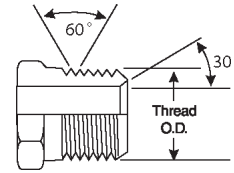
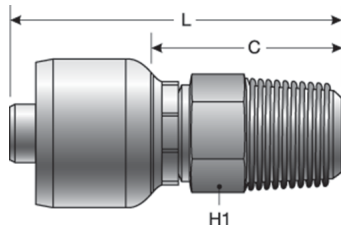
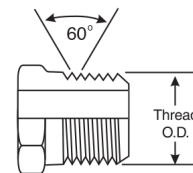
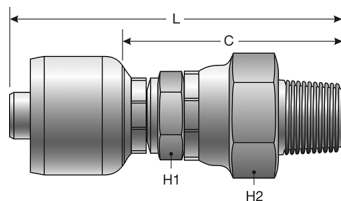


Male Pipe (NPTF - 30° Cone Seat)



Descr.	Prod. No.	⊖		🌀	H1	L		C	
		"	mm			"	mm	"	mm
4P-2MP XBULK	7129-0087	1/4	6.4	1/8-27	14	1.99	50.5	.96	24.5
4P-2MP	7129-00875	1/4	6.4	1/8-27	14	1.99	50.5	.96	24.5
4P-4MP XBULK	7129-0060	1/4	6.4	1/4-18	14	2.17	55.0	1.14	29.0
4P-6MP XBULK	7129-0091	1/4	6.4	3/8-18	19	2.24	57.0	1.22	31.0
4P-6MP	7129-00915	1/4	6.4	3/8-18	19	2.24	57.0	1.22	31.0
4P-8MP XBULK	7129-0079	1/4	6.4	1/2-14	22	2.44	62.0	1.42	36.0
4P-8MP	7129-00795	1/4	6.4	1/2-14	22	2.44	62.0	1.42	36.0
6P-4MP XBULK	7129-0035	3/8	9.5	1/4-18	17	2.24	57.0	1.22	31.0
6P-6MP XBULK	7129-0024	3/8	9.5	3/8-18	19	2.24	57.0	1.22	31.0
6P-8MP XBULK	7129-0059	3/8	9.5	1/2-14	22	2.40	61.0	1.38	35.0
6P-8MP	7129-00595	3/8	9.5	1/2-14	22	2.40	61.0	1.38	35.0
8P-6MP XBULK	7129-0071	1/2	12.7	3/8-18	22	2.44	62.0	1.30	33.0
8P-8MP XBULK	7129-0008	1/2	12.7	1/2-14	22	2.60	66.0	1.46	37.0
8P-12MP XBULK	7129-0073	1/2	12.7	3/4-14	27	2.76	70.0	1.61	41.0
8P-12MP	7129-00735	1/2	12.7	3/4-14	27	2.76	70.0	1.61	41.0
10P-8MP XBULK	7129-0099	5/8	15.9	1/2-14	22	2.78	70.5	1.52	38.5
10P-8MP	7129-00995	5/8	15.9	1/2-14	22	2.78	70.5	1.52	38.5
12P-12MP XBULK	7129-0067	3/4	19.1	3/4-14	36	3.39	86.0	1.87	47.5
12P-16MP XBULK	7129-0124	3/4	19.1	1-11 1/2	36	3.39	86.0	1.87	47.5
12P-16MP	7129-01245	3/4	19.1	1-11 1/2	36	3.39	86.0	1.87	47.5
16P-16MP XBULK	7129-0082	1	25.4	1-11 1/2	36	3.39	86.0	1.87	47.5

Male Pipe Swivel (NPTF - without 30° Cone Seat)

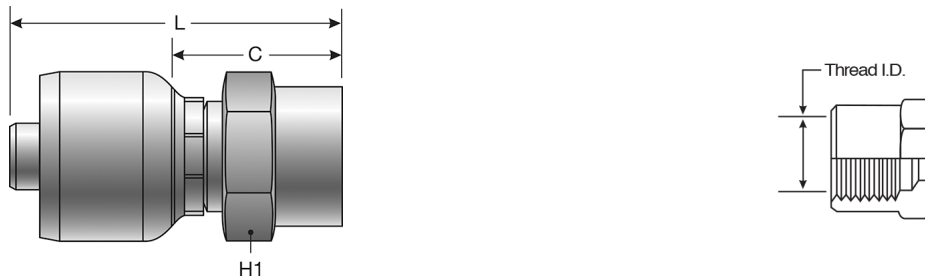


Descr.	Prod. No.	⊖		🌀	H1	H2	L		C	
		"	mm				"	mm	"	mm
4P-4MPX XBULK	7129-0106	1/4	6.4	1/4-18	14	19	2.80	71.0	1.77	45.0
4P-4MPX	7129-01065	1/4	6.4	1/4-18	14	19	2.80	71.0	1.77	45.0
4P-6MPX XBULK	7129-0176	1/4	6.4	3/8-18	17	24	2.95	75.0	1.93	49.0
4P-6MPX	7129-01765	1/4	6.4	3/8-18	17	24	2.95	75.0	1.93	49.0
6P-6MPX XBULK	7129-0031	3/8	9.5	3/8-18	17	24	2.93	74.5	1.91	48.5
6P-6MPX	7129-00315	3/8	9.5	3/8-18	17	24	2.93	74.5	1.91	48.5
6P-8MPX XBULK	7129-0080	3/8	9.5	1/2-14	22	27	3.19	81.0	2.17	55.0
6P-8MPX	7129-00805	3/8	9.5	1/2-14	22	27	3.19	81.0	2.17	55.0
8P-6MPX XBULK	7129-0113	1/2	12.7	3/8-18	19	24	3.11	79.0	1.97	50.0

Male Pipe Swivel (NPTF - without 30° Cone Seat) - Continued

Descr.	Prod. No.	⊖		🌀	H1	H2	L		C	
		"	mm				"	mm	"	mm
8P-6MPX	7129-01135	1/2	12.7	3/8-18	19	24	3.11	79.0	1.97	50.0
8P-8MPX XBULK	7129-0033	1/2	12.7	1/2-14	22	27	3.35	85.0	2.20	56.0
8P-8MPX	7129-00335	1/2	12.7	1/2-14	22	27	3.35	85.0	2.20	56.0

Female Pipe (NPTF - without 30° Cone Seat)



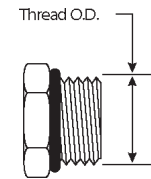
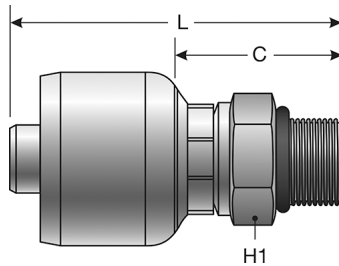
Descr.	Prod. No.	⊖		🌀	H1	L		C	
		"	mm			"	mm	"	mm
4P-4FP XBULK	7129-0104	1/4	6.4	1/4-18	19	2.01	51.0	.98	25.0
4P-4FP	7129-01045	1/4	6.4	1/4-18	19	2.01	51.0	.98	25.0
6P-6FP XBULK	7129-0021	3/8	9.5	3/8-18	22	2.05	52.0	1.02	26.0
6P-6FP	7129-00215	3/8	9.5	3/8-18	22	2.05	52.0	1.02	26.0
8P-8FP XBULK	7129-0062	1/2	12.7	1/2-14	27	2.36	60.0	1.22	31.0
8P-8FP	7129-00625	1/2	12.7	1/2-14	27	2.36	60.0	1.22	31.0
12P-12FP XBULK	7129-0213	3/4	19.1	3/4-14	32	2.83	72.0	1.32	33.5
12P-12FP	7129-02135	3/4	19.1	3/4-14	32	2.05	52.0	1.02	26.0

Female Pipe Swivel (NPSM - 30° Cone Seat)



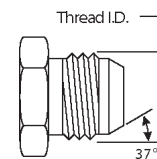
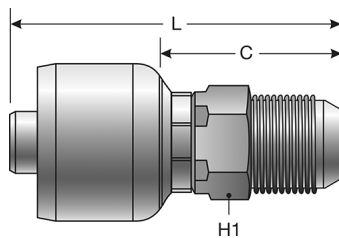
Descr.	Prod. No.	⊖		🌀	H1	H2	L		C	
		"	mm				"	mm	"	mm
4P-4FPX XBULK	7129-0258	1/4	6.4	1/4-18	14	19	2.22	56.5	1.20	30.5
4P-4FPX	7129-02585	1/4	6.4	1/4-18	14	19	2.22	56.5	1.20	30.5
16P-16FPX XBULK	7129-0222	1	25.4	1-11 1/2	36	41	3.30	83.8	1.78	45.3
16P-16FPX	7129-02225	1	25.4	1-11 1/2	36	41	3.30	83.8	1.78	45.3

Male O-Ring Boss



Descr.	Prod. No.	⌀		🌀	H1	L		C	
		"	mm			"	mm	"	mm
4P-4MB XBULK	7129-0096	1/4	6.4	7/16-20	14	1.93	49.0	.91	23.0
4P-4MB	7129-00965	1/4	6.4	7/16-20	14	1.93	49.0	.91	23.0
6P-6MB XBULK	7129-0086	3/8	9.5	9/16-18	17	1.97	50.0	.94	24.0
6P-6MB	7129-00865	3/8	9.5	9/16-18	17	1.97	50.0	.94	24.0
6P-8MB XBULK	7129-0036	3/8	9.5	3/4-16	22	2.13	54.0	1.10	28.0
6P-8MB	7129-00365	3/8	9.5	3/4-16	22	2.13	54.0	1.10	28.0
8P-8MB XBULK	7129-0105	1/2	12.7	3/4-16	22	2.28	58.0	1.14	29.0
8P-8MB	7129-01055	1/2	12.7	3/4-16	22	2.28	58.0	1.14	29.0
8P-10MB XBULK	7129-0093	1/2	12.7	7/8-14	27	2.34	59.5	1.20	30.5
8P-10MB	7129-00935	1/2	12.7	7/8-14	27	2.34	59.5	1.20	30.5
8P-12MB XBULK	7129-0077	1/2	12.7	1 1/16-12	32	2.48	63.0	1.34	34.0
8P-12MB	7129-00775	1/2	12.7	1 1/16-12	32	2.48	63.0	1.34	34.0
12P-12MB XBULK	7129-0111	3/4	19.1	1 1/16-12	32	2.91	74.0	1.40	35.5
12P-12MB	7129-01115	3/4	19.1	1 1/16-12	32	2.91	74.0	1.40	35.5

Male JIC 37° Flare

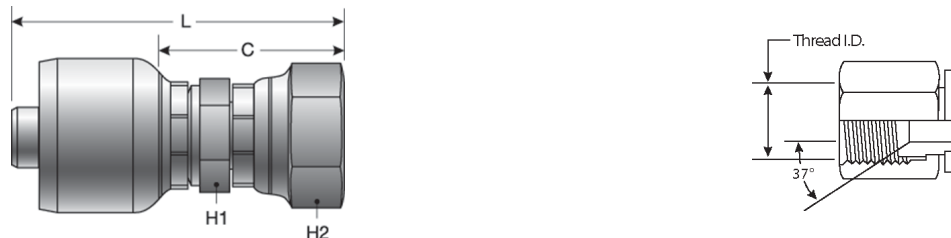


Descr.	Prod. No.	⌀		🌀	H1	L		C	
		"	mm			"	mm	"	mm
4P-4MJ XBULK	7129-0090	1/4	6.4	7/16-20	14	2.20	54.0	1.10	28.0
4P-4MJ	7129-00905	1/4	6.4	7/16-20	14	2.20	54.0	1.10	28.0
4P-5MJ XBULK	7129-0247	1/4	6.4	1/2-20	14	2.20	54.0	1.10	28.0
4P-5MJ	7129-02475	1/4	6.4	1/2-20	14	2.20	54.0	1.10	28.0
4P-6MJ XBULK	7129-0075	1/4	6.4	9/16-18	17	2.17	55.0	1.14	29.0
4P-6MJ	7129-00755	1/4	6.4	9/16-18	17	2.17	55.0	1.14	29.0
6P-6MJ XBULK	7129-0057	3/8	9.5	9/16-18	17	2.24	55.0	1.14	29.0
6P-6MJ	7129-00575	3/8	9.5	9/16-18	17	2.24	55.0	1.14	29.0
6P-8MJ XBULK	7129-0050	3/8	9.5	3/4-16	19	2.37	58.0	1.26	32.0
6P-8MJ	7129-00505	3/8	9.5	3/4-16	19	2.37	58.0	1.26	32.0
6P-10MJ XBULK	7129-0098	3/8	9.5	7/8-14	24	2.53	62.0	1.42	36.0
6P-10MJ	7129-00985	3/8	9.5	7/8-14	24	2.53	62.0	1.42	36.0
8P-8MJ XBULK	7129-0095	1/2	12.7	3/4-16	19	2.57	63.0	1.34	34.0

Male JIC 37° Flare - Continued

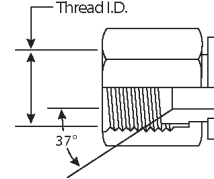
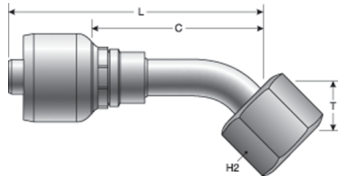
Descr.	Prod. No.	⊖		🌀	H1	L		C	
		"	mm			"	mm	"	mm
8P-8MJ	7129-00955	1/2	12.7	3/4-16	19	2.57	63.0	1.34	34.0
8P-10MJ XBULK	7129-0058	1/2	12.7	7/8-14	24	2.69	66.0	1.46	37.0
8P-10MJ	7129-00585	1/2	12.7	7/8-14	24	2.69	66.0	1.46	37.0
8P-12MJ XBULK	7129-0064	1/2	12.7	1 1/16-12	27	2.82	69.0	1.57	40.0
8P-12MJ	7129-00645	1/2	12.7	1 1/16-12	27	2.82	69.0	1.57	40.0
10P-10MJ XBULK	7129-0101	5/8	15.9	7/8-14	24	2.90	71.0	1.54	39.0
10P-10MJ	7129-01015	5/8	15.9	7/8-14	24	2.90	71.0	1.54	39.0
10P-12MJ XBULK	7129-0040	5/8	15.9	1 1/16-12	27	2.98	73.0	1.61	41.0
10P-12MJ	7129-00405	5/8	15.9	1 1/16-12	27	2.98	73.0	1.61	41.0
12P-12MJ XBULK	7129-0107	3/4	19.1	1 1/16-12	27	3.31	81.0	1.67	42.5
12P-12MJ	7129-01075	3/4	19.1	1 1/16-12	27	3.31	81.0	1.67	42.5
12P-16MJ XBULK	7129-0118	3/4	19.1	1 5/16-12	36	3.37	82.5	1.73	44.0
12P-16MJ	7129-01185	3/4	19.1	1 5/16-12	36	3.37	82.5	1.73	44.0
16P-16MJ XBULK	7129-0125	1	25.4	1 5/16-12	36	3.39	83.0	1.75	44.5
16P-16MJ	7129-01255	1	25.4	1 5/16-12	36	3.39	83.0	1.75	44.5

Female JIC 37° Flare Swivel - with Stem Hex



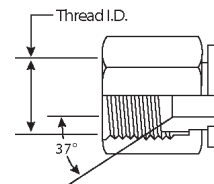
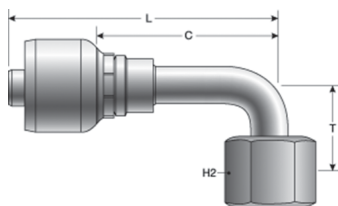
Descr.	Prod. No.	⊖		🌀	H1	H2	L		C	
		"	mm				"	mm	"	mm
4P-4HFJX XBULK	7129-0074	1/4	6.4	7/16-20	14	14	2.24	56.9	1.22	30.9
4P-5HFJX XBULK	7129-0114	1/4	6.4	1/2-20	14	17	2.27	57.7	1.25	31.7
4P-5HFJX	7129-01145	1/4	6.4	1/2-20	14	17	2.27	57.7	1.25	31.7
4P-6HFJX XBULK	7129-0020	1/4	6.4	9/16-18	14	19	2.26	57.3	1.23	31.3
6P-6HFJX XBULK	7129-0027	3/8	9.5	9/16-18	17	19	2.28	57.8	1.25	31.8
6P-8HFJX XBULK	7129-0061	3/8	9.5	3/4-16	19	24	2.43	61.6	1.40	35.6
6P-10HFJX XBULK	7129-0070	3/8	9.5	7/8-14	23	27	2.51	63.7	1.48	37.7
6P-10HFJX	7129-00705	3/8	9.5	7/8-14	23	27	2.51	63.7	1.48	37.7
8P-8HFJX XBULK	7129-0005	1/2	12.7	3/4-16	19	24	2.58	65.6	1.44	36.6
8P-10HFJX XBULK	7129-0045	1/2	12.7	7/8-14	22	27	2.67	67.7	1.52	38.7
8P-12HFJX XBULK	7129-0019	1/2	12.7	1 1/16-12	27	32	2.76	70.0	1.61	41.0
10P-10HFJX XBULK	7129-0055	5/8	15.9	7/8-14	23	27	2.82	71.7	1.56	39.7
10P-12HFJX XBULK	7129-0037	5/8	15.9	1 1/16-12	27	32	2.89	73.5	1.63	41.5
12P-12HFJX XBULK	7129-0054	3/4	19.1	1 1/16-12	27	32	3.23	82.0	1.71	43.5
12P-16HFJX XBULK	7129-0089	3/4	19.1	1 5/16-12	32	41	3.29	83.5	1.77	45.0
16P-16HFJX XBULK	7129-0116	1	25.4	1 5/16-12	36	41	3.31	84.0	1.79	45.5

Female JIC 37° Flare Swivel - 45° Bent Tube



Descr.	Prod. No.	⊘		H2	T		L		C		
		"	mm		"	mm	"	mm	"	mm	
4P-4FJX45S XBULK	7129-0293	1/4	6.4	7/16-20	14	.39	10.0	2.66	67.5	1.63	41.5
4P-4FJX45S	7129-02935	1/4	6.4	7/16-20	14	.39	10.0	2.66	67.5	1.63	41.5
4P-5FJX45-011 XBULK	7129-0312	1/4	6.4	1/2-20	17	.39	10.0	2.51	63.8	1.49	37.8
4P-6FJX45S XBULK	7129-0169	1/4	6.4	9/16-18	19	.43	11.0	2.91	74.0	1.89	48.0
4P-6FJX45S	7129-01695	1/4	6.4	9/16-18	19	.43	11.0	2.91	74.0	1.89	48.0
6P-6FJX45S XBULK	7129-0013	3/8	9.5	9/16-18	19	.43	11.0	2.91	74.0	1.89	48.0
6P-6FJX45S	7129-00135	3/8	9.5	9/16-18	19	.43	11.0	2.91	74.0	1.89	48.0
6P-8FJX45S XBULK	7129-0136	3/8	9.5	3/4-16	24	.59	15.0	3.36	85.4	2.34	59.4
6P-8FJX45S	7129-01365	3/8	9.5	3/4-16	24	.59	15.0	3.36	85.4	2.34	59.4
8P-8FJX45S XBULK	7129-0049	1/2	12.7	3/4-16	24	.59	15.0	3.52	89.4	2.38	60.4
8P-10FJX45S XBULK	7129-0204	1/2	12.7	7/8-14	27	.63	16.0	3.43	87.0	2.28	58.0
8P-10FJX45S	7129-02045	1/2	12.7	7/8-14	27	.63	16.0	3.43	87.0	2.28	58.0
10P-10FJX45S XBULK	7129-0137	5/8	15.9	7/8-14	27	.63	16.0	3.54	90.0	2.28	58.0
10P-10FJX45S	7129-01375	5/8	15.9	7/8-14	27	.63	16.0	3.54	90.0	2.28	58.0
10P-12FJX45S XBULK	7129-0076	5/8	15.9	1 1/16-12	32	.83	21.0	4.30	109.2	3.04	77.2
10P-12FJX45S	7129-00765	5/8	15.9	1 1/16-12	32	.83	21.0	4.30	109.2	3.04	77.2
12P-12FJX45S XBULK	7129-0152	3/4	19.1	1 1/16-12	32	.83	21.0	4.57	116.2	3.06	77.7
16P-16FJX45S XBULK	7129-0241	1	25.4	1 5/16-12	41	.94	24.0	4.69	119.2	3.18	80.7
16P-16FJX45S	7129-02415	1	25.4	1 5/16-12	41	.94	24.0	4.69	119.2	3.18	80.7

Female JIC 37° Flare Swivel - 90° Bent Tube

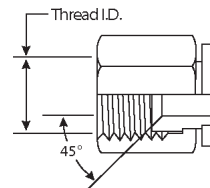
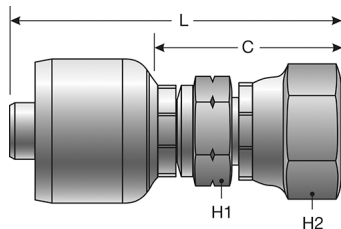


Descr.	Prod. No.	⊘		H2	T		L		C		
		"	mm		"	mm	"	mm	"	mm	
4P-4FJX90L XBULK	7129-0278	1/4	6.4	7/16-20	14	1.81	46.0	2.24	57.0	1.22	31.0
4P-4FJX90L	7129-02785	1/4	6.4	7/16-20	14	1.81	46.0	2.24	57.0	1.22	31.0
4P-4FJX90M XBULK	7129-0289	1/4	6.4	7/16-20	14	1.26	32.0	2.24	57.0	1.22	31.0
4P-4FJX90M	7129-02895	1/4	6.4	7/16-20	14	1.26	32.0	2.24	57.0	1.22	31.0
4P-4FJX90S XBULK	7129-0288	1/4	6.4	7/16-20	14	.83	21.0	2.40	61.0	1.38	35.0
4P-5FJX90-023 XBULK	7129-0308	1/4	6.4	1/2-20	17	.83	23.0	2.37	60.2	1.35	34.2
4P-6FJX90L XBULK	7129-0202	1/4	6.4	9/16-18	19	2.13	54.0	2.64	67.1	1.62	41.1
4P-6FJX90L	7129-02025	1/4	6.4	9/16-18	19	2.13	54.0	2.64	67.1	1.62	41.1
4P-6FJX90M XBULK	7129-0207	1/4	6.4	9/16-18	19	1.50	38.0	2.87	73.0	1.85	47.0
4P-6FJX90M	7129-02075	1/4	6.4	9/16-18	19	1.50	38.0	2.87	73.0	1.85	47.0
4P-6FJX90S XBULK	7129-0173	1/4	6.4	9/16-18	19	.91	23.0	2.96	75.1	1.93	49.1
6P-6FJX90L XBULK	7129-0012	3/8	9.5	9/16-18	19	2.13	54.0	2.64	67.1	1.62	41.1

Female JIC 37° Flare Swivel - 90° Bent Tube - Continued

Descr.	Prod. No.	⊖		🌀	H2	T		L		C	
		"	mm			"	mm	"	mm	"	mm
6P-6FJX90M XBULK	7129-0017	3/8	9.5	9/16-18	19	1.50	38.0	2.87	73.0	1.85	47.0
6P-6FJX90M	7129-00175	3/8	9.5	9/16-18	19	1.50	38.0	2.87	73.0	1.85	47.0
6P-6FJX90S XBULK	7129-0016	3/8	9.5	9/16-18	19	.91	23.0	2.96	75.1	1.93	49.1
6P-8FJX90M XBULK	7129-0149	3/8	9.5	3/4-16	24	1.61	41.0	3.07	78.0	2.05	52.0
6P-8FJX90M	7129-01495	3/8	9.5	3/4-16	24	1.61	41.0	3.07	78.0	2.05	52.0
6P-8FJX90S XBULK	7129-0184	3/8	9.5	3/4-16	24	1.14	29.0	3.04	77.2	2.02	51.2
8P-8FJX90L XBULK	7129-0068	1/2	12.7	3/4-16	24	2.52	64.0	3.24	82.4	4.00	53.4
8P-8FJX90M XBULK	7129-0066	1/2	12.7	3/4-16	24	1.61	41.0	3.23	82.0	2.09	53.0
8P-8FJX90M	7129-00665	1/2	12.7	3/4-16	24	1.61	41.0	3.23	82.0	2.09	53.0
8P-8FJX90S XBULK	7129-0131	1/2	12.7	3/4-16	24	1.14	29.0	3.20	81.2	2.06	52.2
8P-10FJX90M XBULK	7129-0263	1/2	12.7	7/8-14	27	1.85	47.0	3.31	84.0	2.17	55.0
8P-10FJX90M	7129-02635	1/2	12.7	7/8-14	27	1.85	47.0	3.31	84.0	2.17	55.0
8P-10FJX90S XBULK	7129-0218	1/2	12.7	7/8-14	27	1.26	32.0	3.13	79.5	1.99	50.5
8P-12FJX90S XBULK	7129-0170	1/2	12.7	1 1/16-12	36	1.89	48.0	3.68	93.4	2.54	64.4
10P-10FJX90M XBULK	7129-0157	5/8	15.9	7/8-14	27	1.85	47.0	3.43	87.0	2.17	55.0
10P-10FJX90M	7129-01575	5/8	15.9	7/8-14	27	1.85	47.0	3.43	87.0	2.17	55.0
10P-10FJX90S XBULK	7129-0163	5/8	15.9	7/8-14	27	1.26	32.0	3.25	82.5	1.99	50.5
10P-12FJX90M XBULK	7129-0122	5/8	15.9	1 1/16-12	32	2.28	58.0	3.98	101.2	2.72	69.2
10P-12FJX90M	7129-01225	5/8	15.9	1 1/16-12	32	2.28	58.0	3.98	101.2	2.72	69.2
10P-12FJX90S XBULK	7129-0139	5/8	15.9	1 1/16-12	32	1.89	48.0	4.02	102.2	2.76	70.2
10P-12FJX90S	7129-01395	5/8	15.9	1 1/16-12	32	1.89	48.0	4.02	102.2	2.76	70.2
12P-12FJX90L XBULK	7129-0112	3/4	19.1	1 1/16-12	32	3.78	96.0	4.34	110.2	2.82	71.7
12P-12FJX90L	7129-01125	3/4	19.1	1 1/16-12	32	3.78	96.0	4.34	110.2	2.82	71.7
12P-12FJX90M XBULK	7129-0117	3/4	19.1	1 1/16-12	32	2.28	58.0	4.26	108.2	2.74	69.7
12P-12FJX90M	7129-01175	3/4	19.1	1 1/16-12	32	2.28	58.0	4.26	108.2	2.74	69.7
12P-12FJX90S XBULK	7129-0081	3/4	19.1	1 1/16-12	32	1.89	48.0	4.30	109.2	2.78	70.7
16P-16FJX90L XBULK	7129-0230	1	25.4	1 5/16-12	41	4.49	114.0	3.75	95.2	2.23	56.7
16P-16FJX90L	7129-02305	1	25.4	1 5/16-12	41	4.49	114.0	3.75	95.2	2.23	56.7
16P-16FJX90M XBULK	7129-0225	1	25.4	1 5/16-12	41	2.80	71.0	3.74	95.1	2.23	56.6
16P-16FJX90M	7129-02255	1	25.4	1 5/16-12	41	2.80	71.0	3.74	95.1	2.23	56.6
16P-16FJX90S XBULK	7129-0246	1	25.4	1 5/16-12	41	2.20	56.0	4.74	120.5	3.23	82.0

Female SAE 45° Flare Swivel

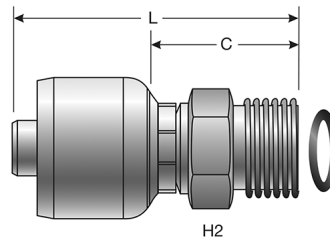


Descr.	Prod. No.	⊖		🌀	H1	H2	L		C	
		"	mm				"	mm	"	mm
4P-4FSX XBULK	7129-0352	1/4	6.4	7/16-20	14	14	2.24	56.9	1.22	30.9
4P-4FSX	7129-03525	1/4	6.4	7/16-20	14	14	2.24	56.9	1.22	30.9
4P-6FSX XBULK	7129-0315	1/4	6.4	5/8-18	17	19	2.28	57.8	1.25	31.8
4P-6FSX	7129-03155	1/4	6.4	5/8-18	17	19	2.28	57.8	1.25	31.8
6P-6FSX XBULK	7129-0094	3/8	9.5	5/8-18	17	19	2.35	59.7	1.33	33.7
6P-6FSX	7129-00945	3/8	9.5	5/8-18	17	19	2.35	59.7	1.33	33.7
8P-8FSX XBULK	7129-0350	1/2	12.7	3/4-16	19	24	2.58	65.6	1.44	36.6

Female SAE 45° Flare Swivel - Continued

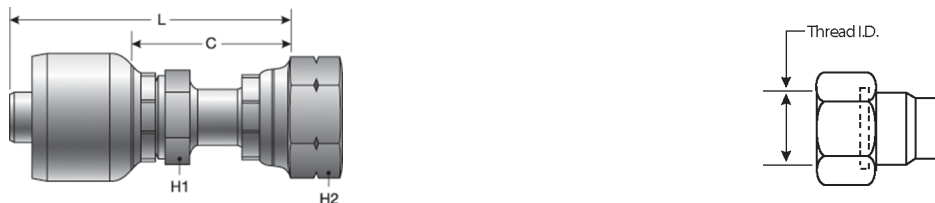
Descr.	Prod. No.	⊖		🌀	H1	H2	L		C	
		"	mm				"	mm	"	mm
8P-8FSX	7129-03505	1/2	12.7	3/4-16	19	24	2.58	65.6	1.44	36.6
8P-10FSX XBULK	7129-0353	1/2	12.7	7/8-14	23	27	2.69	68.2	1.54	39.2
8P-10FSX	7129-03535	1/2	12.7	7/8-14	23	27	2.69	68.2	1.54	39.2
12P-12FSX XBULK	7129-0199	3/4	19.1	1 1/16-14	27	32	3.17	80.5	1.65	42.0
12P-12FSX	7129-01995	3/4	19.1	1 1/16-12	27	32	3.17	85.5	1.65	42.0

Male Flat-Face O-Ring



Descr.	Prod. No.	⊖		🌀	H2	L		C	
		"	mm			"	mm	"	mm
4P-4MFFOR XBULK	7129-0275	1/4	6.4	9/16-18	17	2.01	51.0	.98	25.0
4P-4MFFOR	7129-02755	1/4	6.4	9/16-18	17	2.01	51.0	.98	25.0
6P-6MFFOR XBULK	7129-0153	3/8	9.5	11/16-16	19	2.09	53.0	1.06	27.0
6P-6MFFOR	7129-01535	3/8	9.5	11/16-16	19	2.09	53.0	1.06	27.0
8P-8MFFOR XBULK	7129-0291	1/2	12.7	13/16-16	22	2.36	60.0	1.22	31.0
8P-8MFFOR	7129-02915	1/2	12.7	13/16-16	22	2.36	60.0	1.22	31.0
8P-10MFFOR XBULK	7129-0299	1/2	12.7	1-14	27	2.44	62.0	1.30	33.0
8P-10MFFOR	7129-02995	1/2	12.7	1-14	27	2.44	62.0	1.30	33.0
10P-10MFFOR XBULK	7129-0255	5/8	15.9	1-14	27	2.65	68.0	1.42	36.0
10P-10MFFOR	7129-02555	5/8	15.9	1-14	27	2.65	68.0	1.42	36.0
12P-12MFFOR XBULK	7129-0134	3/4	19.1	1 3/16-12	32	3.07	78.0	1.56	39.5
12P-12MFFOR	7129-01345	3/4	19.1	1 3/16-12	32	3.07	78.0	1.56	39.5

Female Flat-Face O-Ring Swivel

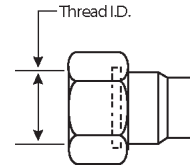
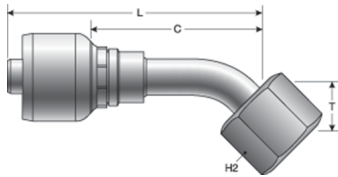


Descr.	Prod. No.	⊖		🌀	H1	H2	L		C	
		"	mm				"	mm	"	mm
4P-4FFORX XBULK	7129-0014	1/4	6.4	9/16-18	14	17	2.19	55.5	1.16	29.5
4P-6FFORX XBULK	7129-0051	1/4	6.4	11/16-16	17	22	2.32	59.0	1.30	33.0
4P-6FFORX	7129-00515	1/4	6.4	11/16-16	17	22	2.32	59.0	1.30	33.0
6P-6FFORX XBULK	7129-0022	3/8	9.5	11/16-16	17	22	2.32	59.0	1.30	33.0

Female Flat-Face O-Ring Swivel - Continued

Descr.	Prod. No.	⊖		🌀	H1	H2	L		C	
		"	mm				"	mm	"	mm
6P-8FFORX XBULK	7129-0046	3/8	9.5	13/16-16	22	24	2.46	62.5	1.44	36.5
8P-8FFORX XBULK	7129-0000	1/2	12.7	13/16-16	22	24	2.60	66.0	1.46	37.0
8P-10FFORX XBULK	7129-0039	1/2	12.7	1-14	27	30	2.76	70.0	1.61	41.0
10P-10FFORX XBULK	7129-0026	5/8	15.9	1-14	27	30	2.85	72.5	1.59	40.5
10P-12FFORX XBULK	7129-0053	5/8	15.9	1 3/16-12	30	36	2.95	75.0	1.69	43.0
12P-12FFORX XBULK	7129-0056	3/4	19.1	1 3/16-12	30	36	3.21	81.5	1.69	43.0
12P-16FFORX XBULK	7129-0047	3/4	19.1	1 7/16-12	36	41	3.58	91.0	2.07	52.5
12P-16FFORX	7129-00475	3/4	19.1	1 7/16-12	36	41	3.58	91.0	2.07	52.5
16P-16FFORX XBULK	7129-0063	1	25.4	1 7/16-12	36	41	3.58	91.0	2.07	52.5

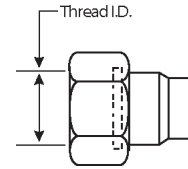
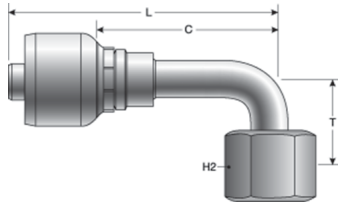
Female Flat-Face O-Ring Swivel - 45° Bent Tube



Descr.	Prod. No.	⊖		🌀	H2	T		L		C	
		"	mm			"	mm	"	mm	"	mm
4P-4FFORX45S XBULK	7129-0234	1/4	6.4	9/16-18	17	.39	10.0	2.37	60.3	1.35	34.3
4P-4FFORX45S	7129-02345	1/4	6.4	9/16-18	17	.39	10.0	2.37	60.3	1.35	34.3
4P-6FFORX45S XBULK	7129-0161	1/4	6.4	11/16-16	22	.43	11.0	2.61	66.3	1.59	40.3
4P-6FFORX45S	7129-01615	1/4	6.4	11/16-16	22	.43	11.0	2.61	66.3	1.59	40.3
6P-6FFORX45S XBULK	7129-0142	3/8	9.5	11/16-16	22	.43	11.0	2.61	66.3	1.59	40.3
6P-6FFORX45S	7129-01425	3/8	9.5	11/16-16	22	.43	11.0	2.61	66.3	1.59	40.3
6P-8FFORX45S XBULK	7129-0129	3/8	9.5	13/16-16	24	.59	15.0	3.24	82.2	2.21	56.2
6P-8FFORX45S	7129-01295	3/8	9.5	13/16-16	24	.59	15.0	3.24	82.2	2.21	56.2
8P-8FFORX45S XBULK	7129-0083	1/2	12.7	13/16-16	24	.59	15.0	3.39	86.2	2.25	57.2
8P-8FFORX45S	7129-00835	1/2	12.7	13/16-16	24	.59	15.0	3.39	86.2	2.25	57.2
8P-10FFORX45S XBULK	7129-0150	1/2	12.7	1-14	30	.63	16.0	3.58	91.0	2.44	62.0
8P-10FFORX45S	7129-01505	1/2	12.7	1-14	30	.63	16.0	3.58	91.0	2.44	62.0
10P-10FFORX45S XBULK	7129-0120	5/8	15.9	1-14	30	.63	16.0	3.70	94.0	2.44	62.0
10P-10FFORX45S	7129-01205	5/8	15.9	1-14	30	.63	16.0	3.70	94.0	2.44	62.0
12P-12FFORX45S XBULK	7129-0115	3/4	19.1	1 3/16-12	36	.83	21.0	4.36	110.8	2.85	72.3
16P-16FFORX45S XBULK	7129-0235	1	25.4	1 7/16-12	41	.94	24.0	4.80	121.8	3.28	83.3
16P-16FFORX45S	7129-02355	1	25.4	1 7/16-12	41	.94	24.0	4.80	121.8	3.28	83.3

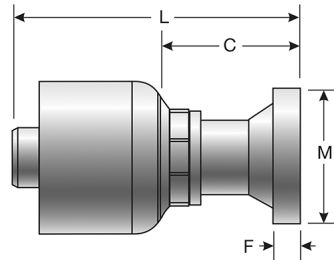


Female Flat-Face O-Ring Swivel - 90° Bent Tube



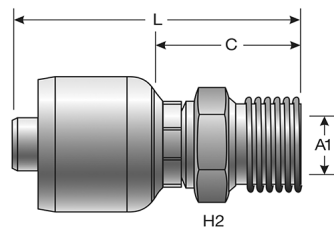
Descr.	Prod. No.	⊖		🌀	H2	T		L		C	
		"	mm			"	mm	"	mm	"	mm
4P-4FFORX90M XBULK	7129-0297	1/4	6.4	9/16-18	17	1.26	32.0	2.05	52.0	1.02	26.0
4P-4FFORX90M	7129-02975	1/4	6.4	9/16-18	17	1.26	32.0	2.05	52.0	1.02	26.0
4P-4FFORX90S XBULK	7129-0265	1/4	6.4	9/16-18	17	.83	21.0	2.19	55.5	1.16	29.5
4P-4FFORX90S	7129-02655	1/4	6.4	9/16-18	17	.83	21.0	2.19	55.5	1.16	29.5
4P-6FFORX90S XBULK	7129-0175	1/4	6.4	11/16-16	22	.91	23.0	2.72	69.0	1.69	43.0
4P-6FFORX90S	7129-01755	1/4	6.4	11/16-16	22	.91	23.0	2.72	69.0	1.69	43.0
6P-6FFORX90L XBULK	7129-0148	3/8	9.5	11/16-16	22	2.13	54.0	2.59	65.8	1.57	39.8
6P-6FFORX90L	7129-01485	3/8	9.5	11/16-16	22	2.13	54.0	2.59	65.8	1.57	39.8
6P-6FFORX90M XBULK	7129-0126	3/8	9.5	11/16-16	22	1.50	38.0	2.37	60.1	1.34	34.1
6P-6FFORX90M	7129-01265	3/8	9.5	11/16-16	22	1.50	38.0	2.37	60.1	1.34	34.1
6P-6FFORX90S XBULK	7129-0158	3/8	9.5	11/16-16	22	.91	23.0	2.72	69.0	1.69	43.0
6P-8FFORX90S XBULK	7129-0141	3/8	9.5	13/16-16	24	1.14	29.0	3.04	77.3	2.02	51.3
6P-8FFORX90S	7129-01415	3/8	9.5	13/16-16	24	1.14	29.0	3.04	77.3	2.02	51.3
8P-8FFORX90M XBULK	7129-0069	1/2	12.7	13/16-16	24	1.61	41.0	3.20	81.3	2.06	52.3
8P-8FFORX90M	7129-00695	1/2	12.7	13/16-16	24	1.61	41.0	3.20	81.3	2.06	52.3
8P-8FFORX90S XBULK	7129-0127	1/2	12.7	13/16-16	24	1.14	29.0	3.20	81.3	2.06	52.3
8P-10FFORX90S XBULK	7129-0154	1/2	12.7	1-14	30	1.26	32.0	3.27	83.0	2.13	54.0
8P-10FFORX90S	7129-01545	1/2	12.7	1-14	30	1.26	32.0	3.27	83.0	2.13	54.0
10P-10FFORX90S XBULK	7129-0138	5/8	15.9	1-14	30	1.26	32.0	3.39	86.0	2.13	54.0
10P-10FFORX90S	7129-01385	5/8	15.9	1-14	30	1.26	32.0	3.39	86.0	2.13	54.0
10P-12FFORX90S XBULK	7129-0072	5/8	15.9	1 3/16-12	36	1.89	48.0	3.80	96.4	2.54	64.4
10P-12FFORX90S	7129-00725	5/8	15.9	1 3/16-12	36	1.89	48.0	3.80	96.4	2.54	64.4
12P-12FFORX90M XBULK	7129-0322	3/4	19.1	1 3/16-12	36	2.28	58.0	4.18	106.1	2.66	67.6
12P-12FFORX90M	7129-03225	3/4	19.1	1 3/16-12	36	2.28	58.0	4.18	106.1	2.66	67.6
12P-12FFORX90S XBULK	7129-0100	3/4	19.1	1 3/16-12	36	1.89	48.0	4.07	103.4	2.56	64.9
16P-16FFORX90M XBULK	7129-0323	1	25.4	1 7/16-12	41	2.80	71.0	4.13	104.8	2.61	66.3
16P-16FFORX90M	7129-03235	1	25.4	1 7/16-12	41	2.80	71.0	4.13	104.8	2.61	66.3
16P-16FFORX90S XBULK	7129-0231	1	25.4	1 7/16-12	41	2.20	56.0	4.13	104.8	2.61	66.3

Code 61 O-Ring Flange



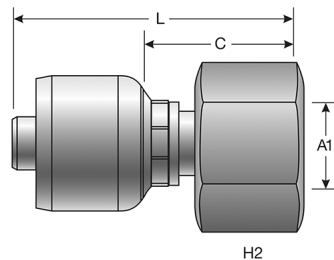
Descr.	Prod. No.	⊖		L		C		F	M
		"	mm	"	mm	"	mm		
16P-16FL XBULK	7129-0155	1	25.4	3.35	85.0	1.83	46.5	8.0	44.5
16P-16FL	7129-01555	1	25.4	3.35	85.0	1.83	46.5	8.0	44.5

Male DIN 24° Cone - Light Series



Descr.	Prod. No.	⊖		🌀	H2	L		C		A1
		"	mm			"	mm	"	mm	
6P-12MDL	7129-02285	3/8	9.5	M18X1.5	19	1.99	50.5	.96	24.5	12.0

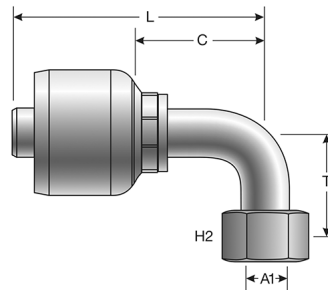
Female DIN 24° Cone Swivel - Light Series with O-Ring



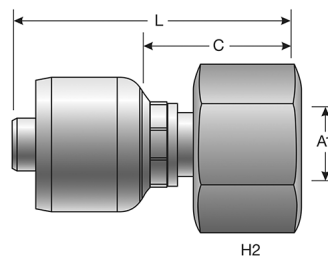
Descr.	Prod. No.	⊖		🌀	H2	L		C		A1
		"	mm			"	mm	"	mm	
4P-6FDLORX	7129-02195	1/4	6.4	M12X1.5	14	1.98	50.2	.95	24.2	6.0
4P-8FDLORX XBULK	7129-0194	1/4	6.4	M14X1.5	17	1.98	50.2	.95	24.2	8.0
4P-8FDLORX	7129-01945	1/4	6.4	M14X1.5	17	1.98	50.2	.95	24.2	8.0
4P-10FDLORX	7129-01815	1/4	6.4	M16X1.5	19	2.04	51.7	1.01	25.7	10.0
6P-10FDLORX XBULK	7129-0029	3/8	9.5	M16X1.5	19	2.04	51.7	1.01	25.7	10.0
6P-10FDLORX	7129-00295	3/8	9.5	M16X1.5	19	2.04	51.7	1.01	25.7	10.0

Female DIN 24° Cone Swivel - Light Series with O-Ring - Continued

Descr.	Prod. No.	⊖		🌀	H2	L		C		A1
		"	mm			"	mm	"	mm	
6P-12FDLORX XBULK	7129-0001	3/8	9.5	M18X1.5	22	2.04	51.7	1.01	25.7	12.0
6P-12FDLORX	7129-00015	3/8	9.5	M18X1.5	22	2.04	51.7	1.01	25.7	12.0
8P-15FDLORX	7129-02375	1/2	12.7	M22X1.5	27	2.17	55.1	1.03	26.1	15.0
10P-18FDLORX XBULK	7129-0010	5/8	15.9	M26X1.5	32	2.33	59.2	1.07	27.2	18.0
10P-18FDLORX	7129-00105	5/8	15.9	M26X1.5	32	2.33	59.2	1.07	27.2	18.0
12P-22FDLORX	7129-00485	3/4	19.1	M30X2.0	36	2.69	68.3	1.17	29.8	20.0

Female DIN 24° Cone Swivel - Light Series with O-Ring - 90° Bent Tube


Descr.	Prod. No.	⊖		🌀	H2	T		L		C		A1
		"	mm			"	mm	"	mm	"	mm	
4P-8FDLORX90 XBULK	7129-0211	1/4	6.4	M14X1.5	17	1.38	35.0	2.28	58.0	1.26	32.0	8.0
4P-8FDLORX90S	7129-02115	1/4	6.4	M14X1.5	17	1.38	35.0	2.28	58.0	1.26	32.0	8.0
4P-10FDLORX90S	7129-02685	1/4	6.4	M16X1.5	19	1.44	36.5	2.28	58.0	1.26	32.0	10.0
6P-10FDLORX90 XBULK	7129-0273	3/8	9.5	M16X1.5	19	1.44	36.6	2.26	57.3	1.23	31.3	10.0
6P-10FDLORX90S	7129-02735	3/8	9.5	M16X1.5	19	1.44	36.6	2.26	57.3	1.23	31.3	10.0
6P-12FDLORX90 XBULK	7129-0168	3/8	9.5	M18X1.5	22	1.46	37.0	2.26	57.3	1.23	31.3	12.0
6P-12FDLORX90S	7129-01685	3/8	9.5	M18X1.5	22	1.46	37.0	2.26	57.3	1.23	31.3	12.0
8P-15FDLORX90S	7129-02205	1/2	12.7	M22X1.5	27	1.65	42.0	2.74	69.7	1.60	40.7	15.0

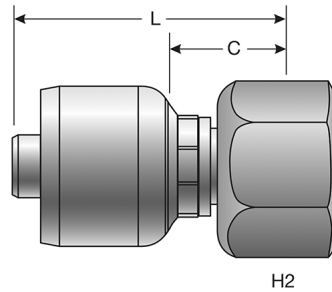
Female DIN 24° Cone Swivel - Heavy Series with O-Ring


Descr.	Prod. No.	⊖		🌀	H2	L		C		A1
		"	mm			"	mm	"	mm	
4P-8FDHORX	7129-02065	1/4	6.4	M16X1.5	19	1.98	50.2	.95	24.2	8.0
6P-12FDHORX XBULK	7129-0186	3/8	9.5	M20X1.5	24	2.04	51.7	1.01	25.7	12.0
6P-12FDHORX	7129-01865	3/8	9.5	M20X1.5	24	2.04	51.7	1.01	25.7	12.0

Female DIN 24° Cone Swivel - Heavy Series with O-Ring - Continued

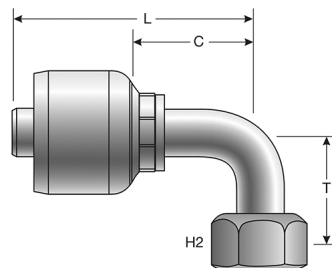
Descr.	Prod. No.	⊖		🌀	H2	L		C		A1
		"	mm			"	mm	"	mm	
8P-16FDHORX	7129-00025	1/2	12.7	M24X1.5	30	2.34	59.4	1.20	30.4	16.0
12P-20FDHORX	7129-01035	3/4	19.1	M30X2.0	36	2.91	73.8	1.39	35.3	20.0

Female British Standard Parallel Pipe Swivel



Descr.	Prod. No.	⊖		🌀	H2	L		C	
		"	mm			"	mm	"	mm
4P-4FBSPPX XBULK	7129-0209	1/4	6.4	1/4-19	19	1.65	42.0	.63	16.0
4P-4FBSPPX	7129-02095	1/4	6.4	1/4-19	19	1.65	42.0	.63	16.0
6P-6FBSPPX XBULK	7129-0190	3/8	9.5	3/8-19	22	1.73	44.0	.71	18.0
6P-6FBSPPX	7129-01905	3/8	9.5	3/8-19	22	1.73	44.0	.71	18.0
8P-8FBSPPX XBULK	7129-0128	1/2	12.7	1/2-14	27	1.89	48.0	.75	19.0
8P-8FBSPPX	7129-01285	1/2	12.7	1/2-14	27	1.89	48.0	.75	19.0
12P-12FBSPPX XBULK	7129-0032	3/4	19.1	3/4-14	32	2.43	61.7	.91	23.2
12P-12FBSPPX	7129-00325	3/4	19.1	3/4-14	32	2.43	61.7	.91	23.2

Female British Standard Parallel Pipe Swivel - 90° Bent Tube



Descr.	Prod. No.	⊖		🌀	H2	T		L		C	
		"	mm			"	mm	"	mm	"	mm
4P-4FBSPPX90 XBULK	7129-0201	1/4	6.4	1/4-19	19	.92	23.3	2.01	51.0	.98	25.0
4P-4FBSPPX90S	7129-02015	1/4	6.4	1/4-19	19	.92	23.3	2.01	51.0	.98	25.0
6P-6FBSPPX90 XBULK	7129-0144	3/8	9.5	3/8-19	22	1.26	32.0	2.33	59.2	1.31	33.2
6P-6FBSPPX90S	7129-01445	3/8	9.5	3/8-19	22	1.26	32.0	2.33	59.2	1.31	33.2
8P-8FBSPPX90 XBULK	7129-0189	1/2	12.7	1/2-14	27	1.48	37.5	2.75	69.9	1.61	40.9
8P-8FBSPPX90S	7129-01895	1/2	12.7	1/2-14	27	1.48	37.5	2.75	69.9	1.61	40.9
12P-12FBSPPX90S	7129-02215	3/4	19.1	3/4-14	32	2.38	60.5	3.78	96.0	2.26	57.5