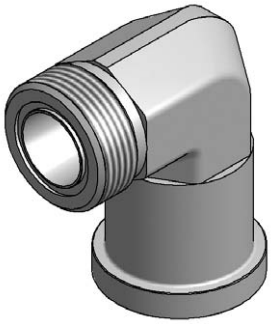
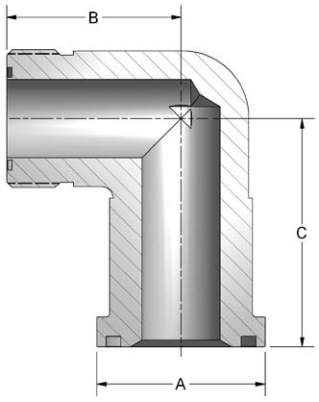
Male Thread ORFS 90° Elbow





Ordering Information

FF	Flange Size	Material	Product Type	Angle	Rating Code	Thread Size	Thread Type

Flange Size

Rating code 2 only	
08	0.50”
Rating code 1 or 2	
12	0.75”
16	1.00”
20	1.25”
24	1.50”
32	2.00”

Material

C	Carbon Steel

Product Type

M	Male Thread

Angle

9	90° Elbow

Rating Code

1	Code 61 • SAE J518 3.5 - 35 MPa • ISO 6162-1
2	Code 62 • SAE J518 40 MPa • ISO 6162-2

Thread Size

Not all thread sizes are available for each flange size. See chart next page.	
12	1.188-12
16	1.438-12
20	1.688-12
24	2.000-12

Thread Type

R	ORFS ISO 8434-3

Daman Products Company, Inc. • 1811 North Home Street • Mishawaka, IN 46545-7267
Tel: 800.959.7841 574.259.7841 • Fax: 800.241.7664 • Email: sales@daman.com • www.daman.com

Male Thread ORFS 90° Elbow

CODE 61 MALE THREAD ORFS 90° ELBOW					
FLANGE SIZE	TUBE O.D.	A	B	C	THREAD
0.75	0.75	1.500	1.66	2.13	1.188-12
0.75	1.00	1.500	1.66	2.13	1.438-12
1.00	0.75	1.750	1.81	2.37	1.188-12
1.00	1.00	1.750	1.81	2.37	1.438-12
1.00	1.25	1.750	1.81	2.37	1.688-12
1.25	1.00	2.000	2.06	2.62	1.438-12
1.25	1.25	2.000	2.06	2.62	1.688-12
1.25	1.50	2.000	2.06	2.62	2.000-12
1.50	1.25	2.375	2.33	3.15	1.688-12
1.50	1.50	2.375	2.33	3.15	2.000-12
2.00	1.50	2.812	3.06	4.25	2.000-12

O-ring not included.

CODE 62 90° ORFS THREAD					
FLANGE SIZE	TUBE O.D.	A	B	C	THREAD
0.50	0.75	1.250	1.66	2.13	1.188-12
0.75	0.75	1.625	1.66	2.13	1.188-12
0.75	1.00	1.625	1.66	2.13	1.438-12
1.00	0.75	1.875	1.81	2.37	1.188-12
1.00	1.00	1.875	1.81	2.37	1.438-12
1.00	1.25	1.875	1.81	2.37	1.688-12
1.25	1.00	2.125	2.06	2.76	1.438-12
1.25	1.25	2.125	2.06	2.76	1.688-12
1.25	1.50	2.125	2.06	2.76	2.000-12
1.50	1.25	2.500	2.33	3.15	1.688-12
1.50	1.50	2.500	2.33	3.15	2.000-12
2.00	1.50	3.125	3.06	4.25	2.000-12

O-ring not included.

Pressure Ratings and Fastener Torque Values

CODE 61 SAE J518-1 / ISO 6162-1					
		Max Working Pressure		Fastener Torque Value	
Dash Size	Inch Size	PSI	MPa	Grade 8 UNC (lb-ft)	Grade 10.9 Metric (N-m)
-8	0.50”	5000	35.0	24	32
-12	0.75”	5000	35.0	44	70
-16	1.00”	4600	32.0	44	70
-20	1.25”	4000	28.0	68	70
-24	1.50”	3000	21.0	111	130
-32	2.00”	3000	21.0	111	130
-40	2.50”	2500	17.5	111	130
-48	3.00”	2300	16.0	218	295
-56	3.50”	500	3.5	218	295
-64	4.00”	500	3.5	218	295
-80	5.00”	500	3.5	218	295

CODE 62 SAE J518-2 / ISO 6162-2					
		Max Working Pressure		Fastener Torque Value	
Dash Size	Inch Size	PSI	MPa	Grade 8 UNC (lb-ft)	Grade 10.9 Metric (N-m)
-8	0.50”	6000	40.0	24	32
-12	0.75”	6000	40.0	44	70
-16	1.00”	6000	40.0	68	130
-20	1.25”	6000	40.0	111	130
-24	1.50”	6000	40.0	218	295
-32	2.00”	6000	40.0	332	550

Please note that all pressure ratings in this catalog refer to the flange connection. Adapting the flange to other connections, such as braze tube, welded pipe, or threaded ports / stud ends could reduce maximum working pressure.