0202S	20466234	1/8-27	1/8-27
NPM02-NPF04-90	70600-0204	20280414	1/8-27	1/4-18
NPM02-NPF04-90-SS	70600-0204S	20466666	1/8-27	1/4-18
NPM02-NPF06-90	70600-0206	20280410	1/8-27	3/8-18
NPM04-NPF02-90	70600-0402	20280415	1/4-18	1/8-27
NPM04-NPF02-90-SS	70600-0402S	20466667	1/4-18	1/8-27
NPM04-NPF04-90	70600-0404	20280416	1/4-18	1/4-18
NPM04-NPF04-90-SS	70600-0404S	20466235	1/4-18	1/4-18
NPM04-NPF06-90	70600-0406	20280417	1/4-18	3/8-18
NPM04-NPF06-90-SS	70600-0406S	20466236	1/4-18	3/8-18
NPM04-NPF08-90	70600-0408	20280418	1/4-18	1/2-14
NPM04-NPF08-90-SS	70600-0408S	20466668	1/4-18	1/2-14
NPM06-NPF02-90	70600-0602	20280419	3/8-18	1/8-27
NPM06-NPF04-90	70600-0604	20280420	3/8-18	1/4-18
NPM06-NPF04-90-SS	70600-0604S	20466237	3/8-18	1/4-18
NPM06-NPF06-90	70600-0606	20280421	3/8-18	3/8-18
NPM06-NPF06-90-SS	70600-0606S	20466238	3/8-18	3/8-18
NPM06-NPF08-90	70600-0608	20280422	3/8-18	1/2-14
NPM06-NPF08-90-SS	70600-0608S	20466669	3/8-18	1/2-14
NPM08-NPF04-90	70600-0804	20280423	1/2-14	1/4-18
NPM08-NPF06-90	70600-0806	20280424	1/2-14	3/8-18
NPM08-NPF06-90-SS	70600-0806S	20466239	1/2-14	3/8-18
NPM08-NPF08-90	70600-0808	20280425	1/2-14	1/2-14
NPM08-NPF08-90-SS	70600-0808S	20466240	1/2-14	1/2-14
NPM08-NPF12-90	70600-0812	20280426	1/2-14	3/4-14
NPM12-NPF08-90	70600-1208	20280427	3/4-14	1/2-14
NPM12-NPF08-90-SS	70600-1208S	20466241	3/4-14	1/2-14
NPM12-NPF12-90	70600-1212	20280428	3/4-14	3/4-14
NPM12-NPF12-90-SS	70600-1212S	20466242	3/4-14	3/4-14
NPM12-NPF16-90	70600-1216	20280411	3/4-14	1-11½
NPM16-NPF12-90	70600-1612	20280429	1-11½	3/4-14
NPM16-NPF16-90	70600-1616	20280430	1-11½	1-11½
NPM16-NPF16-90-SS	70600-1616S	20466243	1-11½	1-11½
NPM16-NPF20-90	70600-1620	20280412	1-11½	1¼-11½
NPM20-NPF16-90	70600-2016	20280431	1¼-11½	1-11½
NPM20-NPF20-90	70600-2020	20280432	1¼-11½	1¼-11½
NPM20-NPF20-90-SS	70600-2020S	20466244	1¼-11½	1¼-11½
NPM24-NPF20-90	70600-2420	20280433	1½-11½	1¼-11½
NPM24-NPF24-90	70600-2424	20280434	1½-11½	1½-11½
NPM24-NPF24-90-SS	70600-2424S	20466245	1½-11½	1½-11½
NPM32-NPF32-90	70600-3232	20280435	2-11½	2-11½

NPTF, Male – NPTF, Female, 90° Elbow, Compact



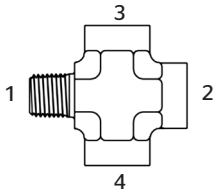
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPF
NPM04-NPF04-90C	70601-0404	20322116	1/4-18	1/4-18
NPM06-NPF06-90C	70601-0606	20322117	3/8-18	3/8-18
NPM08-NPF08-90C	70601-0808	20322118	1/2-14	1/2-14

NPTF, Male – NPTF, Female – NPTF, Female Tee



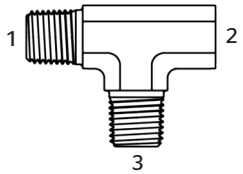
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 & 3 NPF
NPM02-NPF02-NPF02	70605-0202	20466048	1/8-27	1/8-27
NPM04-NPF04-NPF04	70605-0404	20280473	1/4-18	1/4-18
NPM04-NPF04-NPF04-SS	70605-0404S	20466259	1/4-18	1/4-18
NPM06-NPF06-NPF06	70605-0606	20280474	3/8-18	3/8-18
NPM06-NPF06-NPF06-SS	70605-0606S	20466260	3/8-18	3/8-18
NPM08-NPF08-NPF08	70605-0808	20280475	1/2-14	1/2-14
NPM08-NPF08-NPF08-SS	70605-0808S	20466261	1/2-14	1/2-14
NPM12-NPF12-NPF12	70605-1212	20280476	3/4-14	3/4-14
NPM12-NPF12-NPF12-SS	70605-1212S	20466262	3/4-14	3/4-14
NPM16-NPF16-NPF16	70605-1616	20280477	1-11½	1-11½
NPM16-NPF16-NPF16-SS	70605-1616S	20466263	1-11½	1-11½
NPM20-NPF20-NPF20	70605-2020	20280478	1¼-11½	1¼-11½
NPM20-NPF20-NPF20-SS	70605-2020S	20466673	1¼-11½	1¼-11½
NPM24-NPF24-NPF24	70605-2424	20280479	1½-11½	1½-11½
NPM24-NPF24-NPF24-SS	70605-2424S	20466674	1½-11½	1½-11½
NPM32-NPF32-NPF32	70605-3232	20280472	2-11½	2-11½

NPTF, Male – NPTF, Female – NPTF, Female – NPTF, Female Cross



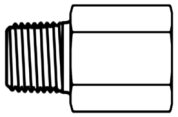
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2, 3 & 4 NPF
NPM08-NPF08-NPF08-NPF08	70606-0808	20486659	1/2-14	1/2-14

NPTF, Male – NPTF, Female – NPTF, Male Tee



Descriptive #	Product #	SAP #	Thread Size 1 & 3 NPM	Thread Size 2 NPF
NPM16-NPF16-NPM16	70608-1616	20466783	1-11½	1-11½

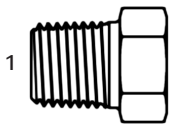
NPTF, Male – NPTF, Female, Expander/Extender



Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPF
NPM02-NPFEX02	70610-0202	20486611	1/8-27	1/8-27
NPM02-NPFEX04	70610-0204	20280298	1/8-27	1/4-18
NPM02-NPFEX04-SS	70610-0204S	20466200	1/8-27	1/4-18
NPM02-NPFEX06	70610-0206	20280312	1/8-27	3/8-18
NPM02-NPFEX06-SS	70610-0206S	20466629	1/8-27	3/8-18
NPM02-NPFEX08	70610-0208	20280313	1/8-27	1/2-14
NPM02-NPFEX08-SS	70610-0208S	20466630	1/8-27	1/2-14
NPM04-NPFEX04	70610-0404	20280314	1/4-18	1/4-18
NPM04-NPFEX04-SS	70610-0404S	20466631	1/4-18	1/4-18
NPM04-NPFEX06	70610-0406	20280300	1/4-18	3/8-18
NPM04-NPFEX06-SS	70610-0406S	20466201	1/4-18	3/8-18
NPM04-NPFEX08	70610-0408	20280301	1/4-18	1/2-14
NPM04-NPFEX08-SS	70610-0408S	20466202	1/4-18	1/2-14
NPM04-NPFEX12	70610-0412	20280302	1/4-18	3/4-14
NPM04-NPFEX12-SS	70610-0412S	20466628	1/4-18	3/4-14
NPM04-NPFEX20	70610-0420	20280303	1/4-18	1¼-11½
NPM06-NPFEX06	70610-0606	20280315	3/8-18	3/8-18
NPM06-NPFEX06-SS	70610-0606S	20466632	3/8-18	3/8-18
NPM06-NPFEX08	70610-0608	20280305	3/8-18	1/2-14
NPM06-NPFEX08-SS	70610-0608S	20466203	3/8-18	1/2-14
NPM06-NPFEX12	70610-0612	20280316	3/8-18	3/4-14
NPM06-NPFEX12-SS	70610-0612S	20466633	3/8-18	3/4-14
NPM08-NPFEX06	70610-0806	20280306	1/2-14	3/8-18
NPM08-NPFEX08	70610-0808	20280317	1/2-14	1/2-14
NPM08-NPFEX08-SS	70610-0808S	20466634	1/2-14	1/2-14
NPM08-NPFEX12	70610-0812	20280307	1/2-14	3/4-14
NPM08-NPFEX12-SS	70610-0812S	20466204	1/2-14	3/4-14
NPM08-NPFEX16	70610-0816	20280318	1/2-14	1-11½
NPM08-NPFEX16-SS	70610-0816S	20466635	1/2-14	1-11½
NPM12-NPFEX08	70610-1208	20280319	3/4-14	1/2-14

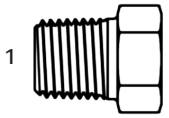
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPF
NPM12-NPFEX12	70610-1212	20280320	3/4-14	3/4-14
NPM12-NPFEX12-SS	70610-1212S	20466636	3/4-14	3/4-14
NPM12-NPFEX16	70610-1216	20280308	3/4-14	1-11½
NPM12-NPFEX16-SS	70610-1216S	20466205	3/4-14	1-11½
NPM12-NPFEX20	70610-1220	20280309	3/4-14	1¼-11½
NPM16-NPFEX16	70610-1616	20280321	1-11½	1-11½
NPM16-NPFEX16-SS	70610-1616S	20466637	1-11½	1-11½
NPM16-NPFEX20	70610-1620	20280310	1-11½	1¼-11½
NPM16-NPFEX20-SS	70610-1620S	20466206	1-11½	1¼-11½
NPM16-NPFEX24	70610-1624	20280311	1-11½	1½-11½
NPM16-NPFEX24-SS	70610-1624S	20465922	1-11½	1½-11½
NPM20-NPFEX20	70610-2020	20280322	1¼-11½	1¼-11½
NPM20-NPFEX24	70610-2024	20280323	1¼-11½	1½-11½
NPM20-NPFEX24-SS	70610-2024S	20465923	1¼-11½	1½-11½
NPM24-NPFEX32	70610-2432	20280324	1½-11½	2-11½

NPTF, Male – NPTF, Female, Reducer Bushing, Short Hex



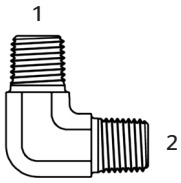
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPF	Hex Length (in.)
NPM16-NPFRBSH12	70616-1612	20527283	1-11½	3/4-14	1.18
NPM20-NPFRBSH12	70616-2012	20527260	1¼-11½	3/4-14	1.18

NPTF, Male – NPTF, Female, Reducer Bushing



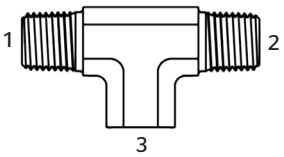
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPF	Hex Length (in.)
NPM04-NPFRB02	70615-0402	20280325	1/4-18	1/8-27	0.85
NPM04-NPFRB02-SS	70615-0402S	20466207	1/4-18	1/8-27	0.85
NPM06-NPFRB02	70615-0602	20280326	3/8-18	1/8-27	0.85
NPM06-NPFRB02-SS	70615-0602S	20466208	3/8-18	1/8-27	0.85
NPM06-NPFRB04	70615-0604	20280327	3/8-18	1/4-18	0.85
NPM06-NPFRB04-SS	70615-0604S	20466209	3/8-18	1/4-18	0.85
NPM08-NPFRB02	70615-0802	20280328	1/2-14	1/8-27	0.85
NPM08-NPFRB02-SS	70615-0802S	20466210	1/2-14	1/8-27	0.85
NPM08-NPFRB04	70615-0804	20280329	1/2-14	1/4-18	0.85
NPM08-NPFRB04-SS	70615-0804S	20466211	1/2-14	1/4-18	0.85
NPM08-NPFRB06	70615-0806	20280330	1/2-14	3/8-18	0.85
NPM08-NPFRB06-SS	70615-0806S	20466212	1/2-14	3/8-18	0.85
NPM12-NPFRB02	70615-1202	20280331	3/4-14	1/8-27	1.17
NPM12-NPFRB02-SS	70615-1202S	20466638	3/4-14	1/8-27	1.17
NPM12-NPFRB04	70615-1204	20280332	3/4-14	1/4-18	1.17
NPM12-NPFRB04-SS	70615-1204S	20466213	3/4-14	1/4-18	1.17
NPM12-NPFRB06	70615-1206	20280333	3/4-14	3/8-18	1.17
NPM12-NPFRB06-SS	70615-1206S	20466214	3/4-14	3/8-18	1.17
NPM12-NPFRB08	70615-1208	20280334	3/4-14	1/2-14	1.17
NPM12-NPFRB08-SS	70615-1208S	20466215	3/4-14	1/2-14	1.17
NPM16-NPFRB02	70615-1602	20280335	1-11½	1/8-27	1.36
NPM16-NPFRB02-SS	70615-1602S	20466639	1-11½	1/8-27	1.36
NPM16-NPFRB04	70615-1604	20280336	1-11½	1/4-18	1.36
NPM16-NPFRB04-SS	70615-1604S	20466640	1-11½	1/4-18	1.36
NPM16-NPFRB06	70615-1606	20280337	1-11½	3/8-18	1.36
NPM16-NPFRB06-SS	70615-1606S	20466641	1-11½	3/8-18	1.36
NPM16-NPFRB08	70615-1608	20280338	1-11½	1/2-14	1.36
NPM16-NPFRB08-SS	70615-1608S	20466216	1-11½	1/2-14	1.36
NPM16-NPFRB12	70615-1612	20280339	1-11½	3/4-14	1.36
NPM16-NPFRB12-SS	70615-1612S	20466217	1-11½	3/4-14	1.36
NPM20-NPFRB04	70615-2004	20280340	1¼-11½	1/4-18	1.47
NPM20-NPFRB04-SS	70615-2004S	20466642	1¼-11½	1/4-18	1.47
NPM20-NPFRB06	70615-2006	20280341	1¼-11½	3/8-18	1.47
NPM20-NPFRB06-SS	70615-2006S	20466643	1¼-11½	3/8-18	1.47
NPM20-NPFRB08	70615-2008	20280342	1¼-11½	1/2-14	1.47
NPM20-NPFRB08-SS	70615-2008S	20466644	1¼-11½	1/2-14	1.47
NPM20-NPFRB12	70615-2012	20280343	1¼-11½	3/4-14	1.47
NPM20-NPFRB12-SS	70615-2012S	20466218	1¼-11½	3/4-14	1.47
NPM20-NPFRB16	70615-2016	20280344	1¼-11½	1-11½	1.47
NPM20-NPFRB16-SS	70615-2016S	20466219	1¼-11½	1-11½	1.47
NPM24-NPFRB04	70615-2404	20280345	1½-11½	1/4-18	1.57
NPM24-NPFRB04-SS	70615-2404S	20466645	1½-11½	1/4-18	1.57
NPM24-NPFRB06	70615-2406	20280346	1½-11½	3/8-18	1.57
NPM24-NPFRB06-SS	70615-2406S	20466646	1½-11½	3/8-18	1.57
NPM24-NPFRB08	70615-2408	20280347	1½-11½	1/2-14	1.57
NPM24-NPFRB08-SS	70615-2408S	20466647	1½-11½	1/2-14	1.57
NPM24-NPFRB12	70615-2412	20280348	1½-11½	3/4-14	1.57
NPM24-NPFRB12-SS	70615-2412S	20466648	1½-11½	3/4-14	1.57
NPM24-NPFRB16	70615-2416	20280349	1½-11½	1-11½	1.57
NPM24-NPFRB16-SS	70615-2416S	20466220	1½-11½	1-11½	1.57
NPM24-NPFRB20	70615-2420	20280350	1½-11½	1¼-11½	1.57
NPM24-NPFRB20-SS	70615-2420S	20465874	1½-11½	1¼-11½	1.57
NPM32-NPFRB08	70615-3208	20280351	2-11½	1/2-14	1.75
NPM32-NPFRB08-SS	70615-3208S	20466649	2-11½	1/2-14	1.75
NPM32-NPFRB12	70615-3212	20280352	2-11½	3/4-14	1.75
NPM32-NPFRB12-SS	70615-3212S	20466650	2-11½	3/4-14	1.75
NPM32-NPFRB16	70615-3216	20280353	2-11½	1-11½	1.75
NPM32-NPFRB16-SS	70615-3216S	20466651	2-11½	1-11½	1.75
NPM32-NPFRB20	70615-3220	20280354	2-11½	1¼-11½	1.75
NPM32-NPFRB20-SS	70615-3220S	20466652	2-11½	1¼-11½	1.75
NPM32-NPFRB24	70615-3224	20280355	2-11½	1½-11½	1.75
NPM32-NPFRB24-SS	70615-3224S	20466221	2-11½	1½-11½	1.75
NPM40-NPFRB08	70615-4008	20280356	2½-8	1/2-14	2.35
NPM40-NPFRB16	70615-4016	20280357	2½-8	1-11½	2.35
NPM40-NPFRB20	70615-4020	20280358	2½-8	1¼-11½	2.35
NPM40-NPFRB32	70615-4032	20280359	2½-8	2-11½	2.35
NPM48-NPFRB32	70615-4832	20280360	3-8	2-11½	2.50

NPTF, Male – NPTF, Male, 90° Elbow



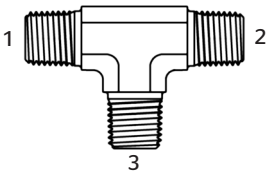
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPM
NPM04-NPM02-90	70620-0402	20280391	1/4-18	1/8-27
NPM04-NPM02-90-SS	70620-0402S	20466663	1/4-18	1/8-27
NPM04-NPM04-90	70620-0404	20280392	1/4-18	1/4-18
NPM04-NPM04-90-SS	70620-0404S	20466228	1/4-18	1/4-18
NPM06-NPM04-90	70620-0604	20280393	3/8-18	1/4-18
NPM06-NPM04-90-SS	70620-0604S	20466664	3/8-18	1/4-18
NPM06-NPM06-90	70620-0606	20280394	3/8-18	3/8-18
NPM06-NPM06-90-SS	70620-0606S	20466229	3/8-18	3/8-18
NPM08-NPM04-90	70620-0804	20280395	1/2-14	1/4-18
NPM08-NPM04-90-SS	70620-0804S	20465926	1/2-14	1/4-18
NPM08-NPM06-90	70620-0806	20280396	1/2-14	3/8-18
NPM08-NPM06-90-SS	70620-0806S	20466665	1/2-14	3/8-18
NPM08-NPM08-90	70620-0808	20280397	1/2-14	1/2-14
NPM08-NPM08-90-SS	70620-0808S	20466230	1/2-14	1/2-14
NPM12-NPM08-90	70620-1208	20280398	3/4-14	1/2-14
NPM12-NPM12-90	70620-1212	20280399	3/4-14	3/4-14
NPM12-NPM12-90-SS	70620-1212S	20466231	3/4-14	3/4-14
NPM16-NPM08-90	70620-1608	20280400	1-11½	1/2-14
NPM16-NPM12-90	70620-1612	20280401	1-11½	3/4-14
NPM16-NPM16-90	70620-1616	20280402	1-11½	1-11½
NPM16-NPM16-90-SS	70620-1616S	20466232	1-11½	1-11½
NPM20-NPM16-90	70620-2016	20280390	1¼-11½	1-11½
NPM20-NPM20-90	70620-2020	20280403	1¼-11½	1¼-11½
NPM20-NPM20-90-SS	70620-2020S	20466233	1¼-11½	1¼-11½
NPM24-NPM24-90	70620-2424	20280404	1½-11½	1½-11½
NPM32-NPM32-90	70620-3232	20280405	2-11½	2-11½

NPTF, Male – NPTF, Male – NPTF, Female Tee



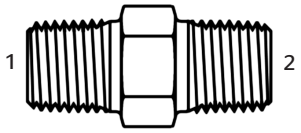
Descriptive #	Product #	SAP #	Thread Size 1 & 2 NPM	Thread Size 3 NPF
NPM02-NPM02-NPF02	70621-0202	20466087	1/8-27	1/8-27
NPM04-NPM04-NPF04	70621-0404	20486651	1/4-18	1/4-18
NPM06-NPM06-NPF06	70621-0606	20486654	3/8-18	3/8-18
NPM08-NPM08-NPF08	70621-0808	20466054	1/2-14	1/2-14
NPM12-NPM12-NPF12	70621-1212	20466771	3/4-14	3/4-14
NPM16-NPM16-NPF16	70621-1616	20486660	1-11½	1-11½

NPTF, Male – NPTF, Male – NPTF, Male Tee



Descriptive #	Product #	SAP #	Thread Size 1, 2 & 3 NPM
NPM04-NPM04-NPM04	70622-0404	20395796	1/4-18
NPM04-NPM04-NPM04-SS	70622-0404S	20466774	1/4-18
NPM06-NPM06-NPM06	70622-0606	20486655	3/8-18
NPM08-NPM08-NPM08	70622-0808	20486656	1/2-14

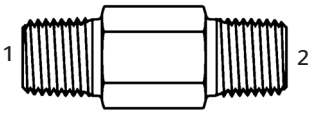
NPTF, Male – NPTF, Male, Hex Nipple



Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPM
NPM02-NPMHN02	70625-0202	20280243	1/8-27	1/8-27
NPM02-NPMHN02-SS	70625-0202S	20466185	1/8-27	1/8-27
NPM04-NPMHN02	70625-0402	20280244	1/4-18	1/8-27
NPM04-NPMHN02-SS	70625-0402S	20466186	1/4-18	1/8-27
NPM04-NPMHN04	70625-0404	20280245	1/4-18	1/4-18
NPM04-NPMHN04-SS	70625-0404S	20466187	1/4-18	1/4-18
NPM06-NPMHN02	70625-0602	20280268	3/8-18	1/8-27
NPM06-NPMHN02-SS	70625-0602S	20466626	3/8-18	1/8-27
NPM06-NPMHN04	70625-0604	20280246	3/8-18	1/4-18
NPM06-NPMHN04-SS	70625-0604S	20466188	3/8-18	1/4-18
NPM06-NPMHN06	70625-0606	20280247	3/8-18	3/8-18
NPM06-NPMHN06-SS	70625-0606S	20466189	3/8-18	3/8-18
NPM08-NPMHN04	70625-0804	20280248	1/2-14	1/4-18
NPM08-NPMHN04-SS	70625-0804S	20466190	1/2-14	1/4-18
NPM08-NPMHN06	70625-0806	20280249	1/2-14	3/8-18
NPM08-NPMHN06-SS	70625-0806S	20466191	1/2-14	3/8-18
NPM08-NPMHN08	70625-0808	20280250	1/2-14	1/2-14
NPM08-NPMHN08-SS	70625-0808S	20466192	1/2-14	1/2-14
NPM12-NPMHN04	70625-1204	20280251	3/4-14	1/4-18
NPM12-NPMHN04-SS	70625-1204S	20466622	3/4-14	1/4-18
NPM12-NPMHN06	70625-1206	20280252	3/4-14	3/8-18
NPM12-NPMHN06-SS	70625-1206S	20466623	3/4-14	3/8-18
NPM12-NPMHN08	70625-1208	20280253	3/4-14	1/2-14
NPM12-NPMHN08-SS	70625-1208S	20466193	3/4-14	1/2-14
NPM12-NPMHN12	70625-1212	20280254	3/4-14	3/4-14
NPM12-NPMHN12-SS	70625-1212S	20466194	3/4-14	3/4-14
NPM16-NPMHN06	70625-1606	20280255	1-11½	3/8-18
NPM16-NPMHN06-SS	70625-1606S	20466624	1-11½	3/8-18
NPM16-NPMHN08	70625-1608	20280269	1-11½	1/2-14
NPM16-NPMHN08-SS	70625-1608S	20466627	1-11½	1/2-14
NPM16-NPMHN12	70625-1612	20280256	1-11½	3/4-14
NPM16-NPMHN12-SS	70625-1612S	20466195	1-11½	3/4-14
NPM16-NPMHN16	70625-1616	20280257	1-11½	1-11½
NPM16-NPMHN16-SS	70625-1616S	20466196	1-11½	1-11½
NPM20-NPMHN04	70625-2004	20280258	1¼-11½	1/4-18
NPM20-NPMHN08	70625-2008	20280259	1¼-11½	1/2-14
NPM20-NPMHN12	70625-2012	20280270	1¼-11½	3/4-14
NPM20-NPMHN16	70625-2016	20280260	1¼-11½	1-11½

Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPM
NPM20-NPMHN16-SS	70625-2016S	20466197	1¼-11½	1-11½
NPM20-NPMHN20	70625-2020	20280261	1¼-11½	1¼-11½
NPM20-NPMHN20-SS	70625-2020S	20466198	1¼-11½	1¼-11½
NPM24-NPMHN12	70625-2412	20280262	1½-11½	3/4-14
NPM24-NPMHN16	70625-2416	20280263	1½-11½	1-11½
NPM24-NPMHN16-SS	70625-2416S	20465908	1½-11½	1-11½
NPM24-NPMHN20	70625-2420	20280264	1½-11½	1¼-11½
NPM24-NPMHN24	70625-2424	20280265	1½-11½	1½-11½
NPM24-NPMHN24-SS	70625-2424S	20466199	1½-11½	1½-11½
NPM32-NPMHN24	70625-3224	20280271	2-11½	1½-11½
NPM32-NPMHN24-SS	70625-3224S	20465909	2-11½	1½-11½
NPM32-NPMHN32	70625-3232	20280266	2-11½	2-11½
NPM32-NPMHN32-SS	70625-3232S	20466625	2-11½	2-11½
NPM40-NPMHN40	70625-4040	20280267	2½-8	2½-8

NPTF, Male – NPTF, Male, Hex Nipple, Long

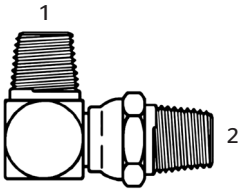


Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPM	Length (In.)
NPM04-NPMHN04-L2	70627-0420	20280272	1/4-18	1/4-18	2
NPM04-NPMHN04-L2-SS	70627-0420S	20465910	1/4-18	1/4-18	2
NPM04-NPMHN04-L2.5	70627-0425	20280273	1/4-18	1/4-18	2½
NPM04-NPMHN04-L2.5-SS	70627-0425S	20465911	1/4-18	1/4-18	2½
NPM04-NPMHN04-L3	70627-0430	20280274	1/4-18	1/4-18	3
NPM04-NPMHN04-L3-SS	70627-0430S	20465912	1/4-18	1/4-18	3
NPM04-NPMHN04-L4	70627-0440	20280275	1/4-18	1/4-18	4
NPM04-NPMHN04-L4-SS	70627-0440S	20465913	1/4-18	1/4-18	4
NPM04-NPMHN04-L6	70627-0460	20280276	1/4-18	1/4-18	6
NPM06-NPMHN06-L2	70627-0620	20280277	3/8-18	3/8-18	2
NPM06-NPMHN06-L2-SS	70627-0620S	20465914	3/8-18	3/8-18	2
NPM06-NPMHN06-L2.5	70627-0625	20280278	3/8-18	3/8-18	2½
NPM06-NPMHN06-L3	70627-0630	20280279	3/8-18	3/8-18	3
NPM06-NPMHN06-L3-SS	70627-0630S	20465916	3/8-18	3/8-18	3
NPM06-NPMHN06-L4	70627-0640	20280280	3/8-18	3/8-18	4
NPM06-NPMHN06-L4-SS	70627-0640S	20465917	3/8-18	3/8-18	4
NPM06-NPMHN06-L6	70627-0660	20280281	3/8-18	3/8-18	6
NPM06-NPMHN06-L7	70627-0670	20280282	3/8-18	3/8-18	7
NPM08-NPMHN08-L2.5	70627-0825	20280283	1/2-14	1/2-14	2½
NPM08-NPMHN08-L2.5-SS	70627-0825S	20465918	1/2-14	1/2-14	2½
NPM08-NPMHN08-L3	70627-0830	20280284	1/2-14	1/2-14	3
NPM08-NPMHN08-L3-SS	70627-0830S	20465919	1/2-14	1/2-14	3
NPM08-NPMHN08-L4	70627-0840	20280285	1/2-14	1/2-14	4
NPM08-NPMHN08-L4-SS	70627-0840S	20465920	1/2-14	1/2-14	4
NPM08-NPMHN08-L6	70627-0860	20280286	1/2-14	1/2-14	6
NPM08-NPMHN08-L6-SS	70627-0860S	20465921	1/2-14	1/2-14	6
NPM12-NPMHN12-L3	70627-1230	20280287	3/4-14	3/4-14	3
NPM12-NPMHN12-L4	70627-1240	20280288	3/4-14	3/4-14	4
NPM12-NPMHN12-L6	70627-1260	20280289	3/4-14	3/4-14	6
NPM16-NPMHN16-L3	70627-1630	20280290	1-11½	1-11½	3
NPM16-NPMHN16-L6	70627-1660	20280291	1-11½	1-11½	6
NPM20-NPMHN20-L4	70627-2040	20280292	1¼-11½	1¼-11½	4
NPM20-NPMHN20-L6	70627-2060	20280293	1¼-11½	1¼-11½	6
NPM24-NPMHN24-L4	70627-2440	20280294	1½-11½	1½-11½	4
NPM24-NPMHN24-L6	70627-2460	20280295	1½-11½	1½-11½	6
NPM32-NPMHN32-L4	70627-3240	20280296	2-11½	2-11½	4
NPM32-NPMHN32-L6	70627-3260	20280297	2-11½	2-11½	6

NPTF, Male – NPTF, Male, Nipple, Long

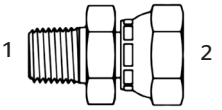
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPM	Length (In.)
NPM04-NPMN04-L2.5	70629-0425	20527274	1/4-18	1/4-18	2½
NPM04-NPMN04-L3	70629-0430	20527275	1/4-18	1/4-18	3

NPTF, Male – NPTF, Male, Swivel, 90° Elbow



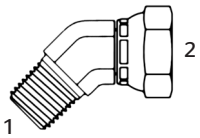
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPM
NPM04-NPMX04-90	70635-0404	20280406	1/4-18	1/4-18
NPM06-NPMX06-90	70635-0606	20280407	3/8-18	3/8-18
NPM08-NPMX08-90	70635-0808	20280408	1/2-14	1/2-14
NPM12-NPMX12-90	70635-1212	20280409	3/4-14	3/4-14

NPTF, Male – NPSM, Female, Swivel



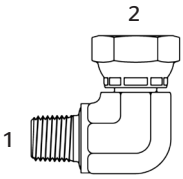
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NSF
NPM02-NSFX02	70640-0202	20279587	1/8-27	1/8-27
NPM02-NSFX02-SS	70640-0202S	20465964	1/8-27	1/8-27
NPM02-NSFX04	70640-0204	20279588	1/8-27	1/4-18
NPM02-NSFX04-SS	70640-0204S	20465965	1/8-27	1/4-18
NPM04-NSFX02	70640-0402	20279299	1/4-18	1/8-27
NPM04-NSFX02-SS	70640-0402S	20466469	1/4-18	1/8-27
NPM04-NSFX04	70640-0404	20279589	1/4-18	1/4-18
NPM04-NSFX04-SS	70640-0404S	20465966	1/4-18	1/4-18
NPM04-NSFX06	70640-0406	20279590	1/4-18	3/8-18
NPM04-NSFX06-SS	70640-0406S	20465967	1/4-18	3/8-18
NPM04-NSFX08	70640-0408	20279580	1/4-18	1/2-14
NPM06-NSFX04	70640-0604	20279591	3/8-18	1/4-18
NPM06-NSFX04-SS	70640-0604S	20465968	3/8-18	1/4-18
NPM06-NSFX06	70640-0606	20279592	3/8-18	3/8-18
NPM06-NSFX06-SS	70640-0606S	20465969	3/8-18	3/8-18
NPM06-NSFX08	70640-0608	20279593	3/8-18	1/2-14
NPM06-NSFX08-SS	70640-0608S	20465970	3/8-18	1/2-14
NPM08-NSFX04	70640-0804	20279581	1/2-14	1/4-18
NPM08-NSFX04-SS	70640-0804S	20465899	1/2-14	1/4-18
NPM08-NSFX06	70640-0806	20279594	1/2-14	3/8-18
NPM08-NSFX06-SS	70640-0806S	20465971	1/2-14	3/8-18
NPM08-NSFX08	70640-0808	20279595	1/2-14	1/2-14
NPM08-NSFX08-SS	70640-0808S	20465972	1/2-14	1/2-14
NPM08-NSFX12	70640-0812	20279596	1/2-14	3/4-14
NPM08-NSFX12-SS	70640-0812S	20464110	1/2-14	3/4-14
NPM12-NSFX06	70640-1206	20279582	3/4-14	3/8-18
NPM12-NSFX08	70640-1208	20279597	3/4-14	1/2-14
NPM12-NSFX08-SS	70640-1208S	20465973	3/4-14	1/2-14
NPM12-NSFX12	70640-1212	20279598	3/4-14	3/4-14
NPM12-NSFX12-SS	70640-1212S	20465974	3/4-14	3/4-14
NPM12-NSFX16	70640-1216	20279599	3/4-14	1-11½
NPM12-NSFX16-SS	70640-1216S	20465975	3/4-14	1-11½
NPM16-NSFX06	70640-1606	20279583	1-11½	3/8-18
NPM16-NSFX08	70640-1608	20279584	1-11½	1/2-14
NPM16-NSFX12	70640-1612	20279600	1-11½	3/4-14
NPM16-NSFX12-SS	70640-1612S	20465976	1-11½	3/4-14
NPM16-NSFX16	70640-1616	20279601	1-11½	1-11½
NPM16-NSFX16-SS	70640-1616S	20465977	1-11½	1-11½
NPM16-NSFX20	70640-1620	20279602	1-11½	1¼-11½
NPM16-NSFX24	70640-1624	20279585	1-11½	1½-11½
NPM20-NSFX16	70640-2016	20279603	1¼-11½	1-11½
NPM20-NSFX20	70640-2020	20279604	1¼-11½	1¼-11½
NPM20-NSFX20-SS	70640-2020S	20465978	1¼-11½	1¼-11½
NPM20-NSFX24	70640-2024	20279605	1¼-11½	1½-11½
NPM20-NSFX24-SS	70640-2024S	20466471	1¼-11½	1½-11½
NPM24-NSFX20	70640-2420	20279606	1½-11½	1¼-11½
NPM24-NSFX24	70640-2424	20279607	1½-11½	1½-11½
NPM24-NSFX24-SS	70640-2424S	20465979	1½-11½	1½-11½
NPM32-NSFX32	70640-3232	20279586	2-11½	2-11½
NPM32-NSFX32-SS	70640-3232S	20466470	2-11½	2-11½

NPTF, Male – NPSM, Female, Swivel, 45° Elbow



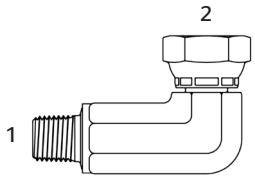
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NSF
NPM02-NSFX02-45	70643-0202	20392611	1/8-27	1/8-27
NPM02-NSFX04-45	70643-0204	20279696	1/8-27	1/4-18
NPM04-NSFX02-45	70643-0402	20279697	1/4-18	1/8-27
NPM04-NSFX04-45	70643-0404	20279701	1/4-18	1/4-18
NPM04-NSFX04-45-SS	70643-0404S	20466002	1/4-18	1/4-18
NPM04-NSFX06-45	70643-0406	20279698	1/4-18	3/8-18
NPM06-NSFX04-45	70643-0604	20279702	3/8-18	1/4-18
NPM06-NSFX06-45	70643-0606	20279703	3/8-18	3/8-18
NPM06-NSFX06-45-SS	70643-0606S	20466003	3/8-18	3/8-18
NPM06-NSFX08-45	70643-0608	20279704	3/8-18	1/2-14
NPM08-NSFX04-45	70643-0804	20279699	1/2-14	1/4-18
NPM08-NSFX06-45	70643-0806	20279705	1/2-14	3/8-18
NPM08-NSFX08-45	70643-0808	20279706	1/2-14	1/2-14
NPM08-NSFX08-45-SS	70643-0808S	20466004	1/2-14	1/2-14
NPM08-NSFX12-45	70643-0812	20279707	1/2-14	3/4-14
NPM12-NSFX06-45	70643-1206	20279700	3/4-14	3/8-18
NPM12-NSFX08-45	70643-1208	20279708	3/4-14	1/2-14
NPM12-NSFX12-45	70643-1212	20279709	3/4-14	3/4-14
NPM12-NSFX12-45-SS	70643-1212S	20466005	3/4-14	3/4-14
NPM12-NSFX16-45	70643-1216	20279710	3/4-14	1-11½
NPM16-NSFX12-45	70643-1612	20279711	1-11½	3/4-14
NPM16-NSFX16-45	70643-1616	20279712	1-11½	1-11½
NPM16-NSFX16-45-SS	70643-1616S	20466006	1-11½	1-11½
NPM16-NSFX20-45	70643-1620	20279713	1-11½	1¼-11½
NPM20-NSFX16-45	70643-2016	20279714	1¼-11½	1-11½
NPM20-NSFX20-45	70643-2020	20279715	1¼-11½	1¼-11½
NPM20-NSFX20-45-SS	70643-2020S	20466007	1¼-11½	1¼-11½
NPM24-NSFX24-45	70643-2424	20279716	1½-11½	1½-11½
NPM24-NSFX24-45-SS	70643-2424S	20466008	1½-11½	1½-11½
NPM32-NSFX32-45	70643-3232	20279717	2-11½	2-11½
NPM32-NSFX32-45-SS	70643-3232S	20465900	2-11½	2-11½

NPTF, Male – NPSM, Female, Swivel, 90° Elbow



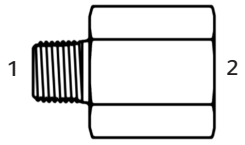
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NSF
NPM02-NSFX02-90	70645-0202	20365547	1/8-27	1/8-27
NPM02-NSFX02-90-SS	70645-0202S	20465836	1/8-27	1/8-27
NPM02-NSFX04-90	70645-0204	20279644	1/8-27	1/4-18
NPM04-NSFX02-90	70645-0402	20279645	1/4-18	1/8-27
NPM04-NSFX04-90	70645-0404	20279646	1/4-18	1/4-18
NPM04-NSFX04-90-SS	70645-0404S	20465987	1/4-18	1/4-18
NPM04-NSFX06-90	70645-0406	20279647	1/4-18	3/8-18
NPM04-NSFX06-90-SS	70645-0406S	20465988	1/4-18	3/8-18
NPM04-NSFX08-90	70645-0408	20279648	1/4-18	1/2-14
NPM06-NSFX04-90	70645-0604	20279649	3/8-18	1/4-18
NPM06-NSFX04-90-SS	70645-0604S	20465989	3/8-18	1/4-18
NPM06-NSFX06-90	70645-0606	20279650	3/8-18	3/8-18
NPM06-NSFX06-90-SS	70645-0606S	20465990	3/8-18	3/8-18
NPM06-NSFX08-90	70645-0608	20279651	3/8-18	1/2-14
NPM06-NSFX08-90-SS	70645-0608S	20464041	3/8-18	1/2-14
NPM06-NSFX12-90	70645-0612	20279652	3/8-18	3/4-14
NPM08-NSFX04-90	70645-0804	20279653	1/2-14	1/4-18
NPM08-NSFX06-90	70645-0806	20279654	1/2-14	3/8-18
NPM08-NSFX06-90-SS	70645-0806S	20465991	1/2-14	3/8-18
NPM08-NSFX08-90	70645-0808	20279655	1/2-14	1/2-14
NPM08-NSFX08-90-SS	70645-0808S	20465992	1/2-14	1/2-14
NPM08-NSFX12-90	70645-0812	20279656	1/2-14	3/4-14
NPM08-NSFX12-90-SS	70645-0812S	20464067	1/2-14	3/4-14
NPM12-NSFX04-90	70645-1204	20279657	3/4-14	1/4-18
NPM12-NSFX06-90	70645-1206	20279658	3/4-14	3/8-18
NPM12-NSFX08-90	70645-1208	20279659	3/4-14	1/2-14
NPM12-NSFX12-90	70645-1212	20279660	3/4-14	3/4-14
NPM12-NSFX12-90-SS	70645-1212S	20465993	3/4-14	3/4-14
NPM12-NSFX16-90	70645-1216	20279661	3/4-14	1-11½
NPM16-NSFX08-90	70645-1608	20279662	1-11½	1/2-14
NPM16-NSFX12-90	70645-1612	20279663	1-11½	3/4-14
NPM16-NSFX16-90	70645-1616	20279664	1-11½	1-11½
NPM16-NSFX16-90-SS	70645-1616S	20465994	1-11½	1-11½
NPM16-NSFX20-90	70645-1620	20279665	1-11½	1¼-11½
NPM20-NSFX12-90	70645-2012	20279666	1¼-11½	3/4-14
NPM20-NSFX16-90	70645-2016	20279667	1¼-11½	1-11½
NPM20-NSFX20-90	70645-2020	20279668	1¼-11½	1¼-11½
NPM20-NSFX20-90-SS	70645-2020S	20465995	1¼-11½	1¼-11½
NPM20-NSFX24-90	70645-2024	20279669	1¼-11½	1½-11½
NPM24-NSFX20-90	70645-2420	20279670	1½-11½	1¼-11½
NPM24-NSFX24-90	70645-2424	20279671	1½-11½	1½-11½
NPM24-NSFX24-90-SS	70645-2424S	20465996	1½-11½	1½-11½
NPM32-NSFX32-90	70645-3232	20279672	2-11½	2-11½
NPM32-NSFX32-90-SS	70645-3232S	20466476	2-11½	2-11½

NPTF, Male – NPSM, Female, Swivel, 90° Elbow, Extra Long



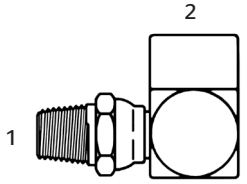
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NSF
NPM02-NSFX02-90-XL	70647-0202	20279673	1/8-27	1/8-27
NPM04-NSFX04-90-XL	70647-0404	20279674	1/4-18	1/4-18
NPM06-NSFX06-90-XL	70647-0606	20279675	3/8-18	3/8-18
NPM08-NSFX08-90-XL	70647-0808	20279676	1/2-14	1/2-14
NPM12-NSFX12-90-XL	70647-1212	20279677	3/4-14	3/4-14

NPTF, Male – OR Boss, Female



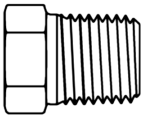
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 OBF
NPM12-OBF12	70649-1212	20486650	3/4-14	1 1/16-12

NPTF, Male, Swivel – NPTF, Female, 90° Elbow



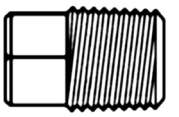
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPF
NPMX04-NPF04-90	70665-0404	20280436	1/4-18	1/4-18
NPMX06-NPF06-90	70665-0606	20280437	3/8-18	3/8-18
NPMX08-NPF08-90	70665-0808	20280438	1/2-14	1/2-14
NPMX12-NPF12-90	70665-1212	20280439	3/4-14	3/4-14

NPTF, Plug



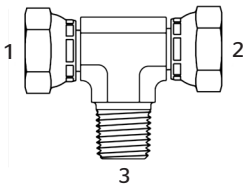
Descriptive #	Product #	SAP #	Thread Size NPM
NPP02	70667-0002	20280374	1/8-27
NPP02-SS	70667-0002S	20466222	1/8-27
NPP04	70667-0004	20280375	1/4-18
NPP04-SS	70667-0004S	20466223	1/4-18
NPP06	70667-0006	20280376	3/8-18
NPP06-SS	70667-0006S	20466224	3/8-18
NPP08	70667-0008	20280377	1/2-14
NPP08-SS	70667-0008S	20466225	1/2-14
NPP12	70667-0012	20280378	3/4-14
NPP12-SS	70667-0012S	20466226	3/4-14
NPP16	70667-0016	20280379	1-11½
NPP16-SS	70667-0016S	20466227	1-11½
NPP20	70667-0020	20280380	1¼-11½
NPP20-SS	70667-0020S	20465875	1¼-11½
NPP24	70667-0024	20280381	1½-11½
NPP24-SS	70667-0024S	20465876	1½-11½

NPTF, Square Head Plug



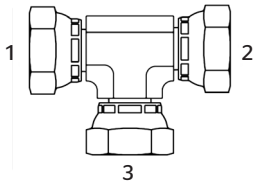
Descriptive #	Product #	SAP #	Thread Size NPM
NPSHP02	70669-0002	20392616	1/8-27
NPSHP04	70669-0004	20280382	1/4-18
NPSHP06	70669-0006	20280383	3/8-18
NPSHP08	70669-0008	20280384	1/2-14
NPSHP08-SS	70669-0008S	20465924	1/2-14
NPSHP12	70669-0012	20280385	3/4-14
NPSHP16	70669-0016	20280386	1-11½
NPSHP16-SS	70669-0016S	20465925	1-11½
NPSHP20	70669-0020	20280387	1¼-11½
NPSHP24	70669-0024	20280388	1½-11½
NPSHP32	70669-0032	20280389	2-11½

NPSM, Female, Swivel – NPSM, Female Swivel – NPTF, Male Tee



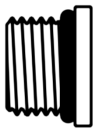
Descriptive #	Product #	SAP #	Thread Size 1 & 2 NSF	Thread Size 3 NPM
NSFX02-NSFX02-NPM02	70675-0202	20302877	1/8-27	1/8-27
NSFX04-NSFX04-NPM04	70675-0404	20282841	1/4-18	1/4-18
NSFX04-NSFX04-NPM06	70675-0406	20282843	1/4-18	3/8-18
NSFX04-NSFX04-NPM08	70675-0408	20282845	1/4-18	1/2-14
NSFX06-NSFX06-NPM04	70675-0604	20282842	3/8-18	1/4-18
NSFX06-NSFX06-NPM06	70675-0606	20282844	3/8-18	3/8-18
NSFX06-NSFX06-NPM08	70675-0608	20282846	3/8-18	1/2-14
NSFX08-NSFX08-NPM06	70675-0806	20282809	1/2-14	3/8-18
NSFX08-NSFX08-NPM08	70675-0808	20282847	1/2-14	1/2-14
NSFX08-NSFX08-NPM12	70675-0812	20282848	1/2-14	3/4-14
NSFX12-NSFX12-NPM12	70675-1212	20282849	3/4-14	3/4-14
NSFX16-NSFX16-NPM12	70675-1612	20282850	1-11½	3/4-14
NSFX16-NSFX16-NPM16	70675-1616	20282851	1-11½	1-11½
NSFX20-NSFX20-NPM20	70675-2020	20282852	1¼-11½	1¼-11½
NSFX24-NSFX24-NPM24	70675-2424	20282840	1½-11½	1½-11½

NPSM, Female, Swivel Tee



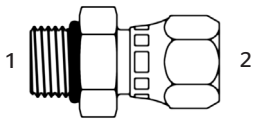
Descriptive #	Product #	SAP #	Thread Size 1, 2 & 3 NSF
NSFX04-NSFX04-NSFX04	70678-0404	20282853	1/4-18
NSFX06-NSFX06-NSFX06	70678-0606	20282854	3/8-18
NSFX08-NSFX08-NSFX08	70678-0808	20282855	1/2-14
NSFX12-NSFX12-NSFX12	70678-1212	20282856	3/4-14
NSFX16-NSFX16-NSFX16	70678-1616	20282857	1-11½
NSFX20-NSFX20-NSFX20	70678-2020	20282858	1¼-11½

OR Boss, Hollow Hex Plug



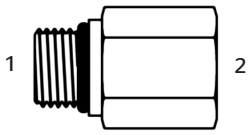
Descriptive #	Product #	SAP #	Thread Size OBM
OBHHP02	70685-0002	20280664	5/16-24
OBHHP02-SS	70685-0002S	20466337	5/16-24
OBHHP03	70685-0003	20280665	3/8-24
OBHHP03-SS	70685-0003S	20466338	3/8-24
OBHHP04	70685-0004	20280666	7/16-20
OBHHP04-SS	70685-0004S	20466339	7/16-20
OBHHP05	70685-0005	20280667	1/2-20
OBHHP05-SS	70685-0005S	20466340	1/2-20
OBHHP06	70685-0006	20280668	9/16-18
OBHHP06-SS	70685-0006S	20466341	9/16-18
OBHHP08	70685-0008	20280669	3/4-16
OBHHP08-SS	70685-0008S	20466342	3/4-16
OBHHP10	70685-0010	20280670	7/8-14
OBHHP10-SS	70685-0010S	20466343	7/8-14
OBHHP12	70685-0012	20280671	1 1/16-12
OBHHP12-SS	70685-0012S	20466344	1 1/16-12
OBHHP14	70685-0014	20280672	1 3/16-12
OBHHP16	70685-0016	20280673	1 5/16-12
OBHHP16-SS	70685-0016S	20466345	1 5/16-12
OBHHP20	70685-0020	20280674	1 5/8-12
OBHHP20-SS	70685-0020S	20465878	1 5/8-12
OBHHP24	70685-0024	20280675	1 7/8-12
OBHHP24-SS	70685-0024S	20466346	1 7/8-12
OBHHP32	70685-0032	20280676	2½-12

OR Boss, Male – JIC 37°, Female Swivel



Descriptive #	Product #	SAP #	Thread Size 1 OBM	Thread Size 2 JCF
OBM06-JCFX06	70687-0606	20392617	9/16-18	9/16-18
OBM06-JCFX06-SS	70687-0606S	20466773	9/16-18	9/16-18
OBM08-JCFX08	70687-0808	20486657	3/4-16	3/4-16
OBM10-JCFX10	70687-1010	20486658	7/8-14	7/8-14
OBM12-JCFX12	70687-1212	20466034	1 1/16-12	1 1/16-12
OBM16-JCFX16	70687-1616	20486661	1 5/16-12	1 5/16-12

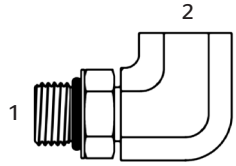
OR Boss, Male – NPTF, Female



Descriptive #	Product #	SAP #	Thread Size 1 OBM	Thread Size 2 NPF
OBM02-NPF04	70690-0204	20280602	5/16-24	1/4-18
OBM03-NPF02	70690-0302	20280603	3/8-24	1/8-27
OBM03-NPF04	70690-0304	20280604	3/8-24	1/4-18
OBM03-NPF04-SS	70690-0304S	20465932	3/8-24	1/4-18
OBM04-NPF02	70690-0402	20280605	7/16-20	1/8-27
OBM04-NPF02-SS	70690-0402S	20466311	7/16-20	1/8-27
OBM04-NPF04	70690-0404	20280606	7/16-20	1/4-18
OBM04-NPF04-SS	70690-0404S	20466312	7/16-20	1/4-18
OBM04-NPF06	70690-0406	20280607	7/16-20	3/8-18
OBM04-NPF06-SS	70690-0406S	20465933	7/16-20	3/8-18
OBM05-NPF02	70690-0502	20280608	1/2-20	1/8-27
OBM05-NPF04	70690-0504	20280609	1/2-20	1/4-18
OBM06-NPF02	70690-0602	20280610	9/16-18	1/8-27
OBM06-NPF04	70690-0604	20280611	9/16-18	1/4-18
OBM06-NPF04-SS	70690-0604S	20466313	9/16-18	1/4-18
OBM06-NPF06	70690-0606	20280612	9/16-18	3/8-18
OBM06-NPF06-SS	70690-0606S	20466314	9/16-18	3/8-18
OBM06-NPF08	70690-0608	20280613	9/16-18	1/2-14
OBM06-NPF08-SS	70690-0608S	20466698	9/16-18	1/2-14
OBM06-NPF12	70690-0612	20280614	9/16-18	3/4-14
OBM08-NPF02	70690-0802	20280615	3/4-16	1/8-27
OBM08-NPF02-SS	70690-0802S	20466699	3/4-16	1/8-27
OBM08-NPF04	70690-0804	20280616	3/4-16	1/4-18
OBM08-NPF04-SS	70690-0804S	20466315	3/4-16	1/4-18
OBM08-NPF06	70690-0806	20280617	3/4-16	3/8-18
OBM08-NPF06-SS	70690-0806S	20466316	3/4-16	3/8-18
OBM08-NPF08	70690-0808	20280618	3/4-16	1/2-14
OBM08-NPF08-SS	70690-0808S	20466317	3/4-16	1/2-14
OBM08-NPF12	70690-0812	20280619	3/4-16	3/4-14
OBM08-NPF12-SS	70690-0812S	20465934	3/4-16	3/4-14
OBM10-NPF02	70690-1002	20280620	7/8-14	1/8-27
OBM10-NPF04	70690-1004	20280621	7/8-14	1/4-18
OBM10-NPF04-SS	70690-1004S	20466318	7/8-14	1/4-18
OBM10-NPF06	70690-1006	20280622	7/8-14	3/8-18
OBM10-NPF06-SS	70690-1006S	20466319	7/8-14	3/8-18
OBM10-NPF08	70690-1008	20280623	7/8-14	1/2-14
OBM10-NPF08-SS	70690-1008S	20466320	7/8-14	1/2-14
OBM10-NPF12	70690-1012	20280624	7/8-14	3/4-14
OBM12-NPF04	70690-1204	20280625	1 1/16-12	1/4-18
OBM12-NPF04-SS	70690-1204S	20466700	1 1/16-12	1/4-18

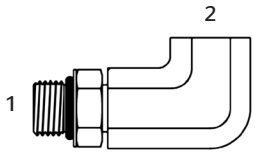
Descriptive #	Product #	SAP #	Thread Size 1 OBM	Thread Size 2 NPF
OBM12-NPF06	70690-1206	20280626	1 1/16-12	3/8-18
OBM12-NPF06-SS	70690-1206S	20466701	1 1/16-12	3/8-18
OBM12-NPF08	70690-1208	20280627	1 1/16-12	1/2-14
OBM12-NPF08-SS	70690-1208S	20466321	1 1/16-12	1/2-14
OBM12-NPF12	70690-1212	20280628	1 1/16-12	3/4-14
OBM12-NPF12-SS	70690-1212S	20466322	1 1/16-12	3/4-14
OBM12-NPF16	70690-1216	20280629	1 1/16-12	1-11 1/2
OBM12-NPF24	70690-1224	20280630	1 1/16-12	1 1/2-11 1/2
OBM14-NPF08	70690-1408	20280631	1 3/16-12	1/2-14
OBM14-NPF12	70690-1412	20280632	1 3/16-12	3/4-14
OBM14-NPF16	70690-1416	20280633	1 3/16-12	1-11 1/2
OBM16-NPF06	70690-1606	20280634	1 5/16-12	3/8-18
OBM16-NPF08	70690-1608	20280635	1 5/16-12	1/2-14
OBM16-NPF08-SS	70690-1608S	20466323	1 5/16-12	1/2-14
OBM16-NPF12	70690-1612	20280647	1 5/16-12	3/4-14
OBM16-NPF12-SS	70690-1612S	20466326	1 5/16-12	3/4-14
OBM16-NPF16	70690-1616	20280648	1 5/16-12	1-11 1/2
OBM16-NPF16-SS	70690-1616S	20466327	1 5/16-12	1-11 1/2
OBM16-NPF20	70690-1620	20280649	1 5/16-12	1 1/4-11 1/2
OBM20-NPF08	70690-2008	20280636	1 5/8-12	1/2-14
OBM20-NPF12	70690-2012	20280637	1 5/8-12	3/4-14
OBM20-NPF16	70690-2016	20280638	1 5/8-12	1-11 1/2
OBM20-NPF16-SS	70690-2016S	20466324	1 5/8-12	1-11 1/2
OBM20-NPF20	70690-2020	20280650	1 5/8-12	1 1/4-11 1/2
OBM20-NPF20-SS	70690-2020S	20466328	1 5/8-12	1 1/4-11 1/2
OBM20-NPF24	70690-2024	20280639	1 5/8-12	1 1/2-11 1/2
OBM20-NPF24-SS	70690-2024S	20466702	1 5/8-12	1 1/2-11 1/2
OBM24-NPF12	70690-2412	20280640	1 7/8-12	3/4-14
OBM24-NPF16	70690-2416	20280641	1 7/8-12	1-11 1/2
OBM24-NPF16-SS	70690-2416S	20466703	1 7/8-12	1-11 1/2
OBM24-NPF20	70690-2420	20280642	1 7/8-12	1 1/4-11 1/2
OBM24-NPF20-SS	70690-2420S	20466704	1 7/8-12	1 1/4-11 1/2
OBM24-NPF24	70690-2424	20280643	1 7/8-12	1 1/2-11 1/2
OBM24-NPF24-SS	70690-2424S	20466325	1 7/8-12	1 1/2-11 1/2
OBM32-NPF20	70690-3220	20280644	2 1/2-12	1 1/4-11 1/2
OBM32-NPF24	70690-3224	20280645	2 1/2-12	1 1/2-11 1/2
OBM32-NPF32	70690-3232	20280646	2 1/2-12	2-11 1/2
OBM32-NPF32-SS	70690-3232S	20466705	2 1/2-12	2-11 1/2

OR Boss, Male – NPTF, Female, 90° Elbow



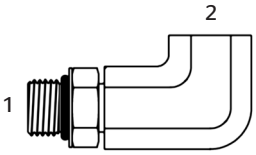
Descriptive #	Product #	SAP #	Thread Size 1 OBM	Thread Size 2 NPF
OBM04-NPF02-90	70696-0402	20281008	7/16-20	1/8-27
OBM04-NPF04-90	70696-0404	20281009	7/16-20	1/4-18
OBM05-NPF02-90	70696-0502	20281005	1/2-20	1/8-27
OBM06-NPF02-90	70696-0602	20281006	9/16-18	1/8-27
OBM06-NPF04-90	70696-0604	20281010	9/16-18	1/4-18
OBM06-NPF06-90	70696-0606	20281011	9/16-18	3/8-18
OBM08-NPF06-90	70696-0806	20281012	3/4-16	3/8-18
OBM08-NPF08-90	70696-0808	20281013	3/4-16	1/2-14
OBM10-NPF06-90	70696-1006	20281014	7/8-14	3/8-18
OBM10-NPF08-90	70696-1008	20281015	7/8-14	1/2-14
OBM12-NPF08-90	70696-1208	20281016	1 1/16-12	1/2-14
OBM12-NPF12-90	70696-1212	20281017	1 1/16-12	3/4-14
OBM14-NPF12-90	70696-1412	20281018	1 3/16-12	3/4-14
OBM16-NPF12-90	70696-1612	20281019	1 5/16-12	3/4-14
OBM16-NPF16-90	70696-1616	20281020	1 5/16-12	1-11½
OBM20-NPF20-90	70696-2020	20281021	1⅝-12	1¼-11½
OBM24-NPF24-90	70696-2424	20281022	1⅞-12	1½-11½
OBM32-NPF32-90	70696-3232	20281007	2½-12	2-11½

OR Boss, Male – NPTF, Female, 90° Elbow, Long



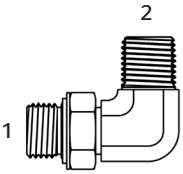
Descriptive #	Product #	SAP #	Thread Size 1 OBM	Thread Size 2 NPF
OBM08-NPF08-90-L	70697-0808	20281023	3/4-16	1/2-14
OBM10-NPF08-90-L	70697-1008	20281024	7/8-14	1/2-14
OBM12-NPF12-90-L	70697-1212	20281025	1 1/16-12	3/4-14
OBM16-NPF16-90-L	70697-1616	20281026	1 5/16-12	1-11½

OR Boss, Male – NPTF, Female, 90° Elbow, Extra Long



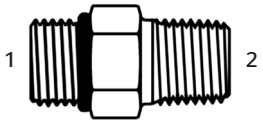
Descriptive #	Product #	SAP #	Thread Size 1 OBM	Thread Size 2 NPF
OBM08-NPF06-90-XL	70698-0806	20281028	3/4-16	3/8-18
OBM10-NPF08-90-XL	70698-1008	20281029	7/8-14	1/2-14
OBM12-NPF12-90-XL	70698-1212	20281030	1 1/16-12	3/4-14
OBM16-NPF16-90-XL	70698-1616	20281027	1 5/16-12	1-11½

OR Boss, Male – NPTF, Male, 90° Elbow



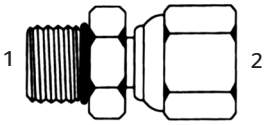
Descriptive #	Product #	SAP #	Thread Size 1 OBM	Thread Size 2 NPM
OBM06-NPM06-90	70704-0606	20527261	9/16-18	3/8-18
OBM08-NPM06-90	70704-0806	20527262	3/4-16	3/8-18
OBM08-NPM08-90	70704-0808	20527263	3/4-16	1/2-14

OR Boss, Male – NPTF, Male



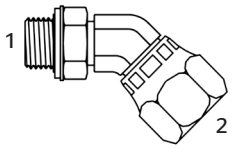
Descriptive #	Product #	SAP #	Thread Size 1 OBM	Thread Size 2 NPM
OBM03-NPM02	70700-0302	20280572	3/8-24	1/8-27
OBM04-NPM02	70700-0402	20280573	7/16-20	1/8-27
OBM04-NPM02-SS	70700-0402S	20466697	7/16-20	1/8-27
OBM04-NPM04	70700-0404	20280574	7/16-20	1/4-18
OBM04-NPM04-SS	70700-0404S	20466300	7/16-20	1/4-18
OBM04-NPM06	70700-0406	20280575	7/16-20	3/8-18
OBM05-NPM02	70700-0502	20280576	1/2-20	1/8-27
OBM06-NPM04	70700-0604	20280577	9/16-18	1/4-18
OBM06-NPM04-SS	70700-0604S	20466301	9/16-18	1/4-18
OBM06-NPM06	70700-0606	20280578	9/16-18	3/8-18
OBM06-NPM06-SS	70700-0606S	20466302	9/16-18	3/8-18
OBM06-NPM08	70700-0608	20280579	9/16-18	1/2-14
OBM08-NPM02	70700-0802	20280581	3/4-16	1/8-27
OBM08-NPM04	70700-0804	20280582	3/4-16	1/4-18
OBM08-NPM06	70700-0806	20280583	3/4-16	3/8-18
OBM08-NPM06-SS	70700-0806S	20466303	3/4-16	3/8-18
OBM08-NPM08	70700-0808	20280584	3/4-16	1/2-14
OBM08-NPM08-SS	70700-0808S	20466304	3/4-16	1/2-14
OBM08-NPM12	70700-0812	20280585	3/4-16	3/4-14
OBM10-NPM06	70700-1006	20280601	7/8-14	3/8-18
OBM10-NPM08	70700-1008	20280586	7/8-14	1/2-14
OBM10-NPM08-SS	70700-1008S	20466305	7/8-14	1/2-14
OBM10-NPM12	70700-1012	20280587	7/8-14	3/4-14
OBM12-NPM08	70700-1208	20280588	1 1/16-12	1/2-14
OBM12-NPM12	70700-1212	20280589	1 1/16-12	3/4-14
OBM12-NPM12-SS	70700-1212S	20466306	1 1/16-12	3/4-14
OBM12-NPM16	70700-1216	20280590	1 1/16-12	1-11 1/2
OBM16-NPM12	70700-1612	20280592	1 5/16-12	3/4-14
OBM16-NPM12-SS	70700-1612S	20466307	1 5/16-12	3/4-14
OBM16-NPM16	70700-1616	20280593	1 5/16-12	1-11 1/2
OBM16-NPM16-SS	70700-1616S	20466308	1 5/16-12	1-11 1/2
OBM16-NPM20	70700-1620	20280594	1 5/16-12	1 1/4-11 1/2
OBM20-NPM16	70700-2016	20280595	1 5/8-12	1-11 1/2
OBM20-NPM20	70700-2020	20280596	1 5/8-12	1 1/4-11 1/2
OBM20-NPM20-SS	70700-2020S	20466309	1 5/8-12	1 1/4-11 1/2
OBM24-NPM16	70700-2416	20280597	1 7/8-12	1-11 1/2
OBM24-NPM20	70700-2420	20280598	1 7/8-12	1 1/4-11 1/2
OBM24-NPM24	70700-2424	20280599	1 7/8-12	1 1/2-11 1/2
OBM24-NPM24-SS	70700-2424S	20466310	1 7/8-12	1 1/2-11 1/2
OBM32-NPM32	70700-3232	20280600	2 1/2-12	2-11 1/2

OR Boss, Male – NPSM, Female, Swivel



Descriptive #	Product #	SAP #	Thread Size 1 OBM	Thread Size 2 NSF
OBM04-NSFX02	70710-0402	20281033	7/16-20	1/8-27
OBM04-NSFX04	70710-0404	20281034	7/16-20	1/4-18
OBM04-NSFX06	70710-0406	20281035	7/16-20	3/8-18
OBM04-NSFX08	70710-0408	20281036	7/16-20	1/2-14
OBM05-NSFX04	70710-0504	20281037	1/2-20	1/4-18
OBM05-NSFX06	70710-0506	20281038	1/2-20	3/8-18
OBM05-NSFX08	70710-0508	20281039	1/2-20	1/2-14
OBM06-NSFX04	70710-0604	20281040	9/16-18	1/4-18
OBM06-NSFX06	70710-0606	20281041	9/16-18	3/8-18
OBM06-NSFX08	70710-0608	20281042	9/16-18	1/2-14
OBM08-NSFX04	70710-0804	20281043	3/4-16	1/4-18
OBM08-NSFX06	70710-0806	20281044	3/4-16	3/8-18
OBM08-NSFX06-SS	70710-0806S	20465881	3/4-16	3/8-18
OBM08-NSFX08	70710-0808	20281045	3/4-16	1/2-14
OBM08-NSFX12	70710-0812	20281046	3/4-16	3/4-14
OBM10-NSFX04	70710-1004	20281047	7/8-14	1/4-18
OBM10-NSFX06	70710-1006	20281048	7/8-14	3/8-18
OBM10-NSFX08	70710-1008	20281049	7/8-14	1/2-14
OBM10-NSFX12	70710-1012	20281050	7/8-14	3/4-14
OBM12-NSFX06	70710-1206	20281051	1 1/16-12	3/8-18
OBM12-NSFX08	70710-1208	20281052	1 1/16-12	1/2-14
OBM12-NSFX12	70710-1212	20281053	1 1/16-12	3/4-14
OBM12-NSFX16	70710-1216	20281054	1 1/16-12	1-11 1/2
OBM14-NSFX08	70710-1408	20281031	1 3/16-12	1/2-14
OBM14-NSFX12	70710-1412	20281055	1 3/16-12	3/4-14
OBM14-NSFX16	70710-1416	20281056	1 3/16-12	1-11 1/2
OBM16-NSFX08	70710-1608	20281032	1 5/16-12	1/2-14
OBM16-NSFX12	70710-1612	20281057	1 5/16-12	3/4-14
OBM16-NSFX16	70710-1616	20281058	1 5/16-12	1-11 1/2
OBM16-NSFX20	70710-1620	20281059	1 5/16-12	1 1/4-11 1/2
OBM20-NSFX12	70710-2012	20281060	1 5/8-12	3/4-14
OBM20-NSFX16	70710-2016	20281061	1 5/8-12	1-11 1/2
OBM20-NSFX20	70710-2020	20281062	1 5/8-12	1 1/4-11 1/2
OBM24-NSFX20	70710-2420	20281063	1 7/8-12	1 1/4-11 1/2
OBM24-NSFX24	70710-2424	20281064	1 7/8-12	1 1/2-11 1/2
OBM32-NSFX32	70710-3232	20281065	2 1/2-12	2-11 1/2

OR Boss, Male – NPSM, Female, Swivel, 45° Elbow

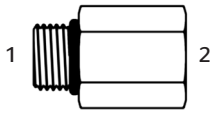


Descriptive #	Product #	SAP #	Thread Size 1 OBM	Thread Size 2 NSF
OBM04-NSFX02-45	70713-0402	20281093	7/16-20	1/8-27
OBM04-NSFX04-45	70713-0404	20281094	7/16-20	1/4-18
OBM04-NSFX06-45	70713-0406	20281095	7/16-20	3/8-18
OBM06-NSFX04-45	70713-0604	20281096	9/16-18	1/4-18
OBM06-NSFX06-45	70713-0606	20281097	9/16-18	3/8-18
OBM06-NSFX08-45	70713-0608	20281098	9/16-18	1/2-14
OBM08-NSFX04-45	70713-0804	20281099	3/4-16	1/4-18
OBM08-NSFX06-45	70713-0806	20281111	3/4-16	3/8-18
OBM08-NSFX08-45	70713-0808	20281100	3/4-16	1/2-14
OBM08-NSFX12-45	70713-0812	20281101	3/4-16	3/4-14
OBM10-NSFX06-45	70713-1006	20281102	7/8-14	3/8-18
OBM10-NSFX08-45	70713-1008	20281103	7/8-14	1/2-14
OBM10-NSFX12-45	70713-1012	20281104	7/8-14	3/4-14
OBM12-NSFX08-45	70713-1208	20281105	1 1/16-12	1/2-14
OBM12-NSFX12-45	70713-1212	20281106	1 1/16-12	3/4-14
OBM12-NSFX16-45	70713-1216	20281107	1 1/16-12	1-11 1/2
OBM16-NSFX12-45	70713-1612	20281108	1 5/16-12	3/4-14
OBM16-NSFX16-45	70713-1616	20281109	1 5/16-12	1-11 1/2
OBM20-NSFX20-45	70713-2020	20281112	1 5/8-12	1 1/4-11 1/2
OBM24-NSFX24-45	70713-2424	20281110	1 7/8-12	1 1/2-11 1/2

OR Boss, Male – NPSM, Female, Swivel, 90° Elbow

Descriptive #	Product #	SAP #	Thread Size 1 OBM	Thread Size 2 NSF
OBM04-NSFX02-90	70715-0402	20281066	7/16-20	1/8-27
OBM04-NSFX04-90	70715-0404	20281076	7/16-20	1/4-18
OBM04-NSFX06-90	70715-0406	20281067	7/16-20	3/8-18
OBM06-NSFX04-90	70715-0604	20281077	9/16-18	1/4-18
OBM06-NSFX06-90	70715-0606	20281078	9/16-18	3/8-18
OBM06-NSFX08-90	70715-0608	20281079	9/16-18	1/2-14
OBM08-NSFX04-90	70715-0804	20281068	3/4-16	1/4-18
OBM08-NSFX06-90	70715-0806	20281080	3/4-16	3/8-18
OBM08-NSFX08-90	70715-0808	20281081	3/4-16	1/2-14
OBM08-NSFX12-90	70715-0812	20281082	3/4-16	3/4-14
OBM10-NSFX04-90	70715-1004	20281069	7/8-14	1/4-18
OBM10-NSFX06-90	70715-1006	20281083	7/8-14	3/8-18
OBM10-NSFX08-90	70715-1008	20281084	7/8-14	1/2-14
OBM10-NSFX12-90	70715-1012	20281085	7/8-14	3/4-14
OBM12-NSFX06-90	70715-1206	20281070	1 1/16-12	3/8-18
OBM12-NSFX08-90	70715-1208	20281086	1 1/16-12	1/2-14
OBM12-NSFX12-90	70715-1212	20281087	1 1/16-12	3/4-14
OBM12-NSFX16-90	70715-1216	20281088	1 1/16-12	1-11 1/2
OBM14-NSFX12-90	70715-1412	20281071	1 3/16-12	3/4-14
OBM16-NSFX12-90	70715-1612	20281089	1 5/16-12	3/4-14
OBM16-NSFX16-90	70715-1616	20281090	1 5/16-12	1-11 1/2
OBM16-NSFX20-90	70715-1620	20281072	1 5/16-12	1 1/4-11 1/2
OBM20-NSFX12-90	70715-2012	20281073	1 5/8-12	3/4-14
OBM20-NSFX16-90	70715-2016	20281091	1 5/8-12	1-11 1/2
OBM20-NSFX20-90	70715-2020	20281092	1 5/8-12	1 1/4-11 1/2
OBM24-NSFX24-90	70715-2424	20281074	1 7/8-12	1 1/2-11 1/2
OBM32-NSFX32-90	70715-3232	20281075	2 1/2-12	2-11 1/2

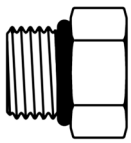
OR Boss, Male – OR Boss, Female, Reducer/Expander



Descriptive #	Product #	SAP #	Thread Size 1 OBM	Thread Size 2 OBF
OBM02-OBFRE04	70720-0204	20280677	5/16-24	7/16-20
OBM04-OBFRE06	70720-0406	20280678	7/16-20	9/16-18
OBM04-OBFRE06-SS	70720-0406S	20466710	7/16-20	9/16-18
OBM05-OBFRE06	70720-0506	20280679	1/2-20	9/16-18
OBM05-OBFRE06-SS	70720-0506S	20465935	1/2-20	9/16-18
OBM06-OBFRE04	70720-0604	20280680	9/16-18	7/16-20
OBM06-OBFRE04-SS	70720-0604S	20466347	9/16-18	7/16-20
OBM06-OBFRE06	70720-0606	20280681	9/16-18	9/16-18
OBM06-OBFRE08	70720-0608	20280682	9/16-18	3/4-16
OBM06-OBFRE08-SS	70720-0608S	20466348	9/16-18	3/4-16
OBM08-OBFRE04	70720-0804	20280683	3/4-16	7/16-20
OBM08-OBFRE05	70720-0805	20280684	3/4-16	1/2-20
OBM08-OBFRE06	70720-0806	20280685	3/4-16	9/16-18
OBM08-OBFRE06-SS	70720-0806S	20466349	3/4-16	9/16-18
OBM08-OBFRE08	70720-0808	20280686	3/4-16	3/4-16
OBM08-OBFRE10	70720-0810	20280687	3/4-16	7/8-14
OBM08-OBFRE10-SS	70720-0810S	20466711	3/4-16	7/8-14
OBM08-OBFRE12	70720-0812	20280688	3/4-16	11/16-12
OBM10-OBFRE04	70720-1004	20280689	7/8-14	7/16-20
OBM10-OBFRE05	70720-1005	20280690	7/8-14	1/2-20
OBM10-OBFRE06	70720-1006	20280691	7/8-14	9/16-18
OBM10-OBFRE06-SS	70720-1006S	20466350	7/8-14	9/16-18
OBM10-OBFRE08	70720-1008	20280692	7/8-14	3/4-16
OBM10-OBFRE08-SS	70720-1008S	20466351	7/8-14	3/4-16
OBM10-OBFRE12	70720-1012	20280693	7/8-14	11/16-12
OBM10-OBFRE12-SS	70720-1012S	20466712	7/8-14	11/16-12
OBM12-OBFRE04	70720-1204	20280694	11/16-12	7/16-20
OBM12-OBFRE05	70720-1205	20280695	11/16-12	1/2-20
OBM12-OBFRE06	70720-1206	20280696	11/16-12	9/16-18
OBM12-OBFRE08	70720-1208	20280697	11/16-12	3/4-16
OBM12-OBFRE08-SS	70720-1208S	20466352	11/16-12	3/4-16
OBM12-OBFRE10	70720-1210	20280698	11/16-12	7/8-14
OBM12-OBFRE10-SS	70720-1210S	20466713	11/16-12	7/8-14
OBM12-OBFRE12	70720-1212	20280699	11/16-12	11/16-12
OBM12-OBFRE14	70720-1214	20280700	11/16-12	13/16-12
OBM12-OBFRE16	70720-1216	20280701	11/16-12	15/16-12
OBM12-OBFRE16-SS	70720-1216S	20466714	11/16-12	15/16-12
OBM14-OBFRE08	70720-1408	20280702	13/16-12	3/4-16
OBM14-OBFRE10	70720-1410	20280703	13/16-12	7/8-14
OBM14-OBFRE12	70720-1412	20280704	13/16-12	11/16-12
OBM16-OBFRE04	70720-1604	20280705	15/16-12	7/16-20
OBM16-OBFRE06	70720-1606	20280706	15/16-12	9/16-18

Descriptive #	Product #	SAP #	Thread Size 1 OBM	Thread Size 2 OBF
OBM16-OBFRE08	70720-1608	20280707	15/16-12	3/4-16
OBM16-OBFRE08-SS	70720-1608S	20466353	15/16-12	3/4-16
OBM16-OBFRE10	70720-1610	20280708	15/16-12	7/8-14
OBM16-OBFRE12	70720-1612	20280709	15/16-12	11/16-12
OBM16-OBFRE12-SS	70720-1612S	20466354	15/16-12	11/16-12
OBM16-OBFRE14	70720-1614	20280710	15/16-12	13/16-12
OBM16-OBFRE20	70720-1620	20280711	15/16-12	15/8-12
OBM16-OBFRE20-SS	70720-1620S	20465936	15/16-12	15/8-12
OBM20-OBFRE04	70720-2004	20280712	15/8-12	7/16-20
OBM20-OBFRE06	70720-2006	20280713	15/8-12	9/16-18
OBM20-OBFRE06-SS	70720-2006S	20466715	15/8-12	9/16-18
OBM20-OBFRE10	70720-2010	20280714	15/8-12	7/8-14
OBM20-OBFRE12	70720-2012	20280715	15/8-12	11/16-12
OBM20-OBFRE12-SS	70720-2012S	20466355	15/8-12	11/16-12
OBM20-OBFRE14	70720-2014	20280716	15/8-12	13/16-12
OBM20-OBFRE16	70720-2016	20280717	15/8-12	15/16-12
OBM20-OBFRE16-SS	70720-2016S	20466356	15/8-12	15/16-12
OBM20-OBFRE24	70720-2024	20280718	15/8-12	17/8-12
OBM20-OBFRE24-SS	70720-2024S	20466716	15/8-12	17/8-12
OBM24-OBFRE12	70720-2412	20280719	17/8-12	11/16-12
OBM24-OBFRE12-SS	70720-2412S	20466357	17/8-12	11/16-12
OBM24-OBFRE16	70720-2416	20280720	17/8-12	15/16-12
OBM24-OBFRE16-SS	70720-2416S	20466358	17/8-12	15/16-12
OBM24-OBFRE20	70720-2420	20280721	17/8-12	15/8-12
OBM24-OBFRE20-SS	70720-2420S	20466359	17/8-12	15/8-12
OBM32-OBFRE12	70720-3212	20280722	21/2-12	11/16-12
OBM32-OBFRE16	70720-3216	20280723	21/2-12	15/16-12
OBM32-OBFRE20	70720-3220	20280724	21/2-12	15/8-12
OBM32-OBFRE24	70720-3224	20280725	21/2-12	17/8-12
OBM32-OBFRE24-SS	70720-3224S	20466360	21/2-12	17/8-12

OR Boss, Plug

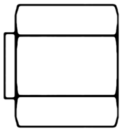


Descriptive #	Product #	SAP #	Thread Size OBM
OBP02	70725-0002	20280651	5/16-24
OBP02-SS	70725-0002S	20466706	5/16-24
OBP03	70725-0003	20280652	3/8-24
OBP03-SS	70725-0003S	20466707	3/8-24
OBP04	70725-0004	20280653	7/16-20
OBP04-SS	70725-0004S	20466329	7/16-20
OBP05	70725-0005	20280654	1/2-20
OBP05-SS	70725-0005S	20466330	1/2-20
OBP06	70725-0006	20280655	9/16-18
OBP06-SS	70725-0006S	20466331	9/16-18
OBP08	70725-0008	20280656	3/4-16
OBP08-SS	70725-0008S	20466332	3/4-16
OBP10	70725-0010	20280657	7/8-14
OBP10-SS	70725-0010S	20466333	7/8-14
OBP12	70725-0012	20280658	1 1/16-12
OBP12-SS	70725-0012S	20466334	1 1/16-12
OBP14	70725-0014	20280659	1 3/16-12
OBP16	70725-0016	20280660	1 5/16-12
OBP16-SS	70725-0016S	20466335	1 5/16-12
OBP20	70725-0020	20280661	1 5/8-12
OBP20-SS	70725-0020S	20466336	1 5/8-12
OBP24	70725-0024	20280662	1 7/8-12
OBP24-SS	70725-0024S	20466708	1 7/8-12
OBP32	70725-0032	20280663	2 1/2-12
OBP32-SS	70725-0032S	20466709	2 1/2-12

ORFS, Bulkhead Lock Nut

Descriptive #	Product #	SAP #	Thread Size OFF
OFBLN04	70728-0004	20281225	9/16-18
OFBLN06	70728-0006	20281226	11/16-16
OFBLN08	70728-0008	20281227	13/16-16
OFBLN10	70728-0010	20281228	1-14
OFBLN12	70728-0012	20281229	1 3/16-12
OFBLN16	70728-0016	20281230	1 7/16-12
OFBLN20	70728-0020	20281231	1 11/16-12
OFBLN24	70728-0024	20281232	2-12

ORFS, Cap

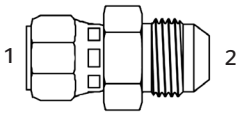


Descriptive #	Product #	SAP #	Tube OD	Thread Size OFF
OFC04	70732-0004	20281217	1/4	9/16-18
OFC06	70732-0006	20281218	3/8	11/16-16
OFC08	70732-0008	20281219	1/2	13/16-16
OFC10	70732-0010	20281220	5/8	1-14
OFC12	70732-0012	20281221	3/4	1 3/16-12
OFC16	70732-0016	20281222	1	1 7/16-12
OFC20	70732-0020	20281223	1 1/4	1 11/16-12
OFC24	70732-0024	20281224	1 1/2	2-12

ORFS, Brazed Sleeve

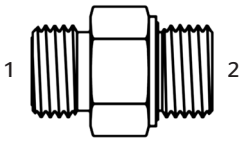
Descriptive #	Product #	SAP #	Tube OD
OFBS04	70730-0004	20281241	1/4
OFBS06	70730-0006	20281242	3/8
OFBS08	70730-0008	20281243	1/2
OFBS08-SS	70730-0008S	20465894	1/2
OFBS10	70730-0010	20281244	5/8
OFBS12	70730-0012	20281245	3/4
OFBS12-SS	70730-0012S	20465895	3/4
OFBS16	70730-0016	20281246	1
OFBS20	70730-0020	20281247	1 1/4
OFBS20-SS	70730-0020S	20465896	1 1/4
OFBS24	70730-0024	20281248	1 1/2

ORFS, Female, Swivel – JIC 37°, Male



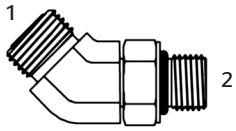
Descriptive #	Product #	SAP #	Thread Size 1 OFF	Thread Size 2 JCM
OFFX04-JCM04	70735-0404	20281300	9/16-18	7/16-20
OFFX06-JCM06	70735-0606	20281301	1 1/16-16	9/16-18
OFFX08-JCM08	70735-0808	20281302	13/16-16	3/4-16
OFFX10-JCM10	70735-1010	20281303	1-14	7/8-14
OFFX12-JCM12	70735-1212	20281304	1 3/16-12	1 1/16-12
OFFX16-JCM16	70735-1616	20281305	1 7/16-12	1 5/16-12
OFFX20-JCM20	70735-2020	20281306	1 11/16-12	1 5/8-12
OFFX24-JCM24	70735-2424	20281307	2-12	1 7/8-12

ORFS, Male – BSPP, Male



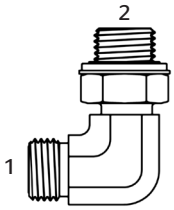
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 BPM
OFM04-BPM02	70737-0402	20471983	9/16-18	1/8-28
OFM04-BPM04	70737-0404	20471984	9/16-18	1/4-19
OFM06-BPM04	70737-0604	20471985	11/16-16	1/4-19
OFM06-BPM06	70737-0606	20471986	11/16-16	3/8-19
OFM06-BPM08	70737-0608	20471987	11/16-16	1/2-14
OFM08-BPM06	70737-0806	20471988	13/16-16	3/8-19
OFM08-BPM08	70737-0808	20471989	13/16-16	1/2-14
OFM10-BPM08	70737-1008	20471990	1-14	1/2-14
OFM12-BPM12	70737-1212	20471991	1 3/16-12	3/4-14
OFM12-BPM16	70737-1216	20471992	1 3/16-12	1-11
OFM16-BPM12	70737-1612	20471993	1 7/16-12	3/4-14
OFM16-BPM16	70737-1616	20471994	1 7/16-12	1-11
OFM20-BPM20	70737-2020	20471995	1 11/16-12	1 1/4-11
OFM24-BPM24	70737-2424	20471996	2-12	1 1/2-11

ORFS, Male – BSPP, Male, 45° Elbow



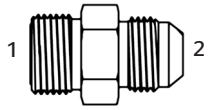
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 BPM
OFM04-BPM02-45	70738-0402	20472013	9/16-18	1/8-28
OFM04-BPM04-45	70738-0404	20472014	9/16-18	1/4-19
OFM06-BPM04-45	70738-0604	20472015	11/16-16	1/4-19
OFM06-BPM06-45	70738-0606	20472016	11/16-16	3/8-19
OFM08-BPM06-45	70738-0806	20472017	13/16-16	3/8-19
OFM08-BPM08-45	70738-0808	20472018	13/16-16	1/2-14
OFM10-BPM08-45	70738-1008	20472019	1-14	1/2-14

ORFS, Male – BSPP, Male, 90° Elbow



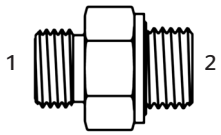
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 BPM
OFM04-BPM02-90	70739-0402	20471997	9/16-18	1/8-28
OFM04-BPM04-90	70739-0404	20471998	9/16-18	1/4-19
OFM06-BPM04-90	70739-0604	20471999	11/16-16	1/4-19
OFM06-BPM06-90	70739-0606	20472000	11/16-16	3/8-19
OFM06-BPM08-90	70739-0608	20472001	11/16-16	1/2-14
OFM08-BPM04-90	70739-0804	20472002	13/16-16	1/4-19
OFM08-BPM08-90	70739-0808	20472003	13/16-16	1/2-14
OFM10-BPM08-90	70739-1008	20472004	1-14	1/2-14
OFM12-BPM08-90	70739-1208	20472005	1 3/16-12	1/2-14
OFM12-BPM12-90	70739-1212	20472006	1 3/16-12	3/4-14
OFM12-BPM16-90	70739-1216	20472007	1 3/16-12	1-11
OFM16-BPM12-90	70739-1612	20472008	1 7/16-12	3/4-14
OFM16-BPM16-90	70739-1616	20472009	1 7/16-12	1-11
OFM16-BPM20-90	70739-1620	20472010	1 7/16-12	1 1/4-11
OFM20-BPM20-90	70739-2020	20472011	1 11/16-12	1 1/4-11
OFM24-BPM24-90	70739-2424	20472012	2-12	1 1/2-11

ORFS, Male – JIC 37°, Male



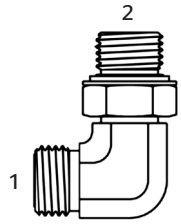
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 JCM
OFM04-JCM04	70740-0404	20281113	9/16-18	7/16-20
OFM06-JCM06	70740-0606	20281114	11/16-16	9/16-18
OFM08-JCM08	70740-0808	20281115	13/16-16	3/4-16
OFM10-JCM10	70740-1010	20281120	1-14	7/8-14
OFM12-JCM12	70740-1212	20281116	13/16-12	11/16-12
OFM16-JCM16	70740-1616	20281117	17/16-12	15/16-12
OFM20-JCM20	70740-2020	20281118	111/16-12	15/8-12
OFM24-JCM24	70740-2424	20281119	2-12	17/8-12

ORFS, Male – Metric Port, Male



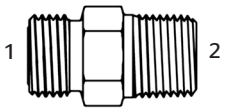
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 MPM
OFM04-MPM10X1.0	70742-0410	20472034	9/16-18	10 X 1.0
OFM06-MPM12X1.5	70742-0612	20472035	11/16-16	12 X 1.5
OFM06-MPM14X1.5	70742-0614	20472036	11/16-16	14 X 1.5
OFM06-MPM16X1.5	70742-0616	20472037	11/16-16	16 X 1.5
OFM08-MPM16X1.5	70742-0816	20472038	13/16-16	16 X 1.5
OFM08-MPM18X1.5-ISO6149	70742-0818	20472039	13/16-16	18 X 1.5
OFM10-MPM18X1.5	70742-1018	20472040	1-14	18 X 1.5
OFM10-MPM22X1.5	70742-1022	20472041	1-14	22 X 1.5
OFM12-MPM22X1.5	70742-1222	20472042	13/16-12	22 X 1.5
OFM12-MPM26X1.5	70742-1226	20472043	13/16-12	26 X 1.5
OFM12-MPM27X2.0	70742-1227	20472044	13/16-12	27 X 2.0
OFM16-MPM33X2.0	70742-1633	20472045	17/16-12	33 X 2.0

ORFS, Male – Metric Port, Male, 90° Elbow



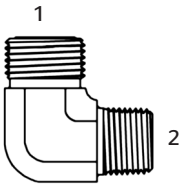
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 MPM
OFM04-MPM10X1.0-90	70743-0410	20472046	9/16-18	10 X 1.0
OFM06-MPM14X1.5-90	70743-0614	20472047	11/16-16	14 X 1.5
OFM06-MPM16X1.5-90	70743-0616	20472048	11/16-16	16 X 1.5
OFM08-MPM16X1.5-90	70743-0816	20472049	13/16-16	16 X 1.5
OFM08-MPM18X1.5-90	70743-0818	20472050	13/16-16	18 X 1.5
OFM10-MPM18X1.5-90	70743-1018	20472051	1-14	18 X 1.5
OFM10-MPM22X1.5-90	70743-1022	20472052	1-14	22 X 1.5
OFM16-MPM33X2.0-90	70743-1633	20472053	17/16-12	33 X 2.0
OFM20-MPM33X2.0-90	70743-2033	20472054	111/16-12	33 X 2.0

ORFS, Male – NPTF, Male



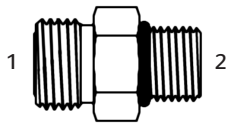
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 NPM
OFM04-NPM02	70744-0402	20281149	9/16-18	1/8-27
OFM04-NPM02-SS	70744-0402S	20465945	9/16-18	1/8-27
OFM04-NPM04	70744-0404	20281137	9/16-18	1/4-18
OFM04-NPM06	70744-0406	20281138	9/16-18	3/8-18
OFM04-NPM06-SS	70744-0406S	20465883	9/16-18	3/8-18
OFM04-NPM08	70744-0408	20281150	9/16-18	1/2-14
OFM06-NPM02	70744-0602	20281151	11/16-16	1/8-27
OFM06-NPM04	70744-0604	20281139	11/16-16	1/4-18
OFM06-NPM06	70744-0606	20281140	11/16-16	3/8-18
OFM06-NPM06-SS	70744-0606S	20465884	11/16-16	3/8-18
OFM06-NPM08	70744-0608	20281141	11/16-16	1/2-14
OFM06-NPM08-SS	70744-0608S	20465885	11/16-16	1/2-14
OFM08-NPM04	70744-0804	20281152	13/16-16	1/4-18
OFM08-NPM06	70744-0806	20281142	13/16-16	3/8-18
OFM08-NPM06-SS	70744-0806S	20466457	13/16-16	3/8-18
OFM08-NPM08	70744-0808	20281143	13/16-16	1/2-14
OFM08-NPM08-SS	70744-0808S	20465886	13/16-16	1/2-14
OFM08-NPM12	70744-0812	20281153	13/16-16	3/4-14
OFM08-NPM12-SS	70744-0812S	20465946	13/16-16	3/4-14
OFM08-NPM16	70744-0816	20281154	13/16-16	1-11½
OFM10-NPM08	70744-1008	20281144	1-14	1/2-14
OFM10-NPM08-SS	70744-1008S	20465887	1-14	1/2-14
OFM10-NPM12	70744-1012	20281155	1-14	3/4-14
OFM10-NPM16	70744-1016	20281156	1-14	1-11½
OFM12-NPM08	70744-1208	20281157	1 3/16-12	1/2-14
OFM12-NPM12	70744-1212	20281145	1 3/16-12	3/4-14
OFM12-NPM16	70744-1216	20281158	1 3/16-12	1-11½
OFM16-NPM12	70744-1612	20281159	1 7/16-12	3/4-14
OFM16-NPM16	70744-1616	20281146	1 7/16-12	1-11½
OFM16-NPM16-SS	70744-1616S	20465888	1 7/16-12	1-11½
OFM16-NPM20	70744-1620	20281147	1 7/16-12	1¼-11½
OFM20-NPM16	70744-2016	20281160	1 11/16-12	1-11½
OFM20-NPM20	70744-2020	20281148	1 11/16-12	1¼-11½
OFM24-NPM24	70744-2424	20281161	2-12	1½-11½

ORFS, Male – NPTF, Male, 90° Elbow



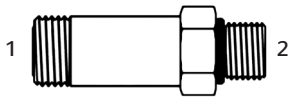
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 NPM
OFM04-NPM02-90	70747-0402	20281180	9/16-18	1/8-27
OFM04-NPM04-90	70747-0404	20281181	9/16-18	1/4-18
OFM04-NPM06-90	70747-0406	20281182	9/16-18	3/8-18
OFM04-NPM08-90	70747-0408	20281183	9/16-18	1/2-14
OFM06-NPM04-90	70747-0604	20281184	11/16-16	1/4-18
OFM06-NPM06-90	70747-0606	20281185	11/16-16	3/8-18
OFM06-NPM08-90	70747-0608	20281186	11/16-16	1/2-14
OFM08-NPM04-90	70747-0804	20281187	13/16-16	1/4-18
OFM08-NPM06-90	70747-0806	20281188	13/16-16	3/8-18
OFM08-NPM08-90	70747-0808	20281189	13/16-16	1/2-14
OFM08-NPM08-90-SS	70747-0808S	20465890	13/16-16	1/2-14
OFM08-NPM12-90	70747-0812	20281190	13/16-16	3/4-14
OFM10-NPM08-90	70747-1008	20281191	1-14	1/2-14
OFM10-NPM12-90	70747-1012	20281192	1-14	3/4-14
OFM10-NPM16-90	70747-1016	20281193	1-14	1-11½
OFM12-NPM08-90	70747-1208	20281194	1 3/16-12	1/2-14
OFM12-NPM12-90	70747-1212	20281195	1 3/16-12	3/4-14
OFM12-NPM16-90	70747-1216	20281196	1 3/16-12	1-11½
OFM16-NPM12-90	70747-1612	20281197	1 7/16-12	3/4-14
OFM16-NPM16-90	70747-1616	20281198	1 7/16-12	1-11½
OFM20-NPM16-90	70747-2016	20281199	1 11/16-12	1-11½
OFM20-NPM20-90	70747-2020	20281200	1 11/16-12	1¼-11½
OFM24-NPM24-90	70747-2424	20281179	2-12	1½-11½

ORFS, Male – OR Boss, Male



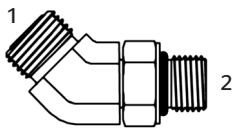
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 OBM
OFM04-OBM04	70750-0404	20281253	9/16-18	7/16-20
OFM04-OBM04-SS	70750-0404S	20466458	9/16-18	7/16-20
OFM04-OBM06	70750-0406	20281254	9/16-18	9/16-18
OFM04-OBM08	70750-0408	20281255	9/16-18	3/4-16
OFM06-OBM04	70750-0604	20281256	11/16-16	7/16-20
OFM06-OBM06	70750-0606	20281257	11/16-16	9/16-18
OFM06-OBM06-SS	70750-0606S	20466459	11/16-16	9/16-18
OFM06-OBM08	70750-0608	20281258	11/16-16	3/4-16
OFM06-OBM08-SS	70750-0608S	20466460	11/16-16	3/4-16
OFM06-OBM10	70750-0610	20281259	11/16-16	7/8-14
OFM06-OBM12	70750-0612	20281260	11/16-16	1 1/16-12
OFM08-OBM06	70750-0806	20281261	13/16-16	9/16-18
OFM08-OBM06-SS	70750-0806S	20465897	13/16-16	9/16-18
OFM08-OBM08	70750-0808	20281262	13/16-16	3/4-16
OFM08-OBM08-SS	70750-0808S	20466461	13/16-16	3/4-16
OFM08-OBM10	70750-0810	20281263	13/16-16	7/8-14
OFM08-OBM12	70750-0812	20281264	13/16-16	1 1/16-12
OFM08-OBM16	70750-0816	20281249	13/16-16	1 5/16-12
OFM10-OBM08	70750-1008	20281265	1-14	3/4-16
OFM10-OBM10	70750-1010	20281266	1-14	7/8-14
OFM10-OBM12	70750-1012	20281267	1-14	1 1/16-12
OFM12-OBM08	70750-1208	20281268	1 3/16-12	3/4-16
OFM12-OBM10	70750-1210	20281269	1 3/16-12	7/8-14
OFM12-OBM12	70750-1212	20281270	1 3/16-12	1 1/16-12
OFM12-OBM12-SS	70750-1212S	20466462	1 3/16-12	1 1/16-12
OFM12-OBM16	70750-1216	20281271	1 3/16-12	1 5/16-12
OFM16-OBM12	70750-1612	20281272	1 7/16-12	1 1/16-12
OFM16-OBM16	70750-1616	20281273	1 7/16-12	1 5/16-12
OFM16-OBM20	70750-1620	20281274	1 7/16-12	1 5/8-12
OFM16-OBM24	70750-1624	20281250	1 7/16-12	1 7/8-12
OFM20-OBM16	70750-2016	20281275	1 11/16-12	1 5/16-12
OFM20-OBM20	70750-2020	20281276	1 11/16-12	1 5/8-12
OFM20-OBM24	70750-2024	20281251	1 11/16-12	1 7/8-12
OFM24-OBM20	70750-2420	20281252	2-12	1 5/8-12
OFM24-OBM24	70750-2424	20281277	2-12	1 7/8-12

ORFS, Male – OR Boss, Male, Long



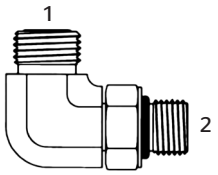
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 OBM
OFM04-OBM04-L	70751-0404	20281278	9/16-18	7/16-20
OFM06-OBM04-L	70751-0604	20281279	11/16-16	7/16-20
OFM06-OBM06-L	70751-0606	20281285	11/16-16	9/16-18
OFM06-OBM08-L	70751-0608	20281280	11/16-16	3/4-16
OFM08-OBM08-L	70751-0808	20281286	13/16-16	3/4-16
OFM10-OBM10-L	70751-1010	20281281	1-14	7/8-14
OFM12-OBM12-L	70751-1212	20281287	1 3/16-12	1 1/16-12
OFM16-OBM16-L	70751-1616	20281282	1 7/16-12	1 5/16-12
OFM20-OBM20-L	70751-2020	20281283	1 11/16-12	1 5/8-12
OFM24-OBM24-L	70751-2424	20281284	2-12	1 7/8-12

ORFS, Male – OR Boss, Male, 45° Elbow



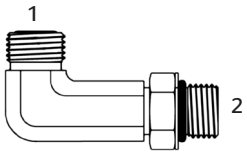
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 OBM
OFM04-OBM03-45	70753-0403	20281367	9/16-18	3/8-24
OFM04-OBM04-45	70753-0404	20281368	9/16-18	7/16-20
OFM04-OBM06-45	70753-0406	20281369	9/16-18	9/16-18
OFM06-OBM04-45	70753-0604	20281370	11/16-16	7/16-20
OFM06-OBM06-45	70753-0606	20281371	11/16-16	9/16-18
OFM06-OBM08-45	70753-0608	20281372	11/16-16	3/4-16
OFM06-OBM10-45	70753-0610	20281373	11/16-16	7/8-14
OFM08-OBM06-45	70753-0806	20281374	13/16-16	9/16-18
OFM08-OBM08-45	70753-0808	20281375	13/16-16	3/4-16
OFM08-OBM10-45	70753-0810	20281376	13/16-16	7/8-14
OFM08-OBM12-45	70753-0812	20281377	13/16-16	1 1/16-12
OFM10-OBM08-45	70753-1008	20281378	1-14	3/4-16
OFM10-OBM10-45	70753-1010	20281379	1-14	7/8-14
OFM10-OBM12-45	70753-1012	20281380	1-14	1 1/16-12
OFM12-OBM08-45	70753-1208	20281381	1 3/16-12	3/4-16
OFM12-OBM10-45	70753-1210	20281382	1 3/16-12	7/8-14
OFM12-OBM12-45	70753-1212	20281383	1 3/16-12	1 1/16-12
OFM12-OBM16-45	70753-1216	20281384	1 3/16-12	1 5/16-12
OFM16-OBM12-45	70753-1612	20281385	1 7/16-12	1 1/16-12
OFM16-OBM16-45	70753-1616	20281386	1 7/16-12	1 5/16-12
OFM16-OBM20-45	70753-1620	20281387	1 7/16-12	1 5/8-12
OFM20-OBM20-45	70753-2020	20281388	1 11/16-12	1 5/8-12
OFM24-OBM24-45	70753-2424	20281389	2-12	1 7/8-12

ORFS, Male – OR Boss, Male, 90° Elbow



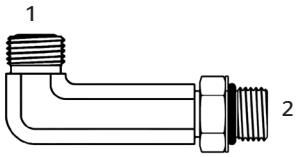
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 OBM
OFM04-OBM03-90	70755-0403	20281324	9/16-18	3/8-24
OFM04-OBM04-90	70755-0404	20281325	9/16-18	7/16-20
OFM04-OBM04-90-SS	70755-0404S	20466464	9/16-18	7/16-20
OFM04-OBM06-90	70755-0406	20281326	9/16-18	9/16-18
OFM04-OBM08-90	70755-0408	20281327	9/16-18	3/4-16
OFM06-OBM04-90	70755-0604	20281328	11/16-16	7/16-20
OFM06-OBM04-90-SS	70755-0604S	20465898	11/16-16	7/16-20
OFM06-OBM05-90	70755-0605	20281329	11/16-16	1/2-20
OFM06-OBM06-90	70755-0606	20281330	11/16-16	9/16-18
OFM06-OBM06-90-SS	70755-0606S	20466465	11/16-16	9/16-18
OFM06-OBM08-90	70755-0608	20281331	11/16-16	3/4-16
OFM06-OBM10-90	70755-0610	20281332	11/16-16	7/8-14
OFM06-OBM12-90	70755-0612	20281333	11/16-16	1 1/16-12
OFM06-OBM16-90	70755-0616	20281334	11/16-16	1 5/16-12
OFM08-OBM06-90	70755-0806	20281335	13/16-16	9/16-18
OFM08-OBM06-90-SS	70755-0806S	20465947	13/16-16	9/16-18
OFM08-OBM08-90	70755-0808	20281336	13/16-16	3/4-16
OFM08-OBM08-90-SS	70755-0808S	20466466	13/16-16	3/4-16
OFM08-OBM10-90	70755-0810	20281337	13/16-16	7/8-14
OFM08-OBM12-90	70755-0812	20281338	13/16-16	1 1/16-12
OFM10-OBM08-90	70755-1008	20281339	1-14	3/4-16
OFM10-OBM10-90	70755-1010	20281340	1-14	7/8-14
OFM10-OBM12-90	70755-1012	20281341	1-14	1 1/16-12
OFM12-OBM08-90	70755-1208	20281342	1 3/16-12	3/4-16
OFM12-OBM10-90	70755-1210	20281343	1 3/16-12	7/8-14
OFM12-OBM12-90	70755-1212	20281344	1 3/16-12	1 1/16-12
OFM12-OBM12-90-SS	70755-1212S	20466467	1 3/16-12	1 1/16-12
OFM12-OBM16-90	70755-1216	20281345	1 3/16-12	1 5/16-12
OFM16-OBM12-90	70755-1612	20281346	1 7/16-12	1 1/16-12
OFM16-OBM14-90	70755-1614	20281347	1 7/16-12	1 3/16-12
OFM16-OBM16-90	70755-1616	20281348	1 7/16-12	1 5/16-12
OFM16-OBM20-90	70755-1620	20281349	1 7/16-12	1 5/8-12
OFM20-OBM12-90	70755-2012	20281350	1 11/16-12	1 1/16-12
OFM20-OBM16-90	70755-2016	20281351	1 11/16-12	1 5/16-12
OFM20-OBM20-90	70755-2020	20281352	1 11/16-12	1 5/8-12
OFM20-OBM24-90	70755-2024	20281353	1 11/16-12	1 7/8-12
OFM24-OBM20-90	70755-2420	20281354	2-12	1 5/8-12
OFM24-OBM24-90	70755-2424	20281355	2-12	1 7/8-12

ORFS, Male – OR Boss, Male, 90° Elbow, Long



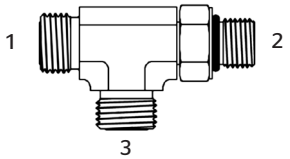
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 OBM
OFM08-OBM08-90-L	70756-0808	20281356	13/16-16	3/4-16
OFM12-OBM12-90-L	70756-1212	20281357	1 3/16-12	1 1/16-12
OFM16-OBM16-90-L	70756-1616	20281358	1 7/16-12	1 5/16-12
OFM20-OBM20-90-L	70756-2020	20281359	1 11/16-12	1 5/8-12
OFM24-OBM24-90-L	70756-2424	20281360	2-12	1 7/8-12

ORFS, Male – OR Boss, Male, 90° Elbow, Extra Long



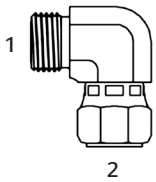
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 OBM
OFM04-OBM04-90-XL	70757-0404	20281361	9/16-18	7/16-20
OFM06-OBM06-90-XL	70757-0606	20281362	11/16-16	9/16-18
OFM08-OBM08-90-XL	70757-0808	20281363	13/16-16	3/4-16
OFM10-OBM10-90-XL	70757-1010	20281364	1-14	7/8-14
OFM12-OBM12-90-XL	70757-1212	20281365	1 3/16-12	1 1/16-12
OFM16-OBM16-90-XL	70757-1616	20281366	1 7/16-12	1 5/16-12

ORFS, Male – OR Boss, Male – ORFS Male Tee



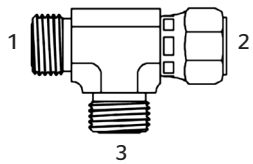
Descriptive #	Product #	SAP #	Thread Size 1 & 3 OFM	Thread Size 2 OBM
OFM04-OBM04-OFM04	70760-0404	20281398	9/16-18	7/16-20
OFM06-OBM06-OFM06	70760-0606	20281399	11/16-16	9/16-18
OFM08-OBM08-OFM08	70760-0808	20281400	13/16-16	3/4-16
OFM10-OBM10-OFM10	70760-1010	20281401	1-14	7/8-14
OFM12-OBM12-OFM12	70760-1212	20281402	13/16-12	11/16-12
OFM16-OBM16-OFM16	70760-1616	20281403	17/16-12	15/16-12
OFM20-OBM20-OFM20	70760-2020	20281404	111/16-12	15/8-12
OFM24-OBM24-OFM24	70760-2424	20281405	2-12	17/8-12

ORFS, Male – ORFS, Female, Swivel, 90° Elbow



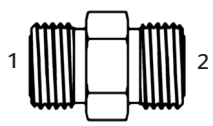
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 OFF
OFM04-OFFX04-90	70764-0404	20281288	9/16-18	9/16-18
OFM04-OFFX06-90	70764-0406	20281289	9/16-18	11/16-16
OFM06-OFFX06-90	70764-0606	20281290	11/16-16	11/16-16
OFM08-OFFX06-90	70764-0806	20281291	13/16-16	11/16-16
OFM08-OFFX08-90	70764-0808	20281292	13/16-16	13/16-16
OFM08-OFFX12-90	70764-0812	20281293	13/16-16	13/16-12
OFM10-OFFX10-90	70764-1010	20281294	1-14	1-14
OFM12-OFFX12-90	70764-1212	20281295	13/16-12	13/16-12
OFM16-OFFX16-90	70764-1616	20281296	17/16-12	17/16-12
OFM20-OFFX20-90	70764-2020	20281297	111/16-12	111/16-12
OFM24-OFFX20-90	70764-2420	20281298	2-12	111/16-12
OFM24-OFFX24-90	70764-2424	20281299	2-12	2-12

ORFS, Male – ORFS, Female, Swivel – ORFS, Male Tee



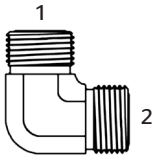
Descriptive #	Product #	SAP #	Thread Size 1 & 3 OFM	Thread Size 2 OFF
OFM04-OFFX04-OFM04	70767-0404	20281316	9/16-18	9/16-18
OFM06-OFFX06-OFM06	70767-0606	20281317	11/16-16	11/16-16
OFM06-OFFX06-OFM06-SS	70767-0606S	20466463	11/16-16	11/16-16
OFM08-OFFX08-OFM08	70767-0808	20281318	13/16-16	13/16-16
OFM10-OFFX10-OFM10	70767-1010	20281319	1-14	1-14
OFM12-OFFX12-OFM12	70767-1212	20281320	13/16-12	13/16-12
OFM16-OFFX16-OFM16	70767-1616	20281321	17/16-12	17/16-12
OFM20-OFFX20-OFM20	70767-2020	20281322	111/16-12	111/16-12
OFM24-OFFX24-OFM24	70767-2424	20281323	2-12	2-12

ORFS, Male – ORFS, Male



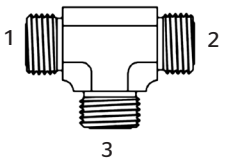
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 OFM
OFM04-OFM04	70770-0404	20281121	9/16-18	9/16-18
OFM06-OFM04	70770-0604	20281122	11/16-16	9/16-18
OFM06-OFM06	70770-0606	20281123	11/16-16	11/16-16
OFM08-OFM06	70770-0806	20281124	13/16-16	11/16-16
OFM08-OFM08	70770-0808	20281125	13/16-16	13/16-16
OFM08-OFM08-SS	70770-0808S	20465882	13/16-16	13/16-16
OFM10-OFM08	70770-1008	20281127	1-14	13/16-16
OFM10-OFM10	70770-1010	20281128	1-14	1-14
OFM12-OFM08	70770-1208	20281126	13/16-12	13/16-16
OFM12-OFM10	70770-1210	20281129	13/16-12	1-14
OFM12-OFM12	70770-1212	20281130	13/16-12	13/16-12
OFM12-OFM12-SS	70770-1212S	20466456	13/16-12	13/16-12
OFM16-OFM12	70770-1612	20281131	17/16-12	13/16-12
OFM16-OFM16	70770-1616	20281132	17/16-12	17/16-12
OFM20-OFM16	70770-2016	20281133	111/16-12	17/16-12
OFM20-OFM20	70770-2020	20281134	111/16-12	111/16-12
OFM24-OFM20	70770-2420	20281135	2-12	111/16-12
OFM24-OFM24	70770-2424	20281136	2-12	2-12

ORFS, Male – ORFS, Male, 90° Elbow



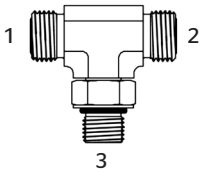
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 OFM
OFM04-OFM04-90	70774-0404	20281170	9/16-18	9/16-18
OFM06-OFM04-90	70774-0604	20281171	11/16-16	9/16-18
OFM06-OFM06-90	70774-0606	20281172	11/16-16	11/16-16
OFM08-OFM08-90	70774-0808	20281173	13/16-16	13/16-16
OFM08-OFM08-90-SS	70774-0808S	20465889	13/16-16	13/16-16
OFM10-OFM10-90	70774-1010	20281174	1-14	1-14
OFM12-OFM12-90	70774-1212	20281175	13/16-12	13/16-12
OFM16-OFM16-90	70774-1616	20281176	17/16-12	17/16-12
OFM20-OFM20-90	70774-2020	20281177	111/16-12	111/16-12
OFM24-OFM24-90	70774-2424	20281178	2-12	2-12

ORFS, Male – ORFS, Male – BSPP, Male Tee



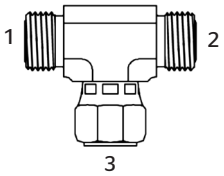
Descriptive #	Product #	SAP #	Thread Size 1 & 2 OFM	Thread Size 3 BPM
OFM04-OFM04-BPM02	70775-0402	20472028	9/16-18	1/8-28
OFM04-OFM04-BPM04	70775-0404	20472029	9/16-18	1/4-19
OFM06-OFM06-BPM04	70775-0604	20472030	11/16-16	1/4-19
OFM08-OFM08-BPM06	70775-0806	20472031	13/16-16	3/8-19
OFM08-OFM08-BPM08	70775-0808	20472032	13/16-16	1/2-14
OFM10-OFM10-BPM08	70775-1008	20472033	1-14	1/2-14

ORFS, Male – ORFS, Male – OR Boss, Male Tee



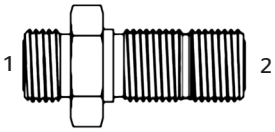
Descriptive #	Product #	SAP #	Thread Size 1 & 2 OFM	Thread Size 3 OBM
OFM04-OFM04-OBM04	70777-0404	20281390	9/16-18	7/16-20
OFM06-OFM06-OBM06	70777-0606	20281391	11/16-16	9/16-18
OFM08-OFM08-OBM08	70777-0808	20281392	13/16-16	3/4-16
OFM10-OFM10-OBM10	70777-1010	20281393	1-14	7/8-14
OFM12-OFM12-OBM12	70777-1212	20281394	13/16-12	11/16-12
OFM16-OFM16-OBM16	70777-1616	20281395	17/16-12	15/16-12
OFM20-OFM20-OBM20	70777-2020	20281396	111/16-12	15/8-12
OFM24-OFM24-OBM24	70777-2424	20281397	2-12	17/8-12

ORFS, Male – ORFS, Male – ORFS, Female, Swivel Tee



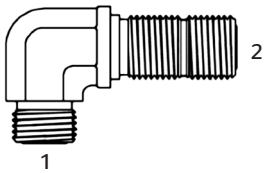
Descriptive #	Product #	SAP #	Thread Size 1 & 2 OFM	Thread Size 3 OFF
OFM04-OFM04-OFFX04	70780-0404	20281308	9/16-18	9/16-18
OFM06-OFM06-OFFX06	70780-0606	20281309	11/16-16	11/16-16
OFM08-OFM08-OFFX08	70780-0808	20281310	13/16-16	13/16-16
OFM10-OFM10-OFFX10	70780-1010	20281311	1-14	1-14
OFM12-OFM12-OFFX12	70780-1212	20281312	13/16-12	13/16-12
OFM16-OFM16-OFFX16	70780-1616	20281313	17/16-12	17/16-12
OFM20-OFM20-OFFX20	70780-2020	20281314	111/16-12	111/16-12
OFM24-OFM24-OFFX24	70780-2424	20281315	2-12	2-12

ORFS, Male – ORFS, Male, Bulkhead



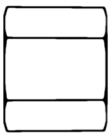
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 OFMB
OFM04-OFMB04	70782-0404	20281202	9/16-18	9/16-18
OFM06-OFMB06	70782-0606	20281203	11/16-16	11/16-16
OFM08-OFMB08	70782-0808	20281204	13/16-16	13/16-16
OFM08-OFMB08-SS	70782-0808S	20465891	13/16-16	13/16-16
OFM10-OFMB10	70782-1010	20281205	1-14	1-14
OFM12-OFMB12	70782-1212	20281206	1 3/16-12	1 3/16-12
OFM16-OFMB16	70782-1616	20281207	1 7/16-12	1 7/16-12
OFM20-OFMB20	70782-2020	20281208	1 11/16-12	1 11/16-12
OFM24-OFMB24	70782-2424	20281201	2-12	2-12

ORFS, Male – ORFS, Male, Bulkhead, 90° Elbow



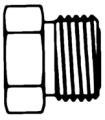
Descriptive #	Product #	SAP #	Thread Size 1 OFM	Thread Size 2 OFMB
OFM04-OFMB04-90	70784-0404	20281209	9/16-18	9/16-18
OFM06-OFMB06-90	70784-0606	20281210	11/16-16	11/16-16
OFM08-OFMB08-90	70784-0808	20281211	13/16-16	13/16-16
OFM10-OFMB10-90	70784-1010	20281212	1-14	1-14
OFM12-OFMB12-90	70784-1212	20281213	1 3/16-12	1 3/16-12
OFM16-OFMB16-90	70784-1616	20281214	1 7/16-12	1 7/16-12
OFM20-OFMB20-90	70784-2020	20281215	1 11/16-12	1 11/16-12
OFM24-OFMB24-90	70784-2424	20281216	2-12	2-12

ORFS, Tube Nut



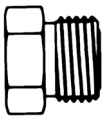
Descriptive #	Product #	SAP #	Tube OD	Thread Size OFF
OFTN04	70788-0004	20281233	1/4	9/16-18
OFTN06	70788-0006	20281234	3/8	11/16-16
OFTN08	70788-0008	20281235	1/2	13/16-16
OFTN08-SS	70788-0008S	20465892	1/2	13/16-16
OFTN10	70788-0010	20281236	5/8	1-14
OFTN12	70788-0012	20281237	3/4	1 3/16-12
OFTN12-SS	70788-0012S	20465893	3/4	1 3/16-12
OFTN16	70788-0016	20281238	1	1 7/16-12
OFTN20	70788-0020	20281239	1 1/4	1 11/16-12
OFTN24	70788-0024	20281240	1 1/2	2-12

ORFS, Plug



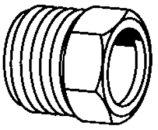
Descriptive #	Product #	SAP #	Thread Size OFM
OFP04	70786-0004	20281162	9/16-18
OFP06	70786-0006	20281163	11/16-16
OFP08	70786-0008	20281164	13/16-16
OFP10	70786-0010	20281165	1-14
OFP12	70786-0012	20281166	1 3/16-12
OFP16	70786-0016	20281167	1 7/16-12
OFP20	70786-0020	20281168	1 11/16-12
OFP24	70786-0024	20281169	2-12

ORFS, Plug



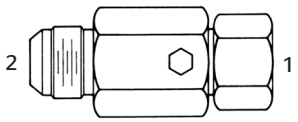
Descriptive #	Product #	SAP #	Thread Size OFM
OFP04	70786-0004	20281162	9/16-18
OFP06	70786-0006	20281163	11/16-16
OFP08	70786-0008	20281164	13/16-16
OFP10	70786-0010	20281165	1-14
OFP12	70786-0012	20281166	1 3/16-12
OFP16	70786-0016	20281167	1 7/16-12
OFP20	70786-0020	20281168	1 11/16-12
OFP24	70786-0024	20281169	2-12

SAE 45° Inverted, Male Nut – Steel



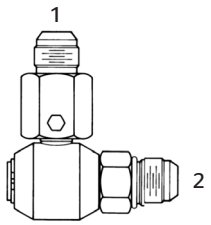
Descriptive #	Product #	SAP #	Thread Size SIM
SIMN02	70800-0002	20540460	5/16-28
SIMN03	70800-0003	20540449	3/8-24
SIMN04	70800-0004	20540448	7/16-24
SIMN05	70800-0005	20540447	1/2-20
SIMN06	70800-0006	20540446	5/8-18
SIMN10	70800-0010	20540445	7/8-18

Live Swivel – JIC 37°, Female – JIC 37°, Male, Reducer/Expander



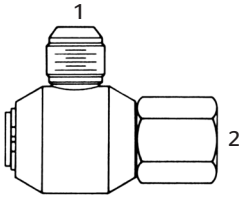
Descriptive #	Product #	SAP #	Thread Size 1 JCF	Thread Size 2 JCM
LS-JCF06-JCMRE06	71000-0606	20473993	9/16-18	9/16-18
LS-JCF08-JCMRE08	71000-0808	20473994	3/4-16	3/4-16
LS-JCF10-JCMRE10	71000-1010	20473995	7/8-14	7/8-14
LS-JCF12-JCMRE12	71000-1212	20473996	1 1/16 -12	1 1/16 -12
LS-JCF14-JCMRE14	71000-1414	20473997	1 3/16 -12	1 3/16 -12
LS-JCF16-JCMRE16	71000-1616	20473998	1 5/16 -12	1 5/16 -12
LS-JCF20-JCMRE20	71000-2020	20473999	1 5/8 -12	1 5/8 -12
LS-JCF24-JCMRE24	71000-2424	20474000	1 7/8 -12	1 7/8 -12
LS-JCF32-JCMRE32	71000-3232	20474001	2 1/2 -12	2 1/2-12

Dual Live Swivel – JIC 37°, Male – JIC 37°, Male, 90° Elbow



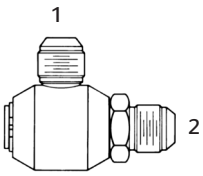
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 JCM
LSS-JCM12-JCM12-90	71020-1212	20474088	1 1/16 -12	1 1/16 -12
LSS-JCM16-JCM16-90	71020-1616	20474089	1 5/16 -12	1 5/16 -12

Live Swivel – JIC 37°, Male – NPTF, Female, 90° Elbow



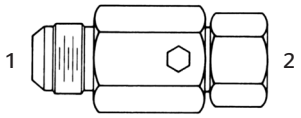
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPF
LS-JCM06-NPF04-90	71040-0604	20474018	9/16-18	1/4-18
LS-JCM06-NPF06-90	71040-0606	20474019	9/16-18	3/8-18
LS-JCM08-NPF06-90	71040-0806	20474020	3/4-16	3/8-18
LS-JCM08-NPF08-90	71040-0808	20474021	3/4-16	1/2-14
LS-JCM10-NPF08-90	71040-1008	20474022	7/8-14	1/2-14
LS-JCM12-NPF12-90	71040-1212	20474023	1 1/16 -12	3/4-14
LS-JCM16-NPF16-90	71040-1616	20474024	1 5/16 -12	1-11 1/2
LS-JCM20-NPF20-90	71040-2020	20474025	1 5/8 -12	1 1/4 -11 1/2
LS-JCM24-NPF24-90	71040-2424	20474026	1 7/8 -12	1 1/2-11 1/2
LS-JCM32-NPF32-90	71040-3232	20474027	2 1/2 -12	2-11 1/2

Live Swivel – JIC 37°, Male – JIC 37°, Male, 90° Elbow



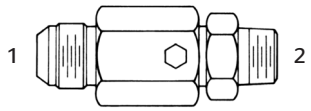
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 JCM
LS-JCM06-JCM06-90	71010-0606	20474002	9/16-18	9/16-18
LS-JCM08-JCM08-90	71010-0808	20474003	3/4-16	3/4-16
LS-JCM10-JCM10-90	71010-1010	20474004	7/8-14	7/8-14
LS-JCM12-JCM12-90	71010-1212	20474005	1 1/16-12	1 1/16 -12
LS-JCM16-JCM16-90	71010-1616	20474006	1 5/16 -12	1 5/16 -12
LS-JCM20-JCM20-90	71010-2020	20474007	1 5/8-12	1 5/8 -12

Live Swivel – JIC 37°, Male – NPTF, Female



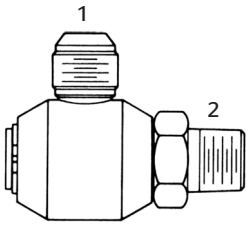
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPF
LS-JCM06-NPF04	71030-0604	20473986	9/16-18	1/4-18
LS-JCM06-NPF06	71030-0606	20473987	9/16-18	3/8-18
LS-JCM08-NPF06	71030-0806	20473988	3/4-16	3/8-18
LS-JCM10-NPF08	71030-1008	20473989	7/8-14	1/2-14
LS-JCM12-NPF12	71030-1212	20473990	1 1/16 -12	3/4-14
LS-JCM16-NPF16	71030-1616	20473991	1 5/16 -12	1-11 1/2
LS-JCM20-NPF20	71030-2020	20473992	1 5/8 -12	1 1/4 -11 1/2

Live Swivel – JIC 37°, Male – NPTF, Male



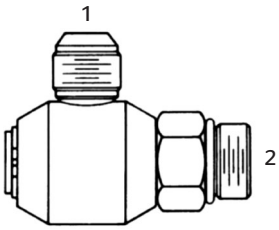
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPM
LS-JCM06-NPM04	71050-0604	20473977	9/16-18	1/4-18
LS-JCM06-NPM06	71050-0606	20473978	9/16-18	3/8-18
LS-JCM08-NPM06	71050-0806	20473979	3/4-16	3/8-18
LS-JCM08-NPM08	71050-0808	20473980	3/4-16	1/2-14
LS-JCM10-NPM08	71050-1008	20473981	7/8-14	1/2-14
LS-JCM12-NPM12	71050-1212	20473982	1 1/16 -12	3/4-14
LS-JCM16-NPM16	71050-1616	20473983	1 5/16 -12	1-11 1/2
LS-JCM20-NPM20	71050-2020	20473984	1 5/8 -12	1 1/4 -11 1/2
LS-JCM24-NPM24	71050-2424	20473985	1 7/8 -12	1 1/2-11 1/2

Live Swivel – JIC 37°, Male – NPTF, Male, 90° Elbow



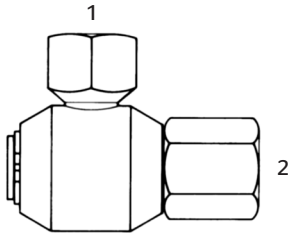
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size NPM
LS-JCM06-NPM04-90	71060-0604	20474008	9/16-18	1/4-18
LS-JCM06-NPM06-90	71060-0606	20474009	9/16-18	3/8-18
LS-JCM08-NPM06-90	71060-0806	20474010	3/4-16	3/8-18
LS-JCM08-NPM08-90	71060-0808	20474011	3/4-16	1/2-14
LS-JCM10-NPM08-90	71060-1008	20474012	7/8-14	1/2-14
LS-JCM12-NPM12-90	71060-1212	20474013	1 1/16 -12	3/4-14
LS-JCM16-NPM16-90	71060-1616	20474014	1 5/16 -12	1-11 1/2
LS-JCM20-NPM20-90	71060-2020	20474015	1 5/8 -12	1 1/4-11 1/2
LS-JCM24-NPM24-90	71060-2424	20474016	1 7/8 -12	1 1/2-11 1/2
LS-JCM32-NPM32-90	71060-3232	20474017	2 1/2 -12	2-11 1/2

Live Swivel – JIC 37°, Male – OR Boss, Male, 90° Elbow



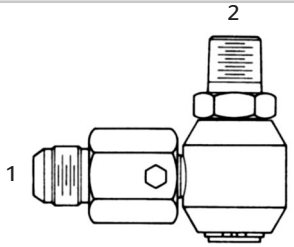
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 OBM
LS-JCM06-OBM06-90	71080-0606	20474067	9/16-18	9/16-18
LS-JCM06-OBM08-90	71080-0608	20474068	9/16-18	3/4-16
LS-JCM08-OBM08-90	71080-0808	20474069	3/4-16	3/4-16
LS-JCM10-OBM10-90	71080-1010	20474070	7/8-14	7/8-14
LS-JCM12-OBM12-90	71080-1212	20474071	1 1/16 -12	1 1/16 -12
LS-JCM16-OBM16-90	71080-1616	20474072	1 5/16 -12	1 5/16 -12
LS-JCM20-OBM20-90	71080-2020	20474073	1 5/8 -12	1 5/8 -12
LS-JCM32-OBM32-90	71080-3232	20474074	2 1/2 -12	2 1/2 -12

Live Swivel – NPTF, Female – NPTF, Female, 90° Elbow



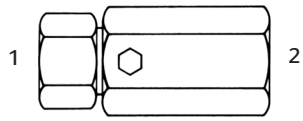
Descriptive #	Product #	SAP #	Thread Size 1 NPF	Thread Size 2 NPF
LS-NPF04-NPF04-90	71100-0404	20474059	1/4-18	1/4-18
LS-NPF06-NPF06-90	71100-0606	20474060	3/8-18	3/8-18
LS-NPF08-NPF08-90	71100-0808	20474061	1/2-14	1/2-14
LS-NPF12-NPF12-90	71100-1212	20474062	3/4-14	3/4-14
LS-NPF16-NPF16-90	71100-1616	20474063	1-11½	1-11½
LS-NPF20-NPF20-90	71100-2020	20474064	1¼ -11½	1¼ -11½
LS-NPF24-NPF24-90	71100-2424	20474065	1½ -11½	1½-11½
LS-NPF32-NPF32-90	71100-3232	20474066	2-11½	2-11½

Dual Live Swivel – JIC 37°, Male – NPTF, Male, 90° Elbow



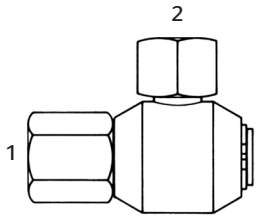
Descriptive #	Product #	SAP #	Thread Size 1 JCM	Thread Size 2 NPM
LSS-JCM06-NPM04-90	71070-0604	20474090	9/16-18	1/4-18
LSS-JCM08-NPM06-90	71070-0806	20474091	3/4-16	3/8-18
LSS-JCM10-NPM08-90	71070-1008	20474092	7/8-14	1/2-14
LSS-JCM12-NPM12-90	71070-1212	20474093	1 1/16 -12	3/4-14
LSS-JCM16-NPM16-90	71070-1616	20474094	1 5/16 -12	1-11½
LSS-JCM20-NPM20-90	71070-2020	20474095	1⅝ -12	1¼ -11½

Live Swivel – NPTF, Female – NPTF, Female



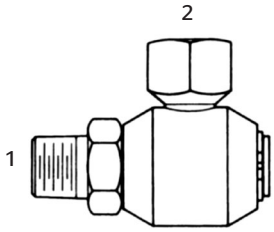
Descriptive #	Product #	SAP #	Thread Size 1 NPF	Thread Size 2 NPF
LS-NPF04-NPF04	71090-0404	20474028	1/4-18	1/4-18
LS-NPF06-NPF06	71090-0606	20474029	3/8-18	3/8-18
LS-NPF08-NPF08	71090-0808	20474030	1/2-14	1/2-14
LS-NPF12-NPF12	71090-1212	20474031	3/4-14	3/4-14
LS-NPF16-NPF16	71090-1616	20474032	1-11½	1-11½
LS-NPF20-NPF20	71090-2020	20474033	1¼ -11½	1¼-11½
LS-NPF24-NPF24	71090-2424	20474034	1½ -11½	1½ -11½
LS-NPF32-NPF32	71090-3232	20474035	2-11½	2-11½

Live Swivel – NPTF, Female – NPSM, Female Swivel, 90° Elbow



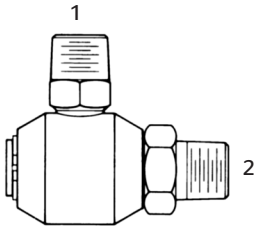
Descriptive #	Product #	SAP #	Thread Size 1 NPF	Thread Size 2 NSF
LS-NPF04-NSFX04-90	71110-0404	20473968	1/4-18	1/4-18
LS-NPF06-NSFX04-90	71110-0604	20473969	3/8-18	1/4-18
LS-NPF06-NSFX06-90	71110-0606	20473970	3/8-18	3/8-18
LS-NPF08-NSFX08-90	71110 0808	20473971	1/2-14	1/2-14
LS-NPF12-NSFX12-90	71110-1212	20473972	3/4-14	3/4-14
LS-NPF16-NSFX16-90	71110-1616	20473973	1-11½	1-11½
LS-NPF20-NSFX20-90	71110-2020	20473974	1¼ -11½	1¼ -11½
LS-NPF24-NSFX24-90	71110-2424	20473975	1½ -11½	1½ -11½
LS-NPF32-NSFX32-90	71110-3232	20473976	2-11½	2-11½

Live Swivel – NPTF, Male – NPTF, Female, 90° Elbow



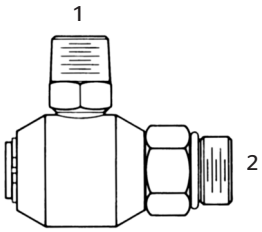
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPF
LS-NPM04-NPF04-90	71120-0404	20474049	1/4-18	1/4-18
LS-NPM04-NPF06-90	71120-0406	20474050	1/4-18	3/8-18
LS-NPM06-NPF04-90	71120-0604	20474051	3/8-18	1/4-18
LS-NPM06-NPF06-90	71120-0606	20474052	3/8-18	3/8-18
LS-NPM08-NPF08-90	71120-0808	20474053	1/2-14	1/2-14
LS-NPM12-NPF12-90	71120-1212	20474054	3/4-14	3/4-14
LS-NPM16-NPF16-90	71120-1616	20474055	1-11½	1-11½
LS-NPM20-NPF20-90	71120-2020	20474056	1¼ -11½	1¼ -11½
LS-NPM24-NPF24-90	71120-2424	20474057	1½-11½	1½ -11½
LS-NPM32-NPF32-90	71120-3232	20474058	2-11½	2-11½

Live Swivel – NPTF, Male – NPTF, Male, 90° Elbow



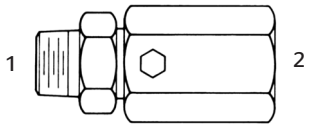
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPM
LS-NPM04-NPM04-90	71140-0404	20474044	1/4-18	1/4-18
LS-NPM06-NPM06-90	71140-0606	20474045	3/8-18	3/8-18
LS-NPM08-NPM08-90	71140-0808	20474046	1/2-14	1/2-14
LS-NPM12-NPM12-90	71140-1212	20474047	3/4-14	3/4-14
LS-NPM16-NPM16-90	71140-1616	20474048	1-11½	1-11½

Live Swivel – NPTF, Male – OR Boss, Male, 90° Elbow



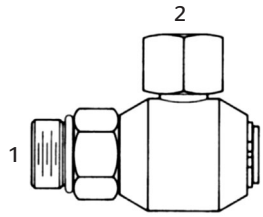
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 OBM
LS-NPM08-OBM10-90	71160-0810	20474075	1/2-14	7/8-14
LS-NPM12-OBM12-90	71160-1212	20474076	3/4-14	1 1/16 -12
LS-NPM16-OBM16-90	71160-1616	20474077	1-11½	1 5/16 -12

Live Swivel – NPTF, Male – NPTF, Female Extender



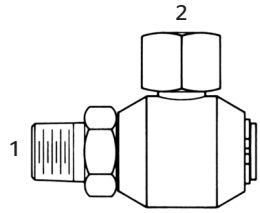
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPF
LS-NPM04-NPFEX04	71130-0404	20474036	1/4-18	1/4-18
LS-NPM06-NPFEX06	71130-0606	20474037	3/8-18	3/8-18
LS-NPM08-NPFEX08	71130-0808	20474038	1/2-14	1/2-14
LS-NPM12-NPFEX12	71130-1212	20474039	3/4-14	3/4-14
LS-NPM16-NPFEX16	71130-1616	20474040	1-11½	1-11½
LS-NPM20-NPFEX20	71130-2020	20474041	1¼ -11½	1¼-11½
LS-NPM24-NPFEX24	71130-2424	20474042	1½ -11½	1½ -11½
LS-NPM32-NPFEX32	71130-3232	20474043	2-11½	2-11½

Live Swivel – OR Boss, Male – NPSM, Female Swivel, 90° Elbow



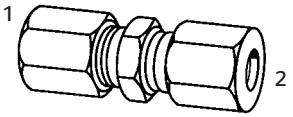
Descriptive #	Product #	SAP #	Thread Size 1 OBM	Thread Size 2 NSF
LS-OBM04-NSFX06-90	71170-0406	20474078	7/16-20	3/8-18
LS-OBM06-NSFX04-90	71170-0604	20474079	9/16-18	1/4-18
LS-OBM06-NSFX06-90	71170-0606	20474080	9/16-18	3/8-18
LS-OBM06-NSFX08-90	71170-0608	20474081	9/16-18	1/2-14
LS-OBM08-NSFX06-90	71170-0806	20474082	3/4-16	3/8-18
LS-OBM08-NSFX08-90	71170-0808	20474083	3/4-16	1/2-14
LS-OBM10-NSFX08-90	71170-1008	20474084	7/8-14	1/2-14
LS-OBM12-NSFX12-90	71170-1212	20474085	1 1/16 -12	3/4-14
LS-OBM16-NSFX16-90	71170-1616	20474086	1 5/16 -12	1-11½
LS-OBM20-NSFX20-90	71170-2020	20474087	1 5/8 -12	1¼ -11½

Live Swivel – NPTF, Male – NPSM, Female Swivel, 90° Elbow



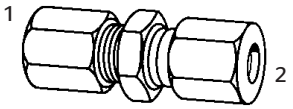
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NSF
LS-NPM04-NSFX04-90	71150-0404	20473858	1/4-18	1/4-18
LS-NPM04-NSFX06-90	71150-0406	20473859	1/4-18	3/8-18
LS-NPM06-NSFX04-90	71150-0604	20473960	3/8-18	1/4-18
LS-NPM06-NSFX06-90	71150-0606	20473961	3/8-18	3/8-18
LS-NPM08-NSFX08-90	71150-0808	20473962	1/2-14	1/2-14
LS-NPM12-NSFX12-90	71150-1212	20473963	3/4-14	3/4-14
LS-NPM16-NSFX16-90	71150-1616	20473964	1-11½	1-11½
LS-NPM20-NSFX20-90	71150-2020	20473965	1½ -11½	1¼ -11½
LS-NPM24-NSFX24-90	71150-2424	20473966	1¼ -11½	1½ -11½
LS-NPM32-NSFX32-90	71150-3232	20473967	2-11½	2-11½

Compression Tube – Compression Tube



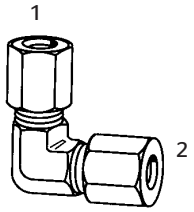
Descriptive #	Product #	SAP #	Tube O.D. 1	Thread Size 1 CT	Tube O.D. 2	Thread Size 2 CT
CT02-CT02	71200-0202	20481572	1/8	5/16-24	1/8	5/16-24
CT03-CT03	71200-0303	20481573	3/16	3/8-24	3/16	3/8-24
CT04-CT04	71200-0404	20481574	1/4	7/16-20	1/4	7/16-20
CT05-CT05	71200-0505	20481575	5/16	1/2-20	5/16	1/2-20
CT06-CT04	71200-0604	20481576	3/8	9/16-18	1/4	7/16-20
CT06-CT06	71200-0606	20481577	3/8	9/16-18	3/8	9/16-18
CT08-CT06	71200-0806	20481578	1/2	3/4-16	3/8	9/16-18
CT08-CT08	71200-0808	20481579	1/2	3/4-16	1/2	3/4-16
CT10-CT10	71200-1010	20481580	5/8	7/8-14	5/8	7/8-14
CT12-CT08	71200-1208	20481581	3/4	1 1/16 -12	1/2	3/4-16
CT12-CT12	71200-1212	20481582	3/4	1 1/16 -12	3/4	1 1/16 -12
CT14-CT14	71200-1414	20481583	7/8	1 3/16 -12	7/8	1 1/16 -12
CT16-CT16	71200-1616	20481584	1	1 5/16 -12	1	1 5/16 -12
CT20-CT20	71200-2020	20481585	1 1/4	1 5/8 -12	1 1/4	1 5/8 -12
CT24-CT24	71200-2424	20481586	1 1/2	1 7/8-12	1 1/2	1 7/8 -12
CT32-CT32	71200-3232	20481587	2	2 1/2 -12	2	2 1/2 -12

Compression Tube – Compression Tube, Large Hex



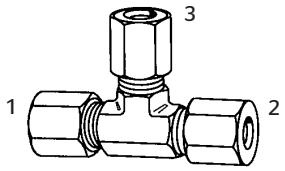
Descriptive #	Product #	SAP #	Tube O.D. 1	Thread Size 1 CT	Tube O.D. 2 CT	Thread Size 2 CT
CT04-CT04-LH	71205-0404	20481588	1/4	7/16-20	1/4	7/16-20
CT06-CT06-LH	71205-0606	20481589	3/8	9/16-18	3/8	9/16-18
CT08-CT06-LH	71205-0806	20481590	1/2	3/4-16	3/8	9/16-18
CT08-CT08-LH	71205-0808	20481591	1/2	3/4-16	1/2	3/4-16
CT10-CT10-LH	71205-1010	20481592	5/8	7/8-14	5/8	7/8-14
CT12-CT12-LH	71205-1212	20481593	3/4	1 1/16 -12	3/4	1 1/16 -12
CT16-CT16-LH	71205-1616	20481594	1	1 5/16 -12	1	1 5/16 -12

Compression Tube – Compression Tube, 90° Elbow



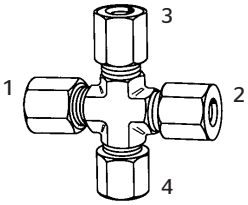
Descriptive #	Product #	SAP #	Tube O.D. 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CT
CT04-CT04-90	71210-0404	20481658	1/4	7/16-20	1/4	7/16-20
CT05-CT05-90	71210-0505	20481659	5/16	1/2-20	5/16	1/2-20
CT06-CT06-90	71210-0606	20481660	3/8	9/16-18	3/8	9/16-18
CT08-CT08-90	71210-0808	20481661	1/2	3/4-16	1/2	3/4-16
CT10-CT10-90	71210-1010	20481662	5/8	7/8-14	5/8	7/8-14
CT12-CT12-90	71210-1212	20481663	3/4	1 1/16 -12	3/4	1 1/16 -12
CT14-CT14-90	71210-1414	20481664	7/8	1 3/16 -12	7/8	1 3/16 -12
CT16-CT16-90	71210-1616	20481665	1	1 5/16 -12	1	1 5/16 -12
CT20-CT20-90	71210-2020	20481666	1 1/4	1 5/8-12	1 1/4	1 5/8 -12
CT24-CT24-90	71210-2424	20481667	1 1/2	1 7/8 -12	1 1/2	1 7/8 -12

Compression Tube – Compression Tube – Compression Tube Tee



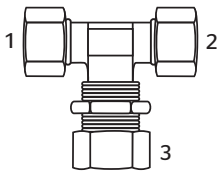
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CT	Tube OD 3	Thread Size 3 CT
CT03-CT03-CT03	71215-0303	20481762	3/16	3/8-24	3/16	3/8-24	3/16	3/8-24
CT04-CT04-CT04	71215-0404	20481763	1/4	7/16-20	1/4	7/16-20	1/4	7/16-20
CT05-CT05-CT05	71215-0505	20481764	5/16	1/2-20	5/16	1/2-20	5/16	1/2-20
CT06-CT06-CT06	71215-0606	20481765	3/8	9/16-18	3/8	9/16-18	3/8	9/16-18
CT08-CT08-CT08	71215-0808	20481766	1/2	3/4-16	1/2	3/4-16	1/2	3/4-16
CT10-CT10-CT10	71215-1010	20481767	5/8	7/8-14	5/8	7/8-14	5/8	7/8-14
CT12-CT12-CT12	71215-1212	20481768	3/4	1 1/16 -12	3/4	1 1/16-12	3/4	1 1/16 -12
CT14-CT14-CT14	71215-1414	20481769	7/8	1 3/16 -12	7/8	1 3/16 -12	7/8	1 3/16 -12
CT16-CT16-CT16	71215-1616	20481770	1	1 5/16 -12	1	1 5/16 -12	1	1 5/16 -12
CT20-CT20-CT20	71215-2020	20481771	1 1/4	1 5/8 -12	1 1/4	1 5/8 -12	1 1/4	1 5/8 -12

Compression Tube Union Cross



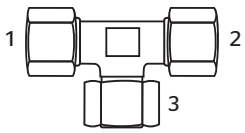
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CT	Tube OD 3	Thread Size 3 CT	Tube OD 4	Thread Size 4 CT
CT04-CT04-CT04-CT04	71220-0404	20481788	1/4	7/16-20	1/4	7/16-20	1/4	7/16-20	1/4	7/16-20
CT06-CT06-CT06-CT06	71220-0606	20481789	3/8	9/16-18	3/8	9/16-18	3/8	9/16-18	3/8	9/16-18
CT08-CT08-CT08-CT08	71220-0808	20481790	1/2	3/4-16	1/2	3/4-16	1/2	3/4-16	1/2	3/4-16
CT10-CT10-CT10-CT10	71220-1010	20481791	5/8	7/8-14	5/8	7/8-14	5/8	7/8-14	5/8	7/8-14
CT12-CT12-CT12-CT12	71220-1212	20481792	3/4	1 1/16 -12	3/4	1 1/16 -12	3/4	1 1/16 -12	3/4	1 1/16 -12
CT16-CT16-CT16-CT16	71220-1616	20481793	1	1 5/16 -12	1	1 5/16 -12	1	1 5/16 -12	1	1 5/16 -12
CT20-CT20-CT20-CT20	71220-2020	20481794	1 1/4	1 5/8 -12	1 1/4	1 5/8 -12	1 1/4	1 5/8 -12	1 1/4	1 5/8 -12

Compression Tube – Compression Tube, Bulkhead Branch Tee



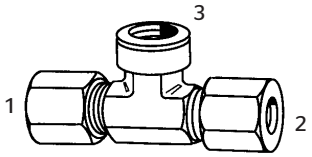
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CT	Tube OD 3	Thread Size 3 CTB
CT04-CT04-CTB04	71225-0404	20481813	1/4	7/16-20	1/4	7/16-20	1/4	7/16-20
CT06-CT06-CTB06	71225-0606	20481814	3/8	9/16-18	3/8	9/16-18	3/8	9/16-18
CT10-CT10-CTB10	71225-1010	20481815	5/8	7/8-14	5/8	7/8-14	5/8	7/8-14
CT12-CT12-CTB12	71225-1212	20481816	3/4	1 1/16 -12	3/4	1 1/16 -12	3/4	1 1/16 -12

Compression Tube – Compression Tube, Swivel Branch Tee



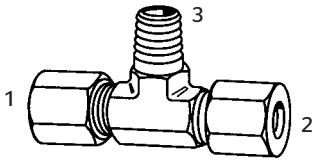
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CT	Tube OD 3	Thread Size 3 CTX
CT04-CT04-CTX04	71230-0404	20481912	1/4	7/16-20	1/4	7/16-20	1/4	7/16-20
CT06-CT06-CTX06	71230-0606	20481913	3/8	9/16-18	3/8	9/16-18	3/8	9/16-18
CT08-CT08-CTX08	71230-0808	20481914	1/2	3/4-16	1/2	3/4-16	1/2	3/4-16
CT12-CT12-CTX12	71230-1212	20481915	3/4	1 1/16-12	3/4	1 1/16-12	3/4	1 1/16-12

Compression Tube – Compression Tube – NPTF, Female Tee



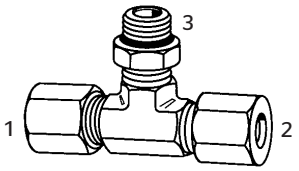
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CT	Thread Size 3 NPF
CT04-CT04-NPF02	71235-0402	20481751	1/4	7/16-20	1/4	7/16-20	1/8-27
CT04-CT04-NPF04	71235-0404	20481752	1/4	7/16-20	1/4	7/16-20	1/4-18
CT06-CT06-NPF04	71235-0604	20481753	3/8	9/16-18	3/8	9/16-18	1/4-18
CT06-CT06-NPF06	71235-0606	20481754	3/8	9/16-18	3/8	9/16-18	3/8-18
CT08-CT08-NPF06	71235-0806	20481755	1/2	3/4-16	1/2	3/4-16	3/8-18
CT08-CT08-NPF08	71235-0808	20481756	1/2	3/4-16	1/2	3/4-16	1/2-14
CT10-CT10-NPF08	71235-1008	20481757	5/8	7/8-14	5/8	7/8-14	1/2-14
CT12-CT12-NPF12	71235-1212	20481758	3/4	1 1/16 -12	3/4	1 1/16 -12	3/4-14
CT14-CT14-NPF12	71235-1412	20481759	7/8	1 3/16 -12	7/8	1 3/16 -12	3/4-14
CT16-CT16-NPF16	71235-1616	20481760	1	1 5/16 -12	1	1 5/16 -12	1-11½
CT20-CT20-NPF20	71235-2020	20481761	1¼	1 5/8 -12	1¼	1 5/8-12	1¼-11½

Compression Tube – Compression Tube – NPTF, Male Tee



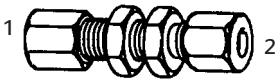
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CT	Thread Size 3 NPM
CT04-CT04-NPM02	71240-0402	20481742	1/4	7/16-20	1/4	7/16-20	1/8-27
CT04-CT04-NPM04	71240-0404	20481743	1/4	7/16-20	1/4	7/16-20	1/4-18
CT05-CT05-NPM02	71240-0502	20481744	5/16	1/2-20	5/16	1/2-20	1/8-27
CT06-CT06-NPM04	71240-0604	20481745	3/8	9/16-18	3/8	9/16-18	1/4-18
CT08-CT08-NPM06	71240-0806	20481746	1/2	3/4-16	1/2	3/4-16	3/8-18
CT08-CT08-NPM08	71240-0808	20481747	1/2	3/4-16	1/2	3/4-16	1/2-14
CT10-CT10-NPM08	71240-1008	20481748	5/8	7/8-14	5/8	7/8-14	1/2-14
CT12-CT12-NPM12	71240-1212	20481749	3/4	1 1/16 -12	3/4	1 1/16-12	3/4-14
CT16-CT16-NPM16	71240-1616	20481750	1	1 5/16 -12	1	1 5/16-12	1-11½

Compression Tube – Compression Tube – OR Boss, Male Tee



Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CT	Thread Size 3 OBM
CT04-CT04-OBM04	71245-0404	20481942	1/4	7/16-20	1/4	7/16-20	7/16-20
CT06-CT06-OBM06	71245-0606	20481943	3/8	9/16-18	3/8	9/16-18	9/16-18
CT08-CT08-OBM08	71245-0808	20481944	1/2	3/4-16	1/2	3/4-16	3/4-16
CT12-CT12-OBM12	71245-1212	20481945	3/4	1 1/16 -12	3/4	1 1/16 -12	1 1/16 -12
CT16-CT16-OBM16	71245-1616	20481946	1	1 5/16 -12	1	1 5/16 -12	1 5/16 -12

Compression Tube – Compression Tube, Bulkhead

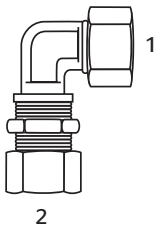


Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CTB
CT04-CTB04	71250-0404	20481795	1/4	7/16-20	1/4	7/16-20
CT06-CTB06	71250-0606	20481796	3/8	9/16-18	3/8	9/16-18
CT08-CTB08	71250-0808	20481797	1/2	3/4-16	1/2	3/4-16
CT10-CTB10	71250-1010	20481798	5/8	7/8-14	5/8	7/8-14
CT12-CTB12	71250-1212	20481799	3/4	1 1/16 -12	3/4	1 1/16 -12
CT16-CTB16	71250-1616	20481800	1	1 5/16 -12	1	1 5/16 -12
CT20-CTB20	71250-2020	20481801	1 1/4	1 5/8 -12	1 1/4	1 5/8 -12

Compression Tube - Compression Tube, Bulkhead, 45° Elbow

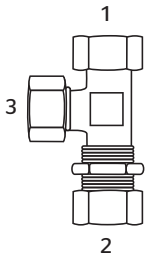
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CTB
CT04-CTB04-45	71255-0404	20481809	1/4	7/16-20	1/4	7/16-20
CT06-CTB06-45	71255-0606	20481810	3/8	9/16-18	3/8	9/16-18
CT08-CTB08-45	71255-0808	20481811	1/2	3/4-16	1/2	3/4-16
CT12-CTB12-45	71255-1212	20481812	3/4	1 1/16 -12	3/4	1 1/16 -12

Compression Tube – Compression Tube, Bulkhead, 90° Elbow



Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CTB
CT04-CTB04-90	71260-0404	20481802	1/4	7/16-20	1/4	7/16-20
CT06-CTB06-90	71260-0606	20481803	3/8	9/16-18	3/8	9/16-18
CT08-CTB08-90	71260-0808	20481804	1/2	3/4-16	1/2	3/4-16
CT10-CTB10-90	71260-1010	20481805	5/8	7/8-14	5/8	7/8-14
CT12-CTB12-90	71260-1212	20481806	3/4	1 1/16 -12	3/4	1 1/16 -12
CT16-CTB16-90	71260-1616	20481807	1	1 5/16 -12	1	1 5/16 -12
CT20-CTB20-90	71260-2020	20481808	1 1/4	1 5/8 -12	1 1/4	1 5/8 -12

Compression Tube – Compression Tube, Bulkhead Run Tee

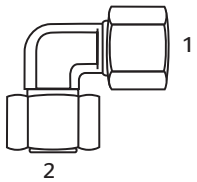


Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CTB	Tube OD 3	Thread Size 3 CT
CT04-CTB04-CT04	71265-0404	20481817	1/4	7/16-20	1/4	7/16-20	1/4	7/16-20
CT06-CTB06-CT06	71265-0606	20481818	3/8	9/16-18	3/8	9/16-18	3/8	9/16-18
CT08-CTB08-CT08	71265-0808	20481819	1/2	3/4-16	5/8	3/4-16	5/8	7/8-14
CT12-CTB12-CT12	71265-1212	20481820	3/4	1 1/16 -12	3/4	1 1/16 -12	3/4	1 1/16 -12

Compression Tube - Compression Tube, Swivel, 45° Elbow

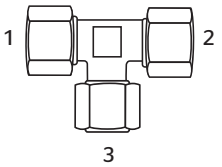
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CTX
CT04-CTX04-45	71270-0404	20481905	1/4	7/16-20	1/4	7/16-20
CT06-CTX06-45	71270-0606	20481906	3/8	9/16-18	3/8	9/16-18
CT08-CTX08-45	71270-0808	20481907	1/2	3/4-16	1/2	3/4-16
CT10-CTX10-45	71270-1010	20481908	5/8	7/8-14	5/8	7/8-14
CT12-CTX12-45	71270-1212	20481909	3/4	1 1/16 -12	3/4	1 1/16 -12
CT16-CTX16-45	71270-1616	20481910	1	1 5/16 -12	1	1 5/16 -12
CT20-CTX20-45	71270-2020	20481911	1 1/4	1 5/8 -12	1 1/4	1 5/8 -12

Compression Tube – Compression Tube, Swivel, 90° Elbow



Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CTX
CT04-CTX04-90	71275-0404	20481898	1/4	7/16-20	1/4	7/16-20
CT06-CTX06-90	71275-0606	20481899	3/8	9/16-18	3/8	9/16-18
CT08-CTX08-90	71275-0808	20481900	1/2	3/4-16	1/2	3/4-16
CT10-CTX10-90	71275-1010	20481901	5/8	7/8-14	5/8	7/8-14
CT12-CTX12-90	71275-1212	20481902	3/4	1 1/16 -12	3/4	1 1/16 -12
CT16-CTX16-90	71275-1616	20481903	1	1 5/16 -12	1	1 5/16-12
CT20-CTX20-90	71275-2020	20481904	1 1/4	1 5/8 -12	1 1/4	1 5/8 -12

Compression Tube – Compression Tube, Swivel Run Tee

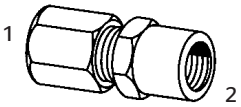


Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CTX	Tube OD 3	Thread Size 3 CT
CT04-CTX04-CT04	71280-0404	20481916	1/4	7/16-20	1/4	7/16-20	1/4	7/16-20
CT06-CTX06-CT06	71280-0606	20481917	3/8	9/16-18	3/8	9/16-18	3/8	9/16-18
CT08-CTX08-CT08	71280-0808	20481918	1/2	3/4-16	1/2	3/4-16	1/2	3/4-16
CT12-CTX12-CT12	71280-1212	20481919	3/4	1 1/16 -12	3/4	1 1/16 -12	3/4	1 1/16 -12

Compression Tube - JIC 37°, Male

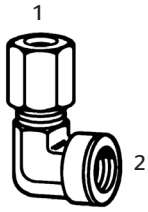
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 JCM
CT04-JCM04	71285-0404	20481556	1/4	7/16-20	7/16-20
CT06-JCM06	71285-0606	20481557	3/8	9/16-18	9/16-18
CT08-JCM08	71285-0808	20481558	1/2	3/4-16	3/4-16
CT10-JCM10	71285-1010	20481559	5/8	7/8-14	7/8-14
CT12-JCM12	71285-1212	20481570	3/4	1 1/16 -12	1 1/16 -12
CT16-JCM16	71285-1616	20481571	1	1 5/16 -12	1 5/16 -12

Compression Tube – NPTF, Female



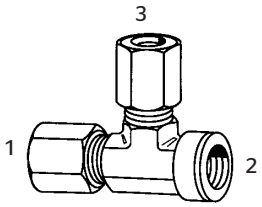
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 NPF
CT02-NPF02	71290-0202	20481623	1/8	5/16-24	1/8-27
CT03-NPF02	71290-0302	20481624	3/16	3/8-24	1/8-27
CT04-NPF02	71290-0402	20481625	1/4	7/16-20	1/8-27
CT04-NPF04	71290-0404	20481626	1/4	7/16-20	1/4-18
CT05-NPF02	71290-0502	20481627	5/16	1/2-20	1/8-27
CT06-NPF04	71290-0604	20481628	3/8	9/16-18	1/4-18
CT06-NPF06	71290-0606	20481629	3/8	9/16-18	3/8-18
CT06-NPF08	71290-0608	20481630	3/8	9/16-18	1/2-14
CT08-NPF04	71290-0804	20481631	1/2	3/4-16	1/4-18
CT08-NPF06	71290-0806	20481632	1/2	3/4-16	3/8-18
CT08-NPF08	71290-0808	20481634	1/2	3/4-16	1/2-14
CT10-NPF08	71290-1008	20481635	5/8	7/8-14	1/2-14
CT12-NPF12	71290-1212	20481636	3/4	1 1/16 -12	3/4-14
CT14-NPF12	71290-1412	20481637	7/8	1 3/16 -12	3/4-14
CT16-NPF16	71290-1616	20481638	1	1 5/16 -12	1-11½
CT20-NPF20	71290-2020	20481639	1¼	1⅝ -12	1¼ -11½

Compression Tube – NPTF, Female, 90° Elbow



Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 NPF
CT04-NPF02-90	71300-0402	20481709	1/4	7/16-20	1/8-27
CT04-NPF04-90	71300-0404	20481710	1/4	7/16-20	1/4-18
CT06-NPF04-90	71300-0604	20481711	3/8	9/16-18	1/4-18
CT06-NPF06-90	71300-0606	20481712	3/8	9/16-18	3/8-18
CT08-NPF04-90	71300-0804	20481713	1/2	3/4-16	1/4-18
CT08-NPF06-90	71300-0806	20481714	1/2	3/4-16	3/8-18
CT08-NPF08-90	71300-0808	20481715	1/2	3/4-16	1/2-14
CT10-NPF08-90	71300-1008	20481716	5/8	7/8-14	1/2-14
CT12-NPF12-90	71300-1212	20481717	3/4	1 1/16 -12	3/4-14
CT14-NPF12-90	71300-1412	20481718	7/8	1 3/16 -12	3/4-14
CT16-NPF16-90	71300-1616	20481719	1	1 5/16 -12	1-11½
CT20-NPF20-90	71300-2020	20481720	1¼	1⅝ -12	1¼ -11½

Compression Tube – NPTF, Female - Compression Tube Tee



Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 NPF	Tube OD 3	Thread Size 3 CT
CT04-NPF02-CT04	71305-0204	20481781	1/4	7/16-20	1/8-27	1/4	7/16-20
CT04-NPF04-CT04	71305-0404	20481782	1/4	7/16-20	1/4-18	1/4	7/16-20
CT06-NPF04-CT06	71305-0406	20481783	3/8	9/16-18	1/4-18	3/8	9/16-18
CT08-NPF06-CT08	71305-0608	20481784	1/2	3/4-16	3/8-18	1/2	3/4-16
CT10-NPF08-CT10	71305-0810	20481785	5/8	7/8-14	1/2-14	5/8	7/8-14
CT12-NPF12-CT12	71305-1212	20481786	3/4	1 1/16 -12	3/4-14	3/4	1 1/16 -12
CT16-NPF16-CT16	71305-1616	20481787	1	1 5/16 -12	1-11½	1	1 5/16 -12

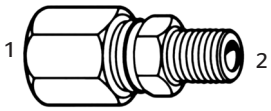
Compression Tube - NPTF, Female, 45° Elbow

Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 NPF
CT04-NPF02-45	71295-0402	20481734	1/4	7/16-20	1/8-27
CT04-NPF04-45	71295-0404	20481735	1/4	7/16-20	1/4-18
CT05-NPF02-45	71295-0502	20481736	5/16	1/2-20	1/8-27
CT06-NPF04-45	71295-0604	20481737	3/8	9/16-18	1/4-18
CT08-NPF06-45	71295-0806	20481738	1/2	3/4-16	3/8-18
CT10-NPF08-45	71295-1008	20481739	5/8	7/8-14	1/2-14
CT12-NPF12-45	71295-1212	20481740	3/4	1 1/16 -12	3/4-14
CT16-NPF16-45	71295-1616	20481741	1	1 5/16 -12	1-11½

Compression Tube - NPTF, Female, 45° Bulkhead

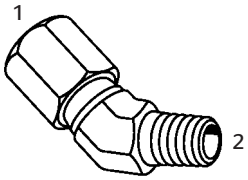
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 NPFB
CT02-NPFB04	71310-0204	20481821	1/8	5/16-24	1/4-18
CT04-NPFB04	71310-0404	20481822	1/4	7/16-20	1/4-18
CT04-NPFB06	71310-0406	20481823	1/4	7/16-20	3/8-18
CT06-NPFB06	71310-0606	20481824	3/8	9/16-18	3/8-18
CT08-NPFB06	71310-0806	20481825	1/2	3/4-16	3/8-18
CT08-NPFB08	71310-0808	20481826	1/2	3/4-16	1/2-14
CT12-NPFB12	71310-1212	20481827	3/4	1 1/16 -12	3/4-14
CT16-NPFB16	71310-1616	20481828	1	1 5/16 -12	1-11½

Compression Tube – NPTF, Male



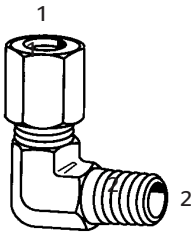
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 NPM
CT02-NPM02	71315-0202	20481595	1/8	5/16-24	1/8-27
CT02-NPM04	71315-0204	20481596	1/8	5/16-24	1/4-18
CT03-NPM02	71315-0302	20481597	3/16	3/8-24	1/8-27
CT04-NPM02	71315-0402	20481598	1/4	7/16-20	1/8-27
CT04-NPM04	71315-0404	20481599	1/4	7/16-20	1/4-18
CT04-NPM04-SS	71315-0404S	20459125	1/4	7/16-20	1/4-18
CT04-NPM06	71315-0406	20481600	1/4	7/16-20	3/8-18
CT04-NPM08	71315-0408	20481601	1/4	7/16-20	1/2-14
CT05-NPM02	71315-0502	20481602	5/16	1/2-20	1/8-27
CT05-NPM04	71315-0504	20481603	5/16	1/2-20	1/4-18
CT06-NPM02	71315-0602	20481604	3/8	9/16-18	1/8-27
CT06-NPM04	71315-0604	20481605	3/8	9/16-18	1/4-18
CT06-NPM04-SS	71315-0604S	20466163	3/8	9/16-18	1/4-18
CT06-NPM06	71315-0606	20481606	3/8	9/16-18	3/8-18
CT06-NPM08	71315-0608	20481607	3/8	9/16-18	1/2-14
CT08-NPM04	71315-0804	20481608	1/2	3/4-16	1/4-18
CT08-NPM06	71315-0806	20481609	1/2	3/4-16	3/8-18
CT08-NPM08	71315-0808	20481610	1/2	3/4-16	1/2-14
CT08-NPM12	71315-0812	20481611	1/2	3/4-16	3/4-14
CT10-NPM06	71315-1006	20481612	5/8	7/8-14	3/8-18
CT10-NPM08	71315-1008	20481613	5/8	7/8-14	1/2-14
CT10-NPM12	71315-1012	20481614	5/8	7/8-14	3/4-14
CT12-NPM08	71315-1208	20481615	3/4	1 1/16 -12	1/2-14
CT12-NPM12	71315-1212	20481616	3/4	1 1/16 -12	3/4-14
CT14-NPM12	71315-1412	20481617	7/8	1 3/16 -12	3/4-14
CT16-NPM12	71315-1612	20481618	1	1 5/16 -12	3/4-14
CT16-NPM16	71315-1616	20481619	1	1 5/16 -12	1-11 1/2
CT20-NPM20	71315-2020	20481620	1 1/4	1 5/8-12	1 1/4 -11 1/2
CT24-NPM24	71315-2424	20481621	1 1/2	1 7/8 -12	1 1/2 -11 1/2
CT32-NPM32	71315-3232	20481622	2	2 1/2 -12	2-11 1/2

Compression Tube – NPTF, Male, 45° Elbow



Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 NPM
CT04-NPM02-45	71320-0402	20481721	1/4	7/16-20	1/8-27
CT04-NPM04-45	71320-0404	20481722	1/4	7/16-20	1/4-18
CT06-NPM04-45	71320-0604	20481723	3/8	9/16-18	1/4-18
CT06-NPM06-45	71320-0606	20481724	3/8	9/16-18	3/8-18
CT08-NPM06-45	71320-0806	20481725	1/2	3/4-16	3/8-18
CT08-NPM08-45	71320-0808	20481726	1/2	3/4-16	1/2-14
CT08-NPM12-45	71320-0812	20481727	1/2	3/4-16	3/4-14
CT10-NPM06-45	71320-1006	20481728	5/8	7/8-14	3/8-18
CT10-NPM08-45	71320-1008	20481729	5/8	7/8-14	1/2-14
CT12-NPM08-45	71320-1208	20481730	3/4	1 1/16 -12	1/2-14
CT12-NPM12-45	71320-1212	20481731	3/4	1 1/16 -12	3/4-14
CT16-NPM16-45	71320-1616	20481732	1	1 5/16 -12	1-11 1/2
CT20-NPM20-45	71320-2020	20481733	1 1/4	1 5/8 -12	1 1/4 -11 1/2

Compression Tube – NPTF, Male, 90° Elbow

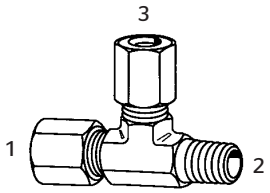


Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 NPM
CT02-NPM02-90	71325-0202	20481668	1/8	5/16-24	1/8-27
CT03-NPM02-90	71325-0302	20481669	3/16	3/8-24	1/8-27
CT04-NPM02-90	71325-0402	20481670	1/4	7/16-20	1/8-27
CT04-NPM04-90	71325-0404	20481671	1/4	7/16-20	1/4-18
CT04-NPM06-90	71325-0406	20481672	1/4	7/16-20	3/8-18
CT04-NPM08-90	71325-0408	20481673	1/4	7/16-20	1/2-14
CT05-NPM02-90	71325-0502	20481674	5/16	1/2-20	1/8-27
CT05-NPM04-90	71325-0504	20481675	5/16	1/2-20	1/4-18
CT06-NPM02-90	71325-0602	20481676	3/8	9/16-18	1/8-27
CT06-NPM04-90	71325-0604	20481677	3/8	9/16-18	1/4-18
CT06-NPM04-90-SS	71325-0604S	20466161	3/8	9/16-18	1/4-18
CT06-NPM06-90	71325-0606	20481678	3/8	9/16-18	3/8-18
CT06-NPM08-90	71325-0608	20481679	3/8	9/16-18	1/2-14
CT08-NPM04-90	71325-0804	20481680	1/2	3/4-16	1/4-18
CT08-NPM06-90	71325-0806	20481681	1/2	3/4-16	3/8-18
CT08-NPM08-90	71325-0808	20481682	1/2	3/4-16	1/2-14
CT08-NPM12-90	71325-0812	20481683	1/2	3/4-16	3/4-14
CT10-NPM06-90	71325-1006	20481684	5/8	7/8-14	3/8-18
CT10-NPM08-90	71325-1008	20481685	5/8	7/8-14	1/2-14
CT10-NPM12-90	71325-1012	20481686	5/8	7/8-14	3/4-14
CT12-NPM08-90	71325-1208	20481687	3/4	1 1/16-12	1/2-14
CT12-NPM12-90	71325-1212	20481688	3/4	1 1/16-12	3/4-14
CT14-NPM12-90	71325-1412	20481689	7/8	1 3/16-12	3/4-14
CT16-NPM12-90	71325-1612	20481690	1	1 5/16-12	3/4-14
CT16-NPM16-90	71325-1616	20481691	1	1 5/16-12	1-11½
CT20-NPM20-90	71325-2020	20481692	1¼	1⅝-12	1¼-11½
CT24-NPM24-90	71325-2424	20481693	1½	1⅞-12	1½-11½
CT32-NPM32-90	71325-3232	20481694	2	2½-12	2-11½

Compression Tube - NPTF, Male, 90° Elbow, Long

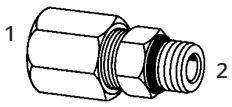
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 NPM
CT04-NPM02-90-L	71330-0402	20481695	1/4	7/16-20	1/8-27
CT04-NPM04-90-L	71330-0404	20481696	1/4	7/16-20	1/4-18
CT06-NPM06-90-L	71330-0606	20481697	3/8	9/16-18	3/8-18
CT12-NPM12-90-L	71330-1212	20481698	3/4	1 1/16 -12	3/4-14
CT16-NPM16-90-L	71330-1616	20481699	1	1 5/16 -12	1-11½
CT20-NPM20-90-L	71330-2020	20481700	1¼	1⅝ -12	1¼ -11½

Compression Tube – NPTF, Male – Compression Tube Tee



Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 NPM	Tube OD 3	Thread Size 3 CT
CT04-NPM02-CT04	71345-0204	20481772	1/4	7/16-20	1/8-27	1/4	7/16-20
CT04-NPM04-CT04	71345-0404	20481773	1/4	7/16-20	1/4-18	1/4	7/16-20
CT06-NPM04-CT06	71345-0406	20481774	3/8	9/16-18	1/4-18	3/8	9/16-18
CT06-NPM06-CT06	71345-0606	20481775	3/8	9/16-18	3/8-18	3/8	9/16-18
CT08-NPM06-CT08	71345-0608	20481776	1/2	3/4-16	3/8-18	1/2	3/4-16
CT08-NPM08-CT08	71345-0808	20481777	1/2	3/4-16	1/2-14	1/2	3/4-16
CT10-NPM08-CT10	71345-0810	20481778	5/8	7/8-14	1/2-14	5/8	7/8-14
CT12-NPM12-CT12	71345-1212	20481779	3/4	1 1/16 -12	3/4-14	3/4	1 1/16 -12
CT16-NPM16-CT16	71345-1616	20481780	1	1 5/16-12	1-11 1/2	1	1 5/16 -12

Compression Tube – OR Boss, Male



Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 OBM
CT03-OBM03	71350-0303	20481869	3/16	3/8-24	3/8-24
CT04-OBM04	71350-0404	20481870	1/4	7/16-20	7/16-20
CT04-OBM05	71350-0405	20481871	1/4	7/16-20	1/2-20
CT04-OBM06	71350-0406	20481872	1/4	7/16-20	9/16-18
CT05-OBM05	71350-0505	20481873	5/16	1/2-20	1/2-20
CT06-OBM04	71350-0604	20481874	3/8	9/16-18	7/16-20
CT06-OBM05	71350-0605	20481875	3/8	9/16-18	1/2-20
CT06-OBM06	71350-0606	20481876	3/8	9/16-18	9/16-18
CT06-OBM08	71350-0608	20481877	3/8	9/16-18	3/4-16
CT08-OBM06	71350-0806	20481878	1/2	3/4-16	9/16-18
CT08-OBM08	71350-0808	20481879	1/2	3/4-16	3/4-16
CT08-OBM10	71350-0810	20481880	1/2	3/4-16	7/8-14
CT08-OBM12	71350-0812	20481881	1/2	3/4-16	1 1/16 -12
CT10-OBM10	71350-1010	20481882	5/8	7/8-14	7/8-14
CT12-OBM08	71350-1208	20481883	3/4	1 1/16 -12	3/4-16
CT12-OBM12	71350-1212	20481884	3/4	1 1/16 -12	1 1/16 -12
CT12-OBM16	71350-1216	20481885	3/4	1 1/16 -12	1 5/16 -12
CT14-OBM14	71350-1414	20481886	7/8	1 3/16 -12	1 3/16 -12
CT16-OBM12	71350-1612	20481887	1	1 5/16 -12	1 1/16 -12
CT16-OBM16	71350-1616	20481888	1	1 5/16 -12	1 5/16 -12
CT20-OBM20	71350-2020	20481889	1 1/4	1 5/8 -12	1 5/8 -12
CT24-OBM24	71350-2424	20481890	1 1/2	1 7/8 -12	1 7/8 -12
CT32-OBM32	71350-3232	20481891	2	2 1/2 -12	2 1/2 -12

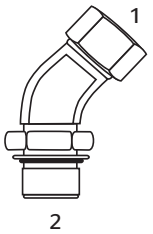
Compression Tube - OR Boss, Male, Long

Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 OBM
CT04-OBM04-L	71355-0404	20481892	1/4	7/16-20	7/16-20
CT06-OBM06-L	71355-0606	20481893	3/8	9/16-18	9/16-18
CT08-OBM08-L	71355-0808	20481894	1/2	3/4-16	3/4-16
CT10-OBM10-L	71355-1010	20481895	5/8	7/8-14	7/8-14
CT12-OBM12-L	71355-1212	20481896	3/4	1 1/16-12	1 1/16-12
CT16-OBM16-L	71355-1616	20481897	1	1 5/16-12	1 5/16-12

Compression Tube – NPTF, Male, 90° Elbow, Extra Long

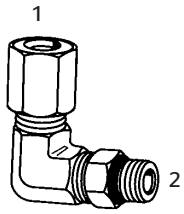
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 NPM
CT04-NPM02-90-LL	71340-0402	20481701	1/4	7/16-20	1/8-27
CT04-NPM04-90-LL	71340-0404	20481702	1/4	7/16-20	1/4-18
CT06-NPM04-90-LL	71340-0604	20481703	3/8	9/16-18	1/4-18
CT08-NPM06-90-LL	71340-0806	20481704	1/2	3/4-16	3/8-18
CT10-NPM08-90-LL	71340-1008	20481705	5/8	7/8-14	1/2-14
CT12-NPM12-90-LL	71340-1212	20481706	3/4	1 1/16-12	3/4-14
CT16-NPM16-90-LL	71340-1616	20481707	1	1 5/16-12	1-11 1/2
CT20-NPM20-90-LL	71340-2020	20481708	1 1/4	1 5/8-12	1 1/4-11 1/2

Compression Tube – OR Boss, Male, 45° Elbow



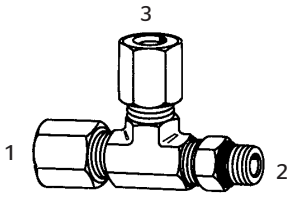
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 OBM
CT04-OBM04-45	71360-0404	20481937	1/4	7/16-20	7/16-20
CT06-OBM06-45	71360-0606	20481938	3/8	9/16-18	9/16-18
CT08-OBM08-45	71360-0808	20481939	1/2	3/4-16	3/4-16
CT12-OBM12-45	71360-1212	20481940	3/4	1 1/16 -12	1 1/16 -12
CT16-OBM16-45	71360-1616	20481941	1	1 5/16 -12	1 5/16 -12

Compression Tube – OR Boss, Male, 90° Elbow



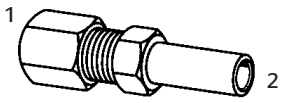
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 OBM
CT04-OBM04-90	71365-0404	20481920	1/4	7/16-20	7/16-20
CT05-OBM05-90	71365-0505	20481921	5/16	1/2-20	1/2-20
CT06-OBM04-90	71365-0604	20481922	3/8	9/16-18	7/16-20
CT06-OBM06-90	71365-0606	20481923	3/8	9/16-18	9/16-18
CT06-OBM08-90	71365-0608	20481924	3/8	9/16-18	3/4-16
CT08-OBM06-90	71365-0806	20481925	1/2	3/4-16	9/16-18
CT08-OBM08-90	71365-0808	20481926	1/2	3/4-16	3/4-16
CT08-OBM10-90	71365-0810	20481927	1/2	3/4-16	7/8-14
CT08-OBM12-90	71365-0812	20481928	1/2	3/4-16	1 1/16 -12
CT10-OBM10-90	71365-1010	20481929	5/8	7/8-14	7/8-14
CT12-OBM08-90	71365-1208	20481930	3/4	1 1/16 -12	3/4-16
CT12-OBM10-90	71365-1210	20481931	3/4	1 1/16 -12	7/8-14
CT12-OBM12-90	71365-1212	20481932	3/4	1 1/16 -12	1 1/16 -12
CT12-OBM16-90	71365-1216	20481933	3/4	1 1/16 -12	1 1/16 -12
CT16-OBM12-90	71365-1612	20481934	1	1 5/16 -12	1 1/16 -12
CT16-OBM16-90	71365-1616	20481935	1	1 5/16 -12	1 5/16 -12
CT20-OBM20-90	71365-2020	20481936	1 1/4	1 5/8 -12	1 5/8 -12

Compression Tube – OR Boss, Male – Compression Tube Tee



Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Thread Size 2 OBM	Tube OD 3	Thread Size 3 CT
CT04-OBM04-CT04	71370-0404	20481947	1/4	7/16-20	7/16-20	1/4	7/16-20
CT06-OBM06-CT06	71370-0606	20481948	3/8	9/16-18	9/16-18	3/8	9/16-18
CT08-OBM08-CT08	71370-0808	20481949	1/2	3/4-16	3/4-16	1/2	3/4-16
CT12-OBM12-CT12	71370-1212	20481950	3/4	1 1/16 -12	1 1/16 -12	3/4	1 1/16 -12
CT16-OBM16-CT16	71370-1616	20481951	1	1 5/16 -12	1 5/16 -12	1	1 5/16 -12

Compression Tube – Steel Tube, Reducer

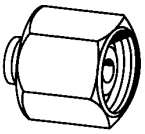


Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2
CT06-ST04	71373-0604	20481640	3/8	9/16-18	1/4
CT08-ST04	71373-0804	20481641	1/2	3/4-16	1/4
CT08-ST06	71373-0806	20481642	1/2	3/4-16	3/8
CT10-ST08	71373-1008	20481643	5/8	7/8-14	1/2
CT12-ST06	71373-1206	20481644	3/4	1 1/16 -12	3/8
CT12-ST08	71373-1208	20481645	3/4	1 1/16 -12	1/2
CT16-ST08	71373-1608	20481646	1	1 5/16 -12	1/2
CT16-ST12	71373-1612	20481647	1	1 5/16 -12	3/4
CT20-ST16	71373-2016	20481648	1 1/4	1 5/8 -12	1

Compression Tube – Bulkhead Lock Nut

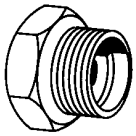
Descriptive #	Product #	SAP #	Tube OD in.	Thread Size CT
CTBLN04	71375-0004	20481836	1/4	7/16-20
CTBLN06	71375-0006	20481837	3/8	9/16-18
CTBLN08	71375-0008	20481838	1/2	3/4-16
CTBLN10	71375-0010	20481839	5/8	7/8-14
CTBLN12	71375-0012	20481840	3/4	1 1/16-12
CTBLN16	71375-0016	20481841	1	1 5/16 -12

Compression Tube Cap



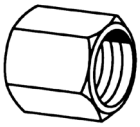
Descriptive #	Product #	SAP #	Tube OD in.	Thread Size CT
CTC04	71380-0004	20481829	1/4	7/16-20
CTC06	71380-0006	20481830	3/8	9/16-18
CTC08	71380-0008	20481831	1/2	3/4-16
CTC10	71380-0010	20481832	5/8	7/8-14
CTC12	71380-0012	20481833	3/4	1 1/16-12
CTC16	71380-0016	20481834	1	1 5/16 -12
CTC20	71380-0020	20481835	1 1/4	1 5/8 -12

Compression Tube Plug



Descriptive #	Product #	SAP #	Tube OD in.	Thread Size CT
CTP02	71390-0002	20481649	1/8	5/16-24
CTP04	71390-0004	20481650	1/4	7/16-20
CTP05	71390-0005	20481651	5/16	1/2-20
CTP06	71390-0006	20481652	3/8	9/16-18
CTP08	71390-0008	20481653	1/2	3/4-16
CTP10	71390-0010	20481654	5/8	7/8-14
CTP12	71390-0012	20481655	3/4	1 1/16 -12
CTP16	71390-0016	20481656	1	1 5/16 -12
CTP20	71390-0020	20481657	1 1/4	1 5/8-12

Compression Tube Nut

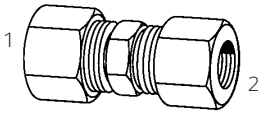


Descriptive #	Product #	SAP #	Tube OD in.	Thread Size CT
CTN02	71385-0002	20481842	1/8	5/16-24
CTN03	71385-0003	20481843	3/16	3/8-24
CTN04	71385-0004	20481844	1/4	7/16-20
CTN05	71385-0005	20481845	5/16	1/2-20
CTN06	71385-0006	20481846	3/8	9/16-18
CTN08	71385-0008	20481847	1/2	3/4-16
CTN10	71385-0010	20481848	5/8	7/8-14
CTN12	71385-0012	20481849	3/4	1 1/16-12
CTN14	71385-0014	20481850	7/8	1 3/16-12
CTN16	71385-0016	20481851	1	1 5/16-12
CTN20	71385-0020	20481852	1 1/4	1 5/8-12
CTN24	71385-0024	20481853	1 1/2	1 7/8-12
CTN32	71385-0032	20481855	2	2 1/2 -12

Compression Tube Sleeve

Descriptive #	Product #	SAP #	Tube OD in.
CTS02	71395-0002	20481856	1/8
CTS03	71395-0003	20481857	3/16
CTS04	71395-0004	20481858	1/4
CTS05	71395-0005	20481859	5/16
CTS06	71395-0006	20481860	3/8
CTS08	71395-0008	20481861	1/2
CTS10	71395-0010	20481862	5/8
CTS12	71395-0012	20481863	3/4
CTS14	71395-0014	20481864	7/8
CTS16	71395-0016	20481865	1
CTS20	71395-0020	20481866	1 1/4
CTS24	71395-0024	20481867	1 1/2
CTS32	71395-0032	20481868	2

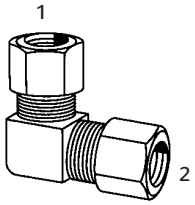
Compression Tube – Compression Tube – Brass



Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CT
B-CT02-CT02	72165-0202	20281805	1/8	5/16-24	1/8	5/16-24
B-CT03-CT03	72165-0303	20281806	3/16	3/8-24	3/16	3/8-24
B-CT04-CT02	72165-0402	20281808	1/4	7/16-24	1/8	5/16-24
B-CT04-CT04	72165-0404	20281807	1/4	7/16-24	1/4	7/16-24
B-CT05-CT05	72165-0505	20281809	5/16	1/2-24	5/16	1/2-24
B-CT06-CT04	72165-0604	20281811	3/8	9/16-24	1/4	7/16-24
B-CT06-CT06	72165-0606	20281810	3/8	9/16-24	3/8	9/16-24
B-CT08-CT06	72165-0806	20281813	1/2	11/16-20	3/8	9/16-24
B-CT08-CT08	72165-0808	20281812	1/2	11/16-20	1/2	11/16-20
B-CT10-CT08	72165-1008	20281815	5/8	13/16-18	1/2	11/16-20
B-CT10-CT10	72165-1010	20281814	5/8	13/16-18	5/8	13/16-18
B-CT12-CT12	72165-1212	20283066	3/4	1-18	3/4	1-18
B-CT14-CT14	72165-1414	20281817	7/8	1⅛-18	7/8	1⅛-18

Not DOT approved for air brake systems

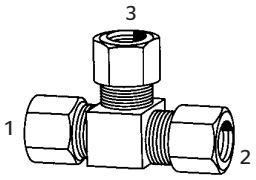
Compression Tube – Compression Tube, 90° Elbow – Brass



Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CT
B-CT02-CT02-90	72170-0202	20281832	1/8	5/16-24	1/8	5/16-24
B-CT03-CT03-90	72170-0303	20281833	3/16	3/8-24	3/16	3/8-24
B-CT04-CT04-90	72170-0404	20281834	1/4	7/16-24	1/4	7/16-24
B-CT05-CT05-90	72170-0505	20281835	5/16	1/2-24	5/16	1/2-24
B-CT06-CT04-90	72170-0604	20281837	3/8	9/16-24	1/4	7/16-24
B-CT06-CT06-90	72170-0606	20281836	3/8	9/16-24	3/8	9/16-24
B-CT08-CT06-90	72170-0806	20281839	1/2	11/16-20	3/8	9/16-24
B-CT08-CT08-90	72170-0808	20281838	1/2	11/16-20	1/2	11/16-20
B-CT10-CT08-90	72170-1008	20281841	5/8	13/16-18	1/2	11/16-20
B-CT10-CT10-90	72170-1010	20281840	5/8	13/16-18	5/8	13/16-18
B-CT12-CT12-90	72170-1212	20281842	3/4	1-18	3/4	1-18

Not DOT approved for air brake systems

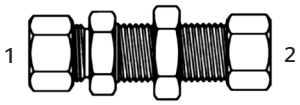
Compression Tube – Compression Tube, 90° Elbow – Brass



Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CT	Tube OD 3	Thread Size 3
B-CT02-CT02-CT02	72173-0202	20281822	1/8	5/16-24	1/8	5/16-24	1/8	5/16-24
B-CT03-CT03-CT03	72173-0303	20281823	3/16	3/8-24	3/16	3/8-24	3/16	3/8-24
B-CT04-CT04-CT04	72173-0404	20281824	1/4	7/16-24	1/4	7/16-24	1/4	7/16-24
B-CT05-CT05-CT05	72173-0505	20281825	5/16	1/2-24	5/16	1/2-24	5/16	1/2-24
B-CT06-CT06-CT04	72173-0604	20281827	3/8	9/16-24	3/8	9/16-24	1/4	7/16-24
B-CT06-CT06-CT06	72173-0606	20281826	3/8	9/16-24	3/8	9/16-24	3/8	9/16-24
B-CT08-CT08-CT06	72173-0806	20281829	1/2	11/16-20	1/2	11/16-20	3/8	9/16-24
B-CT08-CT08-CT08	72173-0808	20281828	1/2	11/16-20	1/2	11/16-20	1/2	11/16-20
B-CT10-CT10-CT10	72173-1010	20281830	5/8	13/16-18	5/8	13/16-18	5/8	13/16-18
B-CT12-CT12-CT12	72173-1212	20281831	3/4	1-18	3/4	1-18	3/4	1-18

Not DOT approved for air brake systems

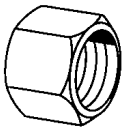
Compression Tube – Compression Tube, Bulkhead



Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 1 CT	Tube OD 2	Thread Size 2 CTB
B-CT04-CTB04	72175-0404	20281818	1/4	7/16-24	1/4	7/16-24
B-CT05-CTB05	72175-0505	20281819	5/16	1/2-24	5/16	1/2-24
B-CT06-CTB06	72175-0606	20281820	3/8	9/16-24	3/8	9/16-24
B-CT08-CTB08	72175-0808	20281821	1/2	11/16-20	1/2	11/16-20

Not DOT approved for air brake systems

Compression Tube Nut – Brass



Descriptive #	Product #	SAP #	Tube OD (in.)	Thread Size CT
B-CTN02	72183-0002	20281797	1/8	5/16-24
B-CTN03	72183-0003	20281798	3/16	3/8-24
B-CTN04	72183-0004	20281799	1/4	7/16-24
B-CTN05	72183-0005	20281800	5/16	1/2-24
B-CTN06	72183-0006	20281801	3/8	9/16-24
B-CTN08	72183-0008	20281802	1/2	11/16-20
B-CTN10	72183-0010	20281803	5/8	13/16-18
B-CTN12	72183-0012	20283065	3/4	1-18

Not DOT approved for air brake systems

Compression Tube Sleeve – Brass

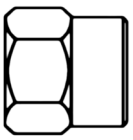
Descriptive #	Product #	SAP #	Tube OD (in.)
B-CTS02	72185-0002	20281788	1/8
B-CTS03	72185-0003	20281789	3/16
B-CTS04	72185-0004	20281790	1/4
B-CTS05	72185-0005	20281791	5/16
B-CTS06	72185-0006	20283062	3/8
B-CTS08	72185-0008	20283063	1/2
B-CTS10	72185-0010	20283064	5/8
B-CTS12	72185-0012	20281795	3/4
B-CTS14	72185-0014	20281796	7/8

Not DOT approved for air brake systems

NPTF, Breather Vent, Plug – Brass

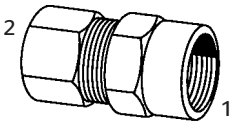
Descriptive #	Product #	SAP #	Thread Size NPM
B-NPBVP02	72535-0002	20281406	1/8-27
B-NPBVP04	72535-0004	20281407	1/4-18
B-NPBVP06	72535-0006	20281408	3/8-18
B-NPBVP08	72535-0008	20281409	1/2-14

NPTF, Cap – Brass



Descriptive #	Product #	SAP #	Thread Size NPF
B-NPC02	72537-0002	20281410	1/8-27
B-NPC04	72537-0004	20281411	1/4-18
B-NPC06	72537-0006	20281412	3/8-18
B-NPC08	72537-0008	20281413	1/2-14
B-NPC12	72537-0012	20281414	3/4-14

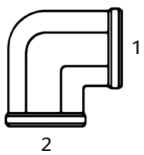
NPTF, Female – Compression Tube – Brass



Descriptive #	Product #	SAP #	Thread Size 1 NPF	Tube OD 2	Thread Size 2 CT
B-NPF02-CT02	72540-0202	20281843	1/8-27	1/8	5/16-24
B-NPF02-CT03	72540-0203	20281844	1/8-27	3/16	3/8-24
B-NPF02-CT04	72540-0204	20283067	1/8-27	1/4	7/16-24
B-NPF02-CT05	72540-0205	20281849	1/8-27	5/16	1/2-24
B-NPF02-CT06	72540-0206	20281851	1/8-27	3/8	9/16-24
B-NPF04-CT04	72540-0404	20281846	1/4-18	1/4	7/16-24
B-NPF04-CT05	72540-0405	20281850	1/4-18	5/16	1/2-24
B-NPF04-CT06	72540-0406	20283068	1/4-18	3/8	9/16-24
B-NPF04-CT08	72540-0408	20281856	1/4-18	1/2	11/16-20
B-NPF06-CT04	72540-0604	20281847	3/8-18	1/4	7/16-24
B-NPF06-CT06	72540-0606	20281853	3/8-18	3/8	9/16-24
B-NPF06-CT08	72540-0608	20281857	3/8-18	1/2	11/16-20
B-NPF06-CT10	72540-0610	20281860	3/8-18	5/8	13/16-18
B-NPF08-CT04	72540-0804	20281848	1/2-14	1/4	7/16-24
B-NPF08-CT06	72540-0806	20281854	1/2-14	3/8	9/16-24
B-NPF08-CT08	72540-0808	20281858	1/2-14	1/2	11/16-20
B-NPF08-CT10	72540-0810	20281861	1/2-14	5/8	13/16-18
B-NPF08-CT12	72540-0812	20281863	1/2-14	3/4	1-18
B-NPF12-CT06	72540-1206	20281855	3/4-14	3/8	9/16-24
B-NPF12-CT08	72540-1208	20281859	3/4-14	1/2	11/16-20
B-NPF12-CT10	72540-1210	20281862	3/4-14	5/8	13/16-18
B-NPF12-CT12	72540-1212	20283069	3/4-14	3/4	1-18

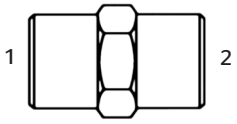
Not DOT approved for air brake systems

NPTF, Female – NPTF, Female, 90° Elbow – Brass



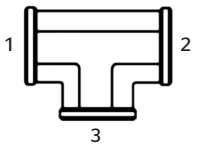
Descriptive #	Product #	SAP #	Thread Size 1 & 2 NPF
B-NPF02-NPF02-90	72555-0202	20281540	1/8-27
B-NPF04-NPF04-90	72555-0404	20281541	1/4-18
B-NPF06-NPF06-90	72555-0606	20281542	3/8-18
B-NPF08-NPF08-90	72555-0808	20281543	1/2-14
B-NPF12-NPF12-90	72555-1212	20281544	3/4-14

NPTF, Female – NPTF, Female – Brass



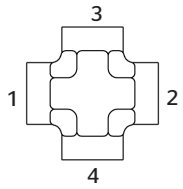
Descriptive #	Product #	SAP #	Thread Size 1 NPF	Thread Size 2 NPF
B-NPF02-NPF02	72550-0202	20281464	1/8-27	1/8-27
B-NPF04-NPF02	72550-0402	20281466	1/4-18	1/8-27
B-NPF04-NPF04	72550-0404	20281465	1/4-18	1/4-18
B-NPF06-NPF02	72550-0602	20281468	3/8-18	1/8-27
B-NPF06-NPF04	72550-0604	20281469	3/8-18	1/4-18
B-NPF06-NPF06	72550-0606	20281467	3/8-18	3/8-18
B-NPF08-NPF04	72550-0804	20282915	1/2-14	1/4-18
B-NPF08-NPF06	72550-0806	20281472	1/2-14	3/8-18
B-NPF08-NPF08	72550-0808	20281470	1/2-14	1/2-14
B-NPF12-NPF06	72550-1206	20281474	3/4-14	3/8-18
B-NPF12-NPF08	72550-1208	20281475	3/4-14	1/2-14
B-NPF12-NPF12	72550-1212	20282916	3/4-14	3/4-14

NPTF, Female Tee – Brass



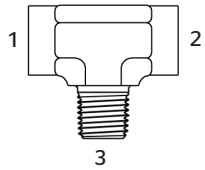
Descriptive #	Product #	SAP #	Thread Size 1, 2 & 3 NPF
B-NPF02-NPF02-NPF02	72560-0202	20282956	1/8-27
B-NPF04-NPF04-NPF04	72560-0404	20282957	1/4-18
B-NPF06-NPF06-NPF06	72560-0606	20282958	3/8-18
B-NPF08-NPF08-NPF08	72560-0808	20282959	1/2-14
B-NPF12-NPF12-NPF12	72560-1212	20282960	3/4-14

NPTF, Female Cross – Brass



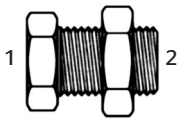
Descriptive #	Product #	SAP #	Thread Size 1, 2, 3 & 4 NPF
B-NPF02-NPF02-NPF02-NPF02	72565-0202	20282966	1/8-27
B-NPF04-NPF04-NPF04-NPF04	72565-0404	20282967	1/4-18
B-NPF06-NPF06-NPF06-NPF06	72565-0606	20282968	3/8-18
B-NPF08-NPF08-NPF08-NPF08	72565-0808	20282969	1/2-14
B-NPF12-NPF12-NPF12-NPF12	72565-1212	20282970	3/4-14

NPTF, Female – NPTF, Female – NPTF, Male Tee – Brass



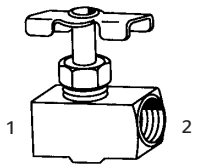
Descriptive #	Product #	SAP #	Thread Size 1 & 2 NPF	Thread Size 3 NPM
B-NPF02-NPF02-NPM02	72567-0202	20282951	1/8-27	1/8-27
B-NPF04-NPF04-NPM04	72567-0404	20282952	1/4-18	1/4-18
B-NPF06-NPF06-NPM06	72567-0606	20282953	3/8-18	3/8-18
B-NPF08-NPF08-NPM08	72567-0808	20282954	1/2-14	1/2-14
B-NPF12-NPF12-NPM12	72567-1212	20282955	3/4-14	3/4-14

NPTF, Female – NPTF, Female, Bulkhead – Brass



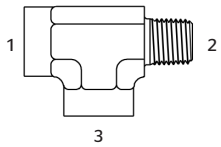
Descriptive #	Product #	SAP #	Thread Size 1 & 2 NPF	BLKHD Thread Size	Overall Length
B-NPF02-NPFB02x1.5	72570-0215	20281476	1/8-27	5/8-18	1.50"
B-NPF04-NPFB04x.94	72570-0409	20281477	1/4-18	3/4-16	0.94"
B-NPF04-NPFB04x1.5	72570-0415	20281478	1/4-18	3/4-16	1.50"
B-NPF06-NPFB06x1.31	72570-0613	20282942	3/8-18	1-14	1.31"
B-NPF08-NPFB08x1.5	72570-0815	20281480	1/2-14	1⅛-14	1.50"

NPTF, Female – NPTF, Female, Needle Valve – Brass



Descriptive #	Product #	SAP #	Thread Size 1 & 2 NPF
B-NPF02-NPFNV02	72573-0202	20281980	1/8-27
B-NPF04-NPFNV04	72573-0404	20281981	1/4-18

NPTF, Female – NPTF, Male – NPTF, Female Tee – Brass

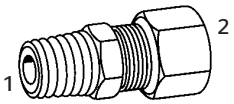


Descriptive #	Product #	SAP #	Thread Size 1 & 3 NPF	Thread Size 2 NPM
B-NPF02-NPM02-NPF02	72575-0202	20282961	1/8-27	1/8-27
B-NPF04-NPM04-NPF04	72575-0404	20282962	1/4-18	1/4-18
B-NPF06-NPM06-NPF06	72575-0606	20282963	3/8-18	3/8-18
B-NPF08-NPM08-NPF08	72575-0808	20282964	1/2-14	1/2-14
B-NPF12-NPM12-NPF12	72575-1212	20282965	3/4-14	3/4-14

NPTF, Hollow Hex Plug – Brass

Descriptive #	Product #	SAP #	Thread Size NPM
B-NPHHP01	72588-0001	20281415	1/16-27
B-NPHHP02	72588-0002	20281416	1/8-27
B-NPHHP04	72588-0004	20281417	1/4-18
B-NPHHP06	72588-0006	20281418	3/8-18
B-NPHHP08	72588-0008	20281419	1/2-14
B-NPHHP12	72588-0012	20281420	3/4-14

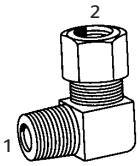
NPTF, Male – Compression Tube – Brass



Descriptive #	Product #	SAP #	Thread Size 1 NPM	Tube OD 2	Thread Size 2 CT
B-NPM02-CT02	72590-0202	20281865	1/8-27	1/8	5/16-24
B-NPM02-CT03	72590-0203	20281866	1/8-27	3/16	3/8-24
B-NPM02-CT04	72590-0204	20283070	1/8-27	1/4	7/16-24
B-NPM02-CT05	72590-0205	20281872	1/8-27	5/16	1/2-24
B-NPM02-CT06	72590-0206	20283072	1/8-27	3/8	9/16-24
B-NPM04-CT03	72590-0403	20281867	1/4-18	3/16	3/8-24
B-NPM04-CT04	72590-0404	20283071	1/4-18	1/4	7/16-24
B-NPM04-CT05	72590-0405	20281873	1/4-18	5/16	1/2-24
B-NPM04-CT06	72590-0406	20281877	1/4-18	3/8	9/16-24
B-NPM04-CT08	72590-0408	20281882	1/4-18	1/2	11/16-20
B-NPM06-CT04	72590-0604	20281870	3/8-18	1/4	7/16-24
B-NPM06-CT05	72590-0605	20281874	3/8-18	5/16	1/2-24
B-NPM06-CT06	72590-0606	20281879	3/8-18	3/8	9/16-24
B-NPM06-CT08	72590-0608	20281883	3/8-18	1/2	11/16-20
B-NPM06-CT10	72590-0610	20281886	3/8-18	5/8	13/16-18
B-NPM08-CT04	72590-0804	20281871	1/2-14	1/4	7/16-24
B-NPM08-CT05	72590-0805	20281875	1/2-14	5/16	1/2-24
B-NPM08-CT06	72590-0806	20281880	1/2-14	3/8	9/16-24
B-NPM08-CT08	72590-0808	20283073	1/2-14	1/2	11/16-20
B-NPM08-CT10	72590-0810	20283074	1/2-14	5/8	13/16-18
B-NPM08-CT12	72590-0812	20281889	1/2-14	3/4	1-18
B-NPM12-CT06	72590-1206	20281881	3/4-14	3/8	9/16-24
B-NPM12-CT08	72590-1208	20281885	3/4-14	1/2	11/16-20
B-NPM12-CT10	72590-1210	20281888	3/4-14	5/8	13/16-18
B-NPM12-CT12	72590-1212	20281890	3/4-14	3/4	1-18
B-NPM12-CT14	72590-1214	20281891	3/4-14	7/8	1⅛-18

Not DOT approved for air brake systems

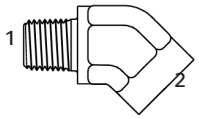
NPTF, Male – Compression Tube, 90° Elbow – Brass



Descriptive #	Product #	SAP #	Thread Size 1 NPM	Tube OD 2	Thread Size 2 CT
B-NPM02-CT02-90	72593-0202	20281892	1/8-27	1/8	5/16-24
B-NPM02-CT03-90	72593-0203	20281893	1/8-27	3/16	3/8-24
B-NPM02-CT04-90	72593-0204	20283075	1/8-27	1/4	7/16-24
B-NPM02-CT05-90	72593-0205	20281899	1/8-27	5/16	1/2-24
B-NPM02-CT06-90	72593-0206	20283077	1/8-27	3/8	9/16-24
B-NPM04-CT03-90	72593-0403	20281894	1/4-18	3/16	3/8-24
B-NPM04-CT04-90	72593-0404	20283076	1/4-18	1/4	7/16-24
B-NPM04-CT05-90	72593-0405	20281900	1/4-18	5/16	1/2-24
B-NPM04-CT06-90	72593-0406	20281903	1/4-18	3/8	9/16-24
B-NPM04-CT08-90	72593-0408	20281907	1/4-18	1/2	11/16-20
B-NPM06-CT04-90	72593-0604	20281897	3/8-18	1/4	7/16-24
B-NPM06-CT05-90	72593-0605	20281901	3/8-18	5/16	1/2-24
B-NPM06-CT06-90	72593-0606	20281904	3/8-18	3/8	9/16-24
B-NPM06-CT08-90	72593-0608	20281908	3/8-18	1/2	11/16-20
B-NPM06-CT10-90	72593-0610	20281911	3/8-18	5/8	13/16-18
B-NPM08-CT04-90	72593-0804	20281898	1/2-14	1/4	7/16-24
B-NPM08-CT06-90	72593-0806	20281905	1/2-14	3/8	9/16-24
B-NPM08-CT08-90	72593-0808	20283078	1/2-14	1/2	11/16-20
B-NPM08-CT10-90	72593-0810	20283079	1/2-14	5/8	13/16-18
B-NPM08-CT12-90	72593-0812	20281914	1/2-14	3/4	1-18
B-NPM12-CT06-90	72593-1206	20281906	3/4-14	3/8	9/16-24
B-NPM12-CT08-90	72593-1208	20281910	3/4-14	1/2	11/16-20
B-NPM12-CT10-90	72593-1210	20281913	3/4-14	5/8	13/16-18
B-NPM12-CT12-90	72593-1212	20281915	3/4-14	3/4	1-18
B-NPM12-CT14-90	72593-1214	20281916	3/4-14	7/8	1⅛-18

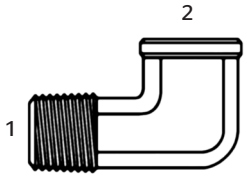
Not DOT approved for air brake systems

NPTF, Male – NPTF, Female, 45° Elbow – Brass



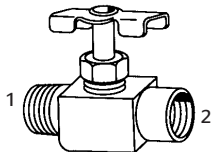
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPF
B-NPM02-NPF02-45	72595-0202	20281523	1/8-27	1/8-27
B-NPM04-NPF04-45	72595-0404	20281524	1/4-18	1/4-18
B-NPM06-NPF06-45	72595-0606	20282817	3/8-18	3/8-18
B-NPM08-NPF08-45	72595-0808	20282818	1/2-14	1/2-14
B-NPM12-NPF12-45	72595-1212	20281527	3/4-14	3/4-14

NPTF, Male – NPTF, Female, 90° Elbow – Brass



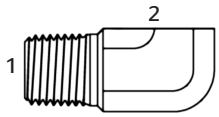
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPF
B-NPM02-NPF02-90	72600-0202	20281534	1/8-27	1/8-27
B-NPM02-NPF04-90	72600-0204	20281535	1/8-27	1/4-18
B-NPM04-NPF04-90	72600-0404	20281536	1/4-18	1/4-18
B-NPM06-NPF06-90	72600-0606	20281537	3/8-18	3/8-18
B-NPM08-NPF08-90	72600-0808	20281538	1/2-14	1/2-14
B-NPM12-NPF12-90	72600-1212	20282941	3/4-14	3/4-14

NPTF, Male – NPTF, Female, Needle Valve – Brass



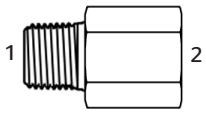
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPF
B-NPM02-NPFNV02	72613-0202	20281978	1/8-27	1/8-27
B-NPM04-NPFNV04	72613-0404	20281979	1/4-18	1/4-18

NPTF, Male – NPTF, Female, 90° Elbow, Compact – Brass



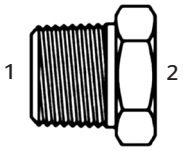
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPF
B-NPM02-NPF2W-90	72598-0202	20281532	1/8-27	1/8-27
B-NPM04-NPF4W-90	72598-0404	20281533	1/4-18	1/4-18

NPTF, Male – NPTF, Female, Expander/Extender – Brass



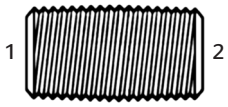
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPF
B-NPM02-NPFEX02	72610-0202	20281438	1/8-27	1/8-27
B-NPM02-NPFEX04	72610-0204	20281439	1/8-27	1/4-18
B-NPM02-NPFEX06	72610-0206	20281440	1/8-27	3/8-18
B-NPM04-NPFEX04	72610-0404	20281441	1/4-18	1/4-18
B-NPM04-NPFEX06	72610-0406	20281442	1/4-18	3/8-18
B-NPM04-NPFEX08	72610-0408	20281443	1/4-18	1/2-14
B-NPM06-NPFEX06	72610-0606	20281444	3/8-18	3/8-18
B-NPM06-NPFEX08	72610-0608	20281445	3/8-18	1/2-14
B-NPM08-NPFEX08	72610-0808	20281446	1/2-14	1/2-14
B-NPM08-NPFEX12	72610-0812	20282914	1/2-14	3/4-14
B-NPM12-NPFEX12	72610-1212	20281448	3/4-14	3/4-14
B-NPM12-NPFEX16	72610-1216	20281449	3/4-14	1-11½

NPTF, Male – NPTF, Female, Reducer Bushing – Brass



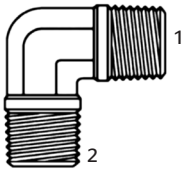
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPF
B-NPM04-NPFRB02	72615-0402	20281450	1/4-18	1/8-27
B-NPM06-NPFRB02	72615-0602	20281451	3/8-18	1/8-27
B-NPM06-NPFRB04	72615-0604	20281452	3/8-18	1/4-18
B-NPM08-NPFRB02	72615-0802	20281453	1/2-14	1/8-27
B-NPM08-NPFRB04	72615-0804	20281454	1/2-14	1/4-18
B-NPM08-NPFRB06	72615-0806	20281455	1/2-14	3/8-18
B-NPM12-NPFRB02	72615-1202	20281456	3/4-14	1/8-27
B-NPM12-NPFRB04	72615-1204	20281457	3/4-14	1/4-18
B-NPM12-NPFRB06	72615-1206	20281458	3/4-14	3/8-18
B-NPM12-NPFRB08	72615-1208	20281459	3/4-14	1/2-14
B-NPM16-NPFRB04	72615-1604	20281460	1-11½	1/4-18
B-NPM16-NPFRB06	72615-1606	20281461	1-11½	3/8-18
B-NPM16-NPFRB08	72615-1608	20281462	1-11½	1/2-14
B-NPM16-NPFRB12	72615-1612	20281463	1-11½	3/4-14

NPTF, Male – NPTF, Male, Close Nipple – Brass



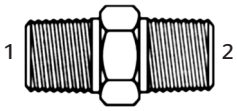
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPM
B-NPM02-NPMCN02	72623-0202	20281493	1/8-27	1/8-27
B-NPM04-NPMCN04	72623-0404	20281494	1/4-18	1/4-18
B-NPM06-NPMCN06	72623-0606	20281495	3/8-18	3/8-18
B-NPM08-NPMCN08	72623-0808	20281496	1/2-14	1/2-14
B-NPM12-NPMCN12	72623-1212	20282921	3/4-14	3/4-14
B-NPM16-NPMCN16	72623-1616	20281498	1-11½	1-11½
B-NPM20-NPMCN20	72623-2020	20281499	1¼-11½	1¼ -11½

NPTF, Male – NPTF, Male, 90° Elbow – Brass



Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPM
B-NPM02-NPM02-90	72620-0202	20281528	1/8-27	1/8-27
B-NPM04-NPM04-90	72620-0404	20282819	1/4-18	1/4-18
B-NPM06-NPM06-90	72620-0606	20281530	3/8-18	3/8-18
B-NPM08-NPM08-90	72620-0808	20282940	1/2-14	1/2-14

NPTF, Male – NPTF, Male, Hex Nipple – Brass

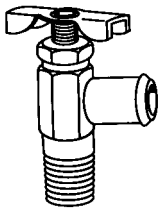


Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPM
B-NPM02-NPMHN02	72625-0202	20281481	1/8-27	1/8-27
B-NPM04-NPMHN02	72625-0402	20282876	1/4-18	1/8-27
B-NPM04-NPMHN04	72625-0404	20281482	1/4-18	1/4-18
B-NPM06-NPMHN02	72625-0602	20281485	3/8-18	1/8-27
B-NPM06-NPMHN04	72625-0604	20282877	3/8-18	1/4-18
B-NPM06-NPMHN06	72625-0606	20281484	3/8-18	3/8-18
B-NPM08-NPMHN04	72625-0804	20282878	1/2-14	1/4-18
B-NPM08-NPMHN06	72625-0806	20281489	1/2-14	3/8-18
B-NPM08-NPMHN08	72625-0808	20281487	1/2-14	1/2-14
B-NPM12-NPMHN08	72625-1208	20282920	3/4-14	1/2-14
B-NPM12-NPMHN12	72625-1212	20282879	3/4-14	3/4-14
B-NPM16-NPMHN16	72625-1616	20281492	1-11½	1-11½

NPTF, Male – NPTF, Male, Nipple, Long – Brass

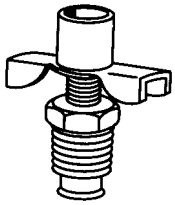
Descriptive #	Product #	SAP #	Thread Size 1 NPM	Thread Size 2 NPM	Length (in.)
B-NPM02-NPMNL02x1.5	72630-0215	20282943	1/8-27	1/8-27	1 ½
B-NPM02-NPMNL02x2	72630-0220	20281501	1/8-27	1/8-27	2
B-NPM02-NPMNL02x2.5	72630-0225	20282944	1/8-27	1/8-27	2 ½
B-NPM02-NPMNL02x3	72630-0230	20281503	1/8-27	1/8-27	3
B-NPM04-NPMNL04x1.5	72630-0415	20282945	1/4-18	1/4-18	1 ½
B-NPM04-NPMNL04x2	72630-0420	20281505	1/4-18	1/4-18	2
B-NPM04-NPMNL04x2.5	72630-0425	20282946	1/4-18	1/4-18	2 ½
B-NPM04-NPMNL04x3	72630-0430	20281508	1/4-18	1/4-18	3
B-NPM04-NPMNL04x4	72630-0440	20281509	1/4-18	1/4-18	4
B-NPM06-NPMNL06x1.5	72630-0615	20282947	3/8-18	3/8-18	1 ½
B-NPM06-NPMNL06x2	72630-0620	20281511	3/8-18	3/8-18	2
B-NPM06-NPMNL06x2.5	72630-0625	20282948	3/8-18	3/8-18	2½
B-NPM06-NPMNL06x3	72630-0630	20281513	3/8-18	3/8-18	3
B-NPM06-NPMNL06x4	72630-0640	20281514	3/8-18	3/8-18	4
B-NPM06-NPMNL06x6	72630-0660	20281515	3/8-18	3/8-18	6
B-NPM08-NPMNL08x2	72630-0820	20281516	1/2-14	1/2-14	2
B-NPM08-NPMNL08x2.5	72630-0825	20282949	1/2-14	1/2-14	2 ½
B-NPM08-NPMNL08x3	72630-0830	20281518	1/2-14	1/2-14	3
B-NPM08-NPMNL08x4	72630-0840	20281519	1/2-14	1/2-14	4
B-NPM12-NPMNL12x2	72630-1220	20281520	3/4-14	3/4-14	2
B-NPM12-NPMNL12x2.5	72630-1225	20282950	3/4-14	3/4-14	2 ½
B-NPM12-NPMNL12x3	72630-1230	20281522	3/4-14	3/4-14	3

NPTF, Male, Drain Cock, Angle Bib – Brass



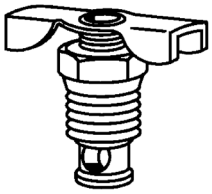
Descriptive #	Product #	SAP #	Thread Size NPM
B-NPMDCAB02	72650-0002	20281976	1/8-27
B-NPMDCAB04	72650-0004	20281977	1/4-18

NPTF, Male, Drain Cock, External Seat – Brass



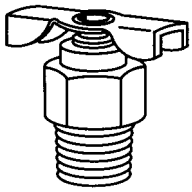
Descriptive #	Product #	SAP #	Thread Size NPM
B-NPMDCESS04	72655-0004	20281975	1/4-18

NPTF, Male, Drain Cock, External Seat – Brass



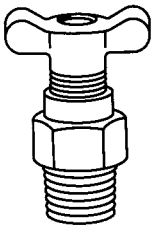
Descriptive #	Product #	SAP #	Thread Size NPM
B-NPMDCES02	72653-0002	20281970	1/8-27
B-NPMDCES04	72653-0004	20281971	1/4-18
B-NPMDCES06	72653-0006	20281972	3/8-18
B-NPMDCES08	72653-0008	20281973	1/2-14

NPTF, Male, Drain Cock, Internal Seat – Brass



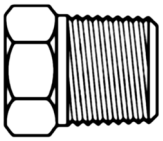
Descriptive #	Product #	SAP #	Thread Size NPM
B-NPMDCIS02	72658-0002	20281963	1/8-27
B-NPMDCIS04	72658-0004	20281964	1/4-18
B-NPMDCIS06	72658-0006	20281965	3/8-18

NPTF, Male, Drain Cock, Internal Seat, Tee Handle – Brass



Descriptive #	Product #	SAP #	Thread Size NPM
B-NPMDCISTH02	72660-0002	20281966	1/8-27
B-NPMDCISTH04	72660-0004	20281967	1/4-18
B-NPMDCISTH06	72660-0006	20281968	3/8-18
B-NPMDCISTH08	72660-0008	20281969	1/2-14

NPTF, Plug – Brass

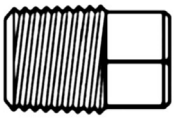


Descriptive #	Product #	SAP #	Thread Size NPM
B-NPP01	72667-0001	20282901	1/16-27
B-NPP02	72667-0002	20281431	1/8-27
B-NPP04	72667-0004	20281433	1/4-18
B-NPP06	72667-0006	20281434	3/8-18
B-NPP08	72667-0008	20281435	1/2-14
B-NPP12	72667-0012	20281436	3/4-14
B-NPP16	72667-0016	20281437	1-11 ½

NPTF, Slotted Plug – Brass

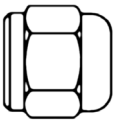
Descriptive #	Product #	SAP #	Thread Size NPM
B-NPSP02	72670-0002	20281421	1/8-27
B-NPSP04	72670-0004	20281422	1/4-18
B-NPSP06	72670-0006	20281423	3/8-18

NPTF, Square Head Plug – Brass



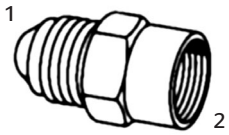
Descriptive #	Product #	SAP #	Thread Size NPM
B-NPSHP02	72669-0002	20281424	1/8-27
B-NPSHP04	72669-0004	20281425	1/4-18
B-NPSHP06	72669-0006	20281426	3/8-18
B-NPSHP08	72669-0008	20281427	1/2-14
B-NPSHP12	72669-0012	20281428	3/4-14
B-NPSHP16	72669-0016	20281429	1-11 ½

SAE 45°, Cap – Brass



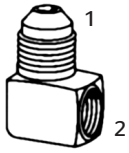
Descriptive #	Product #	SAP #	Thread Size SFF
B-SFC03	72790-0003	20281565	3/8-24
B-SFC04	72790-0004	20281566	7/16-20
B-SFC05	72790-0005	20281567	1/2-20
B-SFC06	72790-0006	20281568	5/8-18
B-SFC08	72790-0008	20281569	3/4-16
B-SFC10	72790-0010	20281570	7/8-14
B-SFC12	72790-0012	20281571	1 1/16-14

SAE 45°, Male – NPTF, Female – Brass



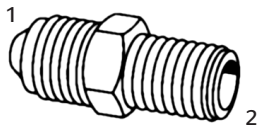
Descriptive #	Product #	SAP #	Thread Size 1 SFM	Thread Size 2 NPF
B-SFM02-NPF02	72795-0202	20281643	5/16-24	1/8-27
B-SFM03-NPF02	72795-0302	20281644	3/8-24	1/8-27
B-SFM04-NPF02	72795-0402	20282971	7/16-20	1/8-27
B-SFM04-NPF04	72795-0404	20281647	7/16-20	1/4-18
B-SFM04-NPF06	72795-0406	20281648	7/16-20	3/8-18
B-SFM05-NPF02	72795-0502	20281649	1/2-20	1/8-27
B-SFM05-NPF04	72795-0504	20281650	1/2-20	1/4-18
B-SFM06-NPF02	72795-0602	20281651	5/8-18	1/8-27
B-SFM06-NPF04	72795-0604	20282972	5/8-18	1/4-18
B-SFM06-NPF06	72795-0606	20281653	5/8-18	3/8-18
B-SFM06-NPF08	72795-0608	20281654	5/8-18	1/2-14
B-SFM06-NPF12	72795-0612	20281655	5/8-18	3/4-14
B-SFM08-NPF04	72795-0804	20282973	3/4-16	1/4-18
B-SFM08-NPF06	72795-0806	20281657	3/4-16	3/8-18
B-SFM08-NPF08	72795-0808	20281658	3/4-16	1/2-14
B-SFM08-NPF12	72795-0812	20281659	3/4-16	3/4-14
B-SFM10-NPF06	72795-1006	20281660	7/8-14	3/8-18
B-SFM10-NPF08	72795-1008	20282974	7/8-14	1/2-14
B-SFM10-NPF12	72795-1012	20281662	7/8-14	3/4-14
B-SFM12-NPF08	72795-1208	20281663	1 1/16-14	1/2-14
B-SFM12-NPF12	72795-1212	20282975	1 1/16-14	3/4-14

SAE 45°, Male – NPTF, Female, 90° Elbow – Brass



Descriptive #	Product #	SAP #	Thread Size 1 SFM	Thread Size 2 NPF
B-SFM03-NPF02-90	72798-0302	20281721	3/8-24	1/8-27
B-SFM04-NPF02-90	72798-0402	20283022	7/16-20	1/8-27
B-SFM04-NPF04-90	72798-0404	20283023	7/16-20	1/4-18
B-SFM04-NPF06-90	72798-0406	20281724	7/16-20	3/8-18
B-SFM05-NPF02-90	72798-0502	20281725	1/2-20	1/8-27
B-SFM05-NPF04-90	72798-0504	20281726	1/2-20	1/4-18
B-SFM06-NPF02-90	72798-0602	20281727	5/8-18	1/8-27
B-SFM06-NPF04-90	72798-0604	20281728	5/8-18	1/4-18
B-SFM06-NPF06-90	72798-0606	20281729	5/8-18	3/8-18
B-SFM06-NPF08-90	72798-0608	20281730	5/8-18	1/2-14
B-SFM06-NPF12-90	72798-0612	20281731	5/8-18	3/4-14
B-SFM08-NPF04-90	72798-0804	20281732	3/4-16	1/4-18
B-SFM08-NPF06-90	72798-0806	20281733	3/4-16	3/8-18
B-SFM08-NPF08-90	72798-0808	20283024	3/4-16	1/2-14
B-SFM08-NPF12-90	72798-0812	20281735	3/4-16	3/4-14
B-SFM10-NPF06-90	72798-1006	20281736	7/8-14	3/8-18
B-SFM10-NPF08-90	72798-1008	20283025	7/8-14	1/2-14
B-SFM10-NPF12-90	72798-1012	20281738	7/8-14	3/4-14
B-SFM12-NPF08-90	72798-1208	20281739	1 1/16-14	1/2-14
B-SFM12-NPF12-90	72798-1212	20281740	1 1/16-14	3/4-14
B-SFM14-NPF12-90	72798-1412	20281741	1 1/4-12	3/4-14

SAE 45°, Male – NPTF, Male – Brass

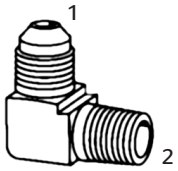


Descriptive #	Product #	SAP #	Thread Size 1 SFM	Thread Size 2 NPM
B-SFM02-NPM02	72800-0202	20281665	5/16-24	1/8-27
B-SFM03-NPM02	72800-0302	20281666	3/8-24	1/8-27
B-SFM03-NPM04	72800-0304	20281667	3/8-24	1/4-18
B-SFM04-NPM02	72800-0402	20282976	7/16-20	1/8-27
B-SFM04-NPM04	72800-0404	20281669	7/16-20	1/4-18
B-SFM04-NPM06	72800-0406	20281670	7/16-20	3/8-18
B-SFM04-NPM08	72800-0408	20281671	7/16-20	1/2-14
B-SFM05-NPM02	72800-0502	20281672	1/2-20	1/8-27
B-SFM05-NPM04	72800-0504	20281673	1/2-20	1/4-18
B-SFM05-NPM06	72800-0506	20281674	1/2-20	3/8-18
B-SFM05-NPM08	72800-0508	20281675	1/2-20	1/2-14
B-SFM06-NPM02	72800-0602	20281676	5/8-18	1/8-27
B-SFM06-NPM04	72800-0604	20282977	5/8-18	1/4-18
B-SFM06-NPM06	72800-0606	20281678	5/8-18	3/8-18
B-SFM06-NPM08	72800-0608	20281679	5/8-18	1/2-14
B-SFM06-NPM12	72800-0612	20281680	5/8-18	3/4-14
B-SFM08-NPM04	72800-0804	20282978	3/4-16	1/4-18
B-SFM08-NPM06	72800-0806	20281682	3/4-16	3/8-18
B-SFM08-NPM08	72800-0808	20281683	3/4-16	1/2-14
B-SFM08-NPM12	72800-0812	20281684	3/4-16	3/4-14
B-SFM10-NPM04	72800-1004	20281685	7/8-14	1/4-18
B-SFM10-NPM06	72800-1006	20282979	7/8-14	3/8-18
B-SFM10-NPM08	72800-1008	20283010	7/8-14	1/2-14
B-SFM10-NPM12	72800-1012	20281688	7/8-14	3/4-14
B-SFM12-NPM08	72800-1208	20283011	1 1/16-14	1/2-14
B-SFM12-NPM12	72800-1212	20283012	1 1/16-14	3/4-14
B-SFM14-NPM12	72800-1412	20281691	1 1/4-12	3/4-14
B-SFM16-NPM12	72800-1612	20281692	1 3/8 12	3/4-14
B-SFM16-NPM16	72800-1616	20281693	1 3/8 12	1-11 1/2

SAE 45°, Male – NPTF, Male, 45° Elbow – Brass

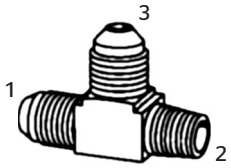
Descriptive #	Product #	SAP #	Thread Size 1 SFM	Thread Size 2 NPM
B-SFM04-NPM02-45	72803-0402	20282917	7/16-20	1/8-27
B-SFM04-NPM04-45	72803-0404	20282918	7/16-20	1/4-18
B-SFM05-NPM02-45	72803-0502	20281765	1/2-20	1/8-27
B-SFM05-NPM04-45	72803-0504	20281766	1/2-20	1/4-18
B-SFM06-NPM04-45	72803-0604	20281767	5/8-18	1/4-18
B-SFM06-NPM06-45	72803-0606	20281768	5/8-18	3/8-18
B-SFM06-NPM08-45	72803-0608	20281769	5/8-18	1/2-14
B-SFM08-NPM06-45	72803-0806	20281770	3/4-16	3/8-18
B-SFM08-NPM08-45	72803-0808	20282919	3/4-16	1/2-14
B-SFM10-NPM08-45	72803-1008	20283060	7/8-14	1/2-14
B-SFM12-NPM08-45	72803-1208	20281773	1 1/16-14	1/2-14
B-SFM12-NPM12-45	72803-1212	20281774	1 1/16-14	3/4-14

SAE 45°, Male – NPTF, Male, 90° Elbow – Brass



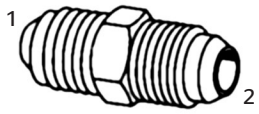
Descriptive #	Product #	SAP #	Thread Size 1 SFM	Thread Size 2 NPM
B-SFM02-NPM02-90	72805-0202	20281694	5/16-24	1/8-27
B-SFM03-NPM02-90	72805-0302	20281695	3/8-24	1/8-27
B-SFM03-NPM04-90	72805-0304	20281696	3/8-24	1/4-18
B-SFM04-NPM02-90	72805-0402	20283013	7/16-20	1/8-27
B-SFM04-NPM04-90	72805-0404	20283014	7/16-20	1/4-18
B-SFM04-NPM06-90	72805-0406	20281699	7/16-20	3/8-18
B-SFM04-NPM08-90	72805-0408	20281700	7/16-20	1/2-14
B-SFM05-NPM02-90	72805-0502	20281701	1/2-20	1/8-27
B-SFM05-NPM04-90	72805-0504	20281702	1/2-20	1/4-18
B-SFM05-NPM06-90	72805-0506	20281703	1/2-20	3/8-18
B-SFM05-NPM08-90	72805-0508	20281704	1/2-20	1/2-14
B-SFM06-NPM02-90	72805-0602	20283015	5/8-18	1/8-27
B-SFM06-NPM04-90	72805-0604	20281706	5/8-18	1/4-18
B-SFM06-NPM06-90	72805-0606	20281707	5/8-18	3/8-18
B-SFM06-NPM08-90	72805-0608	20283016	5/8-18	1/2-14
B-SFM06-NPM12-90	72805-0612	20281709	5/8-18	3/4-14
B-SFM08-NPM04-90	72805-0804	20283017	3/4-16	1/4-18
B-SFM08-NPM06-90	72805-0806	20281711	3/4-16	3/8-18
B-SFM08-NPM08-90	72805-0808	20283018	3/4-16	1/2-14
B-SFM08-NPM12-90	72805-0812	20281713	3/4-16	3/4-14
B-SFM10-NPM04-90	72805-1004	20281714	7/8-14	1/4-18
B-SFM10-NPM06-90	72805-1006	20283019	7/8-14	3/8-18
B-SFM10-NPM08-90	72805-1008	20283020	7/8-14	1/2-14
B-SFM10-NPM12-90	72805-1012	20281717	7/8-14	3/4-14
B-SFM12-NPM08-90	72805-1208	20283021	11/16-14	1/2-14
B-SFM12-NPM12-90	72805-1212	20281719	11/16-14	3/4-14
B-SFM14-NPM12-90	72805-1412	20281720	1¼-12	3/4-14

SAE 45°, Male – NPTF, Male – SAE 45°, Male Tee – Brass



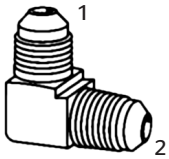
Descriptive #	Product #	SAP #	Thread Size 1 & 3 SFM	Thread Size 2 NPM
B-SFM03-NPM02-SFM03	72810-0302	20282909	3/8-24	1/8-27
B-SFM04-NPM02-SFM04	72810-0402	20283030	7/16-20	1/8-27
B-SFM04-NPM04-SFM04	72810-0404	20283031	7/16-20	1/4-18
B-SFM05-NPM02-SFM05	72810-0502	20283032	1/2-20	1/8-27
B-SFM05-NPM04-SFM05	72810-0504	20283033	1/2-20	1/4-18
B-SFM06-NPM02-SFM06	72810-0602	20283034	5/8-18	1/8-27
B-SFM06-NPM04-SFM06	72810-0604	20283035	5/8-18	1/4-18
B-SFM06-NPM06-SFM06	72810-0606	20283036	5/8-18	3/8-18
B-SFM06-NPM08-SFM06	72810-0608	20283037	5/8-18	1/2-14
B-SFM08-NPM04-SFM08	72810-0804	20283038	3/4-16	1/4-18
B-SFM08-NPM06-SFM08	72810-0806	20283039	3/4-16	3/8-18
B-SFM08-NPM08-SFM08	72810-0808	20283040	3/4-16	1/2-14
B-SFM10-NPM06-SFM10	72810-1006	20283041	7/8-14	3/8-18
B-SFM10-NPM08-SFM10	72810-1008	20283042	7/8-14	1/2-14
B-SFM10-NPM12-SFM10	72810-1012	20283043	7/8-14	3/4-14
B-SFM12-NPM08-SFM12	72810-1208	20283044	11/16-14	1/2-14
B-SFM12-NPM12-SFM12	72810-1212	20283045	11/16-14	3/4-14

SAE 45°, Male – SAE 45°, Male – Brass



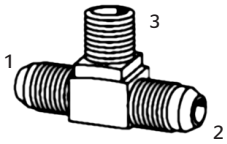
Descriptive #	Product #	SAP #	Thread Size 1 SFM	Thread Size 2 SFM
B-SFM02-SFM02	72815-0202	20281597	5/16-24	5/16-24
B-SFM03-SFM03	72815-0303	20281598	3/8-24	3/8-24
B-SFM04-SFM04	72815-0404	20281599	7/16-20	7/16-20
B-SFM05-SFM04	72815-0504	20281601	1/2-20	7/16-20
B-SFM05-SFM05	72815-0505	20281600	1/2-20	1/2-20
B-SFM06-SFM04	72815-0604	20281603	5/8-18	7/16-20
B-SFM06-SFM05	72815-0605	20281604	5/8-18	1/2-20
B-SFM06-SFM06	72815-0606	20281602	5/8-18	5/8-18
B-SFM08-SFM06	72815-0806	20281606	3/4-16	5/8-18
B-SFM08-SFM08	72815-0808	20281605	3/4-16	3/4-16
B-SFM10-SFM06	72815-1006	20281608	7/8-14	5/8-18
B-SFM10-SFM08	72815-1008	20281609	7/8-14	3/4-16
B-SFM10-SFM10	72815-1010	20281607	7/8-14	7/8-14
B-SFM12-SFM08	72815-1208	20281611	1 1/16-14	3/4-16
B-SFM12-SFM12	72815-1212	20281610	1 1/16-14	1 1/16-14

SAE 45°, Male – SAE 45°, Male, 90° Elbow – Brass



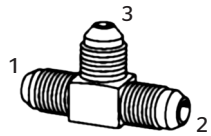
Descriptive #	Product #	SAP #	Thread Size 1 SFM	Thread Size 2 SFM
B-SFM02-SFM02-90	72818-0202	20281775	5/16-24	5/16-24
B-SFM03-SFM03-90	72818-0303	20281776	3/8-24	3/8-24
B-SFM04-SFM04-90	72818-0404	20283061	7/16-20	7/16-20
B-SFM05-SFM05-90	72818-0505	20281778	1/2-20	1/2-20
B-SFM06-SFM04-90	72818-0604	20281780	5/8-18	7/16-20
B-SFM06-SFM06-90	72818-0606	20281779	5/8-18	5/8-18
B-SFM08-SFM06-90	72818-0806	20281782	3/4-16	5/8-18
B-SFM08-SFM08-90	72818-0808	20281781	3/4-16	3/4-16
B-SFM10-SFM08-90	72818-1008	20281784	7/8-14	3/4-16
B-SFM10-SFM10-90	72818-1010	20281783	7/8-14	7/8-14
B-SFM12-SFM08-90	72818-1208	20281786	1 1/16-14	3/4-16
B-SFM12-SFM12-90	72818-1212	20281785	1 1/16-14	1 1/16-14
B-SFM14-SFM14-90	72818-1414	20281787	1 1/4-12	1 1/4-12

SAE 45°, Male – SAE 45°, Male – NPTF, Male – Brass



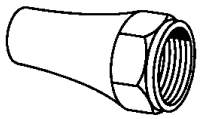
Descriptive #	Product #	SAP #	Thread Size 1 & 2 SFM	Thread Size 3 NPM
B-SFM02-SFM02-NPM02	72820-0202	20282985	5/16-24	1/8-27
B-SFM03-SFM03-NPM02	72820-0302	20282986	3/8-24	1/8-27
B-SFM04-SFM04-NPM02	72820-0402	20282987	7/16-20	1/8-27
B-SFM04-SFM04-NPM04	72820-0404	20282988	7/16-20	1/4-18
B-SFM04-SFM04-NPM06	72820-0406	20282989	7/16-20	3/8-18
B-SFM05-SFM05-NPM02	72820-0502	20282990	1/2-20	1/8-27
B-SFM05-SFM05-NPM04	72820-0504	20282991	1/2-20	1/4-18
B-SFM06-SFM06-NPM02	72820-0602	20282992	5/8-18	1/8-27
B-SFM06-SFM06-NPM04	72820-0604	20282993	5/8-18	1/4-18
B-SFM06-SFM06-NPM06	72820-0606	20282994	5/8-18	3/8-18
B-SFM06-SFM06-NPM08	72820-0608	20282995	5/8-18	1/2-14
B-SFM08-SFM08-NPM04	72820-0804	20282996	3/4-16	1/4-18
B-SFM08-SFM08-NPM06	72820-0806	20282997	3/4-16	3/8-18
B-SFM08-SFM08-NPM08	72820-0808	20282998	3/4-16	1/2-14
B-SFM10-SFM10-NPM06	72820-1006	20282999	7/8-14	3/8-18
B-SFM10-SFM10-NPM08	72820-1008	20283000	7/8-14	1/2-14
B-SFM12-SFM12-NPM08	72820-1208	20283001	1 1/16-14	1/2-14
B-SFM12-SFM12-NPM12	72820-1212	20283002	1 1/16-14	3/4-14

SAE 45°, Male Tee – Brass



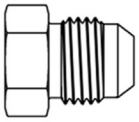
Descriptive #	Product #	SAP #	Thread Size 1 & 2 SFM	Thread Size 3 SFM
B-SFM02-SFM02-SFM02	72823-0202	20282922	5/16-24	5/16-24
B-SFM03-SFM03-SFM03	72823-0303	20282923	3/8-24	3/8-24
B-SFM04-SFM04-SFM04	72823-0404	20282924	7/16-20	7/16-20
B-SFM05-SFM05-SFM05	72823-0505	20282925	1/2-20	1/2-20
B-SFM06-SFM06-SFM04	72823-0604	20282927	5/8-18	7/16-20
B-SFM06-SFM06-SFM06	72823-0606	20282926	5/8-18	5/8-18
B-SFM06-SFM06-SFM08	72823-0608	20282928	5/8-18	3/4-16
B-SFM08-SFM08-SFM06	72823-0806	20282980	3/4-16	5/8-18
B-SFM08-SFM08-SFM08	72823-0808	20282929	3/4-16	3/4-16
B-SFM10-SFM10-SFM06	72823-1006	20282982	7/8-14	5/8-18
B-SFM10-SFM10-SFM08	72823-1008	20282983	7/8-14	3/4-16
B-SFM10-SFM10-SFM10	72823-1010	20282981	7/8-14	7/8-14
B-SFM12-SFM12-SFM12	72823-1212	20282984	1 1/16-14	1 1/16-14

SAE 45°, Nut, Long – Brass



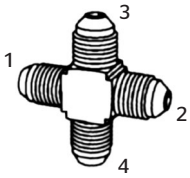
Descriptive #	Product #	SAP #	Thread Size SFF
B-SFNL02	72827-0002	20281579	5/16-24
B-SFNL03	72827-0003	20281580	3/8-24
B-SFNL04	72827-0004	20281581	7/16-20
B-SFNL05	72827-0005	20281582	1/2-20
B-SFNL06	72827-0006	20281583	5/8-18
B-SFNL08	72827-0008	20281584	3/4-16
B-SFNL10	72827-0010	20281585	7/8-14
B-SFNL12	72827-0012	20281586	1 1/16-14

SAE 45°, Plug – Brass



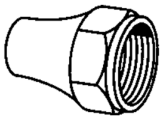
Descriptive #	Product #	SAP #	Thread Size SFF
B-SFP03	72830-0003	20281572	3/8-24
B-SFP04	72830-0004	20281573	7/16-20
B-SFP05	72830-0005	20281574	1/2-20
B-SFP06	72830-0006	20281575	5/8-18
B-SFP08	72830-0008	20281576	3/4-16
B-SFP10	72830-0010	20281577	7/8-14
B-SFP12	72830-0012	20281578	1 1/16-14

SAE 45°, Male Cross – Brass



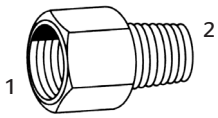
Descriptive #	Product #	SAP #	Thread Size 1, 2, 3 & 4 SFM
B-SFM04-SFM04-SFM04-SFM04	72825-0404	20283051	7/16-20
B-SFM06-SFM06-SFM06-SFM06	72825-0606	20283052	5/8-18
B-SFM08-SFM08-SFM08-SFM08	72825-0808	20283053	3/4-16
B-SFM10-SFM10-SFM10-SFM10	72825-1010	20283054	7/8-14

SAE 45°, Nut, Short – Brass



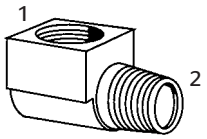
Descriptive #	Product #	SAP #	Thread Size SFF
B-SFNS02	72828-0002	20281588	5/16-24
B-SFNS03	72828-0003	20281589	3/8-24
B-SFNS04	72828-0004	20281590	7/16-20
B-SFNS05	72828-0005	20281591	1/2-20
B-SFNS06	72828-0006	20281592	5/8-18
B-SFNS07	72828-0007	20281593	11/16-16
B-SFNS08	72828-0008	20281594	3/4-16
B-SFNS10	72828-0010	20281595	7/8-14
B-SFNS12	72828-0012	20281596	1 1/16-14

SAE 45° Inverted, Female – NPTF, Male – Brass



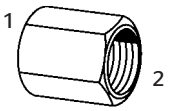
Descriptive #	Product #	SAP #	Thread Size 1 SIF	Thread Size 2 NPM
B-SIF02-NPM02	72840-0202	20281927	5/16-28	1/8-27
B-SIF03-NPM02	72840-0302	20281928	3/8-24	1/8-27
B-SIF04-NPM02	72840-0402	20281929	7/16-24	1/8-27
B-SIF04-NPM04	72840-0404	20281930	7/16-24	1/4-18
B-SIF05-NPM02	72840-0502	20281931	1/2-20	1/8-27
B-SIF05-NPM04	72840-0504	20281932	1/2-20	1/4-18
B-SIF06-NPM02	72840-0602	20281933	5/8-18	1/8-27
B-SIF06-NPM04	72840-0604	20281934	5/8-18	1/4-18
B-SIF06-NPM06	72840-0606	20281935	5/8-18	3/8-18
B-SIF08-NPM04	72840-0804	20281936	3/4-18	1/4-18
B-SIF08-NPM06	72840-0806	20281937	3/4-18	3/8-18
B-SIF08-NPM08	72840-0808	20281938	3/4-18	1/2-14
B-SIF10-NPM08	72840-1008	20281940	7/8-18	1/2-14
B-SIF10-NPM12	72840-1012	20281941	7/8-18	3/4-14
B-SIF12-NPM12	72840-1212	20281942	1 1/16-16	3/4-14

SAE 45° Inverted, Female – NPTF, Male, 90° Elbow – Brass



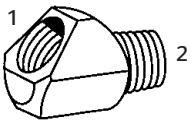
Descriptive #	Product #	SAP #	Thread Size 1 SIF	Thread Size 2 NPM
B-SIF02-NPM02-90	72844-0202	20540474	5/16-28	1/8-27
B-SIF03-NPM02-90	72844-0302	20540472	3/8-24	1/8-27
B-SIF04-NPM02-90	72844-0402	20540470	7/16-24	1/8-27
B-SIF04-NPM04-90	72844-0404	20540469	7/16-24	1/4-18
B-SIF05-NPM02-90	72844-0502	20491114	1/2-20	1/8-27
B-SIF05-NPM04-90	72844-0504	20491115	1/2-20	1/4-18
B-SIF06-NPM02-90	72844-0602	20540466	5/8-18	1/8-27
B-SIF06-NPM04-90	72844-0604	20491116	5/8-18	1/4-18
B-SIF06-NPM06-90	72844-0606	20540463	5/8-18	3/8-18
B-SIF08-NPM06-90	72844-0806	20540462	3/4-18	3/8-18
B-SIF08-NPM08-90	72844-0808	20540461	3/4-18	1/2-14

SAE 45° Inverted, Female – SAE 45°, Inverted, Female – Brass



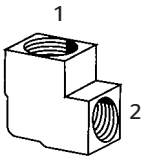
Descriptive #	Product #	SAP #	Thread Size 1 SIF	Thread Size 2 SIF
B-SIF02-SIF02	72845-0202	20281951	5/16-28	5/16-28
B-SIF03-SIF03	72845-0303	20281952	3/8-24	3/8-24
B-SIF04-SIF04	72845-0404	20281953	7/16-24	7/16-24
B-SIF05-SIF05	72845-0505	20281954	1/2-20	1/2-20
B-SIF06-SIF06	72845-0606	20281955	5/8-18	5/8-18
B-SIF08-SIF08	72845-0808	20281956	3/4-18	3/4-18

SAE 45° Inverted, Female – NPTF, Male, 45° Elbow – Brass



Descriptive #	Product #	SAP #	Thread Size 1 SIF	Thread Size 2 NPF
B-SIF03-NPM02-45	72843-0302	20540473	3/8-24	1/8-27
B-SIF04-NPM02-45	72843-0402	20540471	7/16-24	1/8-27
B-SIF05-NPM02-45	72843-0502	20491113	1/2-20	1/8-27
B-SIF06-NPM04-45	72843-0604	20540465	5/8-18	1/4-18

SAE 45° Inverted, Female – SAE 45° Inverted, Female, 90° Elbow – Brass

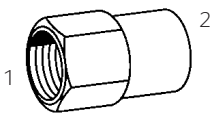


Descriptive #	Product #	SAP #	Thread Size 1 SIF	Thread Size 2 SIF
B-SIF04-SIF04-90	72850-0404	20281958	7/16-24	7/16-24
B-SIF05-SIF05-90	72850-0505	20281959	1/2-20	1/2-20

SAE 45° Inverted, Male Nut – Brass

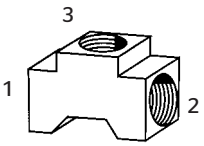
Descriptive #	Product #	SAP #	Thread Size SIM
B-SIMN02	72855-0002	20281917	5/16-28
B-SIMN03	72855-0003	20281918	3/8-24
B-SIMN04	72855-0004	20281919	7/16-24
B-SIMN05	72855-0005	20281920	1/2-20
B-SIMN06	72855-0006	20281921	5/8-18
B-SIMN08	72855-0008	20281922	3/4-18

SAE 45° Inverted, Female – NPTF, Female – Brass



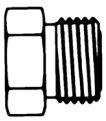
Descriptive #	Product #	SAP #	Thread Size 1 SIF	Thread Size 2 NPF
B-SIF03-NPF02	72835-0302	20281943	3/8-24	1/8-27
B-SIF04-NPF02	72835-0402	20281944	7/16-24	1/8-27
B-SIF04-NPF04	72835-0404	20281945	7/16-24	1/4-18
B-SIF05-NPF02	72835-0502	20281946	1/2-20	1/8-27
B-SIF06-NPF04	72835-0604	20281947	5/8-18	1/4-18
B-SIF08-NPF06	72835-0806	20281948	3/4-18	3/8-18
B-SIF10-NPF08	72835-1008	20281949	7/8-18	1/2-14
B-SIF10-NPF12	72835-1012	20281950	7/8-18	3/4-14

SAE 45° Inverted, Female Tee – Brass



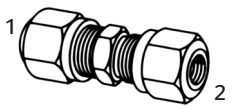
Descriptive #	Product #	SAP #	Thread Size 1, 2 & 3 SIF
B-SIF03-SIF03-SIF03	72852-0303	20540490	3/8-24
B-SIF04-SIF04-SIF04	72852-0404	20540488	7/16-24
B-SIF05-SIF05-SIF05	72852-0505	20540485	1/2-20
B-SIF06-SIF06-SIF06	72852-0606	20491117	5/8-18

SAE 45° Inverted, Plug – Brass



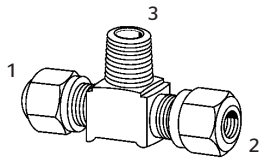
Descriptive #	Product #	SAP #	Thread Size SIM
B-SIP03	72860-0003	20281923	3/8-24
B-SIP04	72860-0004	20281924	7/16-24
B-SIP05	72860-0005	20281925	1/2-20
B-SIP06	72860-0006	20281926	5/8-18

Air Brake Compression Tube – Air Brake Compression Tube – Brass



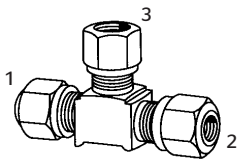
Descriptive #	Product #	SAP #	Tube OD 1 & 2
B-ABCT04-ABCT04	72875-0404	20540564	1/4
B-ABCT06-ABCT06	72875-0606	20540561	3/8
B-ABCT08-ABCT08	72875-0808	20540559	1/2
B-ABCT10-ABCT10	72875-1010	20540558	5/8
B-ABCT12-ABCT12	72875-1212	20540557	3/4

Air Brake Compression Tube – NPTF, Male Branch Tee – Brass



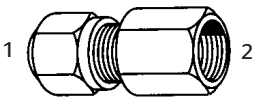
Descriptive #	Product #	SAP #	Tube OD 1 & 2	Thread Size 3 NPM
B-ABCT04-ABCT04-NPM02	72882-0402	20540478	1/4	1/8-27
B-ABCT04-ABCT04-NPM04	72882-0404	20540477	1/4	1/4-18
B-ABCT06-ABCT06-NPM04	72882-0604	20540476	3/8	1/4-18
B-ABCT06-ABCT06-NPM06	72882-0606	20540475	3/8	3/8-18

Air Brake Compression Tube Tee – Brass



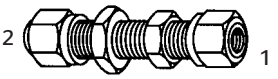
Descriptive #	Product #	SAP #	Tube OD 1, 2 & 3
B-ABCT04-ABCT04-ABCT04	72878-0404	20540486	1/4
B-ABCT06-ABCT06-ABCT06	72878-0606	20540481	3/8
B-ABCT08-ABCT08-ABCT08	72878-0808	20540479	1/2

Air Brake Compression Tube – NPTF, Female – Brass



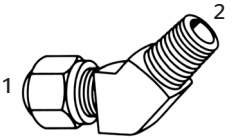
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 3 NPF
B-ABCT04-NPF04	72895-0404	20540545	1/4	1/4-18
B-ABCT06-NPF04	72895-0604	20540544	3/8	1/4-18
B-ABCT06-NPF06	72895-0606	20540543	3/8	3/8-18
B-ABCT08-NPF08	72895-0808	20540542	1/2	1/2-14

Air Brake Compression Tube Tee – Air Break Compression Tube, Bulkhead – Brass



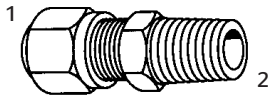
Descriptive #	Product #	SAP #	Tube OD 1 & 2
B-ABCT04-ABCTB04	72885-0404	20540551	1/4
B-ABCT06-ABCTB06	72885-0606	20540550	3/8
B-ABCT08-ABCTB08	72885-0808	20540549	1/2

Air Brake Compression Tube – NPTF, Male, 45° Elbow – Brass



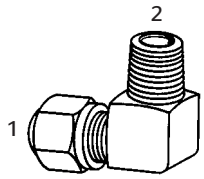
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 2 NPM
B-ABCT04-NPM02-45	72905-0402	20540520	1/4	1/8-27
B-ABCT04-NPM04-45	72905-0404	20540519	1/4	1/4-18
B-ABCT06-NPM04-45	72905-0604	20540518	3/8	1/4-18
B-ABCT06-NPM06-45	72905-0606	20540517	3/8	3/8-18
B-ABCT08-NPM06-45	72905-0806	20540516	1/2	3/8-18
B-ABCT08-NPM08-45	72905-0808	20540515	1/2	1/2-14

Air Brake Compression Tube – NPTF, Male – Brass



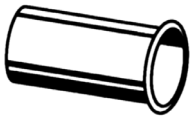
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 2 NPM
B-ABCT04-NPM02	72900-0402	20540538	1/4	1/8-27
B-ABCT04-NPM04	72900-0404	20540536	1/4	1/4-18
B-ABCT04-NPM06	72900-0406	20540535	1/4	3/8-18
B-ABCT06-NPM02	72900-0602	20540532	3/8	1/8-27
B-ABCT06-NPM04	72900-0604	20540530	3/8	1/4-18
B-ABCT06-NPM06	72900-0606	20540528	3/8	3/8-18
B-ABCT06-NPM08	72900-0608	20540527	3/8	1/2-14
B-ABCT08-NPM04	72900-0804	20540526	1/2	1/4-18
B-ABCT08-NPM06	72900-0806	20540525	1/2	3/8-18
B-ABCT08-NPM08	72900-0808	20540524	1/2	1/2-14
B-ABCT10-NPM08	72900-1008	20540522	5/8	1/2-14
B-ABCT12-NPM12	72900-1212	20540521	3/4	3/4-14

AIr Brake Compression Tube – NPTF, Male, 90° Elbow – Brass



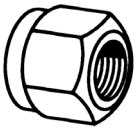
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 2 NPM
B-ABCT04-NPM02-90	72910-0402	20540512	1/4	1/8-27
B-ABCT04-NPM04-90	72910-0404	20540510	1/4	1/4-18
B-ABCT04-NPM06-90	72910-0406	20540509	1/4	3/8-18
B-ABCT06-NPM02-90	72910-0602	20540507	3/8	1/8-27
B-ABCT06-NPM04-90	72910-0604	20540505	3/8	1/4-18
B-ABCT06-NPM06-90	72910-0606	20540503	3/8	3/8-18
B-ABCT08-NPM04-90	72910-0804	20540502	1/2	1/4-18
B-ABCT08-NPM06-90	72910-0806	20540501	1/2	3/8-18
B-ABCT08-NPM08-90	72910-0808	20540500	1/2	1/2-14
B-ABCT10-NPM08-90	72910-1008	20540499	5/8	1/2-14

Air Brake Compression Tube Insert – Brass



Descriptive #	Product #	SAP #	Tube OD (in.)
B-ABCTI04	72914-0004	20540579	1/4
B-ABCTI06	72914-0006	20540578	3/8
B-ABCTI08	72914-0008	20540577	1/2

Air Brake Compression Tube Nut – Brass



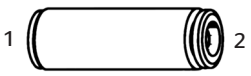
Descriptive #	Product #	SAP #	Tube OD (in.)
B-ABCTN04	72916-0004	20540576	1/4
B-ABCTN06	72916-0006	20540575	3/8
B-ABCTN08	72916-0008	20540574	1/2
B-ABCTN12	72916-0012	20540573	3/4

Air Brake Compression Tube Sleeve – Brass

Descriptive #	Product #	SAP #	Tube OD (in.)
B-ABCTS04	72918-0004	20540572	1/4
B-ABCTS06	72918-0006	20540571	3/8
B-ABCTS08	72918-0008	20540570	1/2
B-ABCTS10	72918-0010	20540569	5/8
B-ABCTS12	72918-0012	20540568	3/4

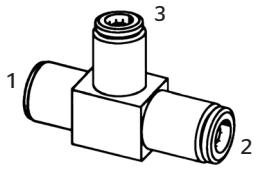
For Use With Nylon Air Brake Tubing

Air Brake Push-In Tube – Air Brake Push-In Tube – Brass



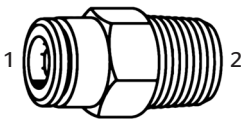
Descriptive #	Product #	SAP #	Tube OD 1 & 2
B-ABPT02.5-ABPT02.5	72935-02.5	20540552	5/32
B-ABPT04-ABPT04	72935-0404	20540556	1/4
B-ABPT06-ABPT06	72935-0606	20540554	3/8
B-ABPT08-ABPT08	72935-0808	20540553	1/2

Air Brake Push-In Tube Tee – Brass



Descriptive #	Product #	SAP #	Tube OD 1, 2 & 3
B-ABPT04-ABPT04-ABPT04	72937-0404	20540548	1/4
B-ABPT06-ABPT06-ABPT06	72937-0606	20540547	3/8
B-ABPT08-ABPT08-ABPT08	72937-0808	20540546	1/2

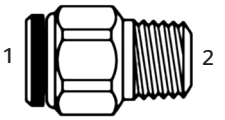
Air Brake Push-In Tube – NPTF, Male – Brass



Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 2 NPM
B-ABPT02.5-NPM01	72945-0251	20540534	5/32	1/16-27
B-ABPT02.5-NPM02	72945-0252	20540533	5/32	1/8-27

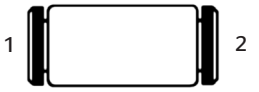
Not For Use On Air Brake Systems

Poly Push-In Tube – NPTF, Male – Brass



Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 2 NPM
B-PPT02-NPM02	72960-0202	20540541	1/8	1/8-27
B-PPT02.5-NPM02	72960-0252	20540540	5/32	1/8-27
B-PPT04-NPM02	72960-0402	20540539	1/4	1/8-27
B-PPT04-NPM04	72960-0404	20540537	1/4	1/4-18
B-PPT06-NPM04	72960-0604	20540531	3/8	1/4-18
B-PPT06-NPM06	72960-0606	20540529	3/8	3/8-18

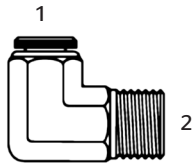
Poly Push-In Tube – Poly Push-In Tube – Brass



Descriptive #	Product #	SAP #	Tube OD 1	Tube OD 2
B-PPT02-PPT02	72967-0202	20540567	1/8	1/8
B-PPT02.5-PPT02.5	72967-02.5	20540566	5/32	5/32
B-PPT04-PPT04	72967-0404	20540565	1/4	1/4
B-PPT05-PPT05	72967-0505	20540563	5/16	5/16
B-PPT06-PPT06	72967-0606	20540562	3/8	3/8
B-PPT08-PPT08	72967-0808	20540560	1/2	1/2

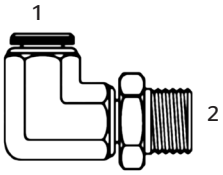
Not For Use On Air Brake Systems

Poly Push-In Tube – NPTF, Male, 90° Elbow – Brass



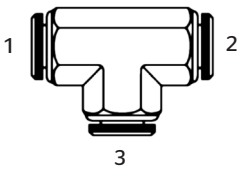
Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 2 NPM
B-PPT02-NPM02-90	72962-0202	20540514	1/8	1/8-27
B-PPT04-NPM02-90	72962-0402	20540513	1/4	1/8-27
B-PPT04-NPM04-90	72962-0404	20540511	1/4	1/4-18
B-PPT06-NPM02-90	72962-0602	20540508	3/8	1/8-27
B-PPT06-NPM04-90	72962-0604	20540506	3/8	1/4-18
B-PPT06-NPM06-90	72962-0606	20540504	3/8	3/8-18

Poly Push-In Tube – NPTF, Male, Swivel, 90° Elbow – Brass



Descriptive #	Product #	SAP #	Tube OD 1	Thread Size 2 NPM
B-PPT02-NPMX02-90	72965-0202	20540498	1/8	1/8-27
B-PPT02-NPMX04-90	72965-0204	20540497	1/8	1/4-18
B-PPT02.5-NPMX02-90	72965-0252	20540496	5/32	1/8-27
B-PPT04-NPMX02-90	72965-0402	20540495	1/4	1/8-27
B-PPT04-NPMX04-90	72965-0404	20540494	1/4	1/4-18
B-PPT06-NPMX04-90	72965-0604	20540493	3/8	1/4-18
B-PPT06-NPMX06-90	72965-0606	20540492	3/8	3/8-18

Poly Push-In Tube Tee – Brass



Descriptive #	Product #	SAP #	Tube OD 1, 2 & 3
B-PPT02-PPT02-PPT02	72970-0202	20540491	1/8
B-PPT02.5-PPT02.5-PPT02.5	72970-02.5	20540489	5/32
B-PPT04-PPT04-PPT04	72970-0404	20540487	1/4
B-PPT05-PPT05-PPT05	72970-0505	20540484	5/16
B-PPT06-PPT06-PPT06	72970-0606	20540482	3/8
B-PPT08-PPT08-PPT08	72970-0808	20540480	1/2

Conformance

- SAE J514 for hex nipples, expanders, elbows, tees and crosses
- SAE J514, J530 and J531 for bushings and plugs

Materials

- Steel – Carbon steel zinc plated with clear zinc

Working Pressures

- Recommended working pressures are in accordance with SAE J514.
- Note that the fitting connection may also be affected by the following factors:
  - # of threads engaged
  - Impulse
  - Vibration
  - Mechanical shock
  - Removal and reassembly
  - Thermal expansion and contraction
- SAE recommends sufficient testing be conducted to assure that performance levels will be safe and satisfactory on all NPTF pipe fittings, especially if installed in systems operating at elevated pressures or severe conditions.
- When using fittings with a different thread size or thread type, use the lower pressure rating of the two threads

Dash Size	NPTF Thread Size	Working Pressure (psi)
-1	1/16-27	5000
-2	1/8-27	5000
-4	1/4-18	5000
-6	3/8-18	4000
-8	1/2-14	3000
-12	3/4-14	2500
-16	1-11½	2000
-20	1¼-11½	1150
-24	1½-11½	1000
-32	2-11½	1000

NPTF Dry Seal Pipe Assembly Instructions.

Step 1 – Inspect port and fitting to ensure that both are free of contaminants and excessive burrs and nicks.

Step 2 – Apply a strip of an anaerobic liquid pipe sealant or 1½ to 2 turns of Teflon® tape around the male threads, leaving the first two threads uncovered. Note that Teflon® tape and sealants may affect some hydraulic components. Manufacturer's recommendations should be followed in order to avoid hydraulic system contamination.

Step 3 – Screw male threads, finger tight into the port.

Step 4 – Wrench tighten the fitting to the correct Turns Past Finger Tight (TPFT) position as shown in the table below. When installing elbows or tees, consider the final orientation position so as not to exceed the recommended TPFT. Connections, properly assembled, will require 3-6 turns. Caution: Never back off an installed pipe fitting to achieve proper alignment. Loosening installed pipe fittings will corrupt the seal and contribute to leakage and failure.

Dash Size	NPTF Thread Size	Turning Past Finger Tight (TPFT)
-1	1/16-27	1½-3
-2	1/8-27	1½-3
-4	1/4-18	1½-3
-6	3/8-18	1½-3
-8	1/2-14	1½-3
-12	3/4-14	1½-3
-16	1-11½	1-2½
-20	1¼-11½	1-2½
-24	1½-11½	1-2½
-32	2-11½	1-2½

Torque Installation

Torque installation of pipe fittings is not a recommended practice. Thread taper and quality, varying port and fitting materials, plating type and thickness, thread sealants, orientation and other factors can reduce the reliability of a torqued connection. If torque installation is required, refer to the following table for suggested torque values. Torque values are provided as a "benchmark", believed to give optimum results for leak free connections. Actual torque values should be based on individual application.

Dash Size	NPTF Thread Size	Torque (ft.-lb.)
-2	1/8-27	12
-4	14-18	25
-6	3/8-18	40
-8	1/2-14	54
-12	3/4-14	78
-16	1-11½	112
-20	1¼-11½	154
-24	1½-11½	211
-32	2-11½	300

See Steel-O-Ring Boss Adapters for assembly instructions and torque values for NPTF fittings with O-ring, straight threads.

Conformance
› SAE J514
› MS51500 – MS51534

Materials
› Steel – Carbon steel zinc plated.

Working Pressures
› Recommended working pressures are in accordance with SAE J514.
› Note that the fitting connection may also be affected by the following factors:
  › Number of threads engaged
  › Impulse
  › Vibration
  › Mechanical shock
  › Removal and reassembly
  › Thermal expansion and contraction
› SAE recommends sufficient testing be conducted to assure that performance levels will be safe and satisfactory on all JIC 37° Flared fittings, especially if installed in systems operating at elevated pressures or severe conditions.
› When using fittings with a different thread size or thread type, use the lower pressure rating of the two threads.

Dash Size	JIC 37° Thread Size	Working Pressure (psi)
-2	5/16-24	5000
-3	3/8-24	5000
-4	7/16-20	5000
-5	1/2-20	5000
-6	9/16-18	5000
-8	3/4-16	4500
-10	7/8-14	3500
-12	1 1/16-12	3500
-14	1 3/16-12	3000
-16	1 5/16-12	3000
-20	1 5/8-12	2500
-24	1 7/8-12	2000
-32	2 1/2-12	1500

JIC 37° Flare Fitting Assembly Instructions
Step 1 – Inspect fitting for possible contamination or damage from shipping or handling. The sealing surface should be smooth.

Step 2 – Lubricate the threads and the entire surface of the cone with hydraulic fluid or a light lubricant. Lubrication produces a more consistent coefficient of friction and increases the clamping force on the sealing surface with less torque on the threads.

Step 3 – Align mating components and turn flare nut until sealing surfaces makes full contact.

Step 4 – Tighten nut to the torque values shown below. If a wrench pad is provided, place a second wrench on the pad to prevent the flare from rotating when tightening. Torque values are provided as a "benchmark," believed to give optimum results for leak free connections. Actual torque values should be based on individual application

Dash Size	JIC 37° Thread Size	Torque (ft.-lb.)
-2	5/16-24	6-7
-3	3/8-24	6-9
-4	7/16-20	9-12
-5	1/2-20	14-15
-6	9/16-18	18-20
-8	3/4-16	27-39
-10	7/8-14	36-63
-12	1 1/16-12	65-88
-14	1 3/16-12	75-103
-16	1 5/16-12	85-113
-20	1 5/8-12	115-133
-24	1 7/8-12	125-167
-32	2 1/2-12	190-258

See Steel-O-Ring Face Seal Adapters or Steel Pipe Adaptors for proper torque values in connection with JIC 37° Adapters.

.

Conformance
- SAE J514
- SAE J1926/1, SAE J1926/3
- ISO 11926-1, ISO 11926-3

Materials
- Steel – Carbon steel zinc plated

Working Pressures
- Recommended working pressures are in accordance with SAE J514.
- Note that the fitting connection may also be affected by the following factors:
  - Number of threads engaged
  - Impulse
  - Vibration
  - Mechanical shock
  - Removal and reassembly
  - Thermal expansion and contraction
- SAE recommends sufficient testing be conducted to assure that performance levels will be safe and satisfactory on all steel O-ring Boss fittings, especially if installed in systems operating at elevated pressures or severe conditions.
- When using fittings with a different thread size or thread type, use the lower pressure rating of the two threads.

Dash Size	O-Ring Boss Thread Size	Working Pressure (psi)
-2	5/16-24	5000
-3	3/8-24	5000
-4	7/16-20	5000
-5	1/2-20	5000
-6	9/16-18	5000
-8	3/4-16	4500
-10	7/8-14	3500
-12	1 1/16-12	3500
-14	1 3/16-12	3000
-16	1 5/16-12	3000
-20	1 5/8-12	2500
-24	1 7/8-12	2000
-32	2 1/2-12	1500

Steel O-Ring Boss Assembly Instructions

Step 1 – Inspect all components for possible contamination or damage from shipping or handling. Sealing surfaces should be smooth.

Step 2 – Lubricate the threads and O-ring with hydraulic fluid or a light lubricant. Lubrication produces a more consistent coefficient of friction and increases the clamping force on the sealing surface with less torque on the threads.

Step 3 – Turn fitting into port until finger tight and torque to values shown in the following table. Torque values are provided as a "benchmark," believed to give optimum results for leak free connections. Actual torque values should be based on individual application.

Steel O-Ring Boss Installation Torque
SAE J514, SAE J1926/3
Light Duty – O-Ring Boss to JIC 37° Union

Dash Size	O-Ring Boss Thread Size	Torque (ft.-lb.)
-2	5/16-24	6-7
-3	3/8-24	6-9
-4	7/16-20	9-15
-5	1/2-20	14-19
-6	9/16-18	18-24
-8	3/4-16	27-43
-10	7/8-14	36-48
-12	1 1/16-12	65-75
-14	1 3/16-12	75-99
-16	1 5/16-12	85-123
-20	1 5/8-12	115-161
-24	1 7/8-12	125-170
-32	2 1/2-12	180-240

Steel O-Ring Boss Installation Torque
SAE J514, SAE J1926/3
Light Duty – O-Ring Boss to JIC 37° Union

Dash Size	O-Ring Boss Thread Size	Torque (ft.-lb.)
-3	3/8-24	8-10
-4	7/16-20	14-16
-5	1/2-20	18-20
-6	9/16-18	24-26
-8	3/4-16	40-60
-10	7/8-14	55-80
-12	1 1/16-12	95-135
-14	1 3/16-12	105-190
-16	1 5/16-12	120-220
-20	1 5/8-12	160-280
-24	1 7/8-12	175-360

Conformance
› SAE J518

Materials
› Steel – Per SAE J518 with black phosphate finish or plated zinc

Working Pressures
› Recommended working pressures are in accordance with SAE J517 or SAE J518 for steel, four-bolt solid and split flange fittings.
› Note that the fitting connection may also be affected by the following factors:
  › Number of threads engaged
  › Impulse
  › Vibration
  › Mechanical shock
  › Removal and reassembly
  › Thermal expansion and contraction
› SAE recommends sufficient testing be conducted to assure that performance levels will be safe and satisfactory on all steel flange fittings, especially if installed in systems operating at elevated pressures or severe conditions.
› When using flanged fittings with a threaded connection on one end, use the lower pressure rating of the two.

Four Bolt Code 61 Flange Working Pressure

Dash Size	Flange Head OD (in.)	Working Pressure (psi)
-8	1 3/16	5000
-12	1 1/2	5000
-16	1 3/4	5000
-20	2	4000
-24	2 3/8	3000
-32	2 13/16	3000
-40	3 5/16	2500
-48	4	2000
-56	4 1/2	500
-64	5	500
-80	6	500

Four Bolt Code 62 Flange Working Pressure

Dash Size	Flange Head OD (in.)	Working Pressure (psi)
-8	1 1/4	6000
-12	1 5/8	6000
-16	1 7/8	6000
-20	2 1/8	6000
-24	2 1/2	6000
-32	3 1/8	6000

Solid Four Bolt Flange Assembly Instructions
Step 1 – Inspect port to ensure area is free of nicks, burrs, scratches or contaminants.

Step 2 – Lubricate the O-ring with hydraulic oil or a light lubricant and place in the flange head groove.

Step 3 – Lubricate screw threads, slip lock washers onto screws and insert screws into flange. Lubrication produces a more consistent coefficient of friction and increases the clamping force on the sealing surface with less torque on the threads.

Step 4 – Position flange on port and finger tighten all screws.

Step 5 – Torque the screws in a figure eight sequence incrementally until the appropriate torque value in the following table is achieved. Torque values are provided as a "benchmark," believed to give optimum results for leak-free connections. Actual torque values should be based on individual application

Split Four Bolt Flange Assembly Instructions.
Step 1 – Follow steps 1 to 3 above.

Step 2 – Position both flange halves on the port and turn one screw in each flange half about 3 turns.

Step 3 – Rotate each flange half way from the port for sufficient clearance to position hose or fitting flange head on the port.

Step 4 – Close each flange half until it properly captures the flange head. Insert the remaining screws and finger tighten.

Step 5 – Torque the screws in a figure eight sequence incrementally until the appropriate torque value in the following table is achieved. Torque values are provided as a "benchmark," believed to give optimum results for leak free connections. Actual torque values should be based on individual application.

Dash Size	Port Size (in.)	Code 61 Torque (ft./lb.)	Code 62 Torque (ft./lb.)
-8	1/2	15-19	15-19
-12	3/4	20-29	25-33
-16	1	27-35	41-50
-20	1 1/4	35-46	62-75
-24	1 1/2	46-58	116-133
-32	2	53-67	200-217
-40	2 1/2	79	N/A
-48	3	137	N/A
-56	3 1/2	116	N/A
-64	4	116	N/A
-80	5	116	N/A

Conformance
› SAE J1453

Materials
› Steel – Carbon steel zinc plated

Working Pressures
› Recommended working pressures are in accordance with SAE J1453.
› Note that the fitting connection may also be affected by the following factors:
  › # of threads engaged
  › Impulse
  › Vibration
  › Mechanical shock
  › Removal and reassembly
  › Thermal expansion and contraction
› SAE recommends sufficient testing be conducted to assure that performance levels will be safe and satisfactory on all steel O-Ring Face Seal fittings, especially if installed in systems operating at elevated pressures or severe conditions.
› When using fittings with a different size or thread type, use the lower pressure rating of the two.

Dash Size	ORFS Thread Size	Working Pressure (psi)
-4	9/16-18	6000
-6	11/16-16	6000
-8	13/16-16	6000
-10	1-14	6000
-12	1 3/16-12	6000
-16	1 7/16-12	6000
-20	1 11/16-12	4000
-24	2-12	4000

O-Ring Face Seal Assembly Instructions

Step 1 – Inspect for possible contamination or damage from shipping or handling. Confirm face seal O-ring is properly installed.

Step 2 – Lubricate the threads and the O-ring with hydraulic oil or a light lubricant. Torque values are provided as a "benchmark," believed to give optimum results for leak-free connections. Actual torque values should be based on individual application.

Step 3 – Align mating face seal flange against the O-ring and finger tighten the face seal flange nut.

Step 4 – Torque flange nut to the value in the following table:

Dash Size	ORFS Thread Size	Torque (ft./lbs.)
-4	9/16-18	10-12
-6	11/16-16	18-20
-8	13/16-16	32-35
-10	1-14	45-50
-12	1 3/16-12	65-70
-16	1 7/16-12	92-100
-20	1 11/16-12	125-140
-24	2-12	150-165

See Steel-O-Ring Face Seal Adapters or Steel NPTF Pipe Adaptors for assembly instructions and torque values for the ORFS fittings with O-Ring Boss or NPTF threads.

Conformance
- SAE J514
- MS 51811 – MS51843

Materials
- Steel – Carbon steel with black phosphate finish or plated zinc. Sleeves are heat-treated carbon steel to sufficient hardness to ensure proper bite in stainless as well as carbon steel tubing.
- Stainless – type 316, sleeves are 17-4PH stainless.

Temperature
- Carbon steel – 800°F (426.7°C)
- Stainless steel – 1,000°F (537.8°C)

Working Pressures
The following table lists the recommended maximum working pressures for steel flareless tube fittings manufactured in accordance with SAE J514. Other factors such as thickness of tube, tube material, and port thread type and size must also be considered to determine the maximum pressure for the fitting. Use the pressure rating of the lowest rated material or component thread. Continental ContiTech and SAE recommend sufficient testing be conducted to assure that performance levels will be safe and satisfactory, especially if installed in systems operating at elevated pressures or in severe conditions.

Recommended No-Flare JIC Tube Assembly Instructions

Step 1. Cut tube square and deburr inside and outside. Flush away any contaminants.

Step 2. Inspect components for damage or contamination.

Step 3. Lubricate nut, sleeve and fitting threads.

Step 4. Slide nut and sleeve onto tube with the small side of sleeve inside the nut.

Step 5. Place end of tube against JIC cone of fitting.

Step 6. Finger tighten nut, then wrench tighten nut 1¼ revolutions beyond finger tight for sizes -3 through -10, and 1½ turns beyond finger tight sizes -12 through -32.

Recommended J514 Flareless Tube Assembly Instructions

Step 1. Cut tube square and deburr inside and outside. Flush away any contaminants.

Step 2. Inspect components for damage or contamination.

Step 3. Lubricate the inside of nut and all surfaces of the sleeve, slide nut onto tube with smaller opening first. Slide sleeve onto tube with the largest end first.

Step 4. Insert tube into fitting pilot and finger tighten nut and sleeve onto fitting.

Step 5. Wrench tighten nut until sleeve just begins to grip the tube. A significant increase in resistance will occur.

Step 6. Tighten one full revolution.

Maximum Working Pressure for Flareless Tube Connections

Dash Size	Flared Thread Size	4 to 1 Minimum Burst psi
-02	5/16-24	6000
-03	3/8-24	6000
-04	7/16-20	6000
-05	1/2-20	6000
-06	9/16-18	6000
-08	3/4-16	5000
-10	7/8-14	5000
-12	1 1/16-12	4500
-14	1 3/16-12	4000
-16	1 5/16-12	4000
-20	1 5/8-12	3000
-24	1 7/8-12	2000
-32	2 1/2-12	1500

Materials
› Sizes – ¼" through 2" pipe sizes
› Connection types: JIC, O-Ring Boss, Pipe

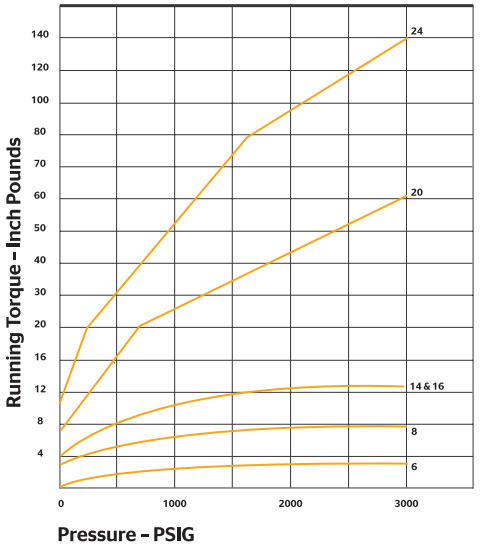
Temperature Range
› -40°F to 200°F (-40°C to 93.3°C)

Working Pressure
› Up to 3,000 psi

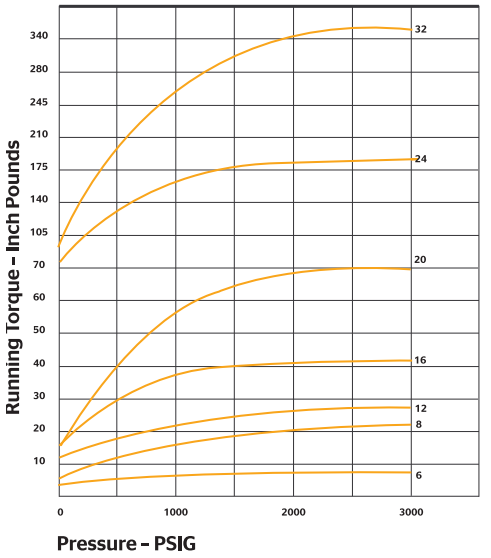
Application/Installation
› Swivel connections are typically used in low speed rotation or oscillation applications within a fluid power system. Maximum speed of rotation/oscillation depends upon system environment, fluid type, along with temperature and pressure being of prime consideration.

› The swivel should not be used as a load bearing or structural member. Questionable applications should be tested in the lab prior to field installation. Contamination should be avoided and connection lines and associated fluid products should not cause undue loading

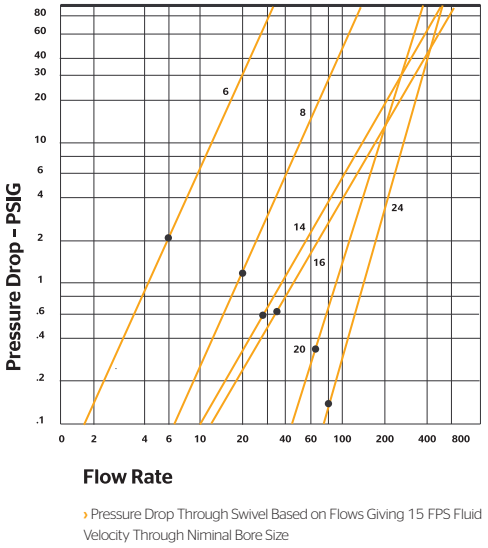
Rotational Torque vs Pressure – In Line



Rotational Torque vs Pressure – 90°

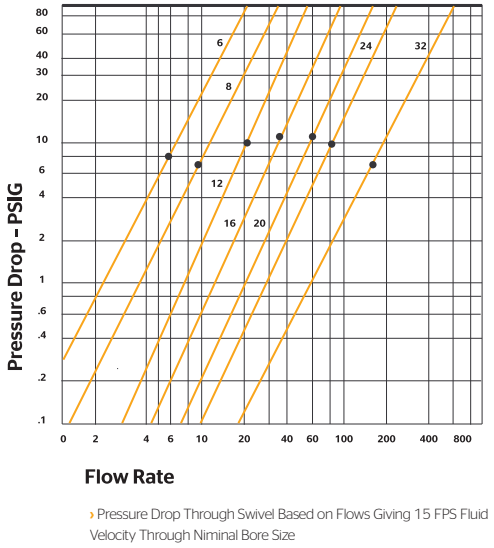


Pressure Drop vs Flow (GPM) – In-Line



› Pressure Drop Through Swivel Based on Flows Giving 15 FPS Fluid Velocity Through Niminal Bore Size

Pressure Drop vs Flow (GPM) – 90°



› Pressure Drop Through Swivel Based on Flows Giving 15 FPS Fluid Velocity Through Niminal Bore Size

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