



Moulding Components and Fittings





“Made to order” hydraulic hose assemblies with quick turn around, will pickup and deliver

At PMS-C:
we won't hose you ...
we won't soak you ...
we will shower you with...

Value, Quality & GLOBALLY Competitive PRICING



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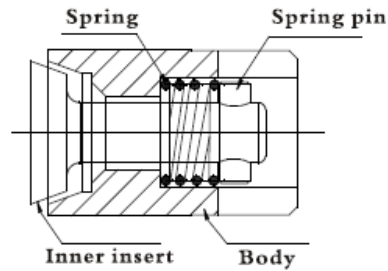
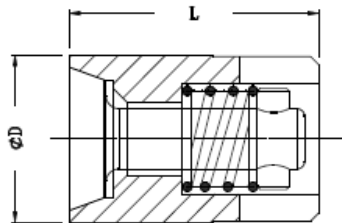


Imperial Air Valves



Material: SUS420
 Hardness: 42 HRc
 Pressure: 60 psi

Part No.	D +0.0003 -0.0000	L +0.002 -0.000
PPV-025	.2504	.375
PPV-037	.3755	.375
PPV-050	.5005	.500
PPV-075	.7504	.750
PPV-100	1.0004	1.000
PPV-150	1.5008	1.500

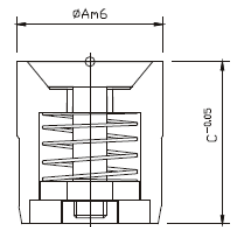
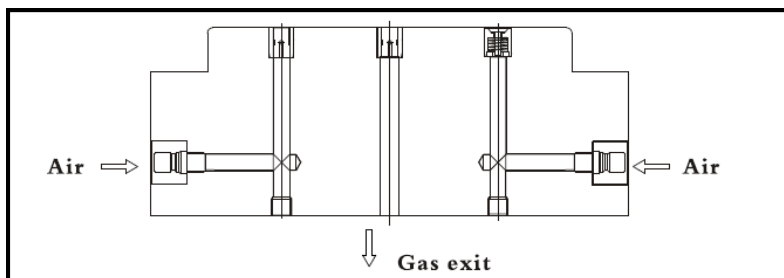


Metric Air Valves

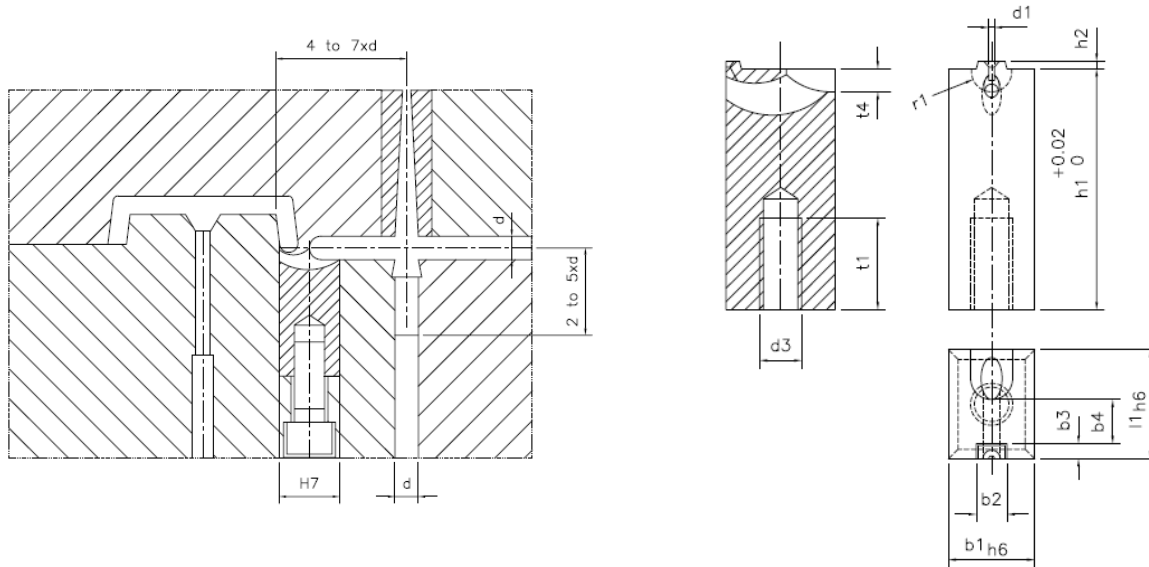


Material: SUS420
 Hardness: 42 HRc
 Pressure: 60 psi

Part No.	A	C
VVA-065212	6	12
VVA-086512	8	12
VVA-100812	10	12
VVA-121012	12	12
VVA-161320	16	20
VVA-201720	20	20



Square Gate Inserts

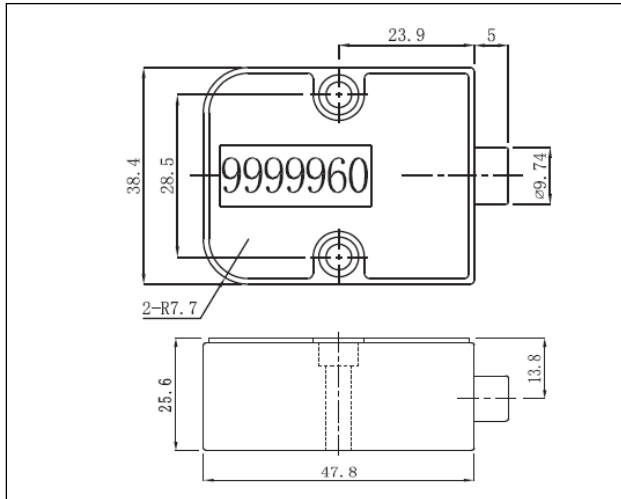


Material: 718

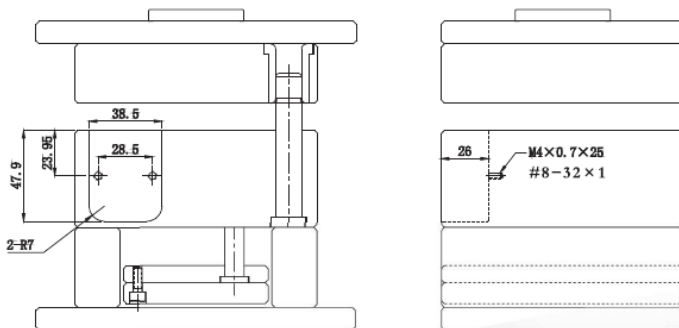
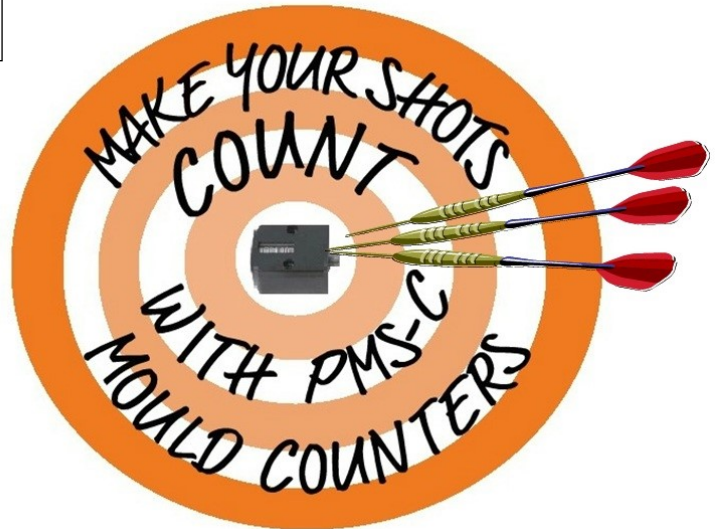
Part No.	d1	l1	b1	h1	r1	t1	t4	b2	b3	b4	d3	h2
LRD 8 x17	0.4	8	6	17	1.5	8	2	2.6	1.3	3.7	M4	0.8
	0.6											
	0.8											
LRD 10 x 22	0.6	10	8	22	2	8	2	2.6	1.3	3.7	M4	0.8
	0.8											
	1.0											
LRD 12 x 10	0.6	12	10	27	2.25	10	2.25	3.0	1.5	4.5	M5	0.8
	0.8											
	1.0											
LRD 15 x 12	0.8	15	12	27	2.5	10	2.5	3.5	1.75	5	M6	0.8
	1.0											
	1.2											



Mould Shot Counter



Part No.
MC-100



Installation instructions:

Counters are installed as shown.
 Non-resettable 7 digit counters.
 Screws included.



Ejector Pins

Straight	Part No.	Pin Diameter	Head Diameter	Head Thickness	Length
	EEX-1/16-10	1/16	.250	.125	10
	EEX-3/32-10	3/32	.250	.125	10
	EEX-1/8-10	1/8	.250	.125	10
	EEX-5/32-10	5/32	.281	.156	10
	EEX-3/16-10	3/16	.375	.187	10
	EEX-7/32-10	7/32	.406	.187	10
	EEX-1/4-10	1/4	.437	.187	10
	EEX-9/32-10	9/32	.437	.250	10
	EEX-5/16-10	5/16	.500	.250	10
EEX-3/8-10	3/8	.625	.250	10	

Material: SKD-61
 Surface Treatment: Nitrided
 Surface Hardness : 54-65 HRC
 Core Hardness: 48-52 HRC



Brass Extension Plugs

200 Series	Part No.	L	Pipe Thread Size	Hex Size
	PMS-251 x 4	4	1/8	7/16
	PMS-251 x 6	6	1/8	7/16
	PMS-251 x 8	8	1/8	7/16
	PMS-252 x 4	4	1/4	9/16
	PMS-252 x 6	6	1/4	9/16
	PMS-252 x 8	8	1/4	9/16
	PMS-253 x 4	4	3/8	11/16
	PMS-253 x 6	6	3/8	11/16
	PMS-253 x 8	8	3/8	11/16



300 Series	Part No.	L	Pipe Thread Size	Hex Size
	PMS-351 x 4	4	1/8	9/16
	PMS-351 x 6	6	1/8	9/16
	PMS-351 x 8	8	1/8	9/16
	PMS-352 x 4	4	1/4	9/16
	PMS-352 x 6	6	1/4	9/16
	PMS-352 x 8	8	1/4	9/16
	PMS-353 x 4	4	3/8	11/16
	PMS-353 x 6	6	3/8	11/16
	PMS-353 x 8	8	3/8	11/16

Brass Connector Plugs

MALE				FEMALE			Used with Sockets
Part No.	Pipe Thread	Hole Ø	Part No.	Pipe Thread	Hole Ø		
200 Series	PMS-250	1/16 NPT	3/16	PMS-0250F	1/16 NPT	1/4	PMS 204 to PMS 226
	PMS-251	1/8 NPT	1/4	PMS-0251F	1/8 NPT	1/4	
	PMS-252	1/4 NPT	1/4	PMS-0252F	1/4 NPT	1/4	
	PMS-253	3/8 NPT	1/4	PMS-0253F	3/8 NPT	1/4	
300 Series	PMS-351	1/8 NPT	1/4	PMS-0351F	1/8 NPT	11/32	PMS 306 to PMS 328
	PMS-352	1/4 NPT	3/8	PMS-0352F	1/4 NPT	3/8	
	PMS-353	3/8 NPT	3/8	PMS-0353F	3/8 NPT	3/8	
	PMS-354	1/2 NPT	3/8	PMS-0354F	1/2 NPT	3/8	
500 Series	PMS-553	3/8 NPT	7/16	PMS-0553F	3/8 NPT	9/16	PMS 504 to PMS 526
	PMS-554	1/2 NPT	5/8	PMS-0554F	1/2 NPT	5/8	
	PMS-556	3/4 NPT	5/8	PMS-0556F	3/4 NPT	5/8	



Brass Baffles

Straight	Part No.	L	Plug Size	Hex Size	Baffle Thickness	Baffle Width
	BB-104	4	1/8	3/16	1/16	.307
	BB-108	8	1/8	3/16	1/16	.307
	BB-205	5	1/4	1/4	3/32	.432
	BB-2010	10	1/4	1/4	3/32	.432
	BB-406	6	3/8	5/16	3/32	.557
	BB-4012	12	3/8	5/16	3/32	.557
	BB-608	8	1/2	3/8	3/32	.682
	BB-6016	16	1/2	3/8	3/32	.682
	BB-10012	12	3/4	9/16	1/8	.932
BB-10020	20	3/4	9/16	1/8	.932	



Brass Socket Connector



Description	Part No.	Fits Hose I.D.	Hole Ø
Straight Stem	PMS-204	1/4	3/16
	PMS-205	5/16	1/4
	PMS-206	3/8	1/4
	PMS-306	3/8	1/4
	PMS-308	1/2	3/8
	PMS-504	1/2	3/8
	PMS-506	3/4	5/8
90° Stem	PMS-214	1/4	3/16
	PMS-215	5/16	1/4
	PMS-216	3/8	1/4
	PMS-316	3/8	1/4
	PMS-318	1/2	3/8
	PMS-514	1/2	3/8
	PMS-516	3/4	9/16
45° Stem	PMS-224	1/4	3/16
	PMS-225	5/16	1/4
	PMS-226	3/8	1/4
	PMS-326	3/8	1/4
	PMS-328	1/2	3/8
	PMS-524	1/2	3/8
	PMS-526	3/4	9/16

Connector Seals



Silica	Viton
PMS-200-6	PMS-200-8
PMS-300-6	PMS-300-8
PMS-500-6	PMS-500-8



Brass Pressure Plugs

Part No.	Pipe Thread	Length	Hex Size	Thread Taps (inch)	Tap Drill
PMS 10	1/8 NPT	.250	3/16	27	21/64
PMS 20	1/4 NPT	.406	1/4	18	27/64
PMS 40	3/8 NPT	.406	5/16	18	9/16
PMS 60	1/2 NPT	.531	3/8	14	11/16
PMS 100	3/4 NPT	.531	9/16	14	57/64
PMS 140	1 NPT	.656	5/8	11.5	1 1/8



Brass Pipe Fittings



Description	Part No.	NPT
90° Female Elbow	BP9F-A	1/8
	BP9F-B	1/4
	BP9F-C	3/8
	BP9F-D	1/2
45° Female Elbow	BP4F-A	1/8
	BP4F-B	1/4
Female Tee	BPTF-A	1/8
	BPTF-B	1/4
	BPTF-C	3/8
	BPTF-D	1/2
Female Cross	BPXF-A	1/8
	BPXF-B	1/4
	BPXF-C	3/8
	BPXF-D	1/2
Female Coupling	BPCF-A	1/8
	BPCF-B	1/4
	BPCF-C	3/8
	BPCF-D	1/2
	BPCF-E	3/4

Description	Part No.	NPT
Cap	BPC-A	1/8
	BPC-B	1/4
	BPC-C	3/8
	BPC-D	1/2
	BPC-E	3/4
Square Head Plug	BPSP-A	1/8
	BPSP-B	1/4
	BPSP-C	3/8
	BPSP-D	1/2
Hex Head Plug	BPHP-A	1/8
	BPHP-B	1/4
	BPHP-C	3/8
	BPHP-D	1/2



Description	Part No.	M X F
Pipe Bushing	BPB-BA	1/4 x 1/8
	BPB-CB	3/8 x 1/4
	BPB-DA	1/2 x 1/8
	BPB-DB	1/2 x 1/4
	BPB-DC	1/2 x 3/8
	BPB-EA	3/4 x 1/8
	BPB-EB	3/4 x 1/4
	BPB-EC	3/4 x 3/8
	BPB-ED	3/4 x 1/2



Description	Part No.	F X M
Pipe Adaptor	BPA-AA	1/8 x 1/8
	BPA-BA	1/4 x 1/8
	BPA-BB	1/4 x 1/4
	BPA-CB	3/8 x 1/4
	BPA-CC	3/8 x 3/8
	BPA-DC	1/2 x 3/8
BPA-DD	1/2 x 1/2	



Max. Working Pressure:
 1. Bar stock, Extruded and Forged:
 Fittings up to 3/4 NPT, 1200 psi
 2. Cast: 125 psi
Temperature Range: -65 ° to 250 °F
Recommended Assembly:
 Hand tighten then turn 2 1/2—3 1/2 turns with wrench



Brass Pipe Fittings



Description	Part No.	NPT (all)
90° Street Elbow Extruded	BPE9S-A	1/8
	BPE9S-B	1/4
	BPE9S-C	3/8
	BPE9S-D	1/2
	BPE9S-E	3/4
45° Street Elbow Extruded	BPE4S-A	1/8
	BPE4S-B	1/4
	BPE4S-C	3/8
	BPE4S-D	1/2



Hex Nipple	Part No.	PIPE SIZE
	BPHN-A	1/8
	BPHN-B	1/4
	BPHN-C	3/8
	BPHN-D	1/2
	BPHN-BA	1/4 x 1/8
	BPHN-CB	3/8 x 1/4
	BPHN-DC	1/2 x 3/8
	BPHN-ED	3/4 x 1/2



Description	Part No.	NPT (all)
Branch Tee	BPBT-A	1/8
	BPBT-B	1/4
	BPBT-C	3/8
	BPBT-D	1/2
Run (Street) Tee	BPRT-A	1/8
	BPRT-B	1/4
	BPRT-C	3/8
	BPRT-D	1/2



Product	Part No.	Description
Teflon Tape	TT-M8	1/2" x 520"
HD Pink Tape	TTH-M8	1/2" x 260"



Brass Pipe Nipples

LONG 1/8" - 3/4" NPT	L	1/8 — 27 NPT	1/4 — 18 NPT	3/8 — 18 NPT	1/2 — 14 NPT	3/4 — 14 NPT
	1 1/2	BPNL-A11/2	BPNL-B11/2	BPNL-C11/2	BPNL-D11/2	BPNL-E11/2
	2	BPNL-A2	BPNL-B2	BPNL-C2	BPNL-D2	BPNL-E2
	2 1/2	BPNL-A21/2	BPNL-B21/2	BPNL-C21/2	BPNL-D21/2	BPNL-E21/2
	3	BPNL-A3	BPNL-B3	BPNL-C3	BPNL-D3	BPNL-E3
	3 1/2	BPNL-A31/2	BPNL-B31/2	BPNL-C31/2	BPNL-D31/2	BPNL-E31/2
	4	BPNL-A4	BPNL-B4	BPNL-C4	BPNL-D4	BPNL-E4
	4 1/2	BPNL-A41/2	BPNL-B41/2	BPNL-C41/2	BPNL-D41/2	BPNL-E41/2
	5	BPNL-A5	BPNL-B5	BPNL-C5	BPNL-D5	BPNL-E5
	5 1/2	BPNL-A51/2	BPNL-B51/2	BPNL-C51/2	BPNL-D51/2	BPNL-E51/2
6	BPNL-A6	BPNL-B6	BPNL-C6	BPNL-D6	BPNL-E6	


LONG 1" - 1 1/2" NPT	L	1 — 11 1/2 NPT	1 1/4 — 11 1/2 NPT	1 1/2 — 11 1/2 NPT
	2	BPNL-F2	BPNL-G2	BPNL-H2
	2 1/2	BPNL-F21/2	BPNL-G21/2	BPNL-H21/2
	3	BPNL-F3	BPNL-G3	BPNL-H3
	3 1/2	BPNL-F31/2	BPNL-G31/2	BPNL-H31/2
	4	BPNL-F4	BPNL-G4	BPNL-H4
	4 1/2	BPNL-F41/2	BPNL-G41/2	BPNL-H41/2
	5	BPNL-F5	BPNL-G5	BPNL-H5
	5 1/2	BPNL-F51/2	BPNL-G51/2	BPNL-H51/2
	6	BPNL-F6	BPNL-G6	BPNL-H6





Close Nipple	Part No.	PIPE SIZE
	BPNS-A	1/8
	BPNS-B	1/4
	BPNS-C	3/8
	BPNS-D	1/2
	BPNS-E	3/4
	BPNS-F	1
	BPNS-G	1 1/4
	BPNS-H	1 1/2
	BPNS-I	2





Brass Hose Barbs

Male Hose Barb	Part No.	Hose ID x MPT
	BHBM-4A	1/4 x 1/8
	BHBM-4B	1/4 x 1/4
	BHBM-4C	1/4 x 3/8
	BHBM-4D	1/4 x 1/2
	BHBM-5A	5/16 x 1/8
	BHBM-5B	5/16 x 1/4
	BHBM-5C	5/16 x 3/8
	BHBM-6A	3/8 x 1/8
	BHBM-6B	3/8 x 1/4
	BHBM-6C	3/8 x 3/8
	BHBM-6D	3/8 x 1/2
	BHBM-6E	3/8 x 3/4
	BHBM-8B	1/2 x 1/4
	BHBM-8C	1/2 x 3/8
	BHBM-8D	1/2 x 1/2
	BHBM-8E	1/2 x 3/4
BHBM-10C	5/8 x 3/8	
BHBM-10D	5/8 x 1/2	
BHBM-10E	5/8 x 3/4	
BHBM-12D	3/4 x 1/2	
BHBM-12E	3/4 x 3/4	
BHBM-16E	1 x 3/4	

Male Hose Barb Elbow 45°	Part No.	Hose ID x MPT
	BHB4M-6A	3/8 x 1/8
	BHB4M-6B	3/8 x 1/4
	BHB4M-6C	3/8 x 3/8

Part No.	Hose ID	Hose Barb Splicer
BHBS-3	3/16	
BHBS-4	1/4	
BHBS-5	5/16	
BHBS-6	3/8	
BHBS-8	1/2	

Part No.	Hose ID x MPT	Male Hose Barb Elbow 90°
BHB9M-4A	1/4 x 1/8	
BHB9M-4B	1/4 x 1/4	
BHB9M-6B	3/8 x 1/4	
BHB9M-6C	3/8 x 3/8	
BHB9M-8B	1/2 x 1/4	
BHB9M-8C	1/2 x 3/8	
BHB9M-10C	5/8 x 3/8	
BHB9M-10D	5/8 x 1/2	

Part No.	Hose ID x FPT	Female Hose Barb
BHBF-4A	1/4 x 1/8	
BHBF-4B	1/4 x 1/4	
BHBF-5B	5/16 x 1/4	
BHBF-6A	3/8 x 1/8	
BHBF-6B	3/8 x 1/4	
BHBF-6C	3/8 x 3/8	
BHBF-6D	3/8 x 1/2	
BHBF-8C	1/2 x 3/8	
BHBF-8D	1/2 x 1/2	

Recommended Max. Working Pressure: 150 psi


Temperature Range: -40 ° to 160 °F


Recommended Assembly:


1. Cut hose squarely to length
2. Slide hose clamp or Ferrule onto hose
3. Lubricate hose barb
4. Push hose onto barb until it bottoms onto hex or shoulder
5. Place hose approx., 1/4" back from hex and tighten or crimp ferrule





Brass Hose Barbs — Lock On


Male Hose Barb	Part No.	Hose ID x MPT
	BLOM-4A	1/4 x 1/8
	BLOM-4B	1/4 x 1/4
	BLOM-6A	3/8 x 1/8
	BLOM-6B	3/8 x 1/4
	BLOM-6C	3/8 x 3/8
	BLOM-6D	3/8 x 1/2
	BLOM-8B	1/2 x 1/4
	BLOM-8C	1/2 x 3/8
	BLOM-8D	1/2 x 1/2
	BLOM-10D	5/8 x 1/2
	BLOM-12E	3/4 x 3/4


Part No.	Hose ID	Hose Barb Splicer
BLOS-4	1/4	
BLOS-6	3/8	
BLOS-8	1/2	
BLOS-10	5/8	
BLOS-12	3/4	

Part No.	Hose ID x MJIC	Male JIC Hose Barb
BLOM37-44	1/4 x 1/4	
BLOM37-66	3/8 x 3/8	
BLOM37-88	1/2 x 1/2	

Female Hose Barb	Part No.	Hose ID x FPT
	BLOF-4A	1/4 x 1/8
	BLOF-4B	1/4 x 1/4
	BLOF-6B	3/8 x 1/4
	BLOF-6C	3/8 x 3/8
	BLOF-8C	1/2 x 3/8
	BLOF-8D	1/2 x 1/2

Part No.	Hose ID x FJIC	Female JIC Swivel Hose Barb
BLOF37-44	1/4 x 1/4	
BLOF37-66	3/8 x 3/8	
BLOF37-88	1/2 x 1/2	
BLOF37-1010	5/8 x 5/8	
BLOF37-1212	3/4 x 3/4	

Male SAE Hose Barb	Part No.	Hose ID x MSAE
	BLOM45-44	1/4 x 1/4
	BLOM45-66	3/8 x 3/8
	BLOM45-88	1/2 x 1/2

Female SAE Swivel Hose Barb	Part No.	Hose ID x FSAE
	BLOF45-44	1/4 x 1/4
	BLOF45-66	3/8 x 3/8
	BLOF45-68	3/8 x 1/2
	BLOF45-88	1/2 x 1/2
	BLOF45-1010	5/8 x 5/8
	BLOF45-1212	3/4 x 3/4

Working Pressure: Up to 350 psi, reference to pressure on hose being used

Temperature Range: -40 ° to 200 °F depending on hose used

Recommended Assembly:


1. Cut hose square
2. Lubricate barb end
3. Clamp fitting in vise and push hose straight onto barb until hose is protected under dust cover
4. Place hose approx., 1/4" back from hex and tighten or crimp ferrule



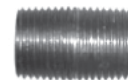
Galvanized Pipe Fittings



NPT	45° Elbow	90° Elbow	Female "T"	Female Coupling	Cap Female	Square Head Plug	Hex Plug
1/8	GP4F-A	GP9F-A	GPTF-A	GPCF-A	GPC-A	GSHP-A	GHP-A
1/4	GP4F-B	GP9F-B	GPTF-B	GPCF-B	GPC-B	GSHP-B	GHP-B
3/8	GP4F-C	GP9F-C	GPTF-C	GPCF-C	GPC-C	GSHP-C	GHP-C
1/2	GP4F-D	GP9F-D	GPTF-D	GPCF-D	GPC-D	GSHP-D	GHP-D
3/4	GP4F-E	GP9F-E	GPTF-E	GPCF-E	GPC-E	GSHP-E	GHP-E
1	GP4F-F	GP9F-F	GPTF-F	GPCF-F	GPC-F	GSHP-F	GHP-F
1 1/4	GP4F-G	GP9F-G	GPTF-G	GPCF-G	GPC-G	GSHP-G	GHP-G
1 1/2	GP4F-H	GP9F-H	GPTF-H	GPCF-H	GPC-H	GSHP-H	GHP-H

Description	Part No.	M X F
 Pipe Bushing	GPB-BA	1/4 x 1/8
	GPB-CB	3/8 x 1/4
	GPB-DA	1/2 x 1/8
	GPB-DB	1/2 x 1/4
	GPB-DC	1/2 x 3/8
	GPB-EA	3/4 x 1/8
	GPB-EB	3/4 x 1/4
	GPB-EC	3/4 x 3/8
	GPB-ED	3/4 x 1/2
	GPB-FD	1 x 1/2
GPB-FE	1 x 3/4	

Close Nipple	Part No.	NPT	Length
	GCN-A	1/8	3/4
	GCN-B	1/4	7/8
	GCN-C	3/8	1
	GCN-D	1/2	1 1/8
	GCN-E	3/4	1 3/8
	GCN-F	1	1 1/2
	GCN-G	1 1/4	1 5/8
	GCN-H	1 1/2	1 3/4



Galvanized Fittings are Schedule 40
 Additional Sizes are available, please inquire.
 90 deg Galvanized Street Elbows are available:
 When ordering, replace GP9F with GP9S.



Galvanized Pipe Fittings

LONG NIPPLES 1/8" - 3/4" NPT	L	1/8" NPT	1/4" NPT	3/8" NPT	1/2" NPT	3/4" NPT
	1 1/2	GPN-A1 1/2	GPN-B11/2	GPN-C11/2	GPN-D11/2	GPN-E11/2
	2	GPN-A2	GPN-B2	GPN-C2	GPN-D2	GPN-E2
	2 1/2	GPN-A21/2	GPN-B21/2	GPN-C21/2	GPN-D21/2	GPN-E21/2
	3	GPN-A3	GPN-B3	GPN-C3	GPN-D3	GPN-E3
	3 1/2	GPN-A31/2	GPN-B31/2	GPN-C31/2	GPN-D31/2	GPN-E31/2
	4	GPN-A4	GPN-B4	GPN-C4	GPN-D4	GPN-E4
	4 1/2	GPN-A41/2	GPN-B41/2	GPN-C41/2	GPN-D41/2	GPN-E41/2
	5	GPN-A5	GPN-B5	GPN-C5	GPN-D5	GPN-E5
	5 1/2	GPN-A51/2	GPN-B51/2	GPN-C51/2	GPN-D51/2	GPN-E51/2
	6	GPN-A6	GPN-B6	GPN-C6	GPN-D6	GPN-E6
	7	GPN-A7	GPN-B7	GPN-C7	GPN-D7	GPN-E7
	8	GPN-A8	GPN-B8	GPN-C8	GPN-D8	GPN-E8
	9	GPN-A9	GPN-B9	GPN-C9	GPN-D9	GPN-E9
10	GPN-A10	GPN-B10	GPN-C10	GPN-D10	GPN-E10	
11	GPN-A11	GPN-B11	GPN-C11	GPN-D11	GPN-E11	
12	GPN-A12	GPN-B12	GPN-C12	GPN-D12	GPN-E12	

LONG NIPPLES 1" - 2" NPT	L	1" NPT	1 1/4" NPT	1 1/2" NPT	2" NPT
	2	GPN-F2	GPN-G2	GPN-H2	
	2 1/2	GPN-F21/2	GPN-G21/2	GPN-H21/2	GPN-I21/2
	3	GPN-F3	GPN-G3	GPN-H3	GPN-I3
	3 1/2	GPN-F31/2	GPN-G31/2	GPN-H31/2	GPN-I31/2
	4	GPN-F4	GPN-G4	GPN-H4	GPN-I4
	4 1/2	GPN-F41/2	GPN-G41/2	GPN-H41/2	GPN-I41/2
	5	GPN-F5	GPN-G5	GPN-H5	GPN-I5
	5 1/2	GPN-F51/2	GPN-G51/2	GPN-H51/2	GPN-I51/2
	6	GPN-F6	GPN-G6	GPN-H6	GPN-I6
	7	GPN-F7	GPN-G7	GPN-H7	GPN-I7
	8	GPN-F8	GPN-G8	GPN-H8	GPN-I8
	9	GPN-F9	GPN-G9	GPN-H9	GPN-I9
10	GPN-F10	GPN-G10	GPN-H10	GPN-I10	
11	GPN-F11	GPN-G11	GPN-H11	GPN-I11	
12	GPN-F12	GPN-G12	GPN-H12	GPN-I12	



Air Couplers

For easy identification of popular pneumatic quick couplings use these actual size silhouettes

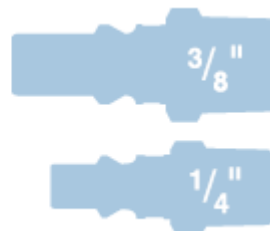
Automotive Interchange



Industrial Interchange









Aro Interchange



Air Couplers

Automotive Interchange




COUPLERS			
Description	Part No.	Body Size	NPT
 Male	AI C4M-B	1/4	1/4
	AI C4M-C	1/4	3/8
	AI C6M-B	3/8	1/4
	AI C6M-C	3/8	3/8
	AI C6M-D	3/8	1/2
	AI C8M-C	1/2	3/8
	AI C8M-D	1/2	1/2
 Female	AI C4F-B	1/4	1/4
	AI C4F-C	1/4	3/8
	AI C6F-B	3/8	1/4
	AI C6F-C	3/8	3/8
	AI C6F-D	3/8	1/2
	AI C8F-C	1/2	3/8
	AI C8F-D	1/2	1/2
Description	Part No.	Body Size	Hose ID
 Hose	AI C4H-B	1/4	1/4
	AI C4H-C	1/4	3/8
	AI C6H-C	3/8	3/8
	AI C6H-D	3/8	1/2
	AI C8H-C	1/2	3/8
	AI C8H-D	1/2	1/2




NIPPLES				
Description	Part No.	Body Size	NPT	
 Male	AI N4M-A	1/4	1/8	
	AI N4M-B	1/4	1/4	
	AI N4M-C	1/4	3/8	
	AI N6M-B	3/8	1/4	
	AI N6M-C	3/8	3/8	
	AI N6M-D	3/8	1/2	
	AI N8M-C	1/2	3/8	
	AI N8M-D	1/2	1/2	
	 Female	AI N4F-B	1/4	1/4
AI N4F-C		1/4	3/8	
AI N6F-B		3/8	1/4	
AI N6F-C		3/8	3/8	
AI N8F-C		1/2	3/8	
AI N8F-D		1/2	1/2	
Description		Part No.	Body Size	Hose ID
 Hose		AI HBN4-B	1/4	1/4
	AI HBN4-C	1/4	3/8	
	AI HBN6-B	3/8	1/4	
	AI HBN6-C	3/8	3/8	
	AI HBN6-D	3/8	1/2	
	AI HBN8-D	1/2	1/2	



Air Couplers

Industrial Interchange

COUPLERS			
Description	Part No.	Body Size	NPT
 Male	IIC C4M-B	1/4	1/4
	IIC C4M-C	1/4	3/8
	IIC C6M-B	3/8	1/4
	IIC C6M-C	3/8	3/8
	IIC C6M-D	3/8	1/2
	IIC C8M-C	1/2	3/8
	IIC C8M-D	1/2	1/2
	 Female	IIC C4F-B	1/4
IIC C4F-C		1/4	3/8
IIC C6F-B		3/8	1/4
IIC C6F-C		3/8	3/8
IIC C6F-D		3/8	1/2
IIC C8F-C		1/2	3/8
IIC C8F-D		1/2	1/2
Description		Part No.	Body Size
 Hose	IIC C4H-B	1/4	1/4
	IIC C4H-C	1/4	3/8
	IIC C6H-B	3/8	1/4
	IIC C6H-C	3/8	3/8
	IIC C6H-D	3/8	1/2
	IIC C8H-C	1/2	3/8
	IIC C8H-D	1/2	1/2

NIPPLES				
Description	Part No.	Body Size	NPT	
 Male	IIC N4M-A	1/4	1/8	
	IIC N4M-B	1/4	1/4	
	IIC N4M-C	1/4	3/8	
	IIC N6M-B	3/8	1/4	
	IIC N6M-C	3/8	3/8	
	IIC N6M-D	3/8	1/2	
	IIC N8M-B	1/2	1/4	
	IIC N8M-C	1/2	3/8	
	IIC N8M-D	1/2	1/2	
	 Female	IIC N4F-A	1/4	1/8
IIC N4F-B		1/4	1/4	
IIC N4F-C		1/4	3/8	
IIC N6F-B		3/8	1/4	
IIC N6F-C		3/8	3/8	
IIC N6F-D		3/8	1/2	
IIC N8F-C		1/2	3/8	
IIC N8F-D		1/2	1/2	
Description		Part No.	Body Size	Hose ID
 Hose		IIC HBN4-B	1/4	1/4
	IIC HBN4-C	1/4	3/8	
	IIC HBN6-B	3/8	1/4	
	IIC HBN6-C	3/8	3/8	
	IIC HBN6-D	3/8	1/2	
	IIC HBN8-C	1/2	3/8	
	IIC HBN8-D	1/2	1/2	



Air Couplers

Aro Interchange



Male Coupler		
Part No.	Body Size	NPT
ARO C4M-B	1/4	1/4
ARO C4M-C	1/4	3/8



Female Coupler		
Part No.	Body Size	NPT
ARO C4F-B	1/4	1/4





Hose Coupler		
Part No.	Body Size	Hose ID
ARO C4H-B	1/4	1/4
ARO C4H-C	1/4	3/8





NIPPLES			
Description	Part No.	Body Size	NPT
Male	ARO N4M-B	1/4	1/4
	ARO N4M-C	1/4	3/8
	ARO N6M-C	3/8	3/8
Female	ARO N4F-B	1/4	1/4
	ARO N4F-C	1/4	3/8
	ARO N6F-C	3/8	3/8
Description	Part No.	Body Size	Hose ID
Hose	ARO HBN4-B	1/4	1/4
	ARO HBN4-C	1/4	3/8
	ARO HBN6-C	3/8	3/8



Push Connect Nickel Plated Brass

Description	Part No.	Tube	NPT
 Male Swivel Elbow	BPC9MS-1/8-N02	1/8	1/4
	BPC9MS-1/4-N01	1/4	1/8
	BPC9MS-1/4-N02	1/4	1/4
	BPC9MS-1/4-N03	1/4	3/8
	BPC9MS-3/8-N01	3/8	1/8
	BPC9MS-3/8-N02	3/8	1/4
	BPC9MS-3/8-N03	3/8	3/8
	BPC9MS-1/2-N02	1/2	1/4
	BPC9MS-1/2-N03	1/2	3/8
	BPC9MS-1/2-N04	1/2	1/2
 Male Swivel Run Tee	BPCRTS-1/4-N01	1/4	1/8
	BPCRTS-1/4-N02	1/4	1/4
	BPCRTS-3/8-N02	3/8	1/4
	BPCRTS-3/8-N03	3/8	3/8

Description	Part No.	Tube	NPT
 Male Connector	BPCM-1/4-N01	1/4	1/8
	BPCM-1/4-N02	1/4	1/4
	BPCM-1/4-N03	1/4	3/8
	BPCM-3/8-N01	3/8	1/8
	BPCM-3/8-N02	3/8	1/4
	BPCM-3/8-N03	3/8	3/8
	BPCM-1/2-N02	1/2	1/4
	BPCM-1/2-N03	1/2	3/8
	BPCM-1/2-N04	1/2	1/2
	 Male Swivel Branch Tee	BPCBTS-1/4-N01	1/4
BPCBTS-1/4-N02		1/4	1/4
BPCBTS-3/8-N02		3/8	1/4
BPCBTS-3/8-N03		3/8	3/8
BPCBTS-3/8-N04		3/8	1/2
BPCBTS-1/2-N03		1/2	3/8
BPCBTS-1/2-N04	1/2	1/2	

Application: Used with nylon, polyurethane or polyethylene in compressed air or water applications.
Working Pressure: 0 to 150 psi, reference to pressure on tube being used
Temperature Range: 0 ° to 60 °C depending on hose
Recommended Assembly:
 1. To Connect Tube
 Install male or female pipe end (if applicable). Cut tube square, Insert tube in fitting until it bottoms on stop
 2. To Disconnect Tube
 Reduce line pressure to zero. Push tube against stop (towards fitting). Push in and hold release ring and pull tubing out



Push Connect Nickel Plated Brass



Description	Part No.	Tube Size
Union - Tube Both Ends	BPCU-1/4	1/4
	BPCU-3/8	3/8
	BPCU-1/2	1/2
Union Tee - All Ends	BPCUT-1/4	1/4
	BPCUT-3/8	3/8
	BPCUT-1/2	1/2

Description	Part No.	Tube Size	FPT
Female Connector	BNPCF-1/4-N01	1/4	1/8
	BNPCF-1/4-N02	1/4	1/4
	BNPCF-3/8-N02	3/8	1/4
	BNPCF-3/8-N03	3/8	3/8



Description	Part No.	Tube Size
Union Elbow 90° - Tube Both Ends	BPCU9-1/4	1/4
	BPCU9-3/8	3/8
	BPCU9-1/2	1/2
Union "Y" - All Ends	BPCUY-1/4	1/4
	BPCUY-3/8	3/8
	BPCUY-1/2	1/2
Plug-In Reducer	BPCR-1/4-3/8	1/4
	BPCR-1/4-1/2	1/4
	BPCR-3/8-1/2	3/8



Push Connect Fittings



Tube	MPT	Male Run Tee - Tube x Tube x MPT	Male Branch Tee - Tube x Tube x MPT
1/4	1/8	PCRT-4A	PCBT-4A
1/4	1/4	PCRT-4B	PCBT-4B
1/4	3/8	PCRT-4C	PCBT-4C
5/16	1/8	PCRT-5A	PCBT-5A
5/16	1/4	PCRT-5B	PCBT-5B
5/16	3/8	PCRT-5C	PCBT-5C
3/8	1/4	PCRT-6B	PCBT-6B
3/8	3/8	PCRT-6C	PCBT-6C
3/8	1/2	PCRT-6D	PCBT-6D
1/2	1/4	PCRT-8B	PCBT-8B
1/2	3/8	PCRT-8C	PCBT-8C
1/2	1/2	PCRT-8D	PCBT-8D

Tube	MPT	Male Elbow 90° Long - Tube x MPT	Male Elbow 90° - Tube x MPT
1/4	1/8	PC9MSL-4A	PC9MS-4A
1/4	1/4	PC9MSL-4B	PC9MS-4B
1/4	3/8	-	PC9MS-4C
3/8	1/8	-	PC9MS-6A
3/8	1/4	PC9MSL-6B	PC9MS-6B
3/8	3/8	PC9MSL-6C	PC9MS-6C
3/8	1/2	-	PC9MS-6D
1/2	1/4	-	PC9MS-8B
1/2	3/8	PC9MSL-8C	PC9MS-8C
1/2	1/2	PC9MSL-8D	PC9MS-8D

Union "Y"	Part No.	Tube
	PCUY-1/4	1/4
	PCUY-5/16	5/16
	PCUY-3/8	3/8
	PCUY-1/2	1/2


Male "Y"	Part No.	Tube x Tube x MPT
	PCYM-4B	1/4 x 1/4 x 1/4
	PCYM-4C	1/4 x 1/4 x 3/8
	PCYM-6C	3/8 x 3/8 x 3/8
	PCYM-6D	3/8 x 3/8 x 1/2
	PCYM-8B	1/2 x 1/2 x 1/4
	PCYM-8C	1/2 x 1/2 x 3/8
	PCYM-8D	1/2 x 1/2 x 1/2


Union Cross	Part No.	Tube
	PCUC-1/4	1/4
	PCUC-5/16	5/16
	PCUC-3/8	3/8
	PCUC-1/2	1/2


Application: Use with nylon or polyurethane tubing in compressed air
Working Pressure: 0 to 150 psi, reference to pressure on tube being used
Temperature Range: 0 ° to 60 °C (32 °F to 140 °F) depending on hose used
Recommended Assembly:
 Same as Brass Push Connects, see page 17
NB: 8 mm in place of 5/16"




Push Connect Fittings


Union Elbow 90°	Part No.	Tube
	PCU9-1/4	1/4
	PCU9-5/16	5/16
	PCU9-3/8	3/8
	PCU9-1/2	1/2


Union Tee	Part No.	Tube
	PCUT-1/4	1/4
	PCUT-5/16	5/16
	PCUT-3/8	3/8
	PCUT-1/2	1/2


Union Tube	Part No.	Tube
	PCU-1/4	1/4 x 1/4
	PCUR-5/16-1/4	5/16 x 1/4
	PCU-5/16	5/16 x 5/16
	PCUR-3/8-5/16	3/8 x 5/16
	PCU-3/8	3/8 x 3/8
	PCUR-1/2-3/8	1/2 x 3/8
	PCU-1/2	1/2 x 1/2


Reducer	Part No.	FTG x Tube
	PCR-5/16-1/4	5/16 x 1/4
	PCR-3/8-1/4	3/8 x 1/4
	PCR-3/8-5/16	3/8 x 5/16
	PCR-1/2-1/4	1/2 x 1/4
	PCR-1/2-3/8	1/2 x 3/8


Flow Control and Hand Valves

Hand Valve	Part No.	Tube
	PCHV-1/4	1/4
	PCHV-3/8	3/8
	PCHV-1/2	1/2

Flow Control Straight	Part No.	Tube
	PCFCS-1/4	1/4
	PCFCS-3/8	3/8
	PCFCS-1/2	1/2

Flow Control Elbow 90° Nickel Plated	Part No.	Tube x MPT
	BPC9FC-1/4-N01	1/4 x 1/8
	BPC9FC-3/8-N02	3/8 x 1/4

Flow Control Elbow 90°	Part No.	Tube x MPT
	PC9FC-1/4-N01	1/4 x 1/8
	PC9FC-1/4-N02	1/4 x 1/4
	PC9FC-1/4-N03	1/4 x 3/8
	PC9FC-3/8-N01	3/8 x 1/8
	PC9FC-3/8-N02	3/8 x 1/4
	PC9FC-3/8-N03	3/8 x 3/8
	PC9FC-3/8-N04	3/8 x 1/2
	PC9FC-1/2-N03	1/2 x 3/8
	PC9FC-1/2-N04	1/2 x 1/2

Flow Control RE Series	Part No.	NPT
	FCRE-1/4	1/4
	FCRE-3/8	3/8
	FCRE-1/2	1/2



Filter, Regulator and Lubricator Units

3 Piece Units				
Part No.	NPT	SCFM	PSI	Drain Type
FRL-AC3000-02 / 02D	1/4	70.6	5-125	Semi / Auto
FRL-AC3000-03 / 03D	3/8	70.6	5-125	Semi / Auto
FRL-AC4000-04 / 04D	1/2	141	5-125	Semi / Auto
FRL-AC5000-06 / 06D	3/4	176	5-125	Semi / Auto
FRL-AC5000-10 / 10D	1	176	5-125	Semi / Auto



2 Piece Units				
Part No.	NPT	SCFM	PSI	Drain Type
FRL-AC3010-02 / 02D	1/4	60	5-125	Semi / Auto
FRL-AC3010-03 / 03D	3/8	60	5-125	Semi / Auto
FRL-AC4010-04 / 04D	1/2	106	5-125	Semi / Auto
FRL-AC5010-06 / 06D	3/4	141	5-125	Semi / Auto
FRL-AC5010-10 / 10D	1	141	5-125	Semi / Auto



Filter Regulator Combo				
Part No.	NPT	SCFM	PSI	Drain Type
FRL-AW3000-02 / 02D	1/4	70.6	5-125	Semi / Auto
FRL-AW3000-03 / 03D	3/8	70.6	5-125	Semi / Auto
FRL-AW4000-04 / 04D	1/2	141	5-125	Semi / Auto
FRL-AW5000-06 / 06D	3/4	194	5-125	Semi / Auto
FRL-AW5000-10 / 10D	1	194	5-125	Semi / Auto



Max., Working Pressure: 145 psi,
 Ambient and Fluid Temperature: 5 ° to 60 °C
 Container Material: Polycarbonate Bowl
 Calescing Filters standard with 25 µm
NB: Die Cast Aluminum Covers are available on request

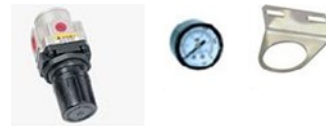


Filter, Regulator and Lubricator Units



Filter Only				
Part No.	NPT	SCFM	PSI	Drain Type
FRL-AF3000-02 / 02D	1/4	53	5-125	Semi / Auto
FRL-AF3000-03 / 03D	3/8	53	5-125	Semi / Auto
FRL-AF4000-04 / 04D	1/2	141	5-125	Semi / Auto
FRL-AF5000-06 / 06D	3/4	247	5-125	Semi / Auto
FRL-AF5000-10 / 10D	1	247	5-125	Semi / Auto

Regulator Only			
Part No.	NPT	SCFM	PSI
FRL-AR2000-02	1/4	19.5	5-125
FRL-AR3000-02	1/4	88	5-125
FRL-AR3000-03	3/8	88	5-125
FRL-AR4000-04	1/2	212	5-125
FRL-AR5000-06	3/4	282	5-125
FRL-AR5000-10	1	282	5-125



Lubricator Only			
Part No.	NPT	SCFM	PSI
FRL-AL2000-02	1/4	28	5-125
FRL-AL3000-02	1/4	60	5-125
FRL-AL3000-03	3/8	60	5-125
FRL-AL4000-04	1/2	176.6	5-125
FRL-AL5000-06	3/4	247	5-125
FRL-AL5000-10	1	247	5-125


Max., Working Pressure: 145 psi,
 Ambient and Fluid Temperature: 5 ° to 60 °C
 Container Material: Polycarbonate Bowl
 Calescung Filters standard with 25 µm
NB: Die Cast Aluminum Covers are available on request







Solenoid Valves

When ordering, replace X with corresponding voltage code:

12VDC, 24VDC, 110VAC, 220VAC or 24VAC


3 Way Solenoid Valves			
Description	Part No.	NPT	Flow (CV)
	G3V110-06-X	1/8	.67
	G3V210-08-X	1/4	.89
	G3V310-10-X	3/8	1.67
	G3V410-15-X	1/4	2.79


4 Way Solenoid Valves			
Description	Part No.	NPT	Flow (CV)
 5 / 2 Single Solenoid	G4V110-06-X	1/8	.67
	G4V210-08-X	1/4	.89
	G4V310-10-X	3/8	1.67
	G4V410-15-X	1/2	2.79
 5 / 2 Double Solenoid	G4V120-06-X	1/8	.67
	G4V220-08-X	1/4	.89
	G4V320-10-X	3/8	1.67
	G4V420-15-X	1/2	2.79
 5 / 3 Closed Center	G4V130C-06-X	1/8	.50
	G4V230C-08-X	1/4	.67
	G4V330C-10-X	3/8	1.00
	G4V430C-15-X	1/2	1.67
 5 / 3 Exhaust Center	G4V130E-06-X	1/8	.50
	G4V230E-08-X	1/4	.67
	G4V330E-10-X	3/8	1.00
	G4V430E-15-X	1/2	1.67


Application: Air
 Pressure: 21 to 115 psig
 Temperature Range: 23°F to 140 °F




Silencers

Description	Part No.	NPT
 Standard Silencer	BSL-N01	1/8
	BSL-N02	1/4
	BSL-N03	3/8
	BSL-N04	1/2

Description	Part No.	NPT
 Speed Control Silencer	BESL-N01	1/8
	BESL-N02	1/4
	BESL-N03	3/8
	BESL-N04	1/2

Description	Part No.	NPT
 Flat Silencer	BSLM-N01	1/8
	BSLM-N02	1/4
	BSLM-N03	3/8
	BSLM-N04	1/2

Description	Part No.	NPT
 Plastic Silencer	PSL-N01	1/8
	PSL-N02	1/4
	PSL-N03	3/8
	PSL-N04	1/2

Aluminum Manifolds For Air

Part No.	Main Inlet	Port Sizes	# of Ports
AM1214	1/2"	1/4"	4
A3M1414	1/4"	1/4"	3
A3M3814	3/8"	1/4"	3
A3M1214	1/2"	1/4"	3




A3M**14




AM1214




Valves

Description	Part No.	FPT x FPT
 Full Port Ball Valve Economy 600 psi WOG	BV2103-B-FP	1/4
	BV2103-C-FP	3/8
	BV2103-D-FP	1/2
	BV2103-E-FP	3/4
	BV2103-F-FP	1
	BV2103-G-FP	1 1/4
	BV2103-H-FP	1 1/2
	BV2103-2-FP	2

Description	Part No.	FPT x FPT
 Full Port Ball Valve CSA: 1/2" to 2" 600 psi WOG 150 psi Steam	BV202-B-FP	1/4
	BV202-C-FP	3/8
	BV202-D-FP	1/2
	BV202-E-FP	3/4
	BV202-F-FP	1
	BV202-G-FP	1 1/4
	BV202-H-FP	1 1/2
	BV202-2-FP	2

* Also Available in 316 Stainless: 1000 psi WOG

Description	Part No.	FPT x FPT
 Spring Loaded Check Valve 200 psi WOG 2 psi Cracking Press.	CV208-C-SLV	3/8
	CV208-D-SLV	1/2
	CV208-E-SLV	3/4
	CV208-F-SLV	1
	CV208-G-SLV	1 1/4
	CV208-H-SLV	1 1/2
	CV208-2-SLV	2

Cam & Groove Couplings

Aluminum

Size	Max. Press. Rating (psi)	Part A	Part B	Part C	Part D	Part E	Part F
1/2	150	CGAA-D	CGAB-D	CGAC-D	CGAD-D	CGAE-D	CGAF-D
3/4	250	CGAA-E	CGAB-E	CGAC-E	CGAD-E	CGAE-E	CGAF-E
1	250	CGAA-F	CGAB-F	CGAC-F	CGAD-F	CGAE-F	CGAF-F
1 1/4	250	CGAA-G	CGAB-G	CGAC-G	CGAD-G	CGAE-G	CGAF-G
1 1/2	250	CGAA-H	CGAB-H	CGAC-H	CGAD-H	CGAE-H	CGAF-H
2	250	CGAA-2	CGAB-2	CGAC-2	CGAD-2	CGAE-2	CGAF-2
2 1/2	150	CGAA-2.5	CGAB-2.5	CGAC-2.5	CGAD-2.5	CGAE-2.5	CGAF-2.5
3	125	CGAA-3	CGAB-3	CGAC-3	CGAD-3	CGAE-3	CGAF-3



Part A
Male Adapter x FPT



Part B
Female Coupler x MPT



Part C
Female Coupler x Shank



Part D
Female Coupler x FPT



Part E
Male Adapter x Shank



Part F
Male Adapter x MPT

Stainless Steel

Size	Max. Press. Rating (psi)	Part A	Part B	Part C	Part D	Part E	Part F
1/2	150	CGSA-D	CGSB-D	CGSC-D	CGSD-D	CGSE-D	CGSF-D
3/4	250	CGSA-E	CGSB-E	CGSC-E	CGSD-E	CGSE-E	CGSF-E
1	250	CGSA-F	CGSB-F	CGSC-F	CGSD-F	CGSE-F	CGSF-F
1 1/4	250	CGSA-G	CGSB-G	CGSC-G	CGSD-G	CGSE-G	CGSF-G
1 1/2	250	CGSA-H	CGSB-H	CGSC-H	CGSD-H	CGSE-H	CGSF-H
2	250	CGSA-2	CGSB-2	CGSC-2	CGSD-2	CGSE-2	CGSF-2
2 1/2	225	CGSA-2.5	CGSB-2.5	CGSC-2.5	CGSD-2.5	CGSE-2.5	CGSF-2.5
3	200	CGSA-3	CGSB-3	CGSC-3	CGSD-3	CGSE-3	CGSF-3

Max. Pressure Rating: As Listed

Stainless Steel cam type couplers are made of 316

Also available in Brass and Polypropylene

The following are also available: Part "DC", Dust Cap, and Part "DP", Dust Plug

Not for use with Steam or Compressed Air



Cam & Groove Couplings



Description	Part No.	Size
Female Coupler x Hose Shank	CGA-32C	3 x 2
	CGA-34C	3 x 4
	CGA-43C	4 x 3
Female Coupler x Male Adapter	CGA-32DA	3 x 2
	CGA-34DA	3 x 4
	CGA-43DA	4 x 3

Description	Part No.	Size
Male Adapter x Female NPT	CGA-32A	3 x 2
	CGA-43A	4 x 3
Male Adapter x Hose Shank	CGA-32E	3 x 2
	CGA-34E	4 x 3
Female Coupler x Male NPT	CGA-43B	4 x 3



Nipples and Menders



COMBINATION NIPPLES		
Size (in)	Unplated	Plated
1/2	CNUP-D	CNP-D
3/4	CNUP-E	CNP-E
1	CNUP-F	CNP-F
1 1/4	CNUP-G	CNP-G
1 1/2	CNUP-H	CNP-H
2	CNUP-2	CNP-2
2 1/2	CNUP-2.5	CNP-2.5
3	CNUP-3	CNP-3

MENDERS		
Plated	Size (in)	Length (in)
MENP-D	1/2	3 1/2
MENP-E	3/4	4 1/4
MENP-F	1	4 1/4
MENP-G	1 1/4	4 1/2
MENP-H	1 1/2	4 7/8
MENP-2	2	4 7/8
MENP-2.5	2 1/2	5 5/8
MENP-3	3	6 5/8



Application: Low pressure industrial hose applications
 Not suitable for compressible products such as air, steam or nitrogen



Clamps



Double Ear Clamp (Zinc Plated)			
Part No.	Nominal Size	Clamp Range	
		Inches	mm
EC 11-13	1/2"	.433 - .512	11 - 13
EC 13-15	9 / 16"	.512 - .591	13 - 15
EC 15-17	19 / 32"	.591 - .669	15 - 17
EC 17-20	3 / 4"	.669 - .787	17 - 20
EC 19-22	13 / 16	.748 - .866	19 - 22
EC 20-23	7 / 8"	.787 - .905	20 - 23
EC 22-25	15 / 16"	.866 - .984	22 - 25
EC 23 -27	1"	.905 - 1.063	23 - 27

Worm Gear Clamp			
Part No.	Nominal Size	Clamp Range	
		Min.	Max.
HS-6	3/8"	3/8"	7/8"
HS-8	1/2"	7/16"	1"
HS-10	5/8"	9/16"	1 1/16"
HS-12	3/4"	9/16"	1 1/4"
HS-16	1"	11/16"	1 1/2"
HS-20	1 1/4"	3/4"	1 3/4"
HS-24	1 1/2"	1 1/16"	2"



Gear Clamps — 5/16" HEX slotted carbon steel screw, 1/2" 201 stainless steel band and 301 stainless steel housing. Other sizes are available, please inquire.

For all Stainless, order HAS-*: 305 Stainless screw , 301 stainless housing and band



Tubing

Polyethylene Tubing

Part No.	O.D. (in.)	I.D. (in.)	Wall Thickness	Max. W.P. (psi)
TPE-NC-4	1 / 4	.170	.040	140
TPE-NC-5	5 / 16	.187	.062	155
TPE-NC-6	3 / 8	.250	.062	125
TPE-NC-8	1 / 2	.375	.062	100
TPE-NC-10	5 / 8	.500	.062	75
TPE-NC-12	3 / 4	.625	.062	50



Application: Compressed air or water for brass push connect fittings
Construction: Low Density F.D.A. polyethylene
Colour: Standard natural milky white
 3/8" OD available in BU (blue), R (red), W (white) and Y (yellow)
Length: 100 feet rolls
Working Temp: -40°F to 158°F

Nylon Tubing

Part No.	O.D. (in.)	I.D. (in.)	Wall Thickness	Max. W.P. (psi)
TNY-NC-3	3 / 16	.138	.025	200
TNY-NC-4	1 / 4	.180	.030	200
TNY-NC-6	3 / 8	.275	.050	250
TNY-NC-8	1 / 2	.375	.062	250



Application: Air lines and lubrication for brass and plastic push connect fittings
Construction: Nylon
Colour: Standard natural milky white
Length: 100 feet rolls
Working Temp: -40°F to 203°F

Polyurethane Tubing

Part No.	O.D. (in.)	I.D. (in.)	Wall Thickness
TPU-NC*-4	1 / 4	.16	.045
TPU-NC*-6	3 / 8	.25	.0625
TPU-NC*-8	1 / 2	.33	.085
TPU-NC-12	3 / 4	.50	.125



Application: Compressed air for brass and plastic push connect fittings
Construction: Natural Ester Polyurethane
Colour: * Available in, NC (clear), BU (blue), R (red); 3/4" OD only in clear
Length: 100 feet rolls
Wall Thickness and ID: Will vary



Hoses

Rubber Push-On Hose



Application: Oil resistant, non-conductive, hose for push-on fittings

Temperature Range: -20°F to 160 °F

Construction:

Tube—Black nitrile, Class A, PVC / Nitrile tube

Reinforcement— High tensile synthetic yarn

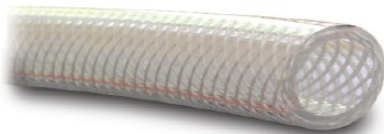
Cover—Black, blue, grey, green, yellow or red neoprene

Part No.	Colours	I.D. (in.)	O.D. (in.)	Max. W.P. (psi)	Wt. per ft (approx. LBs)
PUSR-XX-6	All	3 / 8	.625	250	.13
PUSR-XX-8	All	1 / 2	.750	250	.16
PUSR-XX-10	All	5 / 8	.900	250	.22
PUSR-BK-12	Black Only	3 / 4	1.030	250	.25

When ordering, replace XX with corresponding two digit color code:

XX = BK (Black)
 XX = BL (Blue)
 XX = GR (Green)
 XX = GY (Grey)
 XX = RD (Red)
 XX = YW (Yellow)

Clear Reinforced PVC Food Grade



Application: Air, drinking water, mild chemicals and alkali.

This product complies with FDA, 3A, NSF-51 and NSF-61 requirements.

Temperature Range: +25°F to 150 °F

Construction:

Tube—Clear smooth PVC.

Reinforcement— High tensile synthetic braid.

Cover—Clear smooth PVC.

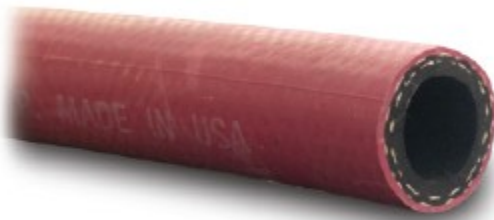
Part No.	I.D. (in.)	O.D. (in.)	Max. W.P. (psi)	Approx. Wt. per ft Lbs	Standard Lengths (ft)
CRF-6-225	3 / 8	.594	225	.09	50, 100, 300 or 500
CRF-8-200	1 / 2	.750	200	.13	50, 100, 300 or 500
CRF-10-200	5 / 8	.891	200	.18	50, 100, 300
CRF-12-150	3 / 4	1.031	150	.22	50, 100, 200 or 500
CRF-16-125	1	1.300	150	.30	50, 100, 200 or 300
CRF-20-100	1 1/4	1.620	100	.45	50 or 100
CRF-24-100	1 1/2	1.938	100	.64	50 or 100



Hoses

EPDM Multi-Purpose Hose

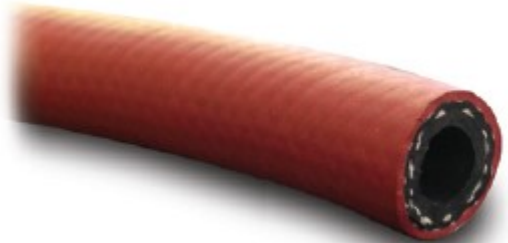
Part No.	Colour	I.D. (in.)	O.D. (in.)	Max. W.P. (psi)	Wt. per ft (approx. LBS)
EPDM-RD-6-250	Red	3 / 8	.70	250	.17
EPDM-RD-8-250	Red	1 / 2	.88	250	.25
EPDM-RD-12-250	Red	3 / 4	1.13	250	.38
EPDM-RD-16-200	Red	1	1.37	200	.53
EPDM-RD-20-200	Red	1 1/4	1.78	200	.81
EPDM-RD-24-200	Red	1 1/2	2.03	200	.95



Application: Excellent resistance to heat, weathering, vegetable oils and MEK
Temperature Range: -40°F to 200 °F;
Construction:
 Tube—Black EPDM oil mist resistant
 Reinforcement—High Tensile Polyester yarn
 Cover—Smooth red abrasion resistant EPDM

Premium Multi-Purpose Non-Conductive

Part No.	I.D. (in.)	O.D. (in.)	Max. W.P. (psi)	Wt. per ft (approx. LBS)
PRMP-6-300	3 / 8	.72	300	.18
PRMP-8-300	1 / 2	.88	300	.25
PRMP-12-300	3 / 4	1.16	300	.42
PRMP-16-300	1	1.50	300	.63
PRMP-20-250	1 1/4	1.78	250	.82
PRMP-24-250	1 1/2	2.03	250	.95



Application: Premium quality hose for oil based sprays, gasoline, lubricating oils and air. Non-conductive
Colour: Red only
Temperature Range: - 20°F to 180 °F
Construction:
 Tube—Black oil resistance nitrile, Class A
 Reinforcement—Spiraled synthetic yarn
 Cover—Red PVC/Nitrile—oil grease, weather and



Hoses

Challenger Hose

Part No.	Colour	I.D. (in.)	O.D. (in.)	Max. W.P. (psi)	Wt. per ft (approx. LBs)
CHAL-RD-6-250	Red	3 / 8	.67	250	.16
CHAL-BK-8-150	Black	1 / 2	.83	150	.26
CHAL-RD-8-250	Red	1 / 2	.83	250	.23
CHAL-BK-12-150	Black	3 / 4	1.14	150	.44
CHAL-RD-12-250	Red	3 / 4	1.14	250	.40
CHAL-BK-16-150	Black	1	1.40	150	.55
CHAL-RD-16-200	Red	1	1.40	200	.53



Application: An “economical” EPDM multi-purpose hose for a wide range of water applications

Temperature Range:

Red, -4°F to 200 °F; Black, -4°F to 180 °F

Construction:

Red, Tube—Black EPDM blended rubber

Reinforcement—Polyester yarn

Cover—Smooth red abrasion resistant EPDM blend

Black, Tube—Black blended rubber

Reinforcement—High tensile synthetic yarn

Cover—Smooth black abrasion resistant EPDM blend

Water Discharge Hose

Part No.	I.D. (in.)	O.D. (in.)	Max. W.P. (psi)	Wt. per ft (approx. LBs)
CWDT-6-200	3 / 8	.69	200	.15
CWDT-6-300	3 / 8	.72	300	.17
CWDT-8-150	1 / 2	.81	150	.19
CWDT-8-300	1 / 2	.88	300	.24
CWDT-10-150	5 / 8	.94	150	.23
CWDT-10-200	5 / 8	1.00	200	.29
CWDT-12-150	3 / 4	1.13	150	.33
CWDT-12-300	3 / 4	1.16	300	.40
CWDT-16-150	1	1.43	150	.41
CWDT-16-200	1	1.43	200	.49



Application: General water service

Colour: Black only

Temperature Range: - 40°F to 200 °F

Construction:

Tube—Black EPDM

Reinforcement—Multiple spirals of synthetic yarn

Cover—Smooth black EPDM

1 1/4" and 1 1/2" is available, please inquire.



Hoses

Corrugated PVC Suction Hose

Part No.	I.D. (in.)	O.D. (in.)	Max. W.P. (psi)	Wt. per ft (approx. LBs)
CF 24-50	1 1/2	1.92	50	.35
CF 32-40	2	2.4	40	.56
CF 40-40	2 1/2	2.74	40	.77
CF 48-40	3	3.64	40	1.10
CF 45MM	45	2.09	45	.44
CF 57MM	57	2.68	40	.64



Application: Full vacuum hose for conveying liquids or dry materials

Temperature Range:
-4°F to 158 °F

Construction:

Tube— Clear PVC with FDA appliance for food service

Reinforcement—Clear PVC Helix

Cover—Corrugated clear PVC

Corrugated PVC Suction Hose with Static

Part No.	I.D. (in.)	O.D. (in.)	Max. W.P. (psi)	Wt. per ft (approx. LBs)
CFS 24-50	1 1/2	1.88	50	.43
CFS 32-40	2	2.48	40	.58
CFS 40-40	2 1/2	2.80	40	.89
CFS 48-40	3	3.64	40	1.25
CFS 45MM	45	2.20	45	.46
CFS 57MM	57	2.76	40	.64



Application: Full vacuum hose for conveying powder or granular materials.

Static wire for grounding

Temperature Range:

-4°F to 150 °F

Construction:

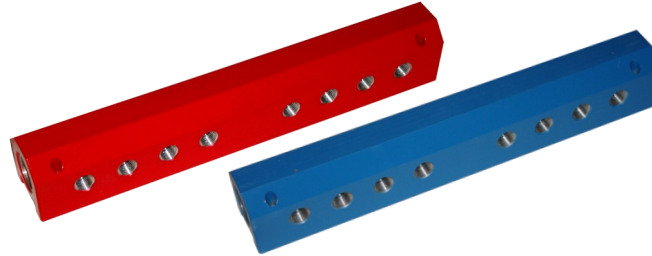
Tube— Clear PVC with FDA appliance for food service


Reinforcement—Clear PVC Helix and Static wire for grounding

Cover—Corrugated clear PVC



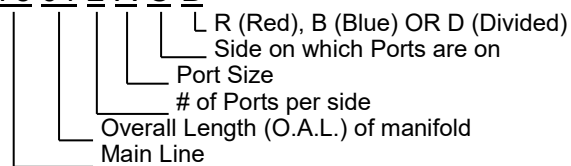
Water Manifolds



Main Line (NPT)	Part No.	O.A.L. (in.)	# Ports / side	Port Sizes (NPT)	 Pick Side	Color
3/4"	WM7504	4	2	A (1/8" NPT) or B (1/4" NPT)	Any or all sides	R (Red) Or B (Blue)
	WM7506	6	4			
	WM7508	8	6			
	WM7510	10	8			
1"	WM1005	5	2	B (1/4" NPT) or C (3/8" NPT)	Any or all sides	R (Red) Or B (Blue)
	WM1008	8	4			
	WM1010	10	6			
	WM1013	13	8			
1 1/4"	WM1207	7	2	C (3/8" NPT) or D (1/2" NPT)	Any or all sides	R (Red) Or B (Blue)
	WM1210	10	4			
	WM1214	14	6			
	WM1218	18	8			
1 1/2"	WM1507	7	2	C (3/8" NPT) or D (1/2" NPT)	Any or all sides	R (Red) Or B (Blue)
	WM1510	10	4			
	WM1514	14	6			
	WM1518	18	8			
2"	WM2008	8	2	D (1/2" NPT) or E (3/4" NPT)	Any or all sides	R (Red) Or B (Blue)
	WM2013	13	4			
	WM2017	17	6			
	WM2022	22	8			

Part Number Code:

WM 75 04-2-A-C-B



Hydraulic Couplers




FEMALE COUPLERS			
Description	Part No.	Body Size	NPT
C100 ISO-B Series	PMS-1HF1	1/8	1/8
	PMS-2HF2	1/4	1/4
	PMS-3HF3	3/8	3/8
	PMS-4HF4	1/2	1/2
	PMS-6HF6	3/4	3/4
	PMS-8HF8	1	1
	PMS-12HF12	1 1/2	1 1/2
C200 ISO-A Series	PMS-1KF1	1/8	1/8
	PMS-2KF2	1/4	1/4
	PMS-3KF3	3/8	3/8
	PMS-4KF4	1/2	1/2
	PMS-6KF6	3/4	3/4
	PMS-8KF8	1	1
	PMS-12KF12	1 1/2	1 1/2





MALE NIPPLES			
Description	Part No.	Body Size	NPT
C100 ISO-B Series	PMS-H1F1	1/8	1/8
	PMS-H2F2	1/4	1/4
	PMS-H3F3	3/8	3/8
	PMS-H4F4	1/2	1/2
	PMS-H6F6	3/4	3/4
	PMS-H8F8	1	1
	PMS-H12F12	1 1/2	1 1/2
C200 ISO-A Series	PMS-K1F1	1/8	1/8
	PMS-K2F2	1/4	1/4
	PMS-K3F3	3/8	3/8
	PMS-K4F4	1/2	1/2
	PMS-K6F6	3/4	3/4
	PMS-K8F8	1	1
	PMS-K12F12	1 1/2	1 1/2






Hydraulic Adapters - NPT



Description	Part No.	NPT
 Female Tee	SPTF-A	1/8
	SPTF-B	1/4
	SPTF-C	3/8
	SPTF-D	1/2
 Female Cross	SPXF-A	1/8
	SPXF-B	1/4
	SPXF-C	3/8
	SPXF-D	1/2
 Female Coupling	SPCF-A	1/8
	SPCF-B	1/4
	SPCF-C	3/8
	SPCF-D	1/2




Description	Part No.	MPT x FPT
 Pipe Bushing	SPB-BA	1/4 x 1/8
	SPB-CB	3/8 x 1/4
	SPB-DA	1/2 x 1/8
	SPB-DB	1/2 x 1/4
	SPB-DC	1/2 x 3/8
	SPB-EA	3/4 x 1/8
	SPB-EB	3/4 x 1/4
	SPB-EC	3/4 x 3/8
	SPB-ED	3/4 x 1/2

Description	Part No.	F X M
 Pipe Adaptor	SPA-AA	1/8 x 1/8
	SPA-BA	1/4 x 1/8
	SPA-BB	1/4 x 1/4
	SPA-CB	3/8 x 1/4
	SPA-CC	3/8 x 3/8
	SPA-DC	1/2 x 3/8
	SPA-DD	1/2 x 1/2

Hydraulic Adapters - NPT



90° Elbow		
Description	Part No.	FPT
 90° Female Pipe	SP9F-A	1/8
	SP9F-B	1/4
	SP9F-C	3/8
	SP9F-D	1/2
	SP9F-E	3/4
	SP9F-F	1
Description	Part No.	MPT
 90° Male Pipe	SP9M-A	1/8
	SP9M-B	1/4
	SP9M-C	3/8
	SP9M-D	1/2
	SP9M-E	3/4
	SP9M-F	1
Description	Part No.	MPT x FPT
 90° Street	SP9S-A	1/8 x 1/8
	SP9S-B	1/4 x 1/4
	SP9S-C	3/8 x 3/8
	SP9S-D	1/2 x 1/2
	SP9S-E	3/4 x 3/4
	SP9S-F	1 x 1


Description	Part No.	MPT x FPT
 90° Female Swivel	SP9SFS-A	1/8
	SP9SFS-B	1/4
	SP9SFS-C	3/8
	SP9SFS-D	1/2
	SP9SFSE	3/4
	SP9SFS-F	1
Description	Part No.	FPT
 90° Female Swivel	SP9FS-A	1/8
	SP9FS-B	1/4
	SP9FS-C	3/8
	SP9FS-D	1/2
	SP9FS-E	3/4
	SP9FS-F	1

45° Elbow		
Description	Part No.	FPT
 45° Female Pipe	SP4F-A	1/8
	SP4F-B	1/4
	SP4F-C	3/8
	SP4F-D	1/2
	SP4F-E	3/4
	SP4F-F	1
Description	Part No.	MPT
 45° Male Pipe	SP4M-A	1/8
	SP4M-B	1/4
	SP4M-C	3/8
	SP4M-D	1/2
	SP4M-E	3/4
	SP4M-F	1
Description	Part No.	MPT x FPT
 45° Street	SP4S-A	1/8 x 1/8
	SP4S-B	1/4 x 1/4
	SP4S-C	3/8 x 3/8
	SP4S-D	1/2 x 1/2
	SP4S-E	3/4 x 3/4
	SP4S-F	1 x 1










Hydraulic Adapters - JIC 37°C

Description	Part No.	JIC x JIC
 Male Union	37CMU-02-02	1/8
	37CMU-04-04	1/4
	37CMU-06-06	3/8
	37CMU-08-08	1/2
	37CMU-12-12	3/4
	37CMU-16-16	1
Description	Part No.	MPT x JIC
 Male Connector	37MCM-04-04	1/4 x 1/4
	37MCM-04-06	1/4 x 3/8
	37MCM-04-08	1/4 x 1/2
	37MCM-06-04	3/8 x 1/4
	37MCM-06-06	3/8 x 3/8
	37MCM-06-08	3/8 x 1/2
	37MCM-08-06	1/2 x 3/8
	37MCM-08-08	1/2 x 1/2
	37MCM-12-12	3/4 x 3/4

Description	Part No.	FPT x MJIC
 Female Connector	37FCM-04-04	1/4 x 1/4
	37FCM-04-06	1/4 x 3/8
	37FCM-04-08	1/4 x 1/2
	37FCM-06-04	3/8 x 1/4
	37FCM-06-06	3/8 x 3/8
	37FCM-06-08	3/8 x 1/2
	37FCM-08-06	1/2 x 3/8
	37FCM-08-08	1/2 x 1/2
	37FCM-12-12	3/4 x 3/4

Hydraulic Adapters - JIC 37°C

Description	Part No.	MPT x JIC
 45° Elbow	37C4M-02-02	1/8
	37C4M-04-04	1/4
	37C4M-06-06	3/8
	37C4M-08-08	1/2
	37C4M-12-12	3/4
	37C4M-16-16	1
 90° Elbow Male	37C9M-02-02	1/8
	37C9M-04-04	1/4
	37C9M-06-06	3/8
	37C9M-08-08	1/2
	37C9M-12-12	3/4
	37C9M-16-16	1
Description	Part No.	FPT x JIC
 90° Elbow Female	37C9JF-02-02	1/8
	37C9JF-04-04	1/4
	37C9JF-06-06	3/8
	37C9JF-08-08	1/2
	37C9JF-12-12	3/4
	37C9JF-16-16	1
Description	Part No.	JIC x JIC
 90° Elbow	37C9JM-02-02	1/8
	37C9JM-04-04	1/4
	37C9JM-06-06	3/8
	37C9JM-08-08	1/2
	37C9JM-12-12	3/4
	37C9JM-16-16	1

Description	Part No.	MPT
 Male Tee	37CTM-02-02	1/8
	37CTM-04-04	1/4
	37CTM-06-06	3/8
	37CTM-08-08	1/2
	37CTM-12-12	3/4
	37CTM-16-16	1
 Male Run Tee	37CRT-02-02	1/8
	37CRT-04-04	1/4
	37CRT-06-06	3/8
	37CRT-08-08	1/2
	37CRT-12-12	3/4
	37CRT-16-16	1
 Male Cross	37CXM-02-02	1/8
	37CXM-04-04	1/4
	37CXM-06-06	3/8
	37CXM-08-08	1/2
	37CXM-12-12	3/4
	37CXM-16-16	1

Socket Head Cap Screws - Inch

High-strength, heat treated alloy steel
 Black Finish
 Tensile Strength:
 Up to and including 1/2", 180,000 psi
 5/8" dia., and greater, 170,000 psi



Dia-Thread	L = Length																								
	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	8
6/32	•	•	•	•	•	•	•																		
8/32	•	•	•	•	•	•	•	•	•																
10/24		•	•	•	•	•	•	•	•	•															
10/32			•	•	•	•	•	•	•	•	•														
1/4-20		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•							
1/4-28		•	•	•	•	•	•	•	•	•	•	•													
5/16-18		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•							
5/16-24			•	•	•	•	•	•	•	•	•	•	•												
3/8-16			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•		
3/8-24			•	•	•	•	•	•	•	•	•	•	•		•										
7/16-14			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•							
7/16-20							•	•	•		•														
1/2-13			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1/2-20							•	•	•	•	•	•	•		•										
5/8-11							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
5/8-18							•	•	•	•	•	•	•												
3/4-10								•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
7/8-9											•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1-8											•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Part Number Code: Item Prefix + D + L
 Item Prefix = SHCS
 D = Diameter
 L = Length
 Example 1: 3/8"-16 D x 1" Length - **SHCS 380 100**
 Example 2: 7/16" D x 1 1/4" Length - **SHCS 716 114**
 Order Quantity is based on Packaged Quantity.



Alloy Flat Head Cap Screws - Inch

High-strength, heat treated alloy steel
 Black Finish
 Tensile Strength:
 Conforms to ANSI B18.3



Dia-Thread	L = Length																
	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	
6/32		•		•		•	•	•									
8/32				•		•	•	•	•								
10/24				•		•	•	•	•	•	•						
10/32				•		•	•	•	•	•	•						
1/4-20				•		•	•	•	•	•	•	•	•				
1/4-28				•		•	•	•	•	•	•						
5/16-18						•	•	•	•	•	•	•	•	•	•	•	
5/16-24						•	•	•	•	•	•						
3/8-16						•	•	•	•	•	•	•	•	•	•	•	•
3/8-24							•	•	•	•	•						
7/16-14								•	•	•	•	•	•				
1/2-13								•	•	•	•	•	•	•	•	•	•
1/2-20								•	•	•	•	•	•				
5/8-11									•	•	•	•	•	•	•	•	•

Part Number Code: Item Prefix + D + L

Item Prefix = FHCS

D = Diameter

L = Length

Example 1: 3/8"-16 D x 1" Length - **FHCS 380 100**

Example 2: 7/16" D x 1 1/4" Length - **FHCS 716 114**

Order Quantity is based on Packaged Quantity.



Alloy Socket Set Screws Cup Point

High-strength, heat treated alloy steel
 Black Oxide Finish
 Tensile Strength:
 Conforms to ANSI B18.3 and FF-S-200
 Type 1, Style 4



Dia-Thread	L = Length																
	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3
5/40	•	•	•	•		•	•	•									
6/32	•	•	•	•	•	•	•	•	•	•							
6/40	•	•	•	•													
8/32	•	•	•	•	•	•	•	•	•	•							
8/36	•	•	•	•		•											
10/24	•	•	•	•	•	•	•	•	•	•	•						
10/32	•	•	•	•	•	•	•	•		•	•						
1/4-20	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
1/4-28	•	•	•	•	•	•	•	•		•	•						
5/16-18		•	•	•	•	•	•	•	•	•	•	•	•	•			
5/16-24		•	•	•		•	•	•		•	•						
3/8-16		•	•	•	•	•	•	•	•	•	•	•	•	•		•	
3/8-24		•	•	•		•	•	•		•	•	•					
7/16-14				•	•	•	•	•		•	•	•		•			
1/2-13				•		•	•	•	•	•	•	•	•	•		•	•
1/2-20						•	•	•		•							
5/8-11						•	•	•		•	•	•	•	•		•	•

Part Number Code: Item Prefix + D + L

Item Prefix = SSCP

D = Diameter

L = Length

Example 1: 3/8"-16 D x 1" Length - **SSCP 380 100**

Example 2: 7/16" D x 1 1/4" Length, - **SSCP 716 114**

Order Quantity is based on Packaged Quantity.



Alloy Steel Dowel Pins

Alloy Steel Plain Finish
Through Hardened
Standard .0002 ASME / ANSI B18.8.2-2000



D	L = Length																						
	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/2	4	4 1/2	5	6	
1/16	•	•	•	•	•	•	•	•	•	•													
3/32	•	•	•	•	•	•	•	•	•	•													
1/8				•		•	•	•	•	•	•	•	•										
3/16						•	•	•	•	•	•	•	•	•									
1/4						•	•	•	•	•	•	•	•	•	•	•							
5/16						•	•	•	•	•	•	•	•	•	•	•	•						
3/8						•	•	•	•	•	•	•	•	•	•	•	•	•					
7/16										•	•	•	•	•		•	•						
1/2									•	•	•	•	•	•	•	•	•	•	•				
5/8										•	•	•	•	•	•	•	•	•	•	•	•	•	
3/4															•		•	•	•	•	•	•	•
7/8															•		•	•	•	•	•	•	•
1															•		•	•	•	•	•	•	•

Part Number Code: Item Prefix + D + L

Item Prefix = DP

D = Diameter

L = Length

Example 1: 3/8" D x 1" Length - **DP 380 100**

Example 2: 7/16" D x 1 1/4" Length - **DP 716 114**

Order Quantity is based on Packaged Quantity.



O-Rings



Buna O-Rings

Material: Nitrile / NBR

Application: Could be used for a diverse range of fluids, good tensile strength, high elongation, low compression set and good resistance to abrasion and tear.

Colour: Black

Temperature Range: -65 °F to 250 °F

Durometer: 70 Shore A (50 - 90 Durometer available on request).

Sizes: To AS 568 Specifications, 001 to 475 (or updated list)

Ordering: 70 Duro 113 Buna Oring, Order As: "113 Buna 70"



Viton O-Rings

Material: Viton / Fluorcarbon

Application: Excellent resistance to a wide range of chemicals, petroleum products, weathering, ozone, oxygen and high temperature. Good low compression set and low gas permeability.

Colour: Brown

Temperature Range: -31 °F to 437 °F

Durometer: 60-95 Shore A

Sizes: To AS 568 Specifications, 001-V to 475-V (or updated list)

Ordering: 113 Viton, Order As: "113-V"



O-Ring Case

O-ring kits available as standard or customized offering you the flexibility and versatility to meet most requirements.

Buna and Viton O Rings are available in Metric, please inquire.



Terms & Conditions

Due to the wide variety of applications and operation conditions for these products, the user, through their own analysis and testing is solely responsible for making the final selection of the product and assuring that all performances, safety and warning requirements of the application are met. These products as described herein, including without limitation, product characteristics, specifications and availability, are subject to change by PMS-C Ltd., at any time without notice.

- Warranty:** Liability for goods found defective, through faults of materials or workmanship, is limited to the replacement or repair of defective product returned within 30 days of purchase. If replacement is not possible, a credit will be issued at the invoice price.
Under no circumstances will we allow charges for labour, expenses, or consequential damages.
- Pricing:** All pricing is subject to change without notice. PMS-C Ltd., reserves the right to ship all orders on the basis of the price in effect at the time of shipment.
- Returns:** A return authorization number must be issued by PMS-C Ltd., before any returns will be accepted.
- Shortages:** Claims for shortages will not be allowed unless made within 10 days of receipt of the merchandise.
- Acceptance:** All orders given to, or accepted by our representatives, are subject to credit approval and contingent upon strikes, fires, accidents and other causes beyond our control.
- Terms:** Net 30 Days
- Freight:** F.O.B. our warehouse. Shipping TBD on orders in the Greater Toronto Area (GTA).
- Part No.:** To expedite the handling of your orders, please use the part numbers listed in our catalogues.
- Pictures:** Pictures are for identification purposes only and may not reflect actual fitting pattern. Please confirm specific patterns before ordering.

Items not in the catalogue, please inquire and may also be available on request.

Contact Information

Tel: (647) 527-8897
email: sales@pms-c.com
website: www.pms-c.com



PMS-C Ltd.
www.pms-c.com
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