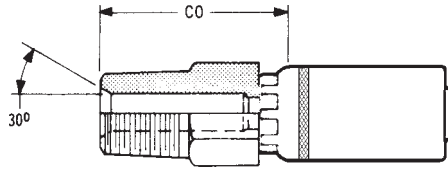




1P

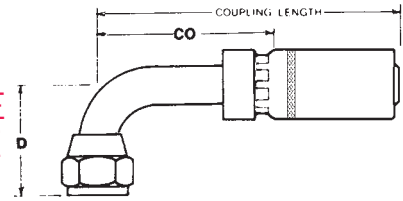
One-Piece Fittings for SAE 100R5 and A803 High Temp

NPTF SOLID MALE ONE PIECE



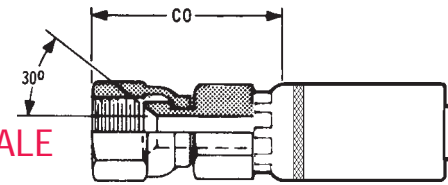
Part Number	Hose I.D.	Thread	Hex	Fitting Length	-CO-Cutoff
• 204-1PR5-104	3/16	1/4-18	9/16	1.862	0.952
• 205-1PR5-104	1/4	1/4-18	5/8	1.940	1.030
• 206-1PR5-104	5/16	1/4-18	5/8	1.940	1.030
• 206-1PR5-106	5/16	3/8-18	11/16	1.971	1.061
• 208-1PR5-106	13/32	3/8-18	11/16	2.140	1.020
• 208-1PR5-108	13/32	1/2-14	7/8	2.330	1.210
• 210-1PR5-108	1/2	1/2-14	7/8	2.472	1.312
• 212-1PR5-112	5/8	3/4-14	1-1/16	2.534	1.374
• 216-1PR5-116	7/8	1-11/12	1-3/8	2.801	1.550

SAE 45° SWIVEL FEMALE 90° BENT TUBE SHORT DROP



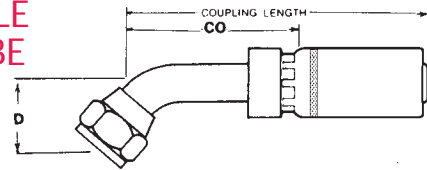
Part Number	Hose I.D.	Thread	Nut Hex	Drop	Fitting Length	-CO-Cutoff
• 204-1PR5S-464	3/16	7/16-20	9/16	0.780	2.260	1.390
• 205-1PR5S-464	1/4	7/16-20	9/16	0.780	2.335	1.425
• 205-1PR5S-465	1/4	1/2-20	5/8	0.900	2.425	1.510
• 206-1PR5S-465	5/16	1/2-20	5/8	0.920	2.425	1.350
• 206-1PR5S-466	5/16	5/8-18	3/4	0.850	2.575	1.670
• 208-1PR5S-468	13/32	3/4-16	7/8	1.170	2.880	1.755
• 210-1PR5S-468	1/2	3/4-16	7/8	1.170	2.920	1.760
• 210-1PR5S-470	1/2	7/8-14	1	1.320	3.283	2.123
• 212-1PR5S-470	5/8	7/8-14	1	1.320	3.295	2.135
• 212-1PR5S-472	5/8	1-1/16-14	1-1/4	1.870	3.895	2.730
• 216-1PR5S-472	7/8	1-1/16-14	1-1/4	1.870	4.005	2.755
• 216-1PR5S-476	7/8	1-5/16-12	1-1/2	2.240	4.500	3.250

JIC 37° SWIVEL FEMALE ONE PIECE



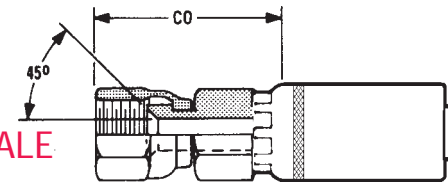
Part Number	Hose I.D.	Thread	Stem Hex	Nut Hex	Fitting Length	-CO-Cutoff	Stem I.D.
• 204-1PR5-604	3/16	7/16-20	1/2	9/16	1.885	0.965	0.118
• 205-1PR5-604	1/4	7/16-20	5/8	9/16	1.995	1.075	0.156
• 205-1PR5-605	1/4	1/2-20	5/8	11/16	2.065	1.145	0.156
• 206-1PR5-605	5/16	1/2-20	5/8	11/16	2.035	1.115	0.234
• 206-1PR5-606	5/16	9/16-18	5/8	3/4	2.025	1.105	0.234
• 208-1PR5-608	13/32	3/4-16	11/16	7/8	2.375	1.245	0.310
• 210-1PR5-608	1/2	3/4-16	13/16	7/8	2.460	1.280	0.406
• 210-1PR5-610	1/2	7/8-14	13/16	1-1/16	2.545	1.395	0.406
• 212-1PR5-610	5/8	7/8-14	1	1-1/16	2.565	1.415	0.500
• 212-1PR5-612	5/8	1-1/16-12	1	1-1/4	2.690	1.510	0.500
• 216-1PR5-612	7/8	1-1/16-12	1-1/16	1-1/4	2.805	1.555	0.625
• 216-1PR5-616	7/8	1-5/16-12	1-1/4	1-1/2	2.920	1.700	

SAE 45° SWIVEL FEMALE 45° BENT TUBE SHORT DROP



Part Number	Hose I.D.	Thread	Nut Hex	Drop	Fitting Length	-CO-Cutoff
• 204-1PR5S-484	3/16	7/16-20	9/16	0.330	2.260	1.390
• 205-1PR5S-484	1/4	7/16-20	9/16	0.330	2.605	1.695
• 205-1PR5S-485	1/4	1/2-20	5/8	0.360	2.705	1.795
• 206-1PR5S-485	5/16	1/2-20	5/8	0.360	2.665	1.790
• 206-1PR5S-486	5/16	5/8-18	3/4	0.410	2.925	2.015
• 208-1PR5S-488	13/32	3/4-16	7/8	0.410	3.135	2.015
• 210-1PR5S-488	1/2	3/4-16	7/8	0.550	3.463	2.303
• 210-1PR5S-490	1/2	7/8-14	1	0.650	3.763	2.603
• 212-1PR5S-490	5/8	7/8-14	1	0.650	3.785	2.620
• 212-1PR5S-492	5/8	1-1/16-14	1-1/4	0.780	4.045	2.885
• 216-1PR5S-492	7/8	1-1/16-14	1-1/4	0.780	4.145	2.895
• 216-1PR5S-496	7/8	1-5/16-12	1-1/2	0.890	4.555	3.300

SAE 45° SWIVEL FEMALE ONE PIECE



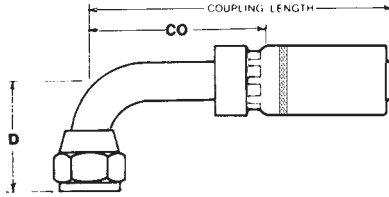
Part Number	Hose I.D.	Thread	Nut Hex	Stem Hex	Stem I.D.	Fitting Length	-CO-Cutoff
• 204-1PR5-404	3/16	7/16-20	9/16	1/2	.118	1.885	0.965
• 205-1PR5-404	1/4	7/16-20	9/16	5/8	.156	1.995	1.075
• 205-1PR5-405	1/4	1/2-20	11/16	5/8	.156	2.065	1.145
• 206-1PR5-405	5/16	1/2-20	11/16	5/8	.234	2.035	1.115
• 206-1PR5-406	5/16	5/8-18	3/4	5/8	.234	2.115	1.205
• 208-1PR5-408	13/32	3/4-16	7/8	3/4	.310	2.390	1.245
• 210-1PR5-408	1/2	3/4-16	7/8	13/16	.406	2.460	1.280
• 210-1PR5-410	1/2	7/8-14	1-1/16	13/16	.406	2.545	1.395
• 212-1PR5-410	5/8	7/8-14	1-1/16	1	.500	2.565	1.415
• 212-1PR5-412	5/8	1-1/16-14	1-1/4	1	.500	2.690	1.510
• 216-1PR5-412	7/8	1-1/16-14	1-1/4	1-1/16	.625	2.805	1.555
• 216-1PR5-416	7/8	1-5/16-12	1-1/2	1-1/4	.625	2.920	1.700

• Indicates change or new product

One-Piece Fittings for SAE 100R5 and A803 High Temp

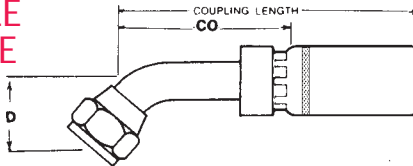


JIC 37° SWIVEL FEMALE 90° BENT TUBE SHORT DROP



Part Number	Hose I.D.	Thread	Nut Hex	Drop	Fitting Length	-CO-Cutoff
• 204-1PR5S-664	3/16	7/16-20	9/16	0.780	2.260	1.390
• 205-1PR5S-664	1/4	7/16-20	9/16	0.780	2.335	1.425
• 205-1PR5S-665	1/4	1/2-20	5/8	0.900	2.425	1.510
• 206-1PR5S-665	5/16	1/2-20	5/8	0.920	2.425	1.350
• 206-1PR5S-666	5/16	9/16-18	11/16	0.850	2.575	1.670
• 208-1PR5S-668	13/32	3/4-16	7/8	1.170	2.880	1.755
• 210-1PR5S-668	1/2	3/4-16	7/8	1.170	2.920	1.760
• 210-1PR5S-670	1/2	7/8-14	1	1.320	3.283	2.123
• 212-1PR5S-670	5/8	7/8-14	1	1.320	3.295	2.135
• 212-1PR5S-672	5/8	1-1/16-12	1-1/4	1.870	3.895	2.730
• 216-1PR5S-672	7/8	1-1/16-12	1-1/4	1.870	4.005	2.755
• 216-1PR5S-676	7/8	1-5/16-12	1-1/2	2.240	4.500	3.250

JIC 37° SWIVEL FEMALE 45° BENT TUBE SHORT DROP



Part Number	Hose I.D.	Thread	Nut Hex	Drop	Fitting Length	-CO-Cutoff
• 204-1PR5S-684	3/16	7/16-20	9/16	0.330	2.260	1.390
• 205-1PR5S-684	1/4	7/16-20	9/16	0.330	2.605	1.695
• 205-1PR5S-685	1/4	1/2-20	5/8	0.360	2.705	1.795
• 206-1PR5S-685	5/16	1/2-20	5/8	0.360	2.665	1.790
• 206-1PR5S-686	5/16	9/16-18	11/16	0.410	2.925	2.015
• 208-1PR5S-688	13/32	3/4-16	7/8	0.410	3.135	2.015
• 210-1PR5S-688	1/2	3/4-16	7/8	0.550	3.463	2.303
• 210-1PR5S-690	1/2	7/8-14	1	0.650	3.763	2.603
• 212-1PR5S-690	5/8	7/8-14	1	0.650	3.785	2.620
• 212-1PR5S-692	5/8	1-1/16-12	1-1/4	0.780	4.045	2.885
• 216-1PR5S-692	7/8	1-1/16-12	1-1/4	0.780	4.145	2.895
• 216-1PR5S-696	7/8	1-5/16-12	1-1/2	0.890	4.555	3.300

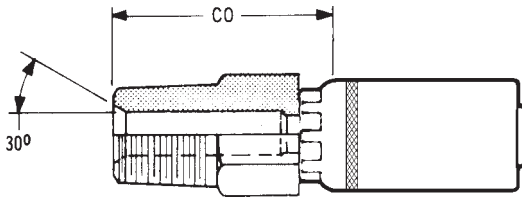
• Indicates change or new product



1P

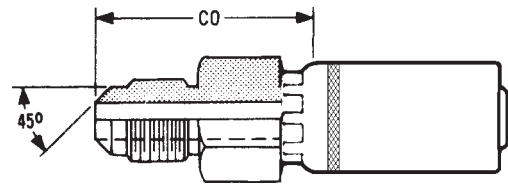
One-Piece Compression Fittings for SAE 100R1, 100R7, 100R8

**NPTF
SOLID
MALE
STEM**



Part Number	Hose I.D.	Thread	Hex	Stem I.D.	Fitting Length	-CO-Cutoff
204-1P-102	1/4	1/8-27	5/8	.156	1.784	.874
204-1P-104	1/4	1/4-18	5/8	.156	1.940	1.030
204-1P-106	1/4	3/8-18	11/16	.156	1.940	1.030
204-1P-108	1/4	1/2-14	7/8	.156	2.175	1.265
206-1P-104	3/8	1/4-18	11/16	.296	1.971	1.061
206-1P-106	3/8	3/8-18	11/16	.296	1.971	1.061
206-1P-108	3/8	1/2-14	7/8	.296	2.222	1.312
208-1P-106	1/2	3/8-18	13/16	.406	2.472	1.312
208-1P-108	1/2	1/2-14	7/8	.406	2.472	1.312
208-1P-112	1/2	3/4-14	1-1/16	.406	2.534	1.374
212-1P-108	3/4	1/2-14	1-1/8	.562	2.614	1.364
212-1P-112	3/4	3/4-14	1-1/16	.625	2.676	1.526
212-1P-116	3/4	1 - 11-1/2	1-3/8	.625	2.926	1.676
216-1P-112	1	3/4-14	1-3/8	.717	2.922	1.452
216-1P-116	1	1 - 11-1/2	1-3/8	.843	3.172	1.702

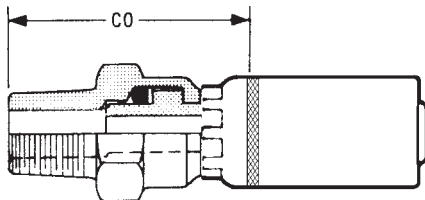
**SAE 45°
SOLID
MALE
STEM**



Part Number	Hose I.D.	Thread	Hex	Stem I.D.	Fitting Length	-CO-Cutoff
204-1P-303	1/4	3/8-24	5/8	.156	1.815	.905
204-1P-304	1/4	7/16-20	5/8	.156	1.878	.968
204-1P-305	1/4	1/2-20	5/8	.156	1.939	1.029
206-1P-306	3/8	5/8-18	11/16	.296	2.002	1.092
206-1P-308	3/8	3/4-16	11/16	.296	2.159	1.249
208-1P-308	1/2	3/4-16	13/16	.406	2.472	1.312
208-1P-310	1/2	7/8-14	7/8	.406	2.602	1.442
212-1P-312	3/4	1-1/16 - 14	1-1/8	.625	2.926	1.676

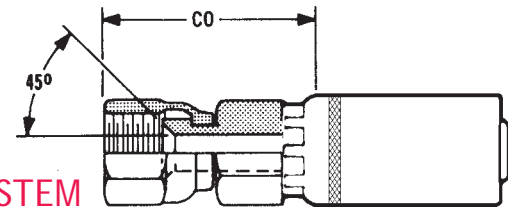
**NPTF
SWIVEL
MALE STEM**

Leakage may occur at low pressure



Part Number	Hose I.D.	Thread	Nut Hex	Stem I.D.	Fitting Length	-CO-Cutoff
204-1P-202	1/4	1/8-27	1/2	.156	2.002	1.092
204-1P-204	1/4	1/4-18	11/16	.156	2.365	1.440
204-1P-206	1/4	3/8-18	13/16	.156	2.515	1.625
204-1P-208	1/4	1/2-14	7/8	.156	2.705	1.795
206-1P-204	3/8	1/4-18	11/16	.296	2.510	1.605
206-1P-206	3/8	3/8-18	13/16	.296	2.510	1.625
206-1P-208	3/8	1/2-14	7/8	.296	2.700	1.810
208-1P-206	1/2	3/8-18	1	.406	2.755	1.605
208-1P-208	1/2	1/2-14	1	.406	2.955	1.800
212-1P-208	3/4	1/2-14	1-5/16	.625	3.125	1.890
212-1P-212	3/4	3/4-14	1-5/16	.625	3.135	1.885
216-1P-216	1	1 - 11-1/2	1-5/8	.844	3.760	2.300

**SAE 45°
SWIVEL
FEMALE STEM**

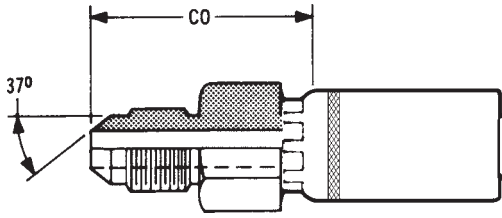


Part Number	Hose I.D.	Thread	Nut Hex	Stem Hex	Stem I.D.	Fitting Length	-CO-Cutoff
204-1P-404	1/4	7/16-20	5/8	9/16	.156	1.995	1.075
204-1P-405	1/4	1/2-20	5/8	11/16	.156	2.065	1.145
204-1P-406	1/4	5/8-18	5/8	3/4	.156	2.130	1.215
206-1P-404	3/8	7/16-20	11/16	9/16	.296	1.995	1.075
206-1P-406	3/8	5/8-18	11/16	3/4	.296	2.115	1.195
206-1P-408	3/8	3/4-16	11/16	7/8	.296	2.180	1.245
208-1P-406	1/2	5/8-18	13/16	3/4	.296	2.413	1.253
208-1P-408	1/2	3/4-16	13/16	7/8	.406	2.460	1.280
208-1P-410	1/2	7/8-14	13/16	1-1/16	.406	2.545	1.395
212-1P-410	3/4	7/8-14	1-1/16	1-1/16	.625	2.724	1.474
212-1P-412	3/4	1-1/16 - 14	1-1/16	1-1/4	.625	2.805	1.555

One-Piece Compression Fittings for SAE 100R1, 100R7, 100R8

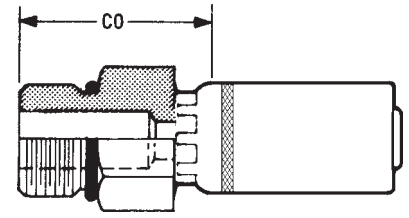


JIC 37° SOLID MALE STEM



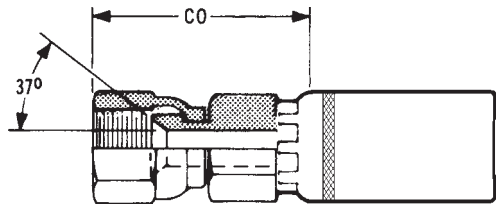
Part Number	Hose I.D.	Thread	Hex	Stem I.D.	Fitting Length	-CO-Cutoff
204-1P-504	1/4	7/16-20	5/8	.156	1.923	1.013
204-1P-505	1/4	1/2-20	5/8	.156	1.939	1.029
204-1P-506	1/4	9/16-18	5/8	.156	1.933	1.023
204-1P-507	1/4	5/8-18	5/8	.156	2.002	1.092
206-1P-506	3/8	9/16-18	11/16	.265	1.965	1.055
206-1P-508	3/8	3/4-16	3/4	.296	2.065	1.155
206-1P-510	3/8	7/8-14	7/8	.296	2.159	1.249
208-1P-508	1/2	3/4-16	13/16	.390	2.378	1.218
208-1P-510	1/2	7/8-14	7/8	.406	2.472	1.312
208-1P-512	1/2	1-1/16 - 12	1-1/16	.406	2.589	1.429
212-1P-510	3/4	7/8-14	1-1/16	.468	2.676	1.426
212-1P-512	3/4	1-1/16 - 12	1-1/8	.625	2.793	1.543
212-1P-514	3/4	1-3/16 - 12	1-1/4	.625	2.793	1.543
212-1P-516	3/4	1-5/16 - 12	1-3/8	.625	2.837	1.587
216-1P-516	1	1-5/16 - 12	1-5/8	.844	3.146	1.676
216-1P-520	1	1-5/8 - 12	1-5/8	.844	3.139	1.664

ORB SOLID MALE STEM



Part Number	Hose I.D.	Thread	Hex	Stem I.D.	Fitting Length	-CO-Cutoff
204-1P-704	1/4	7/16-20	5/8	.156	1.737	.827
204-1P-705	1/4	1/2-20	5/8	.156	1.737	.827
204-1P-706	1/4	9/16-18	11/16	.156	1.769	.859
206-1P-704	3/8	7/16-20	11/16	.250	1.769	.859
206-1P-705	3/8	1/2-20	11/16	.296	1.769	.859
206-1P-706	3/8	9/16-18	3/4	.296	1.862	.952
206-1P-708	3/8	3/4-16	7/8	.296	1.937	1.027
206-1P-710	3/8	7/8-14	1	.296	1.972	1.062
206-1P-712	3/8	1-1/16-12	1-1/4	.296	2.128	1.218
208-1P-708	1/2	3/4-16	7/8	.406	2.160	1.000
208-1P-710	1/2	7/8-14	1	.406	2.222	1.062
208-1P-712	1/2	1-1/16 - 12	1-1/4	.406	2.348	1.188
212-1P-710	3/4	7/8-14	1-1/16	.625	2.333	1.083
212-1P-712	3/4	1-1/16 - 12	1-1/4	.625	2.520	1.270
212-1P-714	3/4	1-3/16 - 12	1-3/8	.625	2.520	1.270
212-1P-716	3/4	1-5/16 - 12	1-1/2	.625	2.520	1.270
216-1P-712	1	1-1/16 - 12	1-3/8	.844	2.829	1.359
216-1P-714	1	1-3/16 - 12	1-3/8	.844	2.829	1.359
216-1P-716	1	1-5/16 - 12	1-1/2	.844	2.829	1.359

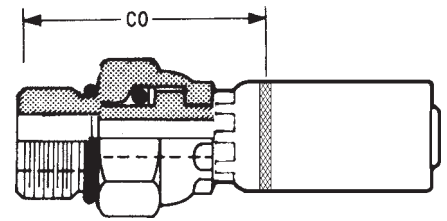
JIC 37° SWIVEL FEMALE STEM



Part Number	Hose I.D.	Thread	Stem Hex	Nut Hex	Stem I.D.	Fitting Length	-CO-Cutoff
204-1P-603	3/16	3/8-24	5/8	1/2	.156	1.983	1.073
204-1P-604	1/4	7/16-20	5/8	9/16	.156	1.995	1.070
204-1P-605	1/4	1/2-20	5/8	11/16	.156	2.050	1.125
204-1P-606	1/4	9/16-18	5/8	3/4	.156	2.035	1.120
206-1P-604	3/8	7/16-20	11/16	9/16	.171	1.984	1.074
206-1P-606	3/8	9/16-18	11/16	3/4	.296	2.030	1.105
206-1P-608	3/8	3/4-16	11/16	7/8	.296	2.165	1.245
206-1P-610	3/8	7/8-14	13/16	1-1/16	.296	2.245	1.345
208-1P-606	1/2	9/16-18	13/16	3/4	.296	2.340	1.165
208-1P-608	1/2	3/4-16	13/16	7/8	.406	2.470	1.310
208-1P-610	1/2	7/8-14	13/16	1-1/16	.406	2.530	1.370
208-1P-612	1/2	1-1/16 - 12	1	1-1/4	.406	2.655	1.505
212-1P-610	3/4	7/8-14	1-1/16	1-1/16	.500	2.745	1.490
212-1P-612	3/4	1-1/16 - 12	1-1/16	1-1/4	.625	2.810	1.570
212-1P-614	3/4	1-3/16 - 12	1-1/8	1-3/8	.625	2.830	1.585
212-1P-616	3/4	1-5/16 - 12	1-1/4	1-1/2	.625	2.920	1.700
216-1P-612	1	1-1/16 - 12	1-3/8	1-1/4	.718	3.040	1.580
216-1P-614	1	1-3/16 - 12	1-3/8	1-3/8	.844	3.055	1.600
216-1P-616	1	1-5/16 - 12	1-3/8	1-1/2	.844	3.175	1.720
216-1P-620	1	1-5/8 - 12	1-1/2	2	.844	3.175	1.825

ORB SWIVEL MALE STEM

Leakage may occur at low pressure



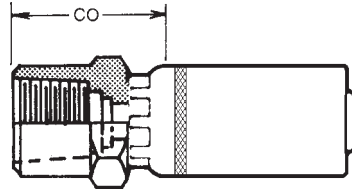
Part Number	Hose I.D.	Thread	Nut Hex	Stem I.D.	Fitting Length	-CO-Cutoff
204-1P-804	1/4	7/16-20	11/16	.156	2.260	1.340
204-1P-805	1/4	1/2-20	11/16	.156	2.260	1.340
204-1P-806	1/4	9/16-18	11/16	.156	2.270	1.365
206-1P-806	3/8	9/16-18	11/16	.296	2.320	1.405
206-1P-808	3/8	3/4-16	7/8	.296	2.275	1.365
206-1P-810	3/8	7/8-14	1	.296	2.485	1.570
208-1P-808	1/2	3/4-16	1	.406	2.650	1.500
208-1P-810	1/2	7/8-14	1	.406	2.695	1.535
212-1P-812	3/4	1-1/16 - 12	1-5/16	.625	3.125	1.890
212-1P-814	3/4	1-3/16 - 12	1-5/16	.625	2.960	1.720



1P

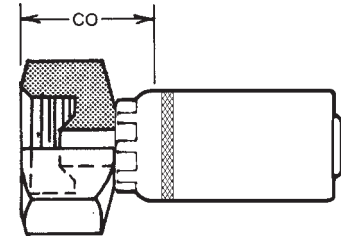
One-Piece Compression Fittings for SAE 100R1, 100R7, 100R8

NPTF SOLID FEMALE STEM



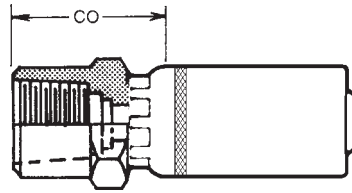
Part Number	Hose I.D.	Thread	Nut Hex	Stem I.D.	Fitting Length	-CO-Cutoff
204-1P-902	1/4	1/8-27	5/8	.156	1.784	.874
204-1P-904	1/4	1/4-18	11/16	.156	1.784	.874
204-1P-906	1/4	3/8-18	13/16	.156	1.972	1.782
206-1P-904	3/8	1/4-18	11/16	.296	1.784	.874
206-1P-906	3/8	3/8-18	13/16	.296	1.847	.937
206-1P-908	3/8	1/2-14	1	.296	2.050	1.140
208-1P-906	1/2	3/8-18	13/16	.406	2.050	1.140
208-1P-908	1/2	1/2-14	1	.406	2.300	1.140
212-1P-912	3/4	3/4-14	1-1/4	.625	2.676	1.426
216-1P-916	1	1 - 11-1/2	1-1/2	.844	3.031	1.561

45° SOLID FEMALE INVERTED FLARE STEM



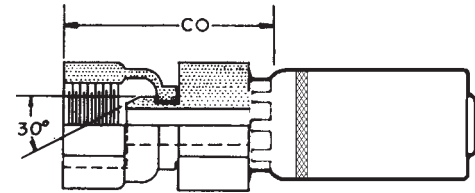
Part Number	Hose I.D.	Thread	Hex	Stem I.D.	Fitting Length	-CO-Cutoff
204-1P-904 IF	1/4	7/16-24	11/16	.156	1.597	.687
204-1P-905 IF	1/4	1/2-20	11/16	.156	1.597	.687
204-1P-906 IF	1/4	5/8-18	3/4	.156	1.597	.687
206-1P-906 IF	3/8	5/8-18	3/4	.296	1.532	.622

SOLID FEMALE GREASE FITTING STEM



Part Number	Hose I.D.	Thread	Nut Hex	Stem I.D.	Fitting Length	-CO-Cutoff
204-1PSP-908	1/4	1/2-27	1-1/16	.156	1.784	.874
206-1PSP-908	3/8	1/2-27	1-1/16	.296	1.784	.874

NPSM SWIVEL FEMALE STEM

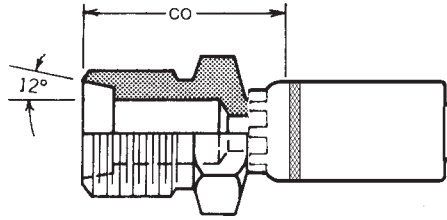


Part Number	Hose I.D.	Thread	Stem Hex	Nut Hex	Stem I.D.	Fitting Length	-CO-Cutoff
204-1P-4 FPX	1/4	1/4-18	5/8	11/16	.156	1.937	1.027
204-1P-6 FPX	1/4	3/8-18	5/8	7/8	.156	2.040	1.143
206-1P-4 FPX	3/8	1/4-18	11/16	11/16	.250	1.960	1.079
206-1P-6 FPX	3/8	3/8-18	11/16	7/8	.296	2.062	1.153
208-1P-8 FPX	1/2	1/2-14	13/16	1	.406	2.390	1.230
212-1P-12 FPX	3/4	3/4-14	1-1/16	1-1/4	.625	2.769	1.519
216-1P-16 FPX	1	1 - 11-1/2	1-3/8	1-1/2	.843	2.980	1.520

One-Piece Compression Fittings for SAE 100R1, 100R7, 100R8

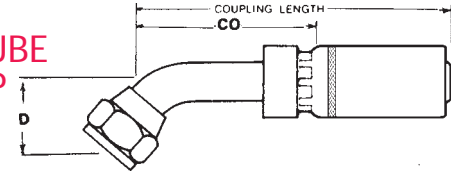


MALE FLARELESS STEM



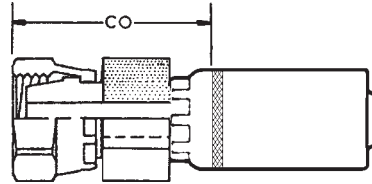
Part Number	Hose I.D.	Thread	Hex	Stem I.D.	Fitting Length	-CO-Cutoff
204-1P-E04	1/4	7/16-20	5/8	.156	1.831	.921
204-1P-E06	1/4	9/16-18	5/8	.156	1.847	.937
206-1P-E05	3/8	1/2-20	11/16	.234	1.863	.953
206-1P-E06	3/8	9/16-18	11/16	.296	1.879	.969
206-1P-E08	3/8	3/4-16	13/16	.296	1.971	1.061
208-1P-E08	1/2	3/4-16	13/16	.406	2.285	1.125
208-1P-E10	1/2	7/8-14	1	.406	2.348	1.188

SAE 45° SWIVEL FEMALE ONE-PIECE 45° BENT TUBE SHORT DROP



Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
206-1PS-486	3/8	5/16-18	3/4	.410	2.925	2.015
206-1PS-488	3/8	3/4-16	7/8	.550	3.285	2.365

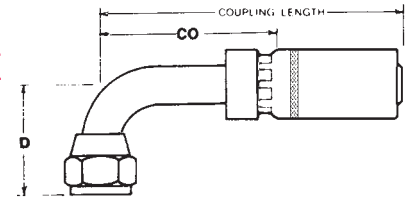
SWIVEL FEMALE FLARELESS 24° CONE



For Flareless Sleeve and Nut

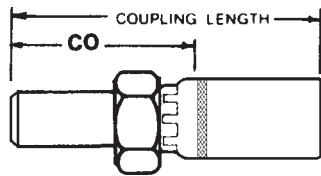
Part Number	Hose I.D.	Thread	Stem Hex	Nut Hex	Stem I.D.	Fitting Length	-CO-Cutoff
204-1PMFX-4	1/4	7/16-20	5/8	9/16	.156	2.122	1.237
204-1PMFX-5	1/4	1/2-20	5/8	11/16	.156		
206-1PMFX-6	3/8	9/16-18	11/16	3/4	.296		
206-1PMFX-8	3/8	3/4-16	11/16	7/8	.296		
208-1PMFX-8	1/2	3/4-16	13/16	7/8	.406		
208-1PMFX-10	1/2	7/8-14	13/16	1-1/16	.406		
208-1PMFX-11	1/2	15/16-16	1	1-1/8	.406		
212-1PMFX-12	3/4	1-1/16-12	1-1/16	1-1/4	.625	3.017	1.777
216-1PMFX-16	1	1-5/16-12	1-3/8	1-1/2	.844	3.487	2.032
216-1PMFXSP-16	1	1-5/16-16	1-3/8	1-1/2	.844	3.487	2.032

SAE 45° SWIVEL FEMALE STEM 90° BENT TUBE SHORT DROP



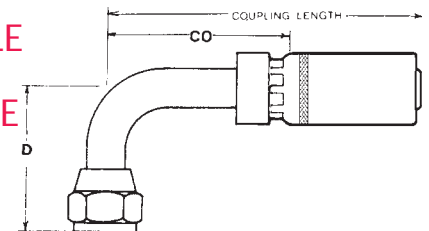
Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
206-1PS-466	3/8	5/8-18	3/4	.850	2.575	1.665
206-1PS-468	3/8	3/4-16	7/8	1.170	2.670	1.760
208-1PS-468	1/2	3/4-16	7/8	1.090	2.780	1.620

INCH STAND PIPE



Part Number	Hose I.D.	Tube O.D.	Tube Length	Fitting Length	-CO-Cutoff
204-1PST-4	1/4	1/4	.750	2.222	1.312
204-1PST-6	1/4	3/8	.875	2.347	1.437
406-1PST-6	3/8	3/8	.875	2.472	1.562
406-1PST-8	3/8	1/2	1.000	2.597	1.687
408-1PST-8	1/2	1/2	1.000	2.847	1.687
408-1PST-10	1/2	5/8	1.000	2.847	1.687
410-1PST-12	5/8	3/4	1.125	3.003	1.843
412-1PST-12	3/4	3/4	1.125	3.691	1.836
416-1PST-16	1	1	1.250	4.050	2.000

SAE 45° SWIVEL FEMALE ONE-PIECE 90° BENT TUBE MEDIUM DROP



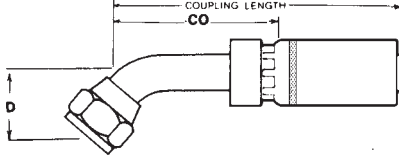
Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
204-1PM-464	1/4	7/16-20	9/16	.880	2.335	1.425
206-1PM-466	3/8	5/8-18	3/4	1.160	2.675	1.765



1P

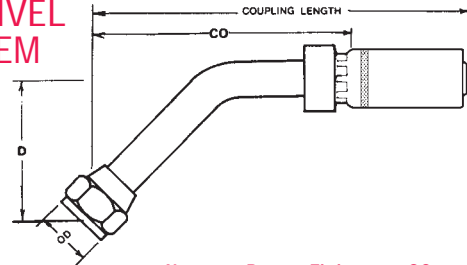
One-Piece Compression Fittings for SAE 100R1, 100R7, 100R8

JIC 37° SWIVEL FEMALE STEM 45° BENT TUBE SHORT DROP



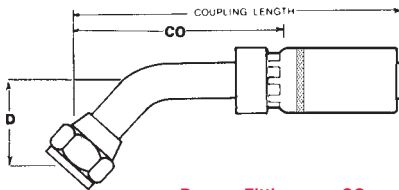
Part Number	Hose I.D.	Thread	Hex	-D-Drop	Fitting Length	-CO-Cutoff
204-1PS-684	1/4	7/16-20	9/16	.330	2.605	1.695
204-1PS-685	1/4	1/2-20	5/8	.360	2.705	1.795
204-1PS-686	1/4	9/16-18	11/16	.410	2.925	2.010
206-1PS-686	3/8	9/16-18	11/16	.410	2.925	2.015
206-1PS-688	3/8	3/4-16	7/8	.550	3.275	2.240
208-1PS-688	1/2	3/4-16	7/8	.550	3.463	2.303
208-1PS-690	1/2	7/8-14	1	.650	3.763	2.603
212-1PS-692	3/4	1-1/16 - 12	1-1/4	.780	4.145	2.895
212-1PS-694	3/4	1-3/16 - 12	1-3/8	.860	4.405	3.150
212-1PS-696	3/4	1-5/16 - 12	1-1/2	.890	4.555	3.300
216-1PS-692	1	1-1/16 - 12	1-1/4	.780	4.430	2.960
216-1PS-696	1	1-5/16 - 12	1-1/2	.890	4.430	2.960

JIC 37° SWIVEL FEMALE STEM 45° BENT TUBE LONG DROP



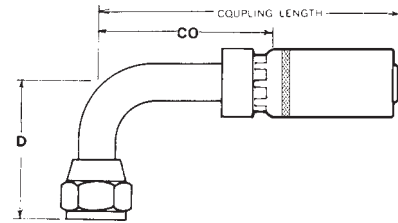
Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
208-1PL-688	1/2	3/4-16	7/8	.700	3.623	2.500
208-1PL-690	1/2	7/8-14	1	.880	3.863	2.700
216-1PL-696	1	1-5/16 - 12	1-1/2	1.330	4.960	3.490

JIC 37° SWIVEL FEMALE STEM 45° BENT TUBE MEDIUM DROP



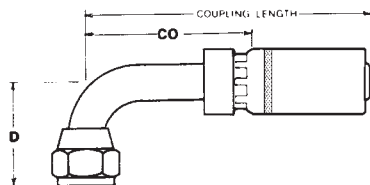
Part Number	Hose I.D.	Thread	Hex	-D-Drop	Fitting Length	-CO-Cutoff
204-1PM-684	1/4	7/16-20	9/16	.470	2.605	1.690
204-1PM-685	1/4	1/2-20	5/8	.590	2.705	1.790
204-1PM-686	1/4	9/16-18	11/16	.590	2.925	2.010
206-1PM-686	3/8	9/16-18	11/16	.590	2.925	2.015
206-1PM-688	3/8	3/4-16	7/8	.690	3.275	2.200
208-1PM-688	1/2	3/4-16	7/8	.690	3.463	2.303
208-1PM-690	1/2	7/8-14	1	.780	3.763	2.600
212-1PM-690	3/4	7/8-14	1	.780	3.895	2.640
212-1PM-692	3/4	1-1/16 - 12	1-1/4	1.060	4.145	2.895
212-1PM-696	3/4	1-5/16 - 12	1-1/2	1.160	4.565	3.310
216-1PM-696	1	1-5/16 - 12	1-1/2	1.160	4.780	3.315

JIC 37° SWIVEL FEMALE STEM 90° BENT TUBE MEDIUM DROP



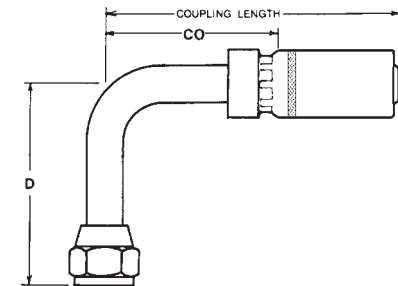
Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
204-1PM-664	1/4	7/16-20	9/16	.880	2.335	1.425
204-1PM-665	1/4	1/2-20	5/8	1.130	2.425	1.515
204-1PM-666	1/4	9/16-18	11/16	1.130	2.575	1.670
206-1PM-666	3/8	9/16-18	11/16	1.130	2.575	1.670
206-1PM-668	3/8	3/4-16	7/8	1.380	2.795	1.885
208-1PM-668	1/2	3/4-16	7/8	1.380	2.983	1.823
208-1PM-670	1/2	7/8-14	1	1.750	3.283	2.123
212-1PM-670	3/4	7/8-14	1	1.750	3.415	2.160
212-1PM-672	3/4	1-1/16 - 12	1-1/4	2.060	4.005	2.755
212-1PM-676	3/4	1-5/16 - 12	1-3/8	2.620	4.495	3.240
216-1PM-676	1	1-5/16 - 12	1-3/8	2.620	4.720	3.250
216-1PM-678	1	1-5/8 - 12	1-1/2	3.400	5.850	4.400

JIC 37° SWIVEL FEMALE STEM 90° BENT TUBE SHORT DROP



Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
204-1PS-664	1/4	7/16-20	9/16	.780	2.335	1.425
204-1PS-665	1/4	1/2-20	5/8	.900	2.425	1.510
204-1PS-666	1/4	9/16-18	11/16	.850	2.575	1.665
206-1PS-666	3/8	9/16-18	11/16	.850	2.575	1.670
206-1PS-668	3/8	3/4-16	7/8	1.170	2.670	1.755
208-1PS-666	1/2	9/16-18	11/16	.980	2.873	1.740
208-1PS-668	1/2	3/4-16	7/8	1.170	2.920	1.760
208-1PS-670	1/2	7/8-14	1	1.320	3.283	2.123
212-1PS-670	3/4	7/8-14	1	1.320	3.415	2.160
212-1PS-672	3/4	1-1/16 - 12	1-1/4	1.870	4.005	2.755
212-1PS-674	3/4	1-3/16 - 12	1-3/8	2.000	4.375	3.120
212-1PS-676	3/4	1-5/16 - 12	1-1/2	2.240	4.500	3.250
216-1PS-676	1	1-5/16 - 12	1-1/2	2.240	4.720	3.250

JIC 37° SWIVEL FEMALE STEM 90° BENT TUBE LONG DROP

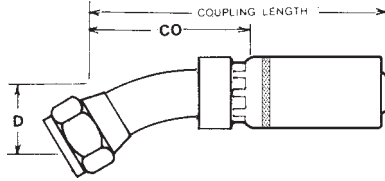


Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
204-1PL-664	1/4	7/16-20	9/16	1.800	2.335	1.425
204-1PL-665	1/4	1/2-20	5/8	1.800	2.425	1.515
204-1PL-666	1/4	9/16-18	11/16	2.180	2.585	1.675
206-1PL-666	3/8	9/16-18	11/16	2.180	2.575	1.665
206-1PL-668	3/8	3/4-16	7/8	2.430	2.795	1.880
208-1PL-668	1/2	3/4-16	7/8	2.430	2.983	1.823
208-1PL-670	1/2	7/8-14	1	2.570	3.283	2.123
208-1PL-672	1/2	1-1/16-12	1-1/4	3.730	3.893	2.730
212-1PL-672	3/4	1-1/16 - 12	1-1/4	3.730	4.005	2.755
212-1PL-674	3/4	1-3/16 - 12	1-3/8	3.930	4.135	2.885
212-1PL-676	3/4	1-5/16 - 12	1-1/2	4.330	4.495	3.240
216-1PL-674	1	1-3/16 - 12	1-3/8	3.930	4.370	2.890
216-1PL-676	1	1-5/16 - 12	1-1/2	4.330	4.720	3.250

One-Piece Compression Fittings for SAE 100R1, 100R7, 100R8

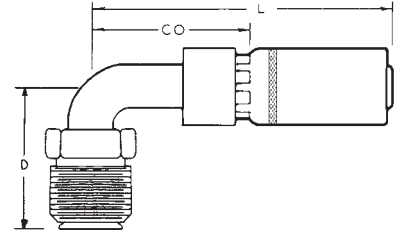


JIC 37° SWIVEL
FEMALE STEM
30° BENT TUBE
SHORT DROP



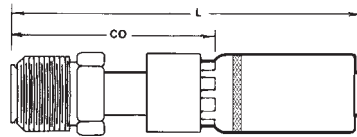
Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
210-1PS-622	5/8	1-1/16 - 12	1-1/4	.480	3.655	2.49

SAE 45° MALE
INVERTED
SWIVEL STEM
90° BENT TUBE



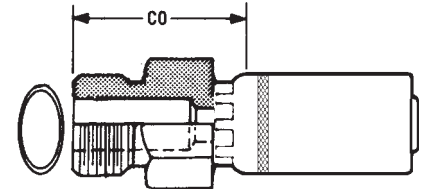
Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
204-1P-B63	1/4	3/8-24	3/8	.970	2.215	1.300
204-1P-B64	1/4	7/16-24	7/16	1.100	2.415	1.505
204-1P-B65	1/4	1/2-20	1/2	1.280	2.595	1.680
206-1P-B64	3/8	7/16-24	7/16	1.100	2.415	1.500
206-1P-B65	3/8	1/2-20	1/2	1.280	2.595	1.680
206-1P-B66	3/8	5/8-18	5/8	1.450	2.765	1.855
206-1P-B67	3/8	11/16-18	11/16	1.600	2.915	2.005
206-1P-B68	3/8	3/4-18	3/4	1.780	3.095	2.180
208-1P-B68	1/2	3/4-18	3/4	1.780	3.343	2.185
208-1P-B70	1/2	7/8-18	7/8	2.090	3.593	2.430

SAE 45° MALE
INVERTED
SWIVEL STEM
STRAIGHT
TUBE



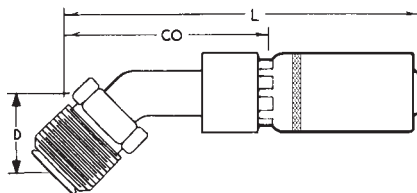
Part Number	Hose I.D.	Thread	Nut Hex	Fitting Length	-CO-Cutoff
204-1P-B03	1/4	3/8-24	3/8	2.415	1.505
204-1P-B04	1/4	7/16-24	7/16	2.475	1.565
204-1P-B05	1/4	1/2-20	1/2	2.595	1.685
206-1P-B04	3/8	7/16-24	7/16	2.475	1.565
206-1P-B05	3/8	1/2-20	1/2	2.595	1.685
206-1P-B06	3/8	5/8-18	5/8	2.635	1.725
206-1P-B07	3/8	11/16-18	11/16	2.715	1.805
206-1P-B08	3/8	3/4-18	3/4	2.835	1.925
208-1P-B06	1/2	5/8-18	5/8	2.883	1.723
208-1P-B08	1/2	3/4-18	3/4	3.083	1.923
208-1P-B10	1/2	7/8-18	7/8	3.143	1.983

SOLID MALE
FLAT FACE
O-RING
SEAL STEM



Part Number	Hose I.D.	Thread	Hex	Stem I.D.	Fitting Length	-CO-Cutoff	"O" Ring Part No.
204-1PFS-04	1/4	9/16-18	5/8	.156	1.764	.850	4 ORFS
204-1PFS-06	1/4	11/16-16	3/4	.156	1.850	.940	6 ORFS
206-1PFS-04	3/8	6/16-18	3/4	.265	1.858	.948	4 ORFS
206-1PFS-06	3/8	11/16-16	3/4	.265	1.850	.940	6 ORFS
206-1PFS-08	3/8	13/16-16	7/8	.265	1.976	1.066	8 ORFS
208-1PFS-06	1/2	11/16-16	7/8	.375	2.163	1.003	6 ORFS
208-1PFS-08	1/2	13/16-16	7/8	.375	2.226	1.065	8 ORFS
208-1PFS-10	1/2	1-14	1	.406	2.363	1.203	10 ORFS
208-1PFS-12	1/2	1-3/16-12	1-1/4	.406	2.454	1.294	12 ORFS
412-1PFS-10	3/4	1-14	1-1/4	.609	3.141	1.286	10 ORFS
412-1PFS-12	3/4	1-3/16-12	1-1/4	.609	3.201	1.345	12 ORFS
416-1PFS-16	1	1-7/16-12	1-1/2	.812	3.504	1.455	16 ORFS

SAE 45° MALE
INVERTED
SWIVEL STEM
45° BENT
TUBE



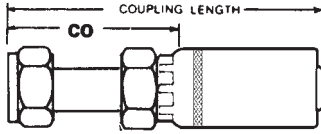
Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
204-1P-B43	1/4	3/8-24	3/8	.530	2.525	1.615
204-1P-B44	1/4	7/16-24	7/16	.570	2.695	1.780
204-1P-B45	1/4	1/2-20	1/2	.650	2.885	1.975
206-1P-B44	3/8	7/16-24	7/16	.570	2.695	1.780
206-1P-B45	3/8	1/2-20	1/2	.650	2.885	1.975
206-1P-B46	3/8	5/8-18	5/8	.710	3.035	2.125
206-1P-B47	3/8	11/16-18	11/16	.760	3.161	2.240
206-1P-B48	3/8	3/4-18	3/4	.850	3.365	2.450
208-1P-B48	1/2	3/4-18	3/4	.850	3.613	2.515
208-1P-B50	1/2	7/8-18	7/8	.960	3.823	2.660



1P

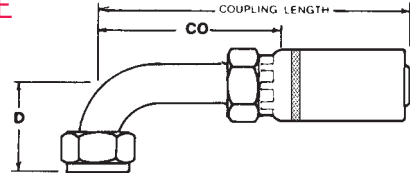
One-Piece Compression Fittings for SAE 100R1, 100R7, 100R8

SWIVEL FEMALE
FLAT FACE
O-RING SEAL
STEM STRAIGHT



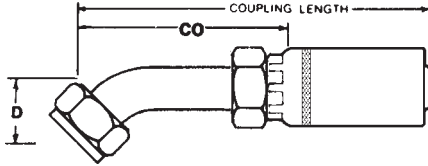
Part Number	Hose I.D.	Thread	Nut Hex	Stem Hex	Fitting Length	-CO-Cutoff
204-1PFSX-04	1/4	9/16-18	5/8	11/16	1.702	.792
204-1PFSX-06	1/4	11/16-16	5/8	13/16	1.727	.817
206-1PFSX-04	3/8	9/16-18	11/16	11/16	1.702	.792
206-1PFSX-06	3/8	11/16-16	11/16	13/16	1.727	.817
206-1PFSX-08	3/8	13/16-16	3/4	15/16	1.764	.854
208-1PFSX-06	1/2	11/16-16	7/8	13/16	1.977	.817
208-1PFSX-08	1/2	13/16-16	13/16	15/16	2.062	.902
208-1PFSX-10	1/2	1 - 14	7/8	1-1/8	2.079	.919
208-1PFSX-12	1/2	1-3/16 - 12	1-1/8	1-3/8	2.092	.932
412-1PFSX-08	3/4	13/16-16	1-1/16	15/16	2.856	1.001
412-1PFSX-10	3/4	1 - 14	1-1/16	1-1/8	2.874	1.019
412-1PFSX-12	3/4	1-3/16 - 12	1-1/16	1-3/8	2.887	1.032
412-1PFSX-16	3/4	1-7/16 - 12	1-3/8	1-5/8	3.022	1.167
416-1PFSX-16	1	1-7/16 - 12	1-3/8	1-5/8	3.243	1.193
416-1PFSX-20	1	1-11/16-12	1-1/2	1-7/8	4.050	2.000

SWIVEL FEMALE
FLAT FACE
O-RING SEAL
STEM 90°
SHORT DROP



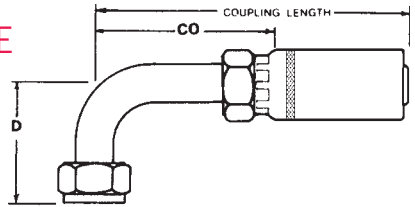
Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
204-1PFSX-A24	1/4	9/16-18	11/16	.820	2.425	1.550
204-1PFSX-A26	3/8	11/16-16	13/16	.900	2.850	1.985
206-1PFSX-A24	3/8	9/16-18	11/16	.820	2.460	1.550
206-1PFSX-A26	3/8	11/16-16	13/16	.900	2.750	1.840
206-1PFSX-A28	3/8	13/16-16	15/16	1.150	3.170	2.230
208-1PFSX-A28	1/2	13/16-16	15/16	1.150	2.260	2.215
208-1PFSX-A30	1/2	1-14	1-1/8	1.490	3.010	1.850
412-1PFSX-A30	3/4	1-14	1-1/8	1.270	4.750	2.850
412-1PFSX-A32	3/4	1-3/16 - 12	1-3/8	1.880	4.705	2.850
416-1PFSX-A36	1	1-7/16 - 12	1-5/8	2.200	5.875	3.825

SWIVEL FEMALE
FLAT FACE
O-RING SEAL
STEM 45°



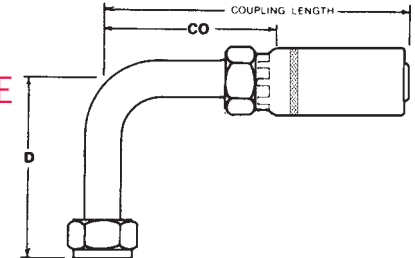
Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
204-1PFSX-L64	1/4	9/16-18	11/16	.410	2.450	1.575
206-1PFSX-L64	3/8	9/16-18	11/16	.410	2.610	1.700
206-1PFSX-L66	3/8	11/16-16	13/16	.430	2.750	1.840
206-1PFSX-L68	3/8	13/16-16	15/16	.590	3.100	2.190
208-1PFSX-L68	1/2	13/16-16	15/16	.590	3.350	2.190
208-1PFSX-L70	1/2	1-1/4	1-1/8	.650	3.750	2.590
412-1PFSX-L72	3/4	1-3/16-12	1-3/8	.830	4.525	2.670
416-1PFSX-L76	1	1-7/16 - 12	1-5/8	.940	5.625	3.575
416-1PFSX-L80	1	1-11/16-12	1-7/8	1.000	5.625	3.575

SWIVEL FEMALE
FLAT FACE
O-RING SEAL
STEM 90°
MEDIUM DROP



Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
204-1PFSX-J34	1/4	9/16-18	11/16	1.260	2.450	1.550
204-1PFSX-J36	1/4	11/16-16	13/16	1.500	2.850	1.985
206-1PFSX-J36	3/8	11/16-16	13/16	1.500	2.850	1.940
208-1PFSX-J38	1/2	13/16-16	15/16	1.620	3.460	2.300
208-1PFSX-J40	1/2	1 - 14	1-1/8	1.850	3.240	2.319
412-1PFSX-J42	3/4	1-3/16 - 12	1-3/8	2.280	4.575	2.720
416-1PFSX-J46	1	1-7/16 - 12	1-5/8	2.780	5.625	3.550

SWIVEL FEMALE
FLAT FACE
O-RING SEAL
STEM 90°
LONG DROP

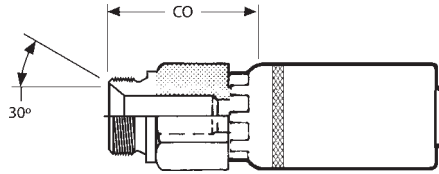


Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
204-1PFSX-A64	1/4	9/16-18	11/16	1.800	2.450	1.575
206-1PFSX-A66	3/8	11/16-16	13/16	2.130	2.875	1.965
206-1PFSX-A68	3/8	13/16 - 16	15/16	2.520	3.200	2.290
208-1PFSX-A68	1/2	13/16 - 16	15/16	2.500	3.450	2.300
412-1PFSX-A72	3/4	1-3/16 - 12	1-3/8	3.780	4.550	2.750
416-1PFSX-A76	1	1-7/16 - 12	1-5/8	4.500	5.590	3.540

One-Piece British Standard and Metric Fittings for SAE 100R1, 100R7, 100R8

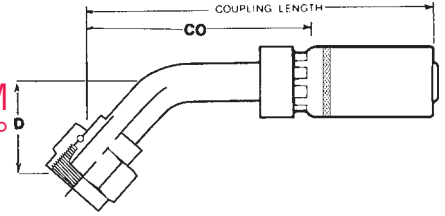


BRITISH STANDARD PARALLEL PIPE BSPP SOLID MALE STEM 30° SEAT



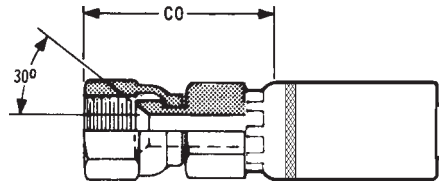
Part Number	Hose I.D.	Thread	Hex	Fitting Length	-CO-Cutoff
204-1PBP-104	1/4	1/4-19	3/4	1.891	.981
206-1PBP-106	3/8	3/8-19	7/8	1.981	1.071
206-1PBP-108	3/8	1/2-14	1-1/16	2.142	1.232
208-1PBP-108	1/2	1/2-14	1-1/16	2.392	1.232
208-1PBP-110	1/2	5/8-14	1-1/8	2.542	1.382
412-1PBP-112	3/4	3/4-14	1-1/4	3.281	1.426
412-1PBP-116	3/4	1-11	1-5/8	3.394	1.539
416-1PBP-116	1	1-11	1-5/8	3.645	1.595

BSPP SWIVEL FEMALE STEM 30° CONE 45° BENT TUBE



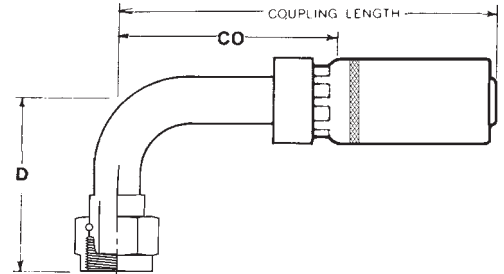
Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
204-1PBPX-4 45	1/4	1/4-19	11/16	.500	2.565	1.690
204-1PBPX-6 45	1/4	3/8-19	7/8	.625	2.885	2.010
206-1PBPX-6 45	3/8	3/8-19	7/8	.625	2.885	2.010
206-1PBPX-8 45	3/8	1/2-14	1	.944	3.075	2.200
208-1PBPX-8 45	1/2	1/2-14	1	.750	3.137	2.200
208-1PBPX-10 45	1/2	5/8-14	1-1/16	1.125	3.387	2.450
412-1PBPX-12 45	3/4	3/4-14	1-1/4	1.125	4.755	2.900
412-1PBPX-16 45	3/4	1-14	1-1/2	1.427	5.139	3.284
416-1PBPX-16 45	1	1-11	1-1/2	1.250	5.360	3.310
416-1PBPX-20 45	1	1-1/4-11	1-7/8	1.500	5.750	3.700

JIS SWIVEL FEMALE STEM 30° SEAT



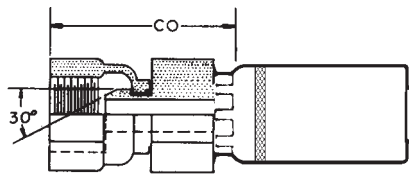
Part Number	Hose I.D.	Thread	Nut Hex	Stem Hex	Fitting Length	-CO-Cutoff
204-1PBP-604	1/4	1/4-19	11/16	5/8	1.937	1.027
206-1PBP-606	3/8	3/8-19	7/8	11/16	2.033	1.123
208-1PBP-608	1/2	1/2-14	1	13/16	2.378	1.218
412-1PBP-612	3/4	3/4-14	1-1/4	1-1/16	3.344	1.489
416-1PBP-616	1	1-11	1-1/2	1-3/8	3.565	1.515

BSPP SWIVEL FEMALE STEM 30° CONE 90° BENT TUBE



Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
204-1PBPX-4 90	1/4	1/4-19	11/16	1.625	2.390	1.515
204-1PBPX-6 90	1/4	3/8-19	7/8	1.625	2.540	1.665
206-1PBPX-6 90	3/8	3/8-19	7/8	1.625	2.540	1.665
206-1PBPX-8 90	3/8	1/2-14	1	1.750	2.755	1.880
208-1PBPX-8 90	1/2	1/2-14	1	1.750	2.817	1.880
208-1PBPX-10 90	1/2	5/8-14	1-1/16	2.000	3.057	2.120
412-1PBPX-12 90	3/4	3/4-14	1-1/4	2.250	4.610	2.755
412-1PBPX-16 90	3/4	1-14	1-1/2	2.875	4.719	2.864
416-1PBPX-16 90	1	1-11	1-1/2	2.250	4.940	2.890
416-1PBPX-20 90	1	1-1/4-11	1-7/8	3.000	6.803	4.753

BRITISH STANDARD PARALLEL PIPE BSPP SWIVEL FEMALE STEM 30° CONE



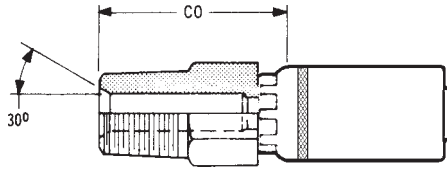
Part Number	Hose I.D.	Thread	Nut Hex	Stem Hex	Fitting Length	-CO-Cutoff
204-1PBPX-4	1/4	1/4-19	11/16	5/8	1.939	1.029
204-1PBPX-6	1/4	3/8-19	7/8	5/8	2.033	1.123
206-1PBPX-6	3/8	3/8-19	7/8	11/16	2.033	1.123
206-1PBPX-8	3/8	1/2-14	1	13/16	2.127	1.217
208-1PBPX-8	1/2	1/2-14	1	13/16	2.377	1.217
208-1PBPX-10	1/2	5/8-14	1-1/16	13/16	2.464	1.304
412-1PBPX-12	3/4	3/4-14	1-1/4	1-1/16	3.344	1.489
412-1PBPX-16	3/4	1-11	1-1/2	1-1/4	3.344	1.489
416-1PBPX-16	1	1-11	1-1/2	1-3/8	3.565	1.515



1P

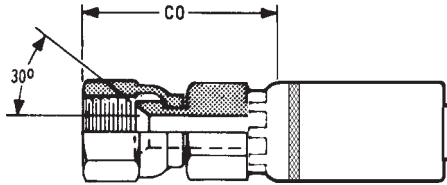
One-Piece British Standard and Metric Fittings for SAE 100R1, 100R7, 100R8

BRITISH STANDARD TAPERED PIPE BSPT SOLID MALE STEM 30° SEAT



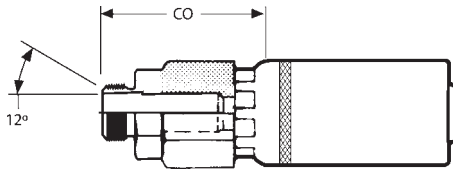
Part Number	Hose I.D.	Thread	Hex	Fitting Length	-CO-Cutoff
204-1PBT-104	1/4	1/4-19	5/8	1.875	.965
204-1PBT-106	1/4	3/8-19	11/16	1.875	.965
206-1PBT-106	3/8	3/8-19	11/16	1.906	.996
208-1PBT-108	1/2	1/2-14	7/8	2.316	1.156
412-1PBT-112	3/4	3/4-14	1-1/16	3.197	1.342
416-1PBT-116	1	1-11	1-3/8	3.603	1.553

KOMATSU SWIVEL FEMALE STEM 30° SEAT



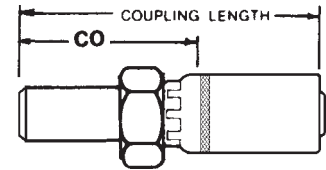
Part Number	Hose I.D.	Thread	Nut Hex	Stem Hex	Fitting Length	-CO-Cutoff
204-1PKU-614	1/4	14MM x 1.5	3/4	5/8	2.035	1.125
204-1PKU-618	1/4	18MM x 1.5	7/8	11/16	2.158	1.248
206-1PKU-618	3/8	18MM x 1.5	7/8	11/16	2.158	1.248
208-1PKU-622	1/2	22MM x 1.5	1-1/16	13/16	2.545	1.385
208-1PKU-624	1/2	24MM x 1.5	1-1/4	1	2.631	1.471
412-1PKU-630	3/4	30MM x 1.5	1-1/2	1-1/4	3.584	1.729
416-1PKU-633	1	33MM x 1.5	1-5/8	1-3/8	3.805	1.755

SOLID MALE STEM DIN 20078 LIGHT 12° SEAT



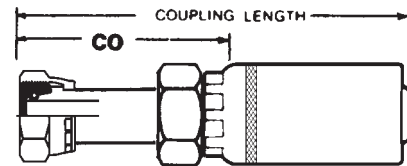
Part Number	Hose I.D.	Thread	Hex	Fitting Length	-CO-Cutoff
204-1PDL-112	1/4	12MM x 1.5	1/2	1.793	.883
204-1PDL-114	1/4	14MM x 1.5	5/8	1.793	.883
204-1PDL-116	1/4	16MM x 1.5	11/16	1.793	.883
206-1PDL-116	3/8	16MM x 1.5	11/16	1.824	.914
206-1PDL-118	3/8	18MM x 1.5	3/4	1.824	.914
206-1PDL-122	3/8	22MM x 1.5	7/8	1.910	1.000
208-1PDL-122	1/2	22MM x 1.5	7/8	2.222	1.062
208-1PDL-126	1/2	26MM x 1.5	1-1/16	2.222	1.062
412-1PDL-126	3/4	26MM x 1.5	1-1/16	3.031	1.176
412-1PDL-130	3/4	30MM x 2	1-1/4	3.081	1.226
412-1PDL-136	3/4	36MM x 2	1-1/2	3.231	1.376
416-1PDL-136	1	36MM x 2	1-1/2	3.515	1.465

METRIC STAND PIPE



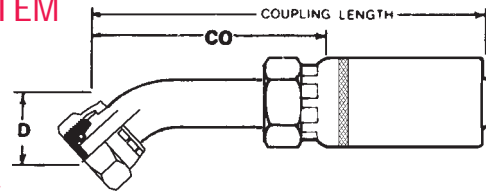
Part Number	Hose I.D.	Din Tube O.D. (MM)	Tube Length	Fitting Length	-CO-Cutoff
204-1PST-6M	1/4	6	.750	2.187	1.312
204-1PST-8M	1/4	8	.875	2.312	1.437
204-1PST-10M	1/4	10	.875		
406-1PST-10M	3/8	10	.875	2.472	1.562
406-1PST-12M	3/8	12	1.000	2.597	1.687
406-1PST-14M	3/8	14	1.000		
408-1PST-15M	1/2	15	1.000	2.847	1.687
408-1PST-16M	1/2	16	1.000	2.847	1.687
408-1PST-18M	1/2	18	1.125		
412-1PST-20M	3/4	20	1.125	3.691	1.836
412-1PST-22M	3/4	22	1.250		
412-1PST-25M	3/4	25	1.250		
416-1PST-25M	1	25	1.250	4.050	2.000
416-1PST-28M	1	28	1.250		
416-1PST-30M	1	30	1.250		

METRIC SWIVEL FEMALE STEM DIN 20078 LIGHT STRAIGHT W/O-RING



Part Number	Hose I.D.	Thread	DIN Tube O.D.(mm)	Nut Hex (mm)	Fitting Length	-CO-Cutoff
204-1PDL-612	1/4	12MM x 1.5	6	17	1.850	.940
204-1PDL-614	1/4	14MM x 1.5	8	17	1.811	.901
204-1PDL-616	1/4	16MM x 1.5	10	19	1.831	.921
206-1PDL-616	3/8	16MM x 1.5	10	19	1.831	.921
206-1PDL-618	3/8	18MM x 1.5	12	22	1.870	.960
206-1PDL-622	3/8	22MM x 1.5	15	27	2.008	1.098
208-1PDL-622	1/2	22MM x 1.5	15	27	2.244	1.084

METRIC SWIVEL FEMALE STEM DIN 20078 LIGHT 45° BENT TUBE W/O-RING

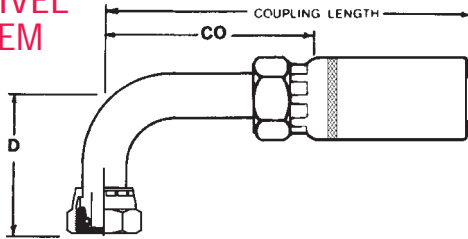


Part Number	Hose I.D.	Thread	DIN Tube O.D.(mm)	Nut Hex (mm)	-D-Drop	Fitting Length	-CO-Cutoff
204-1PDL-614 45	1/4	14MM x 1.5	8	17	.748	2.402	1.492
204-1PDL-616 45	1/4	16MM x 1.5	10	19	.827	2.638	1.728
206-1PDL-616 45	3/8	16MM x 1.5	10	19	.846	2.677	1.767
206-1PDL-618 45	3/8	18MM x 1.5	12	22	.984	3.189	2.029
208-1PDL-622 45	1/2	22MM x 1.5	15	27			

One-Piece British Standard and Metric Fittings for SAE 100R1, 100R7, 100R8

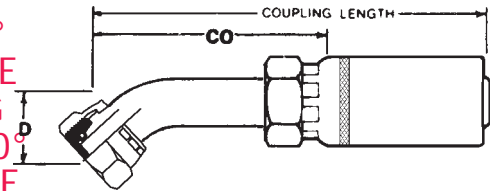


METRIC SWIVEL
FEMALE STEM
DIN 20078
LIGHT
90° BENT
TUBE
W/O-RING



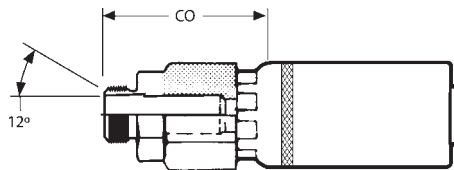
Part Number	Hose I.D.	Thread	DINTube O.D.(mm)	Nut Hex (mm)	-D- Drop	Fitting Length	-CO- Cutoff
204-1PDL-612	90	1/4 12MM x 1.5	6	17	1.417	1.969	1.059
204-1PDL-614	90	1/4 14MM x 1.5	8	17	1.378	1.929	1.019
204-1PDL-616	90	1/4 16MM x 1.5	10	19	1.358	1.969	1.059
206-1PDL-616	90	3/8 16MM x 1.5	10	19	1.575	2.244	1.334
206-1PDL-618	90	3/8 18MM x 1.5	12	22	1.614	2.244	1.334
206-1PDL-622	90	3/8 22MM x 1.5	15	27	1.713	2.244	1.334
208-1PDL-622	90	1/2 22MM x 1.5	15	27	1.890	2.717	1.557
208-1PDL-626	90	1/2 26MM x 1.5	18	32	1.772	2.717	1.557

METRIC SWIVEL
FEMALE STEM
DIN 20078
HEAVY 45°
BENT TUBE
W/O-RING
AND 12/30°
UNIV. CONE



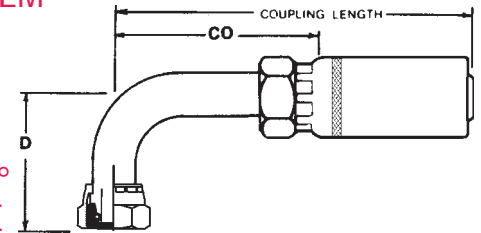
Part Number	Hose I.D.	Thread	DINTube O.D.(mm)	Nut Hex (mm)	-D- Drop	Fitting Length	-CO- Cutoff
204-1PDH-618	45	1/4 18MM x 1.5	10	22	.807	2.421	1.511
206-1PDH-620	45	3/8 20MM x 1.5	12	24	.984	2.815	1.905
206-1PDH-622	45	3/8 22MM x 1.5	14	27	.906	2.736	1.826
208-1PDH-624	45	1/2 24MM x 1.5	16	30	.945	3.150	1.990

SOLID
MALE
STEM
DIN 20078
HEAVY
12° SEAT



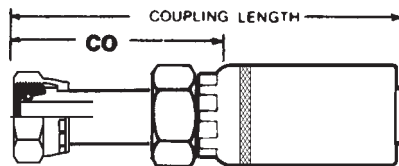
Part Number	Hose I.D.	Thread	Hex	Fitting Length	-CO- Cutoff
204-1PDH-116	1/4	16MM x 1.5	11/16	1.793	.883
204-1PDH-118	1/4	18MM x 1.5	3/4	1.793	.883
206-1PDH-120	3/8	20MM x 1.5	7/8	1.870	.960
206-1PDH-122	3/8	22MM x 1.5	7/8	1.910	1.000
208-1PDH-124	1/2	24MM x 1.5	1	2.272	1.112
412-1PDH-130	3/4	30MM x 2	1-3/16	3.081	1.226
412-1PDH-136	3/4	36MM x 2	1-1/2	3.231	1.376
416-1PDH-136	1	36MM x 2	1-1/2	3.515	1.465
416-1PDH-142	1	42MM x 2	1.3/4	3.615	1.565

METRIC SWIVEL
FEMALE STEM
DIN 20078
HEAVY 90°
BENT TUBE
W/O-RING
AND 12/30°
UNIV. CONE



Part Number	Hose I.D.	Thread	DINTube O.D.(mm)	Nut Hex (mm)	-D- Drop	Fitting Length	-CO- Cutoff
204-1PDH-616	90	1/4 16MM x 1.5	8	19	1.378	1.929	1.019
204-1PDH-618	90	1/4 18MM x 1.5	10	22	1.437	1.929	1.019
206-1PDH-618	90	3/8 18MM x 1.5	10	22	1.594	2.244	1.334
206-1PDH-620	90	3/8 20MM x 1.5	12	24	1.811	2.244	1.334
206-1PDH-622	90	3/8 22MM x 1.5	14	27	1.693	2.244	1.334
208-1PDH-624	90	1/2 24MM x 1.5	16	30	1.831	2.717	1.557

METRIC SWIVEL
FEMALE STEM
DIN 20078
HEAVY
STRAIGHT
W/O-RING
AND 12/30°
UNIV. CONE



Part Number	Hose I.D.	Thread	DINTube O.D.(mm)	Nut Hex (mm)	Fitting Length	-CO- Cutoff
204-1PDH-616	1/4	16MM x 1.5	8	19	1.850	.940
204-1PDH-618	1/4	18MM x 1.5	10	22	1.890	.980
206-1PDH-618	3/8	18MM x 1.5	10	22	1.890	.980
206-1PDH-620	3/8	20MM x 1.5	12	24	2.106	1.196
206-1PDH-622	3/8	22MM x 1.5	14	27	1.969	1.059
208-1PDH-624	1/2	24MM x 1.5	16	30	2.165	1.005