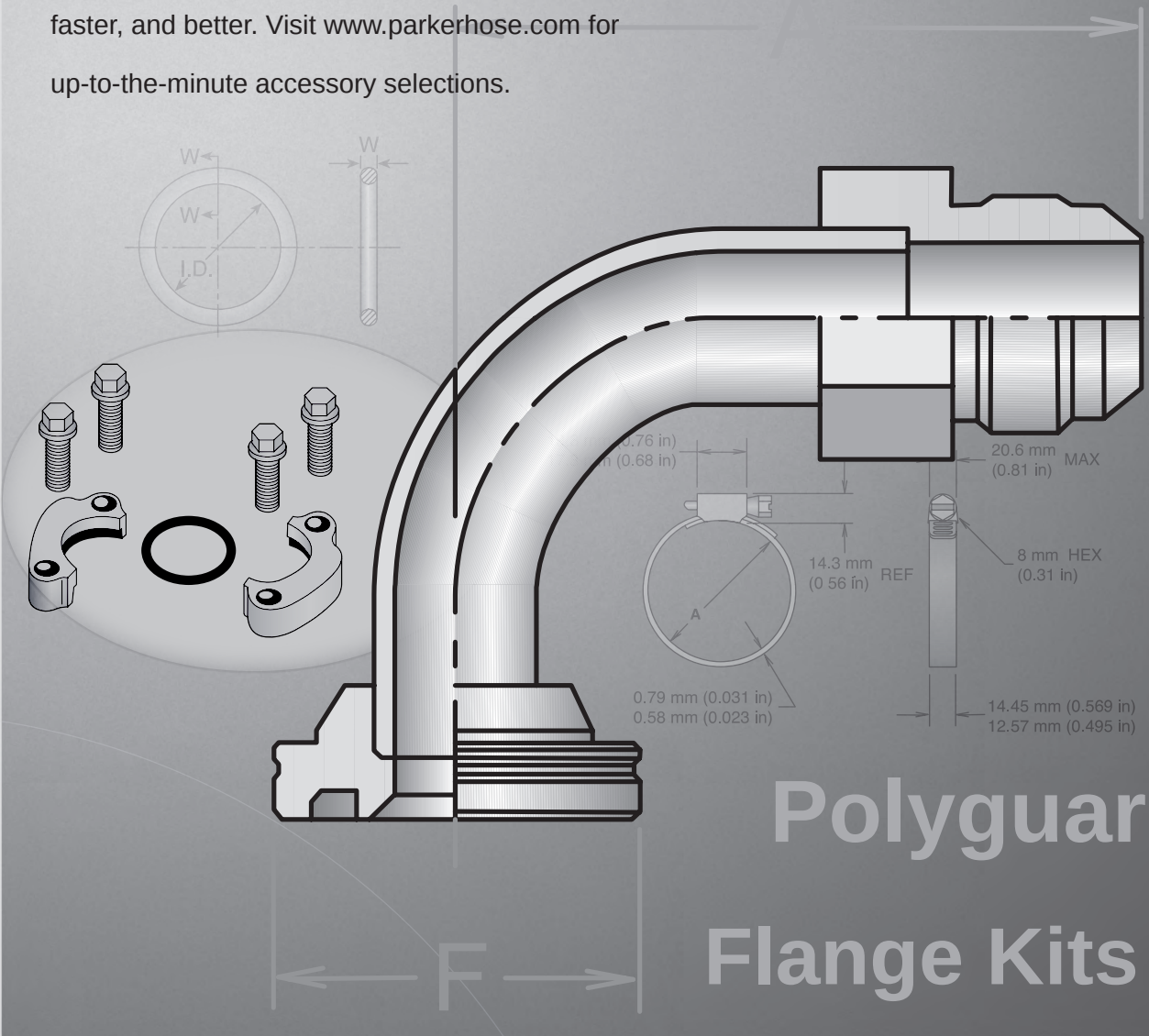




Accessories

ACCESSORIES

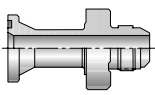
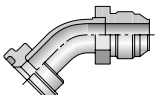
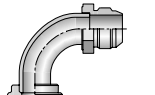
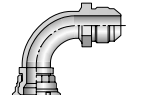
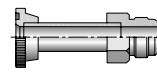
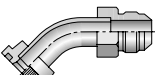
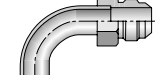
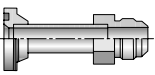
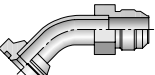
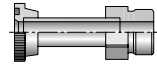
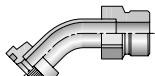
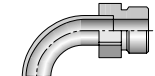
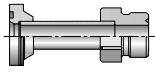
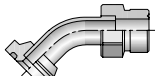
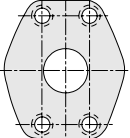
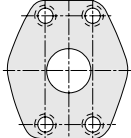
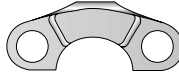
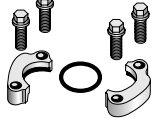
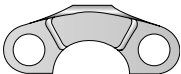
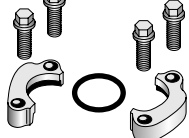
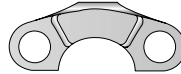
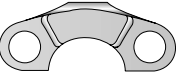
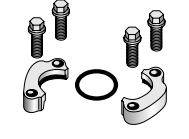
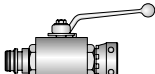
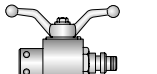
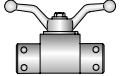
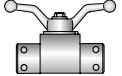
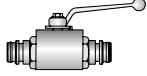
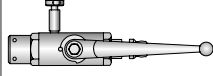
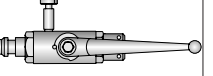
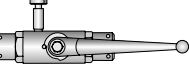
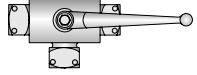
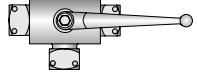
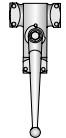
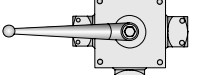
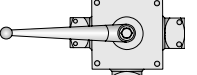
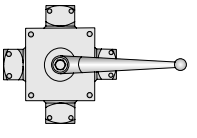
More of what you need to work smarter,
faster, and better. Visit www.parkerhose.com for
up-to-the-minute accessory selections.

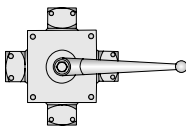
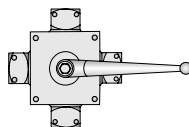
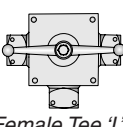
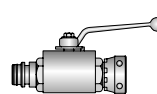
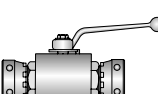
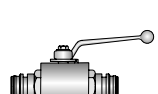
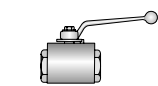
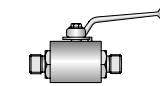
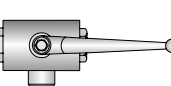
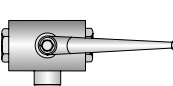
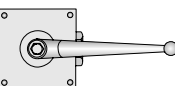
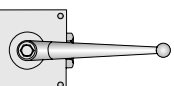
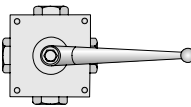
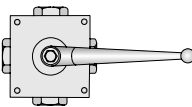
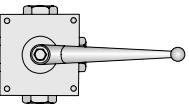
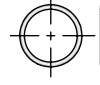
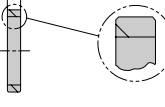
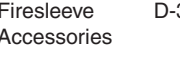
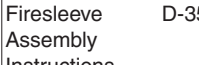
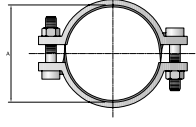


Parker Kart

Fire Sleeve

Hose
AFittings
BEquipment
CAccessories
DTechnical
E

 Hydraulic Flanges	15T3 D-6	17T3 D-6	19T3 D-6	39T3 D-7	41T3 D-7
	 Straight	 45° Elbow	 90° Elbow	 Swivel Nut 90° Tube Elbow	 Swivel Nut 90° Tube Elbow - Long
	4AH3 D-7	4FH3 D-8	4NH3 D-8	6AH3 D-8	6FH3 D-8
	 Straight	 45° Elbow	 90° Elbow	 Straight	 45° Elbow
	4AJM D-9	4FJM D-9	4NJM D-9	6AJM D-10	6FJM D-10
	 Straight	 45° Elbow	 90° Elbow	 Straight	 45° Elbow
 Standard Pressure (Code 61)	High Pressure (Code 62)	50H D-11	5050HK D-12	51H D-12	5151HK D-12
	 High Pressure (Code 62)	 Flange Half 5000 psi (Code 61)	 Flange 5000 psi (Code 61) Kit	 Flange Half (Code 61)	 Flange (Code 61) Kit
	HFH D-13	HFHFHK D-13	8FH D-13	8FHFHK D-13	M1H D-14
	 Flange Half (Code 62)	 Flange (Code 62) Kit	 Flange Half (8000 psi)	 Flange Kit (8000 psi)	 ISO (Code 61)
	M2H D-15	M2M2HK D-15	 Ball Valves	CMV10 D-16	CMV11 D-16
	 ISO (Code 62)	 ISO (Code 62) Kit		 Male - Female	 Male - Fixed Female
 Fixed Female	CMV13 D-17	CMV14 D-17	CMV15 D-17	CMV16 D-17	CMV17 D-18
	 Fixed Female	 Male	 Male - Female	 Female - Male	 Female
	CMV19 D-18	CMV20 D-19	CMV21 D-19	CMV22 D-19	CMV23 D-20
	 Female Tee 'T'	 Female Tee 'L'	 Female Tee	 Female Tee 'T'	 Female Tee 'L'
	CMV24 D-20				
	 Female Cross 'T'				

CMV25 D-20  Female Cross 'L'	CMV26 D-21  Female Cross 'X'	CMV27 D-21  Female Tee 'L' Compact	CMV30 D-21  Male - Female	CMV31 D-22  Female	CMV32 D-22  Male
CMV40 D-22  BSP Female	CMV41 D-23  BSP Male	CMV42 D-23  BSP Female 'T'	CMV43 D-23  BSP Female 'L'	CMV44 D-24  BSP Female	CMV45 D-24  BSP Female 'L'
CMV46 D-24  Cross BSP Female 'T'	CMV47 D-25  Cross BSP Female 'L'	CMV48 D-25  Cross BSP Female 'X'	 O-Rings		
C9RG D-26  O-Rings for CA, CE, CF Metric	C9RG D-26  O-Rings for C9, OC, 1C Metric Swivels	D9DT D-26  Bonded Seal for BSPP Port Fittings			
C9RG D-26  O-Rings for CA, CE, CF Metric	C9RG D-26  O-Rings for C9, OC, 1C Metric Swivels	D9DT D-26  Bonded Seal for BSPP Port Fittings	S180 D-27  SteckO O-Ring	SS180 D-27  Super SteckO O-Ring	SL180 D-27  Slimlok O-Ring
SSL180 D-27  Super Slimlok O-Ring	S195 D-28  SteckO Back-Up Washer	SS195 D-28  Super SteckO Back-Up Washer	SL195 D-28  Slimlok Back-Up Washer	SSL195 D-28  Super Slimlok Back-Up Washer	J0RG D-29 
XARG D-29  Flange "D" Rings Caterpillar® Style Flanges	8ARG D-29  Flange "D" Rings	59RG D-30  Tube O-Ring Fittings and Compressor Fittings	T1RG D-30  O-Rings for Compression Fittings (IT126)	CORG D-30  Hose Guards	
Partek Sleeve D-31 	PolyGuard (HG) D-32 	ParKoil™ (PG) D-32 	Spring Guard (SG) Armor Guard (AG) D-33 	Firesleeve (FS-F) D-34 	FSC Clamp D-34 
Firesleeve Accessories D-35 	Firesleeve Assembly Instructions D-35 	CL Clamp D-36 	HC Clamp D-37 	88HC-H Clamp D-37 	88DB Clamp D-37 

Hose
AFittings
BEquipment
CAccessories
DTechnical
E

Hose
A
Fittings
B
Equipment
C
Accessories
D
Technical
E

Protection Shields D-38 		Hose Assembly Workstations D-39 	HoseFab Table D-40 	Rotary Reel Rack D-40 	Saw Table D-40 
3/4 Reel Rack D-40 	Parker Kart D-41 	72B-Cabinet D-41 	HR6 Hose Bin D-41 		Hose Adapters D5 

SAE/NPT/Metric Hose Adapters

**O-Ring Face-Seal
Seal-Lok™**

Sizes: 6 mm – 38 mm
Materials: Steel,
Stainless Steel
Pressures: Up to
9200 psi

**O-Ring Face-Seal
Metric Seal-Lok™**

Sizes: 1/4" – 2"
Materials: Steel,
Stainless Steel
Pressures: Up to
9200 psi

**37° Flare Fittings
Triple-Lok®**

Sizes: 1/8" – 2"
Materials: Steel,
Stainless Steel,
Brass
Pressures: Up to
9000 psi

**37° Flare
Metric
Triple-Lok®**

Sizes: 6 mm – 38
mm
Materials: Steel,
Stainless Steel
Pressures: Up to
7200 psi

**Pipe Fittings and
Port Adapters**

Sizes: 1/8" – 2"
Materials: Steel,
Stainless Steel,
Brass
Pressures: Up to
7200 psi

**Conversion
Adapters**

Sizes: 1/4" – 1-1/2"
Materials: Steel,
Stainless Steel
Pressures: Up to
7700 psi

**Pipe Swivels**

Sizes: 1/8" – 2"
Materials: Steel,
Stainless Steel
Pressures: Up to
5000 psi

**Hydraulic Flange
and Flange
Adapters**

Sizes: 3/4" – 3"
Materials: Steel,
Stainless Steel
Pressures: Up to
6000 psi

**Japanese
Industrial
Standard
JIS**

Sizes: 1/4" – 1"
Materials: Steel
Pressures: Up to
5000 psi

**30° Flare
Komatsu Style**

Sizes: M14 x 1.5
– M33 x 1.5
Materials: Steel
Pressures: Up to
4000 psi

**60° Cone BSPP
K4**

Sizes: 1/8" – 2"
Materials: Steel
Pressures: Up to
5000 psi

How to Order Parker Hose Adapters

When ordering Parker Adapters, please state the Catalogued Number of each type of adapter desired. Be sure to double check tube and hose sizes of items required.

To select proper seal materials for specific applications, refer to Media Compatibility Chart in Tube Fitting Catalog 4300, or contact your Parker Tube Fitting Distributor.

If in doubt about which type or size of fitting to specify, consult your Parker Tube Fitting Distributor. In addition Parker Field Sales, Technical Services, the Tube Fitting Division and your local Parker Service Center will help you find answers to all your issues.

Phone: (614) 279-7070

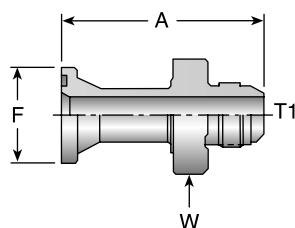
Fax: (614) 279-7685

Web: <http://www.parker.com/tfd>

Note: Refer to **Parker Catalog 4300** for more detailed application information.

**CALL TOLL-FREE 1-800-C
PARKER (1-800-272-7537)**

**Parker Information Center
for catalogs, literature or
additional information.**

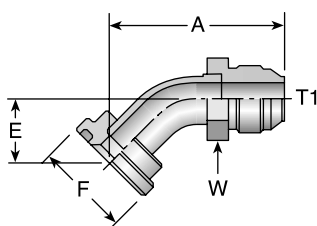
Hose
A**15T3**

SAE (Code 61) Flange – Male SAE (JIC) 37° Flare

# Part Number	Flange inch	Thread T1	A		W inch	F inch
			inch	mm		
15T3-8-8	1/2	1/2 3/4x16	2.80	71	1-1/4	1-3/16
15T3-12-12	3/4	3/4 1-1/16x12	3.20	81	1-9/16	1-1/2
15T3-16-12	1	3/4 1-1/16x12	2.68	47	1-1/8	1-3/4
15T3-16-16	1	1 1-5/16x12	3.22	82	1-7/8	1-3/4
15T3-20-16	1-1/4	1 1-5/16x12	2.76	51	1-3/8	2
15T3-20-20	1-1/4	1-1/4 1-5/8x12	3.69	94	2-1/4	2
15T3-24-24	1-1/2	1-1/2 1-7/8x12	4.04	103	2-1/2	2-3/8
15T3-32-32	2	2 2-1/2x12	4.44	113	2-7/8	2-13/16

Fittings
B**17T3**

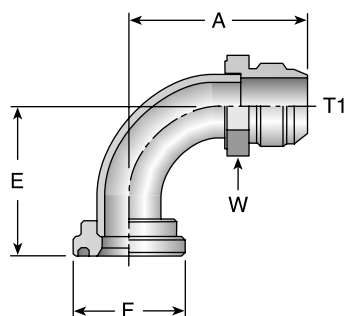
SAE (Code 61) Flange – Male SAE (JIC) 37° Flare - 45° Elbow



# Part Number	Flange inch	Thread T1	A		E		W inch	F inch
			inch	mm	inch	mm		
17T3-8-8	1/2	1/2 3/4x16	2.54	65	0.78	20	13/16	1-3/16
17T3-12-12	3/4	3/4 1-1/16x12	2.76	70	1.00	25	1-9/16	1-1/2
17T3-16-12	1	3/4 1-1/16x12	2.76	70	1.00	25	1-1/8	1-3/4
17T3-16-16	1	1 1-5/16x12	2.99	76	1.06	27	1-3/8	1-3/4
17T3-20-16	1-1/4	1 1-5/16x12	2.99	76	1.06	27	1-7/8	2
17T3-20-20	1-1/4	1-1/4 1-5/8x12	3.22	82	1.12	28	1-11/16	2
17T3-24-20	1-1/2	1-1/4 1-5/8x12	3.26	83	1.17	30	1-11/16	2-3/8
17T3-24-24	1-1/2	1-1/2 1-7/8x12	3.43	87	1.12	28	2	2-3/8
17T3-32-32	2	2 2-1/2x12	4.02	102	1.25	32	2-5/8	2-13/16

Equipment
C**19T3**

SAE (Code 61) Flange – Male SAE (JIC) 37° Flare - 90° Elbow



# Part Number	Flange inch	Thread T1	A		E		W inch	F inch
			inch	mm	inch	mm		
19T3-8-8	1/2	1/2 3/4x16	1.92	49	1.62	41	13/16	1-13/16
19T3-12-12	3/4	3/4 1-1/16x12	2.46	62	2.12	54	1-1/8	1-1/2
19T3-16-12	1	3/4 1-1/16x12	2.46	62	2.12	54	1-3/8	1-3/4
19T3-20-12	1-1/4	3/4 1-1/16x12	2.46	62	2.12	54	1-3/8	2
19T3-16-16	1	1 1-5/16x12	2.79	71	2.37	60	1-3/8	1-3/4
19T3-20-16	1-1/4	1 1-5/16x12	2.79	71	2.37	60	1-3/8	2
19T3-24-16	1-1/2	1 1-5/16x12	2.79	71	2.44	62	1-11/16	2-3/8
19T3-20-20	1-1/4	1-1/4 1-5/8x12	3.12	79	2.50	64	1-11/16	2
19T3-24-20	1-1/2	1-1/4 1-5/8x12	3.12	79	2.56	65	1-11/16	2-3/8
19T3-20-24	1-1/4	1-1/2 1-7/8x12	3.48	88	2.69	68	2	2
19T3-24-24	1-1/2	1-1/2 1-7/8x12	3.48	88	2.75	70	2	2-3/8
19T3-32-24	2	1-1/2 1-7/8x12	3.48	88	2.75	70	2	2-13/16
19T3-32-32	2	2 2-1/2x12	5.61	142	4.50	114	2-5/8	2-13/16

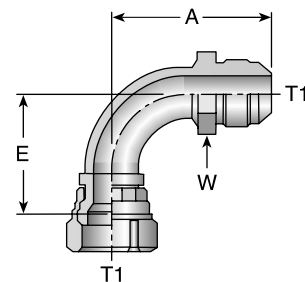
Accessories
DTechnical
E

Caution: Do not use the T3 flange to tube or swivel nut to tube adapter in hose assembly applications in which pressures exceed the SAE100R2 working pressure range.

39T3

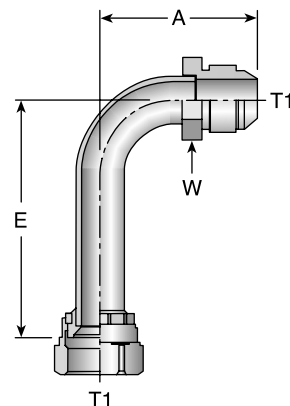
Male - Female Swivel - SAE (JIC) 37° - 90° Elbow

# Part Number	Thread T1		A		E		W
	inch	mm	inch	mm	inch	mm	inch
39T3-6-6	3/8	9/16x18	1.61	41	0.85	22	5/8
39T3-8-8	1/2	3/4x16	1.86	47	1.09	28	13/16
39T3-10-10	5/8	7/8x14	2.13	54	1.24	31	15/16
39T3-12-12	3/4	1-1/16x12	2.62	67	1.81	46	1-1/8
39T3-16-16	1	1-5/16x12	2.94	75	2.14	54	1-3/8
39T3-20-20	1-1/4	1-5/8x12	3.12	79	2.59	66	1-11/16

**41T3**

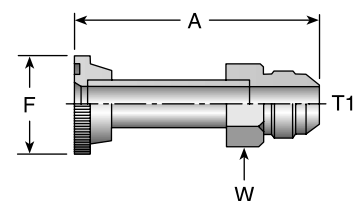
Male - Female Swivel - SAE (JIC) 37° - 90° Elbow - Long

# Part Number	Thread T1		A		E		W
	inch	mm	inch	mm	inch	mm	inch
41T3-8-8	1/2	3/4x16	1.94	49	2.43	62	13/16
41T3-10-10	5/8	7/8x14	2.20	56	2.57	65	15/16
41T3-12-12	3/4	1-1/16x12	2.50	64	3.74	95	1-1/8
41T3-16-16	1	1-5/16x12	2.79	71	4.23	107	1-3/8

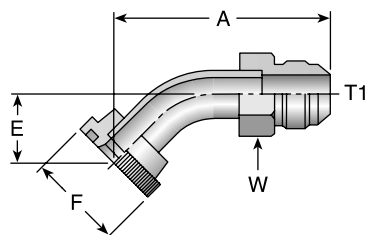
**4AH3**

SAE Code 61 Flange - Male SAE (JIC) 37° Flare - 5000 psi

# Part Number	Flange	Thread T1		A		W	F
	inch	inch	mm	inch	mm	inch	inch
4AH3-12-12	3/4	3/4	1-1/16x12	3.82	97	1-1/8	1-1/2
4AH3-16-16	1	1	1-5/16x12	4.09	104	1-3/8	1-3/4
4AH3-20-20	1-1/4	1-1/4	1-5/8x12	4.16	106	1-3/4	2
4AH3-24-24	1-1/2	1-1/2	1-7/8x12	4.97	126	2	2-3/8

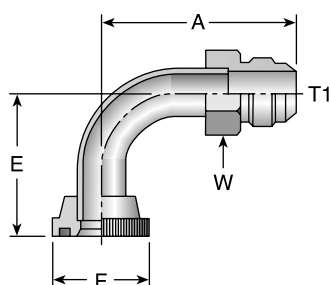


Caution: Do not use the T3 flange to tube or swivel nut to tube adapter in hose assembly applications in which pressures exceed the SAE100R2 working pressure range.

Hose
A**4FH3**

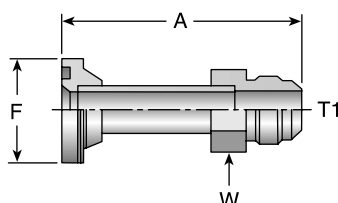
SAE Code 61 Flange - Male SAE (JIC) 37° Flare - 5000 psi - 45° Elbow

#									
Part Number	Flange inch	Thread T1	A		E		W	F	
			inch	mm	inch	mm	inch	inch	
4FH3-12-12	3/4	3/4	1-16x12	3.39	86	1.06	27	1-1/8	1-1/2
4FH3-16-16	1	1	1-5/16x12	3.85	98	1.27	32	1-3/8	1-3/4
4FH3-20-20	1-1/4	1-1/4	1-5/8x12	4.22	107	1.36	35	1-3/4	2

Fittings
B**4NH3**

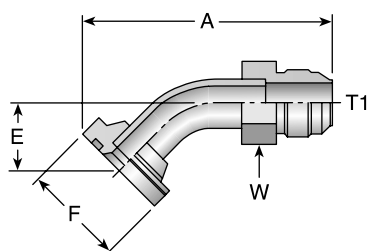
SAE Code 61 Flange - Male SAE (JIC) 37° Flare - 5000 psi - 90° Elbow

#									
Part Number	Flange	Thread		A		E		W	F
	inch	T1		inch	mm	inch	mm	inch	inch
4NH3-8-8	1/2	1/2	3/4x16	1.93	49	1.68	43	13/16	1-13/16
4NH3-12-12	3/4	3/4	1-1/16x12	3.07	78	2.24	57	1-1/8	1-1/2
4NH3-16-16	1	1	1-5/16x12	3.25	83	2.48	63	1-3/8	1-3/4
4NH3-20-20	1-1/4	1-1/4	1-5/8x12	4.68	119	2.99	76	1-3/4	2
4NH3-24-24	1-1/2	1-1/2	1-7/8x12	3.92	100	3.64	92	2	2-3/8

Equipment
C**6AH3**

SAE Code 62 Flange - Male SAE (JIC) 37° Flare

#	Flange	Thread	A		W	F
Part Number	inch	T1	inch	mm	inch	inch
6AH3-12-12	3/4	3/4	1-1/16x12	3.82	97	1-5/8
6AH3-16-16	1	1	1-5/16x12	4.09	104	1-7/8
6AH3-20-20	1-1/4	1-1/4	1-5/8x12	4.16	106	2-1/8
6AH3-24-24	1-1/2	1-1/2	1-7/8x12	4.97	126	2-1/2

Accessories
D**6FH3**

SAE Code 62 Flange - Male SAE (JIC) 37° Flare - 45° Elbow

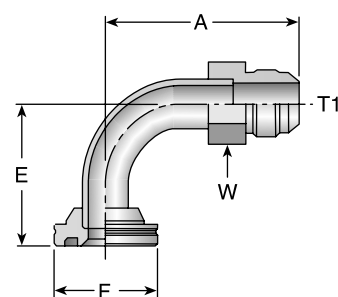
#								
Part Number	Flange	Thread	A		E		W	F
	inch	T1	inch	mm	inch	mm	inch	inch
6FH3-12-12	3/4	3/4	1-1/16x12	3.40	86	1.06	27	1-1/8
6FH3-16-16	1	1	1-5/16x12	3.85	98	1.28	33	1-3/8
6FH3-20-20	1-1/4	1-1/4	1-5/8x12	4.22	107	1.36	35	1-3/4
6FH3-24-24	1-1/2	1-1/2	1-7/8x12	5.13	130	1.71	43	2

Technical
E

6NH3

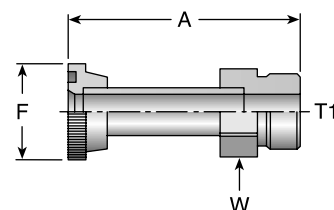
SAE Code 62 Flange - Male SAE (JIC) 37° Flare - 90° Elbow

#	Flange	Thread	A		E		W	F
Part Number	inch	T1	inch	mm	inch	mm	inch	inch
6NH3-12-12	3/4	1-1/16x12	3.07	78	2.24	57	1-1/8	1-5/8
6NH3-16-16	1	1-5/16x12	3.58	91	2.81	71	1-3/8	1-7/8
6NH3-20-20	1-1/4	1-5/8x12	4.68	119	2.99	76	1-3/4	2-1/8
6NH3-24-24	1-1/2	1-7/8x12	3.92	100	3.64	92	2	2-1/2

**4AJM**

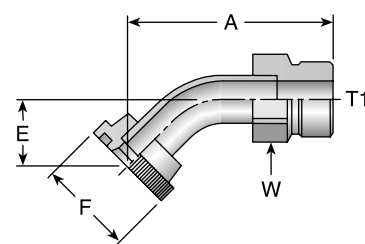
Code 61 Flange - Male Seal-Lok

#	Flange	Thread	A		W	F
Part Number	inch	T1	inch	mm	inch	inch
4AJM-12-12	1x1/2	1-3/16x12	3.65	93	1-1/4	1-1/2
4AJM-16-16	1x3/4	1-7/16x12	3.90	99	1-1/2	1-3/4
4AJM-20-20	2	1-11/16x12	3.92	100	1-3/4	2

**4FJM**

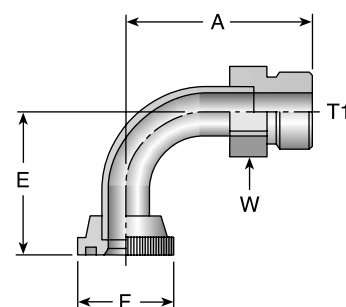
Code 61 Flange - Male Seal-Lok - 45° Elbow

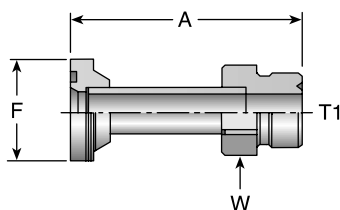
#	Flange	Thread	A		E		W	F
Part Number	inch	T1	inch	mm	inch	mm	inch	inch
4FJM-12-12	1x1/2	1-3/16x12	3.22	82	1.06	27	1-1/4	1-1/2
4FJM-16-16	1x3/4	1-7/16x12	3.64	92	1.27	33	1-1/2	1-3/4
4FJM-20-20	2	1-11/16x12	3.99	101	1.36	35	1-3/4	2

**4NJM**

Code 61 Flange - Male Seal-Lok - 90° Elbow

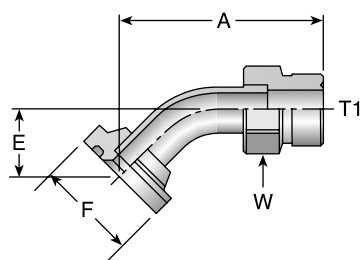
#	Flange	Thread	A		E		W	F
Part Number	inch	T1	inch	mm	inch	mm	inch	inch
4NJM-12-12	1x1/2	1-3/16x12	2.90	74	2.24	57	1-1/4	1-1/2
4NJM-16-16	1x3/4	1-7/16x12	3.38	86	2.81	71	1-1/2	1-3/4
4NJM-20-20	2	1-11/16x12	4.44	113	2.99	76	1-3/4	2

Hose
AFittings
BEquipment
CAccessories
DTechnical
E

Hose
A**6AJM**

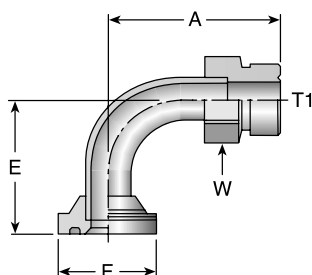
Code 62 Flange - Male Seal-Lok

# Part Number	Flange inch	Thread T1	A		W	F
			inch	mm	inch	inch
6AJM-12-12	1x1/2	1-3/16x12	3.65	93	1-1/4	1-5/8
6AJM-16-16	1-7/16x12	1-7/16x12	3.90	99	1-1/2	1-7/8
6AJM-20-20	2-1/8	1-11/16x12	3.92	100	1-3/4	2-1/8

Fittings
B**6FJM**

Code 62 Flange - Male Seal-Lok - 45° Elbow

# Part Number	Flange inch	Thread T1	A		E		W	F
			inch	mm	inch	mm	inch	inch
6FJM-12-12	1x1/2	1-3/16x12	3.22	82	1.06	27	1-1/4	1-5/8
6FJM-16-16	1-7/16x12	1-7/16x12	3.64	92	1.27	33	1-1/2	1-7/8
6FJM-20-20	2-1/8	1-11/16x12	3.99	101	1.36	35	1-3/4	2-1/8

Equipment
C**6NJM**

Code 62 Flange - Male Seal-Lok - 90° Elbow

# Part Number	Flange inch	Thread T1	A		E		W	F
			in	mm	in	mm	inch	inch
6NJM-12-12	1x1/2	1-3/16x12	2.90	74	2.24	57	1-1/4	1-5/8
6NJM-16-16	1-7/16x12	1-7/16x12	3.38	86	2.81	71	1-1/2	1-7/8
6NJM-20-20	2-1/8	1-11/16x12	4.44	113	2.99	76	1-3/4	2-1/8

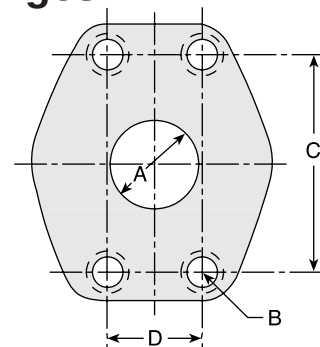
Accessories
DTechnical
E

SAE J518 port dimensions for 4-Bolt Split Flanges

There are two non-interchangeable SAE split flanges:

- Standard or Code 61 is for 3,000psi to 5,000psi maximum, depending on size.
- High Pressure or Code 62 is for 6,000psi maximum, regardless of size. The flange head is "V" notched for identification.

Consult these tables to determine flange halves and flange kits specifications.



Standard Pressure (Code 61)

Nominal Flange	Flange Dash Size	A Dia Max		B Thread	C		D		Maximum Working Pressure	
		inch	mm		±0.010 inch	±0.25 mm	±0.010 inch	±0.25 mm	psi	MPa
1/2	-8	0.50	13	5/16x18	1.50	38,10	0.68	17,47	5,000	34,5
3/4	-12	0.75	19	3/8x16	1.88	47,63	0.87	22,22	5,000	34,5
1	-16	1.00	25	3/8x16	2.06	52,37	1.03	26,18	5,000	34,5
1 1/4	-20	1.25	32	7/16x14	2.31	58,72	1.18	30,17	4,000*	27,6
1 1/2	-24	1.50	38	1/2x13	2.75	69,85	1.40	35,71	3,000*	20,7
2	-32	2.00	51	1/2x13	3.06	77,77	1.68	42,87	3,000*	20,7

Note: *5000 psi with 4A, 4F and 4N Fittings and 50H Flange Halves.

High Pressure (Code 62)

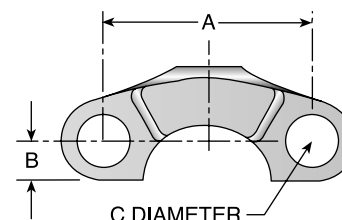
Nominal Flange	Flange Dash Size	A Dia Max		B Thread	C		D		Maximum Working Pressure	
		inch	mm		±0.010 inch	±0.25 mm	±0.010 inch	±0.25 mm	psi	MPa
3/4	-12	0.75	19	3/8x16	2.00	47,75	0.88	22,35	6,000	41,4
1	-16	1.00	25	7/16x14	2.25	57,15	1.09	27,76	6,000	41,4
1-1/4	-20	1.25	32	1/2x13	2.63	66,67	1.25	31,75	6,000	41,4
1-1/2	-24	1.50	38	5/8x11	3.13	79,37	1.43	36,49	6,000	41,4
2	-32	2.00	51	3/4x10	3.81	96,82	1.75	44,45	6,000	41,4

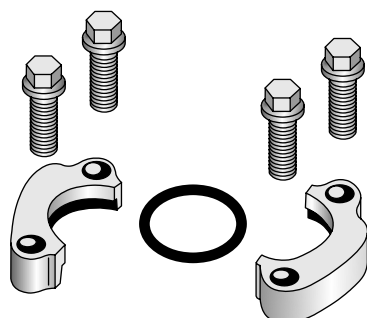
50H

5000 psi Flange Half (Code 61)

# Part Number	SAE Flange Size inch	A inch	B inch	C inch	Maximum Working Pressure psi
50H-20	1-1/4	2.31	0.55	0.47	5,000
50H-24	1-1/2	2.75	0.66	0.53	5,000
50H-32	2	3.06	0.80	0.53	5,000

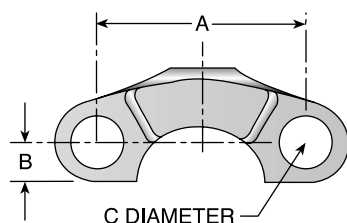
Note: For use with 4A, 4F and 4N Flanges.



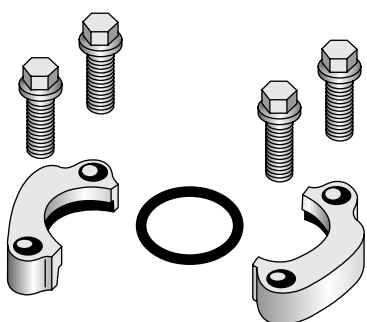
Hose
A**5050HK****5000 psi Flange Kit (Code 61)**

# Part Number	SAE Flange Size inch	Maximum Working Pressure (psi)	(2) Flange Halves	O-Ring	(4) Bolts Grade 8		(4) Washers
					Thread inch	Length inch	
5050HK-20	1-1/4	5,000	50H-20	711510-3	7/16x14	1-1/2	7/16
5050HK-24	1-1/2	5,000	50H-24	711510-2	1/2x13	1-1/2	1/2
5050HK-32	2	5,000	50H-32	711510-1	1/2x13	1-1/2	1/2

Note: For use with 4A, 4F and 4N Flanges.

Fittings
B**51H****SAE Flange Half (Code 61)**

# Part Number	SAE Flange Size inch	A inch	B inch	C inch	Maximum Working Pressure psi
51H-8	1/2	1.50	0.31	0.34	5,000
51H-12	3/4	1.88	0.40	0.41	5,000
51H-16	1	2.06	0.48	0.41	5,000
51H-20	1-1/4	2.31	0.56	0.47	4,000
51H-24	1-1/2	2.75	0.67	0.53	3,000
51H-32	2	3.06	0.81	0.53	3,000
51H-40	2-1/2	3.50	0.96	0.53	2,500

Equipment
C**5151HK****SAE Flange Kit (Code 61)**

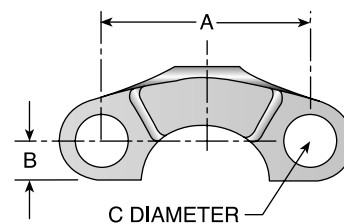
# Part Number	SAE Flange Size inch	Maximum Working Pressure (psi)	(2) Flange Halves	O-Ring	(4) Bolts Grade 8		(4) Washers
					Thread inch	Length inch	
5151HK-8	1/2	5,000	51H-8	711510-6	5/16x18	1-1/4	5/16
5151HK-12	3/4	5,000	51H-12	711510-5	3/8x16	1-1/4	3/8
5151HK-16	1	5,000	51H-16	711510-4	3/8x16	1-1/4	3/8
5151HK-20	1-1/4	4,000	51H-20	711510-3	7/16x14	1-1/2	7/16
5151HK-24	1-1/2	3,000	51H-24	711510-2	1/2x13	1-1/2	1/2
5151HK-32	2	3,000	51H-32	711510-1	1/2x13	1-1/2	1/2
5151HK-40	2-1/2	2,500	51H-40	711510-7	1/2x13	1-3/4	1/2
5151HK-48	3	2,000	51H-48	711510-8	5/8-11	1-3/4	5/8

Note: High pressure applications also require the use of Code 61 Flange End hose fittings.

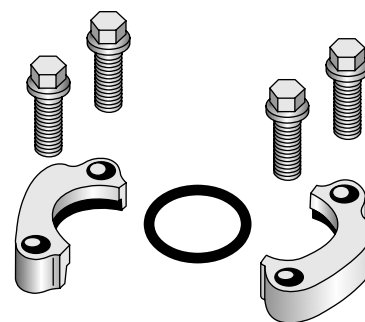
Accessories
DTechnical
E

HFH**SAE Flange Half (Code 62)**

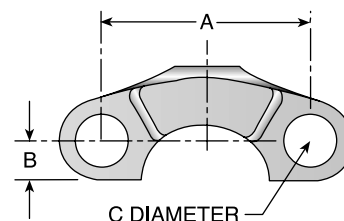
# Part Number	SAE Flange Size inch	A inch	B inch	C inch	Maximum Working Pressure psi
HFH-12	3/4	2.00	0.43	0.41	6,000
HFH-16	1	2.25	0.51	0.47	6,000
HFH-20	1 1/4	2.62	0.59	0.53	6,000
HFH-24	1 1/2	3.12	0.68	0.66	6,000
HFH-32	2	3.81	0.84	0.78	6,000

**HFHFHK****SAE Flange Kit (Code 62)**

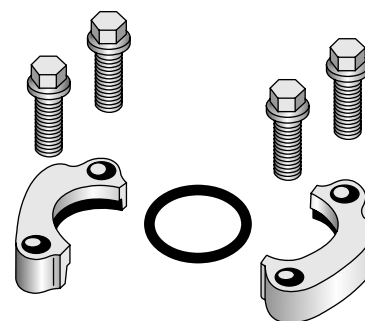
# Part Number	SAE Flange Size inch	Maximum Working Pressure psi	(2) Flange Halves	O-Ring	(4) Bolts Grade 8 Thread inch	Length inch	(4) Washers
HFHFHK-12	3/4	6,000	HFH-12	711510-5	3/8x16	1-1/2	3/8
HFHFHK-16	1	6,000	HFH-16	711510-4	7/16x14	1-3/4	7/16
HFHFHK-20	1-1/4	6,000	HFH-20	711510-3	1/2x13	1-3/4	1/2
HFHFHK-24	1-1/2	6,000	HFH-24	711510-2	5/8x11	2-1/4	5/8
HFHFHK-32	2	6,000	HFH-32	711510-1	3/4x10	2-3/4	3/4

**8FH****Flange Half (8000 psi)**

# Part Number	SAE Flange Size inch	A inch	B inch	C inch	Maximum Working Pressure psi
8FH-12	3/4	2.00	0.43	0.41	8,000
8FH-16	1	2.25	0.51	0.47	8,000

**8FHFHK****Flange Kit (8000 psi)**

# Part Number	SAE Flange Size inch	Maximum Working Pressure psi	(2) Flange Halves	D-Ring	(4) Bolts Grade 8 Thread inch	Length inch	(4) Washers
8FHFHK-12	3/4	8,000	8FH-12	8ARG-12	3/8-16	1-3/4	3/8
8FHFHK-16	1	8,000	8FH-16	8ARG-16	7/16-14	1-3/4	7/16



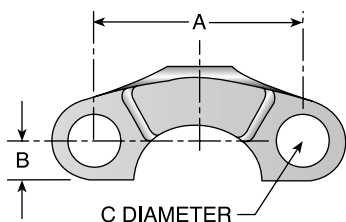
DIN and ISO Metric Ports

DIN (German) and ISO (International Organization for Standardization) flange heads are the same as SAE flange heads. By comparison, the ports have the same configuration except that the DIN and ISO Type I ports accept metric bolts. This requires special flange halves in most sizes.

SAE J518	DIN 20078	ISO 6162 Type I
Code 61	Form R	3,5 to 35 MPa Series
Code 62	Form S	35 to 40 MPa Series

M1H

DIN (ISO) Flange Half

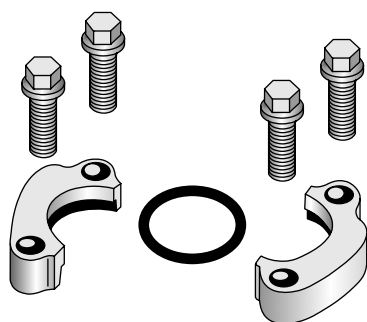


# Part Number	DIN Flange Size	ISO Flange Size	A mm	B mm	C mm	Maximum Working Pressure	
						psi	MPa
M1H-8	8	13	38	8	9	5,000	34,5
M1H-12	12	19	48	10	11	5,000	34,5
M1H-16	16	25	52	12	11	5,000	34,5
M1H-20	20	32	59	14	11	4,000	27,6
M1H-24	24	38	70	17	13.5	3,000	20,7
M1H-32	32	51	78	21	13.5	3,000	20,7

Note: High pressure applications also require the use of Code 62 Flange End hose fittings.

M1M1HK

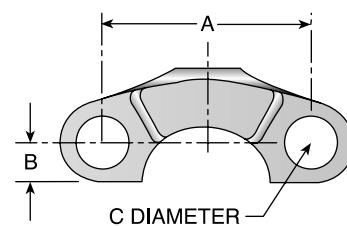
DIN (ISO) Flange Kit (Code 61)



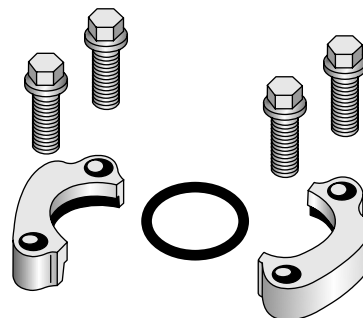
# Part Number	DIN Flange Size	ISO Flange Size	Maximum Working Pressure		(2) Flange Halves	O-Ring	(4) Bolts		(4) Washers
			psi	MPa			Thread mm	Length mm	
M1M1HK-8	8	13	5,000	34,5	M1H-8	711510-6	M8x1.25	30	10
M1M1HK-12	12	19	5,000	34,5	M1H-12	711510-5	M10x1.50	30	10
M1M1HK-16	16	25	5,000	34,5	M1H-16	711510-4	M10x1.50	30	10
M1M1HK-20	20	32	4,000	27,6	M1H-20	711510-3	M10x1.50	40	10
M1M1HK-24	24	38	3,000	20,7	M1H-24	711510-2	M12x1.75	40	12
M1M1HK-32	32	51	3,000	20,7	M1H-32	711510-1	M12x1.75	40	12
M1M1HK-40	40	64	2,500	17,2	M1H-40	711510-7	M12x1.75	45	12

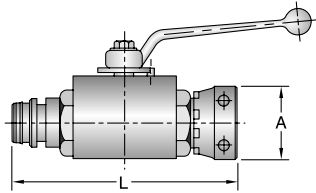
M2H**DIN (ISO) Flange Half (Code 62)**

# Part Number	DIN Flange Size	ISO Flange Size	A mm	B mm	C mm	Maximum Working Pressure	
						psi	MPa
M2H-8	8	13	41	8	9	6,000	41,5
M2H-12	12	19	51	11	11	6,000	41,5
M2H-16	16	25	57	13	13,5	6,000	41,5
M2H-20	20	32	67	15	13,5	6,000	41,5
M2H-24	24	38	79	17	17,5	6,000	41,5
M2H-32	32	51	97	21	22	6,000	41,5

**M2M2HK****DIN (ISO) Flange Kit (Code 62)**

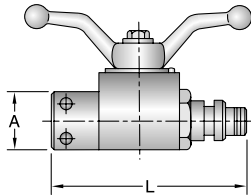
# Part Number	DIN Flange Size	ISO Flange Size	Maximum Working Pressure		(2) Flange Halves	O-Ring	(4) HHCS		(4) Washers
			psi	MPa			Thread mm	Length mm	
M2M2HK-8	8	13	6,000	41,5	M2H-8	711510-6	M8x1.25	30	8
M2M2HK-12	12	19	6,000	41,5	M2H-12	711510-5	M10x1.50	35	10
M2M2HK-16	16	25	6,000	41,5	M2H-16	711510-4	M12x1.75	45	12
M2M2HK-20	20	32	6,000	41,5	M2H-20	711510-3	M12x1.75	45	12
M2M2HK-24	24	38	6,000	41,5	M2H-24	711510-2	M16x2.00	55	16
M2M2HK-32	32	51	6,000	41,5	M2H-32	711510-1	M20x2.50	70	20

Hose
AFittings
BEquipment
CAccessories
DTechnical
E

Hose
AFittings
B**CMV10****Stecko Block Ball Valve**

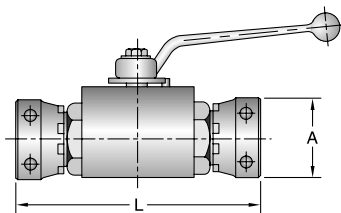
Stecko Male - Female

# Part Number	Port Size			P BAR	L mm	A mm
	Inch	Dash	Din			
CMV10-04-1	1/4"	4	6	500	108	25
CMV10-06-1	3/8"	6	10	500	108	32
CMV10-08-1	1/2"	8	12	500	110	35
CMV10-12-1	3/4"	12	20	350	134	45
CMV10-16-1	1"	16	25	350	163	60
CMV10-20-1	1-1/4"	20	32	250	163	60
CMV10-24-1	1-1/2"	24	40	160	190	70
CMV10-32-1	2"	32	50	160	211	82
CMV10-40-1	2-1/2"	40	65	35	350	100
CMV10-48-1	3"	48	75	35	400	120

Equipment
C**CMV11****Stecko Block Ball Valve**

Stecko Male - Fixed Female

# Part Number	Port Size			P BAR	L mm	A mm
	Inch	Dash	Din			
CMV11-06-4	3/8"	6	10	500	104	30
CMV11-08-4	1/2"	8	12	500	110	35

Accessories
D**CMV12****Stecko Block Ball Valve**

Stecko Female - Female

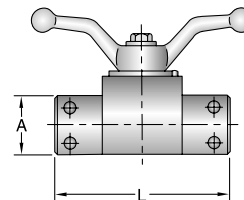
# Part Number	Port Size			P BAR	L mm	A mm
	Inch	Dash	Din			
CMV12-04-1	1/4"	4	6	500	110	25
CMV12-06-4	3/8"	6	10	500	110	32
CMV12-08-4	1/2"	8	12	500	112	35
CMV12-12-1	3/4"	12	20	350	135	45
CMV12-16-1	1"	16	25	350	164	60
CMV12-20-1	1-1/4"	20	32	250	164	60
CMV12-24-1	1-1/2"	24	40	160	190	70
CMV12-32-1	2"	32	50	160	211	82
CMV12-40-1	2-1/2"	40	65	35	360	100
CMV12-48-1	3"	48	75	35	400	120

Technical
E

CMV13**Stecko Block Ball Valve**

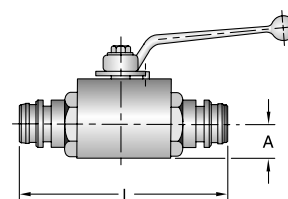
Stecko Fixed Female

# Part Number	Port Size			P BAR	L mm	A mm
	Inch	Dash	Din			
CMV13-06-4	3/8"	6	10	500	93	30
CMV13-08-4	1/2"	8	12	500	106	35

**CMV14****Stecko Block Ball Valve**

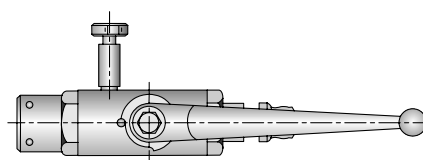
Stecko Male

# Part Number	Port Size			P BAR	L mm	A mm
	Inch	Dash	Din			
CMV14-04-1	1/4"	4	6	500	115	15
CMV14-06-4	3/8"	6	10	500	115	15
CMV14-08-4	1/2"	8	12	500	115	15
CMV14-12-1	3/4"	12	20	350	134	21
CMV14-16-1	1	16	25	350	162	20
CMV14-20-1	1-1/4"	20	32	250	162	20
CMV14-24-1	1-1/2"	24	40	160	175	41
CMV14-32-1	2"	32	50	160	200	46

**CMV15****Stecko Block Bleed Ball Valve**

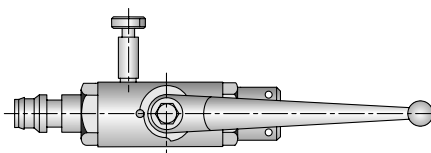
Stecko Male - Female

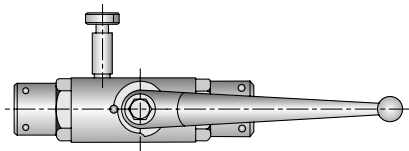
# Part Number	Port Size			P BAR
	Inch	Dash	Din	
CMV15-06-1	3/8"	6	10	500
CMV15-08-1	1/2"	8	12	500

**CMV16****Stecko Block Bleed Ball Valve**

Stecko Male - Female

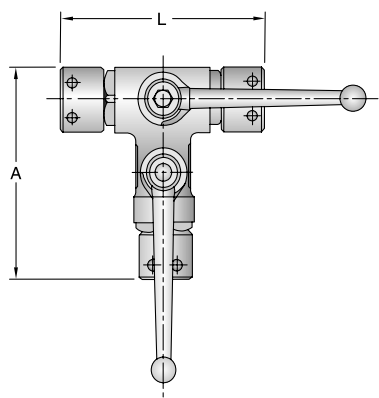
# Part Number	Port Size			P BAR
	Inch	Dash	Din	
CMV16-06-1	3/8"	6	10	500
CMV16-08-1	1/2"	8	12	500

Hose
AFittings
BEquipment
CAccessories
DTechnical
E

Hose
A**CMV17****Stecko Block Bleed Ball Valve**

Stecko Female - Female

# Part Number	Port Size			P BAR
	Inch	Dash	Din	
CMV17-06-1	3/8"	6	10	500
CMV17-08-1	1/2"	8	12	500

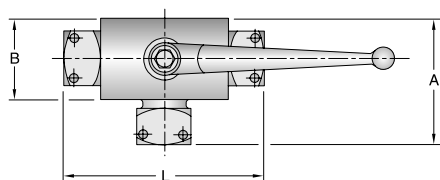
Fittings
B**CMV18****Stecko Block Ball Valve**

Stecko Female Tee Twin Handles

# Part Number	Port Size			P BAR	L mm	A mm
	Inch	Dash	Din			
CMV18-0606-1	3/8"	6	6	500	130	130
CMV18-0806-1	1/2" - 3/8"	8 - 6	12 - 10	500	130	130
CMV18-0808-1	1/2"	8	12	500	130	130
CMV18-1206-1	3/4" - 3/8"	12 - 6	20 - 10	315	140	130
CMV18-1208-1	3/4" - 1/2"	12 - 8	20 - 12	315	140	130
CMV18-1212-1	3/4"	12	20	315	140	134
CMV18-1606-1	1" - 3/8"	16 - 6	25 - 10	315	147	130
CMV18-1608-1	1" - 1/2"	16 - 8	25 - 12	315	147	130
CMV18-1612-1	1" - 3/4"	16 - 12	25 - 20	315	147	134
CMV18-1616-1	1"	16	25	315	147	138

Equipment
C**CMV19****Stecko Block Ball Valve**

Stecko Female Tee 'T'



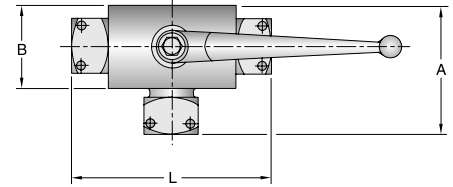
# Part Number	Port Size			P BAR	L mm	A mm	B mm
	Inch	Dash	Din				
CMV19-06-1	3/8"	6	10	400	143	65	35
CMV19-08-1	1/2"	8	12	400	147	65	35
CMV19-12-1	3/4"	12	20	250	141	70	40
CMV19-16-1	1"	16	25	160	159	161	55

Accessories
DTechnical
E

CMV20**Stecko Block Ball Valve**

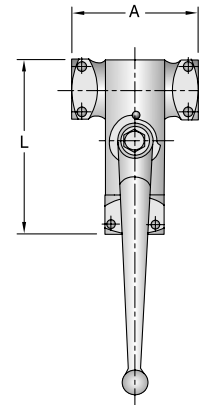
Stecko Female Tee 'L'

# Part Number	Port Size			P BAR	L mm	A mm	B mm
	Inch	Dash	Din				
CMV20-06-1	3/8"	6	10	400	143	65	35
CMV20-08-1	1/2"	8	12	400	147	65	35
CMV20-12-1	3/4"	12	20	250	141	70	40
CMV20-16-1	1"	16	25	160	159	161	55

**CMV21****Stecko Block Ball Valve**

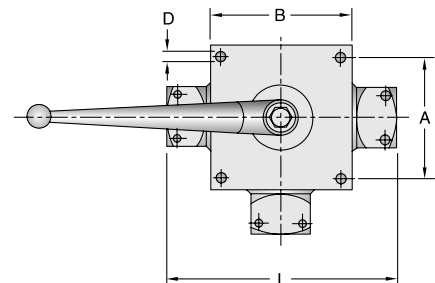
Stecko Female Tee

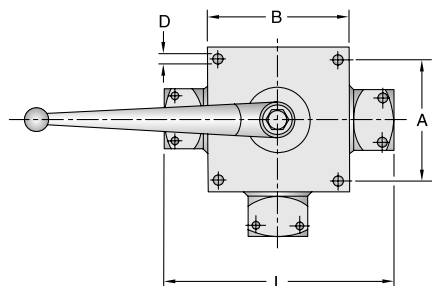
# Part Number	Port Size			P BAR	L mm	A mm
	Inch	Dash	Din			
CMV21-0606-1	3/8"	6	6	500	109	95
CMV21-0806-1	1/2" - 3/8"	8 - 6	12 - 10	500	109	95
CMV21-0808-1	1/2"	8	12	500	111	95
CMV21-1206-1	3/4" - 3/8"	12 - 6	20 - 10	315	109	95
CMV21-1208-1	3/4" - 1/2"	12 - 8	20 - 12	315	111	95
CMV21-1212-1	3/4"	12	20	315	119	100
CMV21-1606-1	1" - 3/8"	16 - 6	25 - 10	315	109	141
CMV21-1608-1	1" - 1/2"	16 - 8	25 - 12	315	111	141
CMV21-1612-1	1" - 3/4"	16 - 12	25 - 20	315	119	146
CMV21-1616-1	1"	16	25	315	120	146

**CMV22****Stecko Block Ball Valve**

Stecko Female Tee

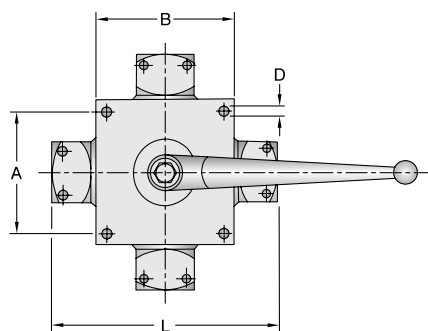
# Part Number	Port Size			P Inch	L Dash	A Din	B mm	D mm
	Inch	Dash	Din					
CMV22-06-1	3/8"	6	10	400	150	65	80	6,5
CMV22-08-1	1/2"	8	12	400	150	65	80	6,5
CMV22-12-1	3/4"	12	20	315	170	80	100	9
CMV22-16-1	1"	16	25	250	190	85	110	9

Hose
AFittings
BEquipment
CAccessories
DTechnical
E

Hose
A**CMV23****Stecko Block Ball Valve**

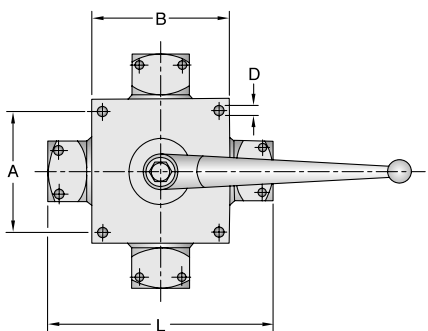
Stecko Female Tee

# Part Number	Port Size			P Inch	L Dash	A Din	B mm	D mm
	Inch	Dash	Din					
CMV23-06-1	3/8"	6	10	400	150	65	80	6,5
CMV23-08-1	1/2"	8	12	400	150	65	80	6,5
CMV23-12-1	3/4"	12	20	315	170	80	100	9
CMV23-16-1	1"	16	25	250	190	85	110	9

Fittings
B**CMV24****Stecko Block Ball Valve**

Stecko Female Cross 'T'

# Part Number	Port Size			P Inch	L Dash	A Din	B mm	D mm
	Inch	Dash	Din					
CMV24-06-1	3/8"	6	10	400	150	65	80	6,5
CMV24-08-1	1/2"	8	12	400	150	65	80	6,5
CMV24-12-1	3/4"	12	20	315	170	80	100	9
CMV24-16-1	1"	16	25	250	190	85	110	9

Equipment
C**CMV25****Stecko Block Ball Valve**

Stecko Female Cross 'L'

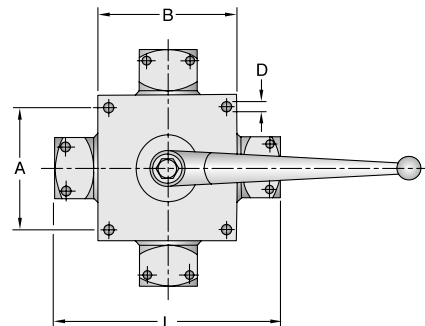
# Part Number	Port Size			P Inch	L Dash	A Din	B mm	D mm
	Inch	Dash	Din					
CMV25-06-1	3/8"	6	10	400	150	65	80	6,5
CMV25-08-1	1/2"	8	12	400	150	65	80	6,5
CMV25-12-1	3/4"	12	20	315	170	80	100	9
CMV25-16-1	1"	16	25	250	190	85	110	9

Accessories
DTechnical
E

CMV26**Stecko Block Ball Valve**

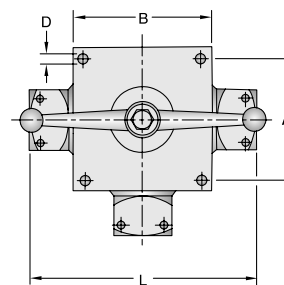
Stecko Female Cross 'X'

# Part Number	Port Size			P Inch	L Dash	A Din	B mm	D mm
	Inch	Dash	Din					
CMV26-06-1	3/8"	6	10	400	150	65	80	6,5
CMV26-08-1	1/2"	8	12	400	150	65	80	6,5
CMV26-12-1	3/4"	12	20	315	170	80	100	9
CMV26-16-1	1"	16	25	250	190	85	110	9

**CMV27****Stecko Block Ball Valve**

Stecko Female Cross 'L' Compact

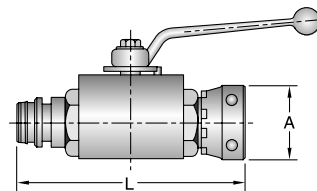
# Part Number	Port Size			P Inch	L Dash	A Din	B mm	D mm
	Inch	Dash	Din					
CMV27-06-2	3/8"	6	10	400	102	52	52	65

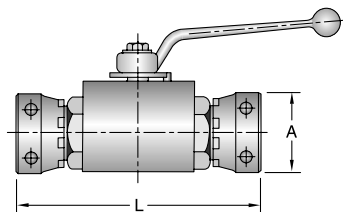
**CMV30****Block Ball Valve Super Stecko**

Super Stecko Male - Female

# Part Number	Port Size			P Inch	L Dash	A Din
	Inch	Dash	Din			
CMV30-08-2	1/2"	8	12	520	128	38
CMV30-12-1	3/4"	12	20	420	160	45
CMV30-16-1	1"	16	25	380	204	60
CMV30-20-1	1-1/4"	20	32	350	214	70
*CMV30-24-1	1-1/2"	24	40	350	260	82
*CMV30-32-1	2"	32	50	350	260	95

*Rigid on -24 (1-1/2") and -32 (2") sizes.

Hose
AFittings
BEquipment
CAccessories
DTechnical
E

Hose
A**CMV31****Block Ball Valve Super Stecko**

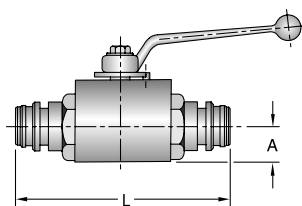
Super Stecko Female

# Part Number	Port Size			P Inch	L Dash	A Din
	Inch	Dash	Din			
CMV31-08-2	1/2"	8	12	520	124	38
CMV31-12-1	3/4"	12	20	420	160	45
CMV31-16-1	1"	16	25	380	200	60
CMV31-20-1	1-1/4"	20	32	350	206	70
*CMV31-24-1	1-1/2"	24	40	350	260	82
*CMV31-32-1	2"	32	50	350	260	95

*Rigid on -24 (1-1/2") and -32 (2") sizes.

Fittings
B**CMV32****Block Ball Valve Super Stecko**

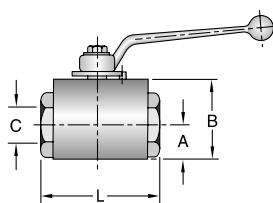
Super Stecko Male



# Part Number	Port Size			P Inch	L Dash	A Din
	Inch	Dash	Din			
CMV32-08-2	1/2"	8	12	500	132	15
CMV32-12-1	3/4"	12	20	420	166	21
CMV32-16-1	1"	16	25	380	210	20
CMV32-20-1	1-1/4"	20	32	350	222	20
CMV32-24-1	1-1/2"	24	40	350	260	41
CMV32-32-1	2"	32	50	350	260	46

Equipment
C**CMV40****Block Ball Valve**

BSP Female



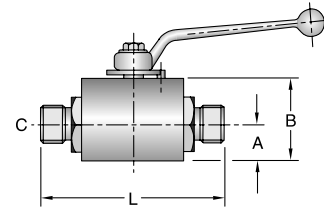
# Part Number	Port Size			P Inch	L Dash	A Din	B mm	C mm
	Inch	Dash	Din					
CMV40-02-1	1/8"	2	4	500	50	12.5	30	1/8" BSP
CMV40-04-1	1/4"	4	6	500	50	12.5	30	1/4" BSP
CMV40-05-1	3/8"	5	8	500	65	15	40	3/8" BSP
CMV40-06-1	3/8"	6	10	500	65	15	40	3/8" BSP
CMV40-08-1	1/2"	8	12	500	72	18	45	1/2" BSP
CMV40-10-1	5/8"	10	16	400	75	21	50	5/8" BSP
CMV40-12-1	3/4"	12	20	315	77	24	55	3/4" BSP
CMV40-16-1	1"	16	25	315	92	30	65	1" BSP

Accessories
DTechnical
E

CMV41**Block Ball Valve**

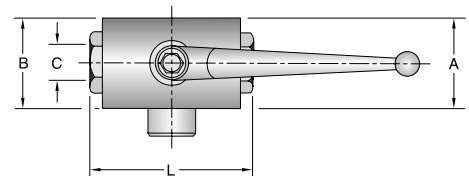
BSP Male

# Part Number	Port Size			P Inch	L Dash	A Din	B mm	C mm
	Inch	Dash	Din					
CMV41-02-1	1/8"	2	4	500	50	12.5	30	1/8" BSP
CMV41-04-1	1/4"	4	6	500	50	12.5	30	1/4" BSP
CMV41-05-1	3/8"	5	8	500	65	15	40	3/8" BSP
CMV41-06-1	3/8"	6	10	500	65	15	40	3/8" BSP
CMV41-08-1	1/2"	8	12	500	72	18	45	1/2" BSP
CMV41-10-1	5/8"	10	16	400	75	21	50	5/8" BSP
CMV41-12-1	3/4"	12	20	315	77	24	55	3/4" BSP
CMV41-16-1	1"	16	25	315	92	30	65	1" BSP

**CMV42****Block Ball Valve**

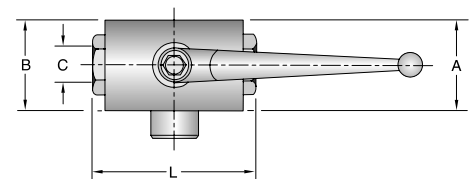
BSP Female Tee

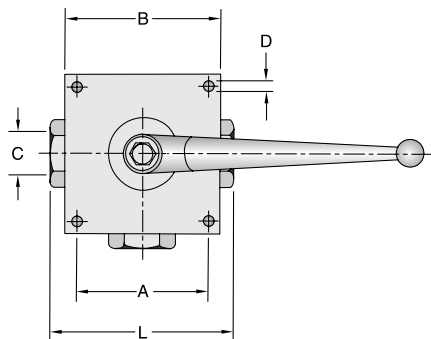
# Part Number	Port Size			P Inch	L Dash	A Din	B mm	C mm
	Inch	Dash	Din					
CMV42-06-1	3/8"	6	10	400	55	48	30	3/8" BSP
CMV42-08-1	1/2"	8	12	400	72	55	35	1/2" BSP
CMV42-12-1	3/4"	12	20	160	77	69	45	3/4" BSP
CMV42-16-1	1"	16	25	160	92	81	55	1" BSP

**CMV43****Block Ball Valve**

Tee BSP Female 'L'

# Part Number	Port Size			P Inch	L Dash	A Din	B mm	C mm
	Inch	Dash	Din					
CMV43-06-1	3/8"	6	10	400	55	48	30	3/8" BSP
CMV43-08-1	1/2"	8	12	400	72	55	35	1/2" BSP
CMV43-12-1	3/4"	12	20	160	77	69	45	3/4" BSP
CMV43-16-1	1"	16	25	160	92	81	55	1" BSP

Hose
AFittings
BEquipment
CAccessories
DTechnical
E

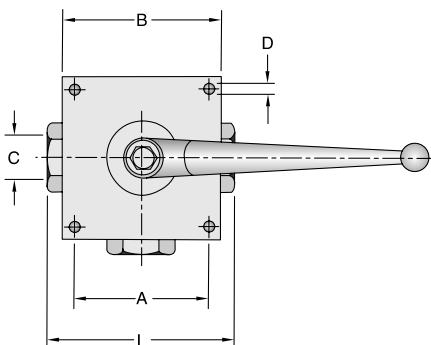
Hose
A**CMV44****Block Ball Valve**

Tee BSP Female 'T'

# Part Number	Port Size			P Inch	L Dash	A Din	B mm	C mm	D mm
	Inch	Dash	Din						
CMV44-02-1	1/8"	2	4	500	82	55	70	1/8" BSP	6,5
CMV44-04-1	1/4"	4	6	500	82	55	70	1/4" BSP	6,5
CMV44-06-1	3/8"	6	10	400	92	65	80	3/8" BSP	6,5
CMV44-08-1	1/2"	8	12	315	112	80	100	1/2" BSP	9
CMV44-12-1	3/4"	12	20	250	122	85	110	3/4" BSP	9
CMV44-16-1	1"	16	25	160	142	105	130	1" BSP	11

Fittings
B**CMV45****Block Ball Valve**

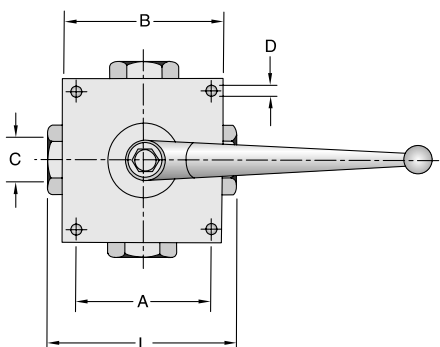
Tee BSP Female 'L'



# Part Number	Port Size			P Inch	L Dash	A Din	B mm	C mm	D mm
	Inch	Dash	Din						
CMV45-02-1	1/8"	2	4	500	82	55	70	1/8" BSP	6,5
CMV45-04-1	1/4"	4	6	500	82	55	70	1/4" BSP	6,5
CMV45-06-1	3/8"	6	10	400	92	65	80	3/8" BSP	6,5
CMV45-08-1	1/2"	8	12	315	112	80	100	1/2" BSP	9
CMV45-12-1	3/4"	12	20	250	122	85	110	3/4" BSP	9
CMV45-16-1	1"	16	25	160	142	105	130	1" BSP	11

Equipment
C**CMV46****Block Ball Valve**

Cross BSP Female 'T'



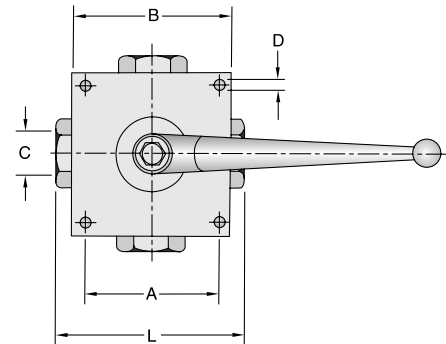
# Part Number	Port Size			P Inch	L Dash	A Din	B mm	C mm	D mm
	Inch	Dash	Din						
CMV46-02-1	1/8"	2	4	500	82	55	70	1/8" BSP	6,5
CMV46-04-1	1/4"	4	6	500	82	55	70	1/2" BSP	6,5
CMV46-06-1	3/8"	6	10	400	92	65	80	3/8" BSP	6,5
CMV46-08-1	1/2"	8	12	315	112	80	100	1/2" BSP	9
CMV46-12-1	3/4"	12	20	250	122	85	110	3/4" BSP	9
CMV46-16-1	1"	16	25	160	142	105	130	1" BSP	11

Accessories
DTechnical
E

CMV47**Block Ball Valve**

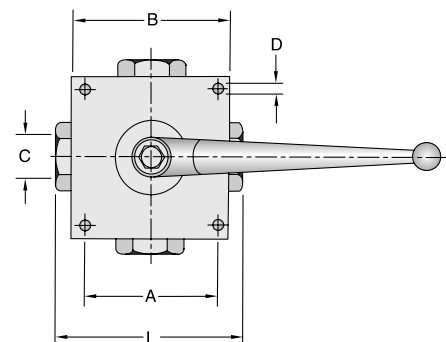
Cross BSP Female 'L'

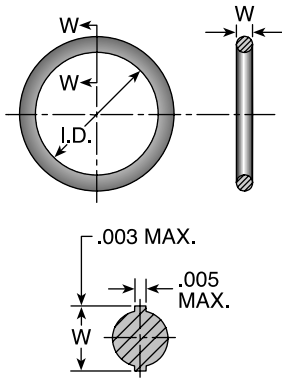
# Part Number	Port Size			P Inch	L Dash	A Din	B mm	C mm	D mm
	Inch	Dash	Din						
CMV47-02-1	1/8"	2	4	500	82	55	70	1/8" BSP	6,5
CMV47-04-1	1/4"	4	6	500	82	55	70	1/2" BSP	6,5
CMV47-06-1	3/8"	6	10	400	92	65	80	3/8" BSP	6,5
CMV47-08-1	1/2"	8	12	315	112	80	100	1/2" BSP	9
CMV47-12-1	3/4"	12	20	250	122	85	110	3/4" BSP	9
CMV47-16-1	1"	16	25	160	142	105	130	1" BSP	11

**CMV48****Block Ball Valve**

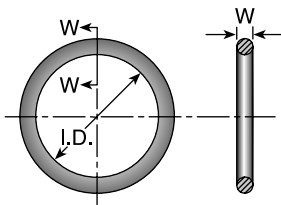
Cross BSP Female 'X'

# Part Number	Port Size			P Inch	L Dash	A Din	B mm	C mm	D mm
	Inch	Dash	Din						
CMV48-02-1	1/8"	2	4	500	82	55	70	1/8" BSP	6,5
CMV48-04-1	1/4"	4	6	500	82	55	70	1/2" BSP	6,5
CMV48-06-1	3/8"	6	10	400	92	65	80	3/8" BSP	6,5
CMV48-08-1	1/2"	8	12	315	112	80	100	1/2" BSP	9
CMV48-12-1	3/4"	12	20	250	122	85	110	3/4" BSP	9
CMV48-16-1	1"	16	25	160	142	105	130	1" BSP	11

Hose
AFittings
BEquipment
CAccessories
DTechnical
E

Hose
A**711509****O-Rings - SAE Thread (Compound N552-90)***

# Part Number	Tube Dash Size	Tube O.D. inch	SAE Thread inch	W		I.D.	
				inch	mm	inch	mm
711509-1	-4	1/4	7/16x20	0.072	1,83	0.351	8,92
711509-2	-5	5/16	1/2x20	0.072	1,83	0.414	10,52
711509-3	-6	3/8	9/16x20	0.078	1,98	0.468	11,89
711509-4	-8	1/2	3/4x16	0.087	2,21	0.644	16,36
711509-5	-10	5/8	7/8x14	0.097	2,46	0.755	19,18
711509-6	-12	3/4	1-1/16x12	0.116	2,95	0.924	23,56
711509-7	-16	1	1-5/16x12	0.116	2,95	1.171	29,74
711509-8	-20	1-1/4	1-5/8x12	0.118	3,00	1.475	37,47
711509-9	-24	1-1/2	1-7/8x12	0.118	3,00	1.720	43,69
711509-10	-32	2	2-1/2x12	0.118	3,00	2.337	59,36

Fittings
B**711510****O-Rings - Code 61 and Code 62 Flanges (Compound N552-90)***

# Part Number	Flange Dash Size	Flange Size inch	W		I.D.	
			inch	mm	inch	mm
711510-6	-8	1/2	0.14	3,53	0.73	18,64
711510-9*	-10	5/8	0.14	3,53	0.79	20,20
711510-5	-12	3/4	0.14	3,53	0.98	25,00
711510-4	-16	1	0.14	3,53	1.29	32,92
711510-3	-20	1-1/4	0.14	3,53	1.48	37,69
711510-2	-24	1-1/2	0.14	3,53	1.85	47,22
711510-1	-32	2	0.14	3,53	2.23	56,74
711510-7	-40	2-1/2	0.14	3,53	2.73	69,44
711510-8	-48	3	0.14	3,53	3.35	85,32

***Note:** For use with petroleum base fluids, other compounds available for Phosphate Ester fluids.
Please contact The Parker Hannifin Seal Group/O-Ring Division (1-800-C-PARKER) for additional information.

Equipment
C**C9RG****O-Rings for CA, CE,
CF Metric**

# Part Number	W mm	I.D. mm
C9RG-8	1,5	6,0
C9RG-10	1,5	7,5
C9RG-12	1,5	9,0
CARG-15	2,0	12,0
CARG-18	2,0	15,0
CARG-22	2,0	20,0
CARG-28	2,0	26,0

C9RG**O-Rings for C9, OC,
1C Metric Swivels**

# Part Number	W mm	I.D. mm
C9RG-8	1,5	6,0
C9RG-10	1,5	7,5
C9RG-12	1,5	9,0
C9RG-14	2,0	10,0
C9RG-20	2,4	16,3
C9RG-25	2,4	20,3
C9RG-30	2,4	25,3
C9RG-38	2,5	33,0

D9DT**Bonded Seal for
BSPP Port Fittings**

# Part Number	I.D.		O.D.	
	Inch	mm	Inch	mm
D9DT-4	0.54	13,7	0.81	20,6
D9DT-6	0.68	17,3	0.94	23,9
D9DT-8	0.85	21,6	1.13	28,7
D9DT-10	0.93	23,6	1.25	31,8
D9DT-12	1.06	27,0	1.38	35,1
D9DT-16	1.33	33,8	1.68	42,7

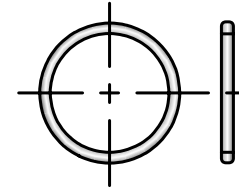
***Note:** D9DT must be ordered from the Tube Fittings Division. Please contact TFD for additional size and product information.

Accessories
DTechnical
E

S180**SteckO O-Ring**

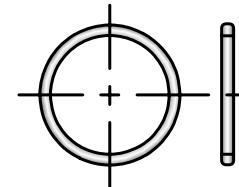
# Part Number	Nominal Bore		
	inch	dash	din
S180-4	1/4	4	6
S180-6	3/8	6	10
S180-8	1/2	8	12
S180-12	3/4	12	20
S180-16	1	16	25
S180-20	1-1/4	20	32
S180-24	1-1/2	24	40
S180-32	2	32	50
S180-40	2-1/2	40	65
S180-48	3	48	75

Material: Nitrile Rubber.

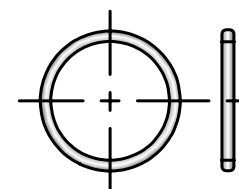
**SS180****Super SeckO O-Ring**

# Part Number	Port Size			ID (mm)	Section (mm)
	inch	dash	din		
SS180-8	1/2	8	12	11	2.5
SS180-12	3/4	12	20	17	2.5
*S180-16	1	16	25	25	2.5
*S180-20	1-1/4	20	32	33	2.5
SS180-24	1-1/2	24	40	37	3.0
SS180-32	2	32	50	43	3.0

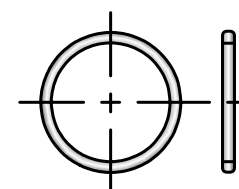
* Interchangeable with Standard SteckO® O-Ring.

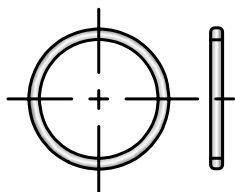
**SL180****Slimlok O-Ring**

# Part Number	Hose End	
	din	inch
SL180-24	40	1-1/2
SL180-32	50	2
SL180-40	65	2-1/2

**SSL180****Super Slimlok O-Ring**

# Part Number	Hose End	
	din	inch
SSL180-24	40	1-1/2
SSL180-32	50	2

Hose
AFittings
BEquipment
CAccessories
DTechnical
E

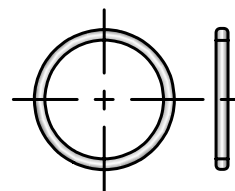
Hose
A

S195

SteckO Back Up Washer

# Part Number	Nominal Bore		
	inch	dash	din
S195-4	1/4	4	6
S195-6	3/8	6	10
S195-8	1/2	8	12
S195-12	3/4	12	20
S195-16	1	16	25
S195-20	1-1/4	20	32
S195-24	1-1/2	24	40
S195-32	2	32	50

Material: Polyamide.

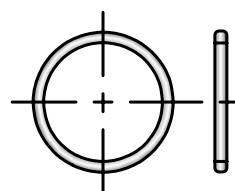
Fittings
B

SS195

Super SteckO Back Up Washer

Part Number	Port Size			ID (mm)	Section (mm)
	inch	dash	din		
SS195-8	1/2	8	12	12	0.8
SS195-12	3/4	12	20	18	0.8
SS195-16	1	16	25	31	0.8
SS195-20	1-1/4	20	32	34	0.8
SS195-24	1-1/2	24	40	39	1.5
SS195-32	2	32	50	45	1.5

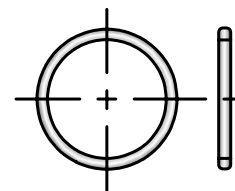
* Interchangeable with Standard SteckO® Back Up Washer.

Equipment
C

SL195

Slimlok Back-Up Washer

# Part Number	Hose End	
	din	inch
SL195-24	40	2-1/2

Accessories
D

SSL195

Super Slimlok Back-Up Washer

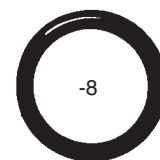
# Part Number	Hose End	
	din	inch
SSL195-24	40	1-1/2
SSL195-32	50	2

Technical
E

J0RG**O-Rings - Seal-Lok®**

Part Number	Tube Dash Size	Tube O.D. Inch	SAE Thread Inch	I.D.		O.D.	
				Inch	mm	Inch	mm
J0RG-4	-4	1/4	9/16x18	0.301	7,65	0.070	1,78
J0RG-6	-6	3/8	11/16x16	0.364	9,25	0.070	1,78
J0RG-8	-8	1/2	13/16x16	0.489	12,42	0.070	1,78
J0RG-10	-10	5/8	1x14	0.614	15,59	0.070	1,78
J0RG-12	-12	3/4	1-3/16x12	0.739	18,77	0.070	1,78
J0RG-16	-16	1	1-7/16x12	0.926	23,52	0.070	1,78
J0RG-20	-20	1-1/4	1-11/16x12	1.176	29,87	0.070	1,78
J0RG-24	-24	1-1/2	2x12	1.489	37,82	0.070	1,78

Note: O-Rings for use in Seal-Lok® connections are illustrated in actual size. Part numbers for O-Rings used in Seal-Lok® and in SAE port connections are also listed in the table. O-Rings are supplied in Nitrile NBR compound, 90 durometer hardness.



SAE 711509-4



Seal-Lok J0RG-8

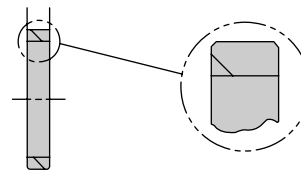
Photo shows an actual comparison between an SAE port O-Ring (top) and a Seal-Lok® O-Ring (bottom). They differ in both diameter and cross section.

XARG**Flange "D" Rings Caterpillar® Style Flanges**

Part Number	Flange Size	Dash Size	I.D.		O.D.	
			Inch	mm	Inch	mm
XARG-12	3/4	-12	0.20	5,0	1.00	25,4
XARG-16	1	-16	0.20	5,0	1.25	31,8
XARG-20	1-1/4	-20	0.20	5,0	1.50	38,1
XARG-24	1-1/2	-24	0.20	5,0	1.75	44,5
XARG-32	2	-32	0.20	5,0	2.52	63,9

8ARG**Flange "D" Rings for 76 Series Style Flange**

Part Number	Flange Size	Dash Size	Seal Thickness		Seal I.D.	
			Inch	mm	Inch	mm
8ARG-12	3/4	-12	0.20	5,0	1.00	25,4
8ARG-16	1	-16	0.20	5,0	1.25	31,9

Hose
AFittings
BEquipment
CAccessories
DTechnical
E

59RG**O-Rings for Tube O-Ring Fittings
and Compressor Fittings**

Part Number	Tube O.D. Inch	Tube Dash Size	Parker Seal Number
59RG-6	3/8	-6	2-011
59RG-8	1/2	-8	2-013
59RG-10	5/8	-10	2-015
59RG-12	3/4	-12	2-017

Note: The above O-Rings (RG) have HNBR compound number N1195-70 (green).

T1RG**O-Rings for Compression
Fittings (1T126)**

Part Number	Tube O.D. Inch	Tube Dash Size	Parker Seal Number
T1RG-6	3/8	-6	2-012
T1RG-8	1/2	-8	2-014
T1RG-10	5/8	-10	2-016
T1RG-12	3/4	-12	2-018

**Charge Ports Caps
R134a**

Part Number	Fitting Size	Fitting Shape	Port Type	
			Flow	Side
940199	-6 & -8	Straight	High	High
940200	-10 & -12	Straight	High	Low
940188	-6 & -8	Elbows	Standard	High
940189	-10 & -12	Elbows	Standard	Low

R12

Part Number	Thread
940249	7/16x20

CORG**Captive O-Ring Assembly Tools**

Parker's new CORG Assembly Tools are designed to facilitate the installation of the O-Ring into the half-dovetail groove of the O-Ring face seal fitting.

Fitting Size	Hand Type Part Number	Bench Type Part Number
-4	CORG-4	CORG-AT04 Bench
-6	CORG-6	CORG-AT06 Bench
-8	CORG-8	CORG-AT08 Bench
-10	CORG-10	CORG-AT10 Bench
-12	CORG-12	CORG-AT12 Bench
-16	CORG-16	CORG-AT16 Bench
-20	CORG-20	CORG-AT20 Bench
-24	CORG-24	CORG-AT24 Bench
-32	CORG-32	

**Bench Type****Hand Type**

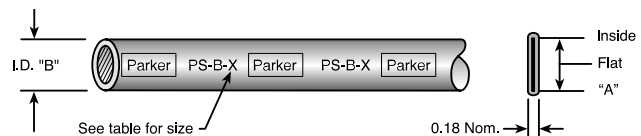
Note: CORG Assembly Tools must be ordered from the Tube Fittings Division (614) 279-7070.

Note: O-Rings listed are for use with petroleum base fluids. Other compounds are available for Phosphate Ester fluids by special order. For Viton® or other O-Ring compounds, consult Parker Hannifin, Seal/O-Rings Products Division (1-800-C-PARKER.)

Accessory Selection Guide – Partek Sleeve (AS-B, AS-Y or PS)

Parker's Partek Nylon Protective Sleeve gives you tough hose abrasion protection two ways. First, per the ISO 6945 specification, Partek has a unique tubular weave nylon construction, Partek "AS" is strong enough to withstand greater than 200,000 abrasion cycles without wearing through the fabric at any location. Partek "PS" can withstand greater than 50,000 abrasion cycles. In addition, this weave also gives an exceptionally smooth interior wall, allowing rubber hose to move freely inside the sleeve. This provides easy installation and prevents any internal abrasion problems. Partek sleeving is available in either black or yellow and in sizes to fit most hydraulic hose. Partek, the quick and easy solution to hose protection in high-abrasion areas.

Temperature Range: -67°F to +248°F (-53°C to +120°C)



Note: The inside flat "A" dimension corresponds with the inside diameter "B" dimension. For example, AS-Y-13 flat surface "A" is 1.34 in. This offers a .86 in. inside diameter "B". Hose with a smaller O.D. can be specified for this size sleeve. Parker 201-5 hose has a .58 in. O.D. and can easily be inserted in the Partek AS-Y-13 Sleeve.



Partek Sleeve



Partek "PS" Sleeve

Partek Sleeve (Black) Part Number	Partek Sleeve (Yellow) Part Number	Partek PS Sleeve (Black) Part Number	Inside Dia.		SS23CG 201 221FR 206, 225 244 266	SS25UL 213 285 293	302 301LT 304 341 421WC BXX	422, AX, 424 426, 431, 436 351TC/ST 451TC/ST 471TC/ST 472TC 482TC/ST	601	701 721, 721TC 772TC/ST 774 782TC/ST 792TC/ST	731 P35, 781 782TC/ST 791TC 792TC/ST	801 804 821 821FR 831, 836	811 881 881HT
			A inch	B inch									
AS-B-11	AS-Y-11		1.07	0.69	-4	-4		-3/-4				-4	
AS-B-13	AS-Y-13	PS-B-13	1.34	0.86	-5/-6	-5/-6	-4/-5	-5/-6	-4/-5			-5/-6	
AS-B-15	AS-Y-15	PS-B-15	1.66	1.06	-8	-8/-10	-6	-8	-6	-6		-8	
AS-B-17	AS-Y-17	PS-B-17	1.92	1.22	-10	-12	-8/-10	-10	-8	-8		-10	
AS-B-19	AS-Y-19		2.12	1.35	-12		-12	-12	-10	-10	-8	-12	
		PS-B-22	2.24	1.42	-12		-12	-12		-10		-12	
AS-B-22	AS-Y-22	PS-B-22	2.24	1.42	-16	-16			-12	-12	-10		-12
AS-B-27	AS-Y-27		2.55	1.63				-16			-12	-16	
		PS-B-33	2.85	1.81				-16			-12	-16	
AS-B-33	AS-Y-33	PS-B-33	2.85	1.81	-20	-20	-16		-16	-16	-16		-16
	AS-Y-35	PS-B-35	3.43	2.19	-24	-24		-20					-20
AS-B-37	AS-Y-37	PS-B-37	3.73	2.38			-20	-24		-20	-20		
		PS-B-39	4.12	2.63	-32	-32	-24			-24	-24		-24
		PS-B-45	4.12	2.88			-32	-32			-32		-32
		PS-B-47	4.90	3.13	-40	-40				-32			
AS-B-58			5.69	3.63	-48	-48							-48
AS-B-64			6.18	4.00									

- Note:**
- The dimensions shown are related to the hose outside diameter and may not fit over the fitting. For over the fitting applications, a larger size sleeve may be required.
 - Cut lengths are available. Contact your local distributor for prices (www.parkerhose.com).

Accessory Selection Guide – PolyGuard (HG)

- Shield hose from abrasion and cuts
- Minimize kinking
- Cannot rust or corrode

- Resist water, oil, gasoline, hydraulic fluid, and most solvents
- Ideal for bundling plastic tubing or hose lines
- Easy to install without removing hose lines; no clamps needed

Heavy-duty polyethylene provides protection in rugged operating conditions. Great for bundling high-pressure hose lines.

Cut edges can be smoothed by applying heat.

CAUTION: This material will support combustion.

Color: Black

Temperature Range: 0°F to +200°F (-17°C to +93°C)



PolyGuard

Part Number	Inside Dia. inch	Box Qty. foot	201, 206 213, 221FR 225, 244 266, 285, 293	302 301LT 304 341 BXX	422, 421WC 424, 426 431, 436, AX 351TC/ST 451TC/ST 471TC/ST 472TC	601	701 721, 721TC 772TC/ST 774	P35, 781 782TC/ST 791TC 792TC/ST	731	801 804 821 821FR 831, 836	811 881 811HT
HG-075	0.75	100	-8/-10	-6/-8	-8/-10	-6/-8	-4/-6			-8/-10	
HG-100	1.00	100	-12	-10/-12	-12	-10	-8/-10			-12	-12
HG-125	1.25	100	-16		-16	-12	-12	-12	-12	-16	
HG-150	1.50	100	-20/-24	-16/-20	-20	-16/-20	-16	-16	-16/-20		-16/-20
HG-200	2.00	100	-32/-40	-24/-32	-24/-32		-20/-24	-20/-24	-24/-32		-24/-32
HG-200	2.00	100					-32	-32			-40
HG-350	3.50	30	-48								-48

Accessory Selection Guide – ParKoil™ (PG)

Lower-cost protection for applications that call for a tighter bend radius and are less demanding.

Cut edges can be smoothed by applying heat.

CAUTION: This material will support combustion.

Color: Black

Temperature Range: 0°F to +200°F (-17°C to +93°C)



ParKoil™

Part Number	Inside Dia. inch	Box Qty. foot	201, 221FR 206, 225 244 266	213 285 293	302 301LT 304 341 421WC BXX	422, 424, 426 431, 436, AX 351TC/ST 451TC/ST 471TC/ST 472TC 482TC/ST	601	701 721 721TC 772TC/ST 774	731 P35, 781 782TC/ST 791TC 792TC/ST	801 804 821 821FR 831, 836	811 881 811HT
PG-038	0.38	50		-4		-3					
PG-050	0.50	50	-4/-5	-5	-3/-4	-4/-5	-4			-4	
PG-062	0.62	50	-6	-6/-8	-5	-6				-6	
PG-075	0.75	50	-8	-10	-6	-8	-6	-6		-8	
PG-088	0.88	50	-10	-12	-8	-10	-8	-8		-10	
PG-100	1.00	50	-12		-10/-12	-12	-10	-10	-10	-12	
PG-119	1.19	25	-16	-16			-12	-12	-12		-12
PG-138	1.38	25	-20/-24	-20/-24	-16	-16/-20	-16	-16/-20	-16		-16/-20
PG-188	1.88	25	-32/-40	-32/-40	-20/-24	-24	-24	-24	-20/-24		-24
PG-188	1.88	25	-48	-48	-32	-32	-32	-32	-32		-32

Accessory Selection Guide – Spring Guard and Armor Guard

Parker Spring Guard and Armor Guard are two products that prolong the life of hose lines that are exposed to rugged operating conditions. They distribute bending radii to avoid kinking in hose lines and protect hose from abrasion and deep cuts. Guards are constructed of steel wire and plated to resist rust.



Spring Guard (SG)



Armor Guard (AG)

Spring Guard Part Number	Armor Guard Part Number	Inside Dia. inch	201 221FR 206, 225, 244, 266	213 285 293	302 301LT 304 341 421WC BXX	351TC/ST 422 424,431,436 451TC/ST 471TC/ST 482TC/ST 472TC, AX	601	701 721 721TC 772TC/ST 774	731 P35 781 782TC/ST 791TC 792TC/ST	801 804 821 821FR 831, 836	811 881 811HT
SG-050	AG-050	0.50		-4		-3					
SG-060	AG-060	0.60	-4	-5	-3	-4	-3/-4			-4/-5	
SG-066	AG-066	0.66	-5	-6	-4	-5					
SG-072	AG-072	0.72	-6		-5	-6	-5			-6	
SG-084	AG-084	0.84	-8	-8	-6	-8	-6	-4/-6	-4	-8	
SG-097	AG-097	0.97	-10	-10	-8	-10	-8	-8	-6	-10	
SG-106	AG-106	1.06		-12	-10				-8		
SG-113	AG-113	1.13	-12			-12	-10	-10		-12	
SG-122	AG-122	1.22			-12				-10		
SG-131	AG-131	1.31	-16	-16			-12	-12	-12	-16	-12
SG-155	AG-155	1.55	-20	-20	-16	-16	-16	-16			-16
SG-161									-16		
SG-166		1.66							-16		
SG-182	AG-182	1.82	-24	-24		-20	-20				-20
SG-209	AG-209	2.09			-20	-24		-20	-20		
SG-232	AG-232	2.32	-32		-24				-24		
SG-292											-40

Note: Spring Guard and Armor Guard are packaged in 10 ft. pieces.

Hose
AFittings
BEquipment
CAccessories
DTechnical
E

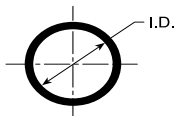
Accessory Selection Guide – Firesleeve (FS-F)

Parker Firesleeve is a flame resistant sheath that protects the hose from extreme temperature conditions. Firesleeve easily slides over hoses and readily expands over fitting. It can be assembled with Parker FSC or properly sized wormgear clamp.

Construction: Braided fiberglass sleeve and an orange, bonded and seamless silicone rubber cover.

Specifications: Conforms to SAE Aerospace Standard 1072A Type 2A.

Temperature Range: -54°C to +260°C (-65°F to +500°F).



Note: The Firesleeve inside dimension (I.D.) must exceed the outside diameter (O.D.) of the hose and offer an allowance for easy hose insertion. For example, 201-16 has a 1.23 in. O.D. FS-S-24, with an I.D. of 1.46 in., is the suggested Firesleeve.

Note: Parker FSC Clamp fits all hoses up to 2 in. O.D.

Note: Parker HC Clamps (wormgear) are listed on page D-37.



Firesleeve (FS-F)



FSC Clamp

Part Number: FSC
(One size fits all hoses up to 2 inch O.D.)

Part Number	Inside Dia. inch	201, 221FR 206, 225 244 266	213 285 293	302 301LT 304, 341 BXX	422, 424, 426 431, 436, AX 351TC/ST, 472TC 451TC/ST 471TC/ST 482TC/ST	421WC	601	701 721 721TC 772TC/ST 774	731 P35, 781 782TC/ST 791TC 792TC/ST	801 804 821 821FR 831 836	811 881 811HT
FS-F-10	0.58	-4	-4	-3	-3/-4	-4	-3			-4	
FS-F-11	0.65	-5	-5	-4	-5		-4				
FS-F-12	0.71		-6	-5						-6	
FS-F-14	0.84	-6/-8	-8	-6	-6	-6	-5/-6			-8	-6
FS-F-16	0.96		-10		-8	-8		-6			
FS-F-18	1.08	-10	-12	-8/-10	-10		-8	-8		-10	-8
FS-F-20	1.21	-12		-12	-12	-12	-10	-10	-8	-12	-10
FS-F-24	1.46				-16						
FS-F-30	1.84	-24	-24								
FS-F-38	2.34	-32	-32	-20/-24	-24			-20/-24	-20		-24
FS-F-40	2.46								-24		

Note: See Page D-35 for Firesleeve assembly instructions.

Accessory Selection Guide – Firesleeve (cont.)

**FSC Clamp**

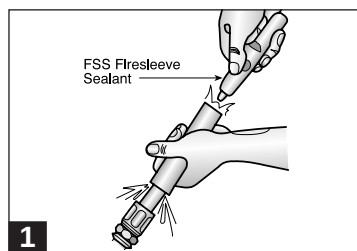
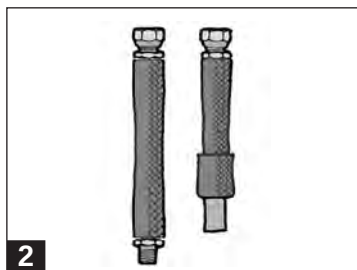
Used to attach firesleeve around socket on hose sizes with a 2" maximum O.D.

**FST Clamp Tool**

Part Number: FST-711617 Used to secure FSC clamp.

**FSS Firesleeve Sealant**

Keeps end of firesleeve from fraying - for neater, longer lasting installation.

**1****2****3****4**

Firesleeve Assembly Instructions

1. Assemble one end fitting on hose. Cut firesleeve to same length as hose. Cover approximately 1" of each end of firesleeve with FSS sealant and allow to dry.
2. Push firesleeve back from cut end of hose and assemble the second end fitting. Then pull firesleeve completely over both sockets.
3. Insert tail of FSC clamp into FST clamping tool.
4. Position clamp around middle of socket and tighten with tool. Bend end of band back over buckle. Repeat on other end. Repair any scuffs or abrasions in firesleeve with FSS sealant.

Hose
AFittings
BEquipment
CAccessories
DTechnical
E

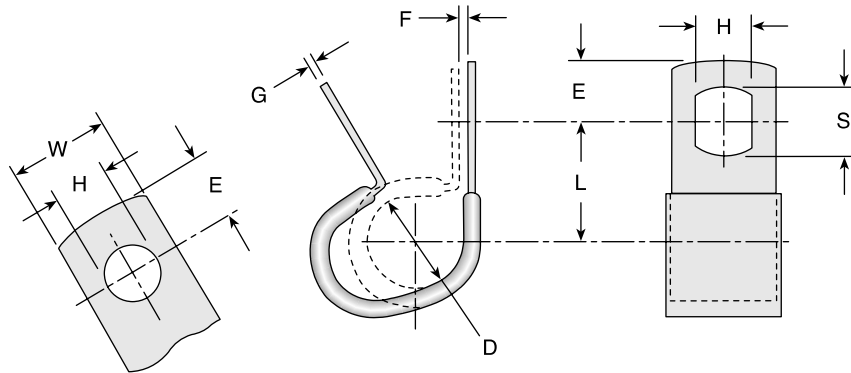
Accessory Selection Guide – CL Clamp

Vinyl coated steel clamps provide hose support where long lengths are used. Provides neater installation of hose lines, minimizes hose chafing and prevents damage to hose.

Material: CR Steel with Zinc Plating

Coating: Black Vinyl Plastisol - 0,8 mm (0.03 inch) thick.

Temperature Range: -40°C to +107°C (-40°F to +225°F).



Part Number	D		H		L		W		E		F		G		S	
	±0,8 (mm)	±0.031 (inch)	±0,1 (mm)	±0.005 (inch)	±0,8 (mm)	±0.031 (inch)	±0,25 (mm)	±0.01 (inch)	±0,4 (mm)	±0.015 (inch)	±0,8 (mm)	±0.031 (inch)	±0,1 (mm)	±0.004 (inch)	±0,5 (mm)	±0.020 (inch)
CL-6	7,90	0.312	10,30	0.406	17,45	0.687	19,05	0.750	11,10	0.437	0,80	0.031	0,80	0.032	12,70	0.500
CL-7	9,50	0.375	10,30	0.406	18,25	0.718	19,05	0.750	11,10	0.437	1,55	0.062	0,80	0.032	12,70	0.500
CL-8+	11,10	0.437	10,30	0.406	19,05	0.750	19,05	0.750	11,10	0.437	1,55	0.062	1,20	0.048	12,70	0.500
CL-9	12,70	0.500	10,30	0.406	19,85	0.781	19,05	0.750	11,10	0.437	1,55	0.062	1,20	0.048	12,70	0.500
CL-10+	14,25	0.562	10,30	0.406	20,60	0.812	19,05	0.750	11,10	0.437	1,55	0.062	1,20	0.048	12,70	0.500
CL-11	15,90	0.625	10,30	0.406	21,40	0.843	19,05	0.750	11,10	0.437	1,55	0.062	1,20	0.048	12,70	0.500
CL-12	17,45	0.687	10,30	0.406	22,20	0.875	19,05	0.750	11,10	0.437	1,55	0.062	1,20	0.048	12,70	0.500
CL-13	19,05	0.750	10,30	0.406	23,00	0.906	19,05	0.750	11,10	0.437	1,55	0.062	1,20	0.048	12,70	0.500
CL-14	20,60	0.812	10,30	0.406	23,80	0.937	19,05	0.750	11,10	0.437	1,55	0.062	1,20	0.048	12,70	0.500
CL-15+	22,20	0.875	10,30	0.406	24,60	0.968	19,05	0.750	11,10	0.437	1,55	0.062	1,20	0.048	12,70	0.500
CL-16	23,80	0.937	10,30	0.406	25,40	1.000	19,05	0.750	11,10	0.437	1,55	0.062	1,20	0.048	12,70	0.500
CL-17	25,40	1.000	10,30	0.406	26,20	1.031	19,05	0.750	11,10	0.437	1,55	0.062	1,20	0.048	12,70	0.500
CL-18+	26,95	1.062	10,30	0.406	26,95	1.062	19,05	0.750	11,10	0.437	1,55	0.062	1,20	0.048	12,70	0.500
CL-19	28,60	1.125	10,30	0.406	27,75	1.093	19,05	0.750	11,10	0.437	1,55	0.062	1,20	0.048	12,70	0.500
CL-20+	30,20	1.188	13,50	0.531	31,75	1.250	25,40	1.000	14,25	0.562	1,55	0.062	1,20	0.048	15,90	0.625
CL-21	31,75	1.250	13,50	0.531	32,55	1.281	25,40	1.000	14,25	0.562	1,55	0.062	1,20	0.048	15,90	0.625
CL-22+	33,30	1.312	13,50	0.531	33,30	1.312	25,40	1.000	14,25	0.562	1,55	0.062	1,20	0.048	15,90	0.625
CL-23	34,90	1.375	13,50	0.531	34,10	1.343	25,40	1.000	14,25	0.562	1,55	0.062	1,20	0.048	15,90	0.625
CL-24+	36,50	1.437	13,50	0.531	34,90	1.375	25,40	1.000	14,25	0.562	1,55	0.062	1,20	0.048	15,90	0.625
CL-25	38,10	1.500	13,50	0.531	35,70	1.406	25,40	1.000	14,25	0.562	1,55	0.062	1,20	0.048	15,90	0.625
CL-26+	39,65	1.562	13,50	0.531	36,50	1.437	25,40	1.000	14,25	0.562	1,55	0.062	1,20	0.048	15,90	0.625
CL-27+	41,25	1.625	13,50	0.531	37,30	1.468	25,40	1.000	14,25	0.562	1,55	0.062	1,20	0.048	15,90	0.625
CL-29	44,45	1.750	13,50	0.531	38,90	1.531	25,40	1.000	14,25	0.562	1,55	0.062	1,20	0.048	15,90	0.625
CL-31+	47,65	1.875	13,50	0.531	40,45	1.593	25,40	1.000	14,25	0.562	1,55	0.062	1,20	0.048	15,90	0.625
CL-33	50,80	2.000	13,50	0.531	42,85	1.687	25,40	1.000	14,25	0.562	1,55	0.062	1,20	0.048	15,90	0.625
CL-36+	55,55	2.187	13,50	0.531	46,00	1.812	25,40	1.000	14,25	0.562	1,55	0.062	1,20	0.048	15,90	0.625
CL-37	57,15	2.250	13,50	0.531	46,00	1.812	25,40	1.000	14,25	0.562	1,55	0.062	1,20	0.048	15,90	0.625
CL-38+	58,70	2.312	13,50	0.531	49,20	1.937	25,40	1.000	14,25	0.562	1,55	0.062	1,20	0.048	15,90	0.625
CL-41+	63,50	2.500	13,50	0.531	50,80	2.000	25,40	1.000	14,25	0.562	1,55	0.062	1,20	0.048	15,90	0.625
CL-43	66,65	2.625	13,50	0.531	58,70	2.312	25,40	1.000	14,25	0.562	1,55	0.062	1,20	0.048	15,90	0.625

Accessory Selection Guide – HC, 88HC-H and 88DB Clamp

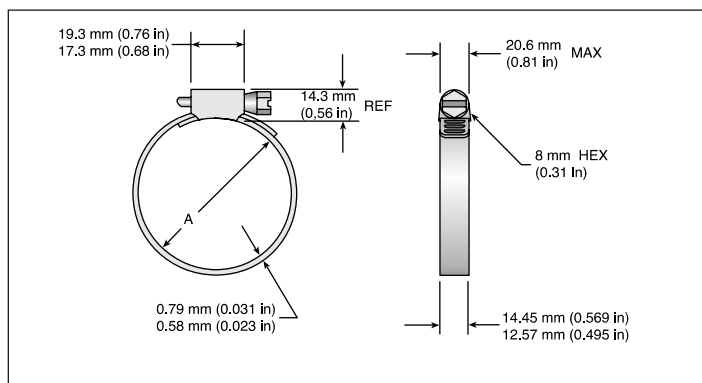
The Parker HC Clamp is a stainless steel worm gear clamp designed for low pressure industrial hose applications.

Material: Stainless steel

Specifications: SAE J1508, Type F and Type HD

HC Hose Clamp Table

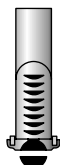
Part Number	Size (SAE)	"A" Clamp Diameter			
		Minimum		Maximum	
		mm	inch	mm	inch
HC-6	-8	12	0.48	25	1.00
HC-8	-10	13	0.50	28	1.12
HC-10	-12	13	0.50	32	1.25
88HC-12	-16	19	0.75	38	1.50
88HC-16	-20	19	0.75	44	1.75
88HC-20	-24	25	1.00	51	2.00
88HC-24	-28	33	1.31	57	2.25



88HC-H

Series Hose Clamp
(High Torque Wormgear)

#	Hose I.D.
Part Number	inch
88HC-16H	3/4
88HC-16H	1
88HC-20H	1-1/4
88HC-32H	1-1/2
88HC-32H	2
88HC-40H	2-1/2
88HC-48H	3

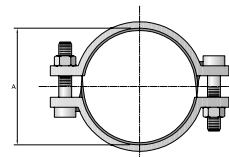


Note: See 88 Series Assembly Instructions for proper 88HC-H clamp attachment.

88DB

Series Heavy Duty Hose Clamp
(Double Bolt Hose Clamp)

#	Hose I.D.
Part Number	inch
88DB-12	3/4
88DB-16	1
88DB-20	1-1/4
88DB-24	1-1/2
88DB-32	2



Accessory Selection Guide – Protection Shields (HP, HT, and HP-B)

Prevent hose abrasion while extending your hose life. Parker Hose Protection Shields extend hose life by protecting the hose from abrasion that occurs when hose rubs against other hose, metal or concrete. Parker hose shields are resistant to oil, lubricants, gasoline, most solvents and can withstand ambient temperatures from -40° to +300° F. Easily installed and secured by cable ties without disconnecting any hose lines. Use with hose from 1/4" to 2" I.D.

- ◆ Eliminate hose abrasion on concrete, metal or any rough surface.
- ◆ Guard against hose deterioration on mobile hydraulic equipment.
- ◆ Let Parker fill all your hydraulic and pneumatic hose product needs.

Hose Protector Shields are a fast and extremely cost effective way to isolate fluid lines from direct contact with other lines, components or structural members. They're available in 4-inch, 6-inch and 8-inch lengths and the width can be trimmed to satisfy a variety of situations.

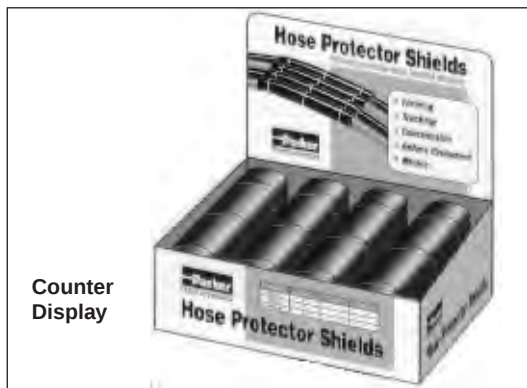
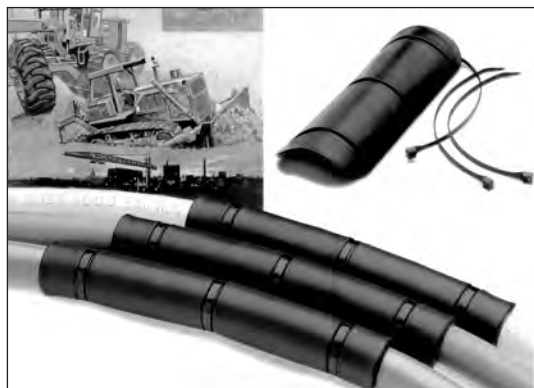
These flexible protectors simply clamp around the hose and are securely held in place by nylon cable ties which are included. The cable ties are recessed in molded grooves to protect them from abrasion. **You don't need to disconnect a line to install a Parker Hose Protector Shield the way you do with a continuous tubular sleeve. Just wait until the installation is up and running to see exactly where contact needs to be prevented.**

Parker Hose Protector Shields are available in bulk quantities and in convenient assortments in 4", 6" and 8" sizes. Cable ties are included with all protectors and are also available in bulk.

Hose Shields		Tie Wraps	
HP-B-13X18-KIT	2 ea. HP-13 RFL	HT-12-KIT	30 ea. HT-12 Tie Wraps
	2 ea. HP-15 RFL	HT-16-KIT	30 ea. HT-16 Tie Wraps
	4 ea. HP-18 RFL	HT-22-KIT	15 ea. HT-22 Tie Wraps

20 Hose Protectors and 60 Tie Wraps for each size are in point of purchase display box.

HP-B-13-RFL	10 ea. HP-B-13 Hose Protectors (4"). 30 ea. HT-12 Tie Wraps in a sealed plastic bag.
HP-B-15-RFL	10 ea. HP-B-15 Hose Protectors (6"). 30 ea. HT-16 Tie Wraps in a sealed plastic bag.
HP-B-18-RFL	5 ea. HP-B-18 Hose Protectors (8"). 15 ea. HT-22 Tie Wraps in a sealed plastic bag.



Contact your authorized Parker Hose Products Distributor for pricing and delivery information.

Note: Parker Hose Protector Shield products are intended to prevent damage. They are not suitable as patches or repairs for lines which are already damaged or worn beyond safe use standards.

HPD Hose Assembly Workstations



Hose Products Division has set up an agreement to allow Hose Products customers to purchase directly from our vendor, Safety Step.

Safety Step's contact information is:

Safety Step
Annette Cox
888-448-4237
parker@safetystep.net



The complete on-site complete hose assembly workstation design (above) includes:

- TH7-5-C—6' table with 1 hose reel and 1 bottom shelf
- TH7-6—16 hose reel system, with rotating base
- TH7-7—15" wide table set up for Parker 239 or 339 Cut-Off Saw

Specifications: HoseFab Table (heavy duty)

- Laminated wood table top
- 1-1/2" square tubing structure
- Gussetted corner braces
- 6-leg design
- All legs have adjustable feet
- Hose reel/shelf combinations
- 40B-Cabinet or 72B-Cabinet for fitting storage
- Optional: Hose trough for measurement of hose
 - Calibrated to line up to Saw Table
 - Adjustable stop for standard length cuts
 - Built-in tape measure

- (2) 40B-Cabinet 40 openings - 4-1/2" x 4-1/2" x 12" in size
- TH7-6-C—Optional overhead crane
- TH7-5-HT—Optional 6' measured hose trough with adjustable hose stop

Specifications: Rotary Reel Rack (TH7-6)

- 16 Hose reel capacity
- Compact design
- Rotates for 1 man use
- Center post bolts to floor in 4 places
- Optional: Overhead crane

Specifications: Saw Table (TH7-7)

- Calibrated to line up to Hose trough
- Adjustable feet
- Mounts to 6-foot bench

Specifications: 3 or 4 Reel Rack

- Free standing 3 reel rack (TH7-8)
- Bolts to floor
- Optional: 4th reel capacity with wall mounts (TH7-8-F)



Pictured left is a complete on-site hose assembly workstation, the Parker Kart:

The **Parker Kart, TH7-4**, is a portable all-in-one unit designed to hold a Minikrimp, Karrykrimp, Karrykrimp 2, or Parkrimp 1; a 332T-115V Cut-off Saw; 4 reels of hose; and has a 40 bin cabinet with 3 drawers for tools. The TH7-4 can be customized to fit your specific hose assembly needs. Contact Parker HPD or your Parker Hose distributor for details.

Note: Part number TH7-4 does not include hose, fittings or equipment.

See Safety Step contact information at the top of this page

Note: Part number and specifications of components for both workstations are listed on the following pages.

HoseFab Table

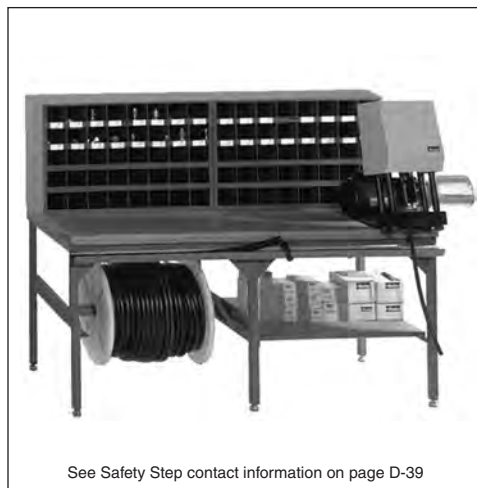
Features

Heavy duty constructed table for mounting Minikrimp, Karrykrimp, Karrykrimp 2, or Parkrimp 1. HoseFab Table is available in 3 versions to meet your requirements. Options include two 40B-Cabinets or 72B-Cabinets for fitting storage.

Part Number	Description
TH7-5-R	6' table with 2 hose reels
TH7-5-S	6' table with 2 bottom shelves
TH7-5-C	6' table with 1 hose reel and 1 bottom shelf
TH7-5-HT	Optional 6' measured hose trough with adjustable hose stop
40B-Cabinet	40 openings - 4-1/2" x 4-1/2" x 12" in size
72B-Cabinet	72 openings - 4-1/2" x 4-1/2" x 12" in size

Table measurements:

Height - 31-3/4"
Width - 29"
Length - 72"



See Safety Step contact information on page D-39

Rotary Reel Rack

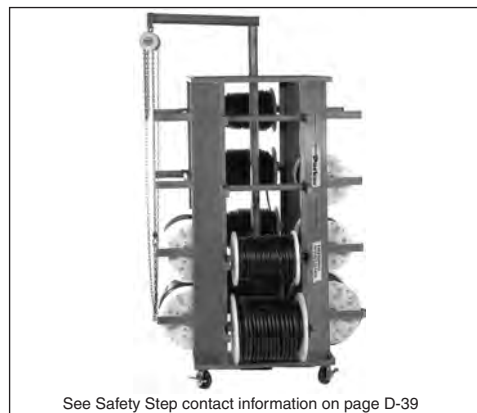
Features

16 Hose reel capacity that fits in a compact area. Supplied with heavy duty casters which allow for ease of turning, even when fully loaded. Optional overhead crane available.

Part Number	Description
TH7-6	16 hose reel system, with rotating base
TH7-6-C	Optional overhead crane

Rack measurements:

Height - 104" (120" with optional overhead crane)
Width - 67"
Length - 67"



See Safety Step contact information on page D-39

Saw Table

Features

The Saw Table, specially designed for Parker 239 or 339 Hose Cut-Off Saw, attaches directly to the HoseFab Table.

Part Number	Description
TH7-7	15" wide table set up for Parker 239 or 339 Cut-Off Saw

Table measurements:

Height - 18"
Width - 28"
Length - 14"



See Safety Step contact information on page D-39

3/4 Reel Rack

Features

Compact in its design, the standard version will hold 3 reels of hose. Optional 4th reel capacity designed with wall anchor mounts.

Part Number	Description
TH7-8	Upright 3 hose reel rack
TH7-8-F	Optional extension with wall anchor for 4th reel

Rack measurements:

Height - 59" (82-1/2" with 4th reel option)
Width - 27-3/4"
Length - 27-1/2"



See Safety Step contact information on page D-39



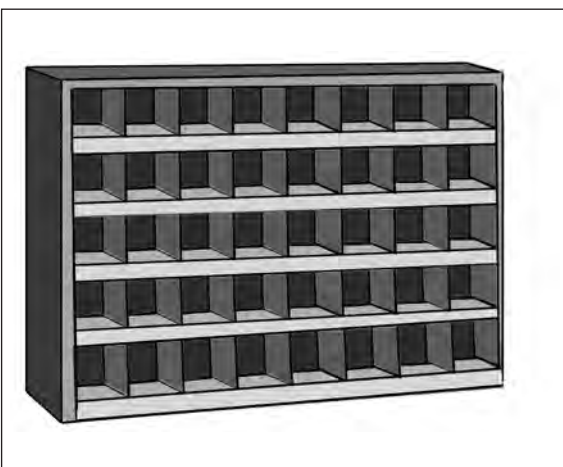
See Safety Step contact information on page D-39

Parker Kart Part No. TH7-4

Parker Kart organizes and stores all your necessary Parker hoses, fittings, power and hand tools - everything you need to make fast hose assemblies on site. As a valued addition to any facility, Parker Kart will save on downtime and labor costs, as well as eliminate errors in cutting and fitting attachment. With Parker Kart, you'll always have the materials you need, right when and where you need them.

- Easy one-man movement
- Eight-inch urethane casters with brakes
- Forklift carry tubes
- Electric receptacle with cord
- Fitting bins and drawers
- Large tool drawer
- Four hose reel holders
- Choice of Parker crimping equipment
- Optional accessories available

Parker Kart can be customized to fit specific hose assembly needs. Parker Kart does not include hose, fittings or equipment.



Fitting Stock Bins 72B-Cabinet

36" wide, 43" high, 12" deep, with 72 openings each 4-1/2" x 4-1/2" x 12", heavy duty steel, all welded construction. Product bin labels are available.



Hose Stock Bins HR6-Hose-Bin

Rugged metal cabinet for stocking coils of Parker hose 36" wide, 28" high, 20" deep, with upright separators to provide 6 compartments varying in width from 4" to 8".

Provides suitable base on which to place the fittings stock bin (top measures 36" x 20", bottom of fittings bin measures 36" x 12".)

Yellow with black "Parker Hose" lettering.

Hose
AFittings
BEquipment
CAccessories
DTechnical
E

Hose A
Fittings B
Equipment C
Accessories D
Technical E