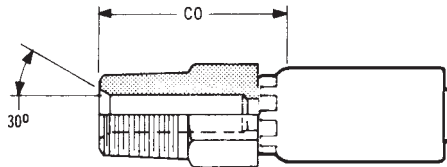




1J

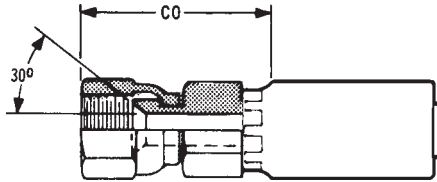
One-Piece Bite the Wire British Standard Fittings for SAE 100R1AT, 100R2AT, 100R5, 100R16, 100R17, Hydra-Lite I & II, and Hydra-Max

BRITISH STANDARD TAPERED PIPE BSPT SOLID MALE STEM 30° SEAT



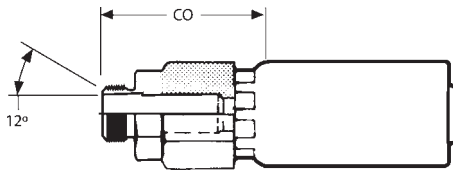
Part Number	Hose I.D.	Thread	Hex	Fitting Length	-CO-Cutoff
204-1JBT-104	1/4	1/4-19	5/8	1.875	.965
204-1JBT-106	1/4	3/8-19	11/16	1.875	.965
206-1JBT-106	3/8	3/8-19	11/16	1.906	.996
208-1JBT-108	1/2	1/2-14	7/8	2.316	1.156
412-1JBT-112	3/4	3/4-14	1-1/16	3.197	1.342
416-1JBT-116	1	1-11	1-3/8	3.603	1.553

KOMATSU SWIVEL FEMALE STEM 30° SEAT



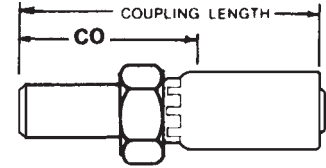
Part Number	Hose I.D.	Thread	Nut Hex	Stem Hex	Fitting Length	-CO-Cutoff
204-1JKU-614	1/4	14MM X 1.5	3/4	5/8	2.035	1.125
204-1JKU-618	1/4	18MM X 1.5	7/8	11/16	2.158	1.248
206-1JKU-618	3/8	18MM X 1.5	7/8	11/16	2.158	1.248
208-1JKU-622	1/2	22MM X 1.5	1-1/16	13/16	2.545	1.385
208-1JKU-624	1/2	24MM X 1.5	1-1/4	1	2.631	1.471
210-1JKU-624	5/8	24MM X 1.5	1-1/4	1	2.662	1.502
412-1JKU-630	3/4	30MM X 1.5	1-1/2	1-1/4	3.584	1.729
416-1JKU-633	1	33MM X 1.5	1-5/8	1-3/8	3.805	1.755
220-1JKU-636	1-1/4	36MM X 1.5	1-3/4	1-3/4	4.198	2.276
224-1JKU-642	1-1/2	42MM X 1.5	2-1/4	2	4.795	2.457

SOLID MALE STEM DIN 20078 LIGHT 12° SEAT



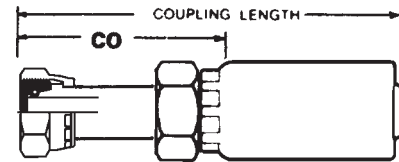
Part Number	Hose I.D.	Thread	Hex	Fitting Length	-CO-Cutoff
204-1JDL-112	1/4	12MM X 1.5	1/2	1.793	.883
204-1JDL-114	1/4	14MM X 1.5	5/8	1.793	.883
204-1JDL-116	1/4	16MM X 1.5	11/16	1.793	.883
206-1JDL-116	3/8	16MM X 1.5	11/16	1.824	.914
206-1JDL-118	3/8	18MM X 1.5	3/4	1.824	.914
206-1JDL-122	3/8	22MM X 1.5	7/8	1.910	1.000
208-1JDL-122	1/2	22MM X 1.5	7/8	2.222	1.062
208-1JDL-126	1/2	26MM X 1.5	1-1/16	2.222	1.062
210-1JDL-126	5/8	26MM X 1.5	1-1/16	2.253	1.093
412-1JDL-126	3/4	26MM X 1.5	1-1/16	3.031	1.176
412-1JDL-130	3/4	30MM X 2	1-1/4	3.081	1.226
412-1JDL-136	3/4	36MM X 2	1-1/2	3.231	1.376
416-1JDL-136	1	36MM X 2	1-1/2	3.515	1.465

METRIC STAND PIPE



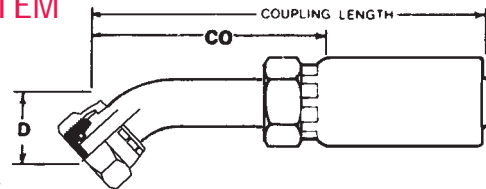
Part Number	Hose I.D.	Din Tube O.D. (MM)	Tube Length	Fitting Length	-CO-Cutoff
204-1JST-6M	1/4	6	.750	2.187	1.312
204-1JST-8M	1/4	8	.875	2.312	1.437
204-1JST-10M	1/4	10	.875		
406-1JST-10M	3/8	10	.875	2.472	1.562
406-1JST-12M	3/8	12	1.000	2.597	1.687
406-1JST-14M	3/8	14	1.000		
408-1JST-15M	1/2	15	1.000	2.847	1.687
408-1JST-16M	1/2	16	1.000	2.847	1.687
408-1JST-18M	1/2	18	1.125		
410-1JST-18M	5/8	18	1.125	3.003	1.843
410-1JST-20M	5/8	20	1.125		
412-1JST-20M	3/4	20	1.125	3.691	1.836
412-1JST-22M	3/4	22	1.250		
412-1JST-25M	3/4	25	1.250		
416-1JST-25M	1	25	1.250	4.050	2.000
416-1JST-28M	1	28	1.250		
416-1JST-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
204-1JDL-612	1/4	12MM X 1.5	6	17	1.850	.940
204-1JDL-614	1/4	14MM X 1.5	8	17	1.811	.901
204-1JDL-616	1/4	16MM X 1.5	10	19	1.831	.921
206-1JDL-616	3/8	16MM X 1.5	10	19	1.831	.921
206-1JDL-618	3/8	18MM X 1.5	12	22	1.870	.960
206-1JDL-622	3/8	22MM X 1.5	15	27	2.008	1.098
208-1JDL-622	1/2	22MM X 1.5	15	27	2.244	1.084
210-1JDL-626	5/8	26MM X 1.5	18	32	2.264	1.104

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

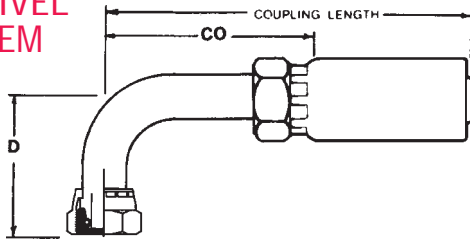


Part Number	Hose I.D.	Thread	DIN Tube O.D.(mm)	Nut Hex (mm)	-D-Drop	Fitting Length	-CO-Cutoff
204-1JDL-614 45	1/4	14MM X 1.5	8	17	.748	2.402	1.492
204-1JDL-616 45	1/4	16MM X 1.5	10	19	.748	2.402	1.492
206-1JDL-616 45	3/8	16MM X 1.5	10	19	.827	2.638	1.728
206-1JDL-618 45	3/8	18MM X 1.5	12	22	.846	2.677	1.767
208-1JDL-622 45	1/2	22MM X 1.5	15	27	.984	3.189	2.029
210-1JDL-626 45	5/8	26MM X 1.5	18	32	1.063	3.445	2.285

One-Piece Bite the Wire British Standard Fittings for SAE 100R1AT, 100R2AT, 100R5, 100R16, 100R17, Hydra-Lite I & II, and Hydra-Max

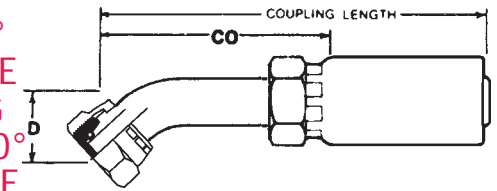


METRIC SWIVEL FEMALE STEM DIN 20078 LIGHT 90° BENT TUBE W/O-RING



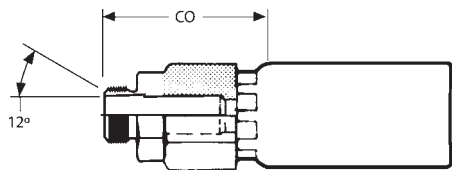
Part Number	Hose I.D.	Thread	DINTube O.D.(mm)	Nut Hex (mm)	-D- Drop	Fitting Length	-CO- Cutoff
204-1JDL-612 90	1/4	12MM X 1.5	6	17	1.417	1.969	1.059
204-1JDL-614 90	1/4	14MM X 1.5	8	17	1.378	1.929	1.019
204-1JDL-616 90	1/4	16MM X 1.5	10	19	1.358	1.969	1.059
206-1JDL-616 90	3/8	16MM X 1.5	10	19	1.575	2.244	1.334
206-1JDL-618 90	3/8	18MM X 1.5	12	22	1.614	2.244	1.334
206-1JDL-622 90	3/8	22MM X 1.5	15	27	1.713	2.244	1.334
208-1JDL-622 90	1/2	22MM X 1.5	15	27	1.890	2.717	1.557
208-1JDL-626 90	1/2	26MM X 1.5	18	32	1.772	2.717	1.557
210-1JDL-626 90	5/8	26MM X 1.5	18	32	2.185	3.071	1.911

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



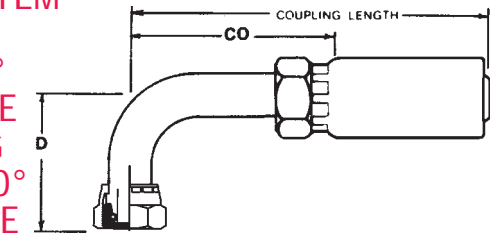
Part Number	Hose I.D.	Thread	DINTube O.D.(mm)	Nut Hex (mm)	-D- Drop	Fitting Length	-CO- Cutoff
204-1JDH-618 45	1/4	18MM X 1.5	10	22	.807	2.421	1.511
206-1JDH-620 45	3/8	20MM X 1.5	12	24	.984	2.815	1.905
206-1JDH-622 45	3/8	22MM X 1.5	14	27	.906	2.736	1.826
208-1JDH-624 45	1/2	24MM X 1.5	16	30	.945	3.150	1.990
210-1JDH-630 45	5/8	30MM X 2	20	36	1.240	3.622	2.462

SOLID MALE STEM DIN 20078 HEAVY 12° SEAT



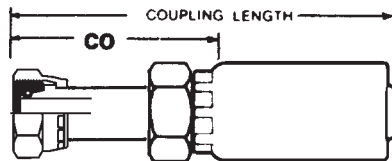
Part Number	Hose I.D.	Thread	Hex	Fitting Length	-CO- Cutoff
204-1JDH-116	1/4	16MM X 1.5	11/16	1.793	.883
204-1JDH-118	1/4	18MM X 1.5	3/4	1.793	.883
206-1JDH-120	3/8	20MM X 1.5	7/8	1.870	.960
206-1JDH-122	3/8	22MM X 1.5	7/8	1.910	1.000
208-1JDH-124	1/2	24MM X 1.5	1	2.272	1.112
210-1JDH-130	5/8	30MM X 2	1-3/16	2.303	1.143
412-1JDH-130	3/4	30MM X 2	1-3/16	3.081	1.226
412-1JDH-136	3/4	36MM X 2	1-1/2	3.231	1.376
416-1JDH-136	1	36MM X 2	1-1/2	3.515	1.465
416-1JDH-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
204-1JDH-616 90	1/4	16MM X 1.5	8	19	1.378	1.929	1.019
204-1JDH-618 90	1/4	18MM X 1.5	10	22	1.437	1.929	1.019
206-1JDH-618 90	3/8	18MM X 1.5	10	22	1.594	2.244	1.334
206-1JDH-620 90	3/8	20MM X 1.5	12	24	1.811	2.244	1.334
206-1JDH-622 90	3/8	22MM X 1.5	14	27	1.693	2.244	1.334
208-1JDH-624 90	1/2	24MM X 1.5	16	30	1.831	2.717	1.557
210-1JDH-630 90	5/8	30MM X 2	20	36	2.461	3.071	1.911

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

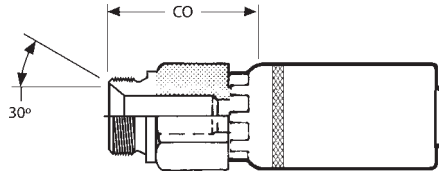


Part Number	Hose I.D.	Thread	DINTube O.D.(mm)	Nut Hex (mm)	Fitting Length	-CO- Cutoff
204-1JDH-616	1/4	16MM X 1.5	8	19	1.850	.940
204-1JDH-618	1/4	18MM X 1.5	10	22	1.890	.980
206-1JDH-618	3/8	18MM X 1.5	10	22	1.890	.980
206-1JDH-620	3/8	20MM X 1.5	12	24	2.106	1.196
206-1JDH-622	3/8	22MM X 1.5	14	27	1.969	1.059
208-1JDH-624	1/2	24MM X 1.5	16	30	2.165	1.005
210-1JDH-630	5/8	30MM X 2	20	36	2.520	1.360

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

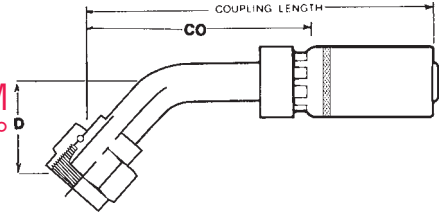


BRITISH STANDARD PARALLEL PIPE BSPP SOLID MALE STEM 30° SEAT



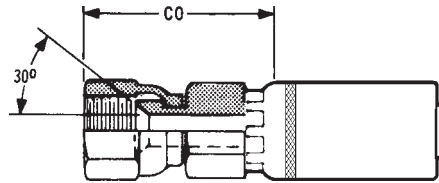
Part Number	Hose I.D.	Thread	Hex	Fitting Length	-CO-Cutoff
204-1PBP-104	1/4	1/4-19	3/4	1.891	.981
206-1PBP-106	3/8	3/8-19	7/8	1.981	1.071
206-1PBP-108	3/8	1/2-14	1-1/16	2.142	1.232
208-1PBP-108	1/2	1/2-14	1-1/16	2.392	1.232
208-1PBP-110	1/2	5/8-14	1-1/8	2.542	1.382
412-1PBP-112	3/4	3/4-14	1-1/4	3.281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



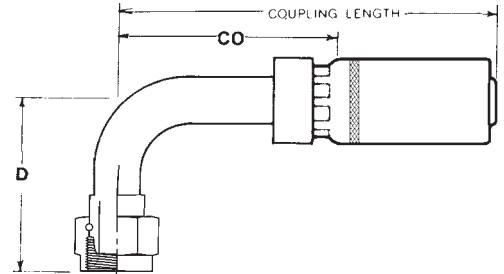
Part Number	Hose I.D.	Thread	Nut Hex	-D-Drop	Fitting Length	-CO-Cutoff
204-1PBPX-4 45	1/4	1/4-19	11/16	.500	2.565	1.690
204-1PBPX-6 45	1/4	3/8-19	7/8	.625	2.885	2.010
206-1PBPX-6 45	3/8	3/8-19	7/8	.625	2.885	2.010
206-1PBPX-8 45	3/8	1/2-14	1	.944	3.075	2.200
208-1PBPX-8 45	1/2	1/2-14	1	.750	3.137	2.200
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



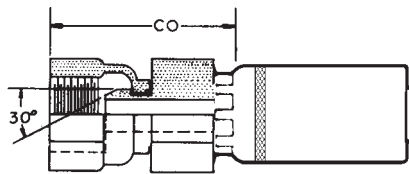
Part Number	Hose I.D.	Thread	Nut Hex	Stem Hex	Fitting Length	-CO-Cutoff
204-1PBP-604	1/4	1/4-19	11/16	5/8	1.937	1.027
206-1PBP-606	3/8	3/8-19	7/8	11/16	2.033	1.123
208-1PBP-608	1/2	1/2-14	1	13/16	2.378	1.218
412-1PBP-612	3/4	3/4-14	1-1/4	1-1/16	3.344	1.489
416-1PBP-616	1	1-11	1-1/2	1-3/8	3.565	1.515

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



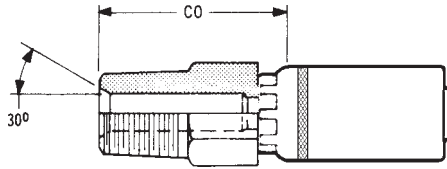
Part Number	Hose I.D.	Thread	Nut Hex	Stem Hex	Fitting Length	-CO-Cutoff
204-1PBPX-4	1/4	1/4-19	11/16	5/8	1.939	1.029
204-1PBPX-6	1/4	3/8-19	7/8	5/8	2.033	1.123
206-1PBPX-6	3/8	3/8-19	7/8	11/16	2.033	1.123
206-1PBPX-8	3/8	1/2-14	1	13/16	2.127	1.217
208-1PBPX-8	1/2	1/2-14	1	13/16	2.377	1.217
208-1PBPX-10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

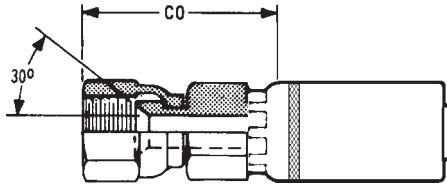
One-Piece British Standard and Metric Fittings for SAE 100R1, 100R7, 100R8

BRITISH STANDARD TAPERED PIPE BSPT SOLID MALE STEM 30° SEAT



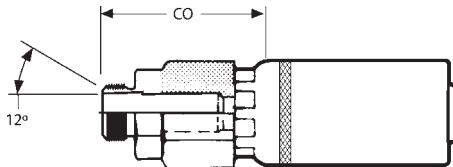
Part Number	Hose I.D.	Thread	Hex	Fitting Length	-CO-Cutoff
204-1PBT-104	1/4	1/4-19	5/8	1.875	.965
204-1PBT-106	1/4	3/8-19	11/16	1.875	.965
206-1PBT-106	3/8	3/8-19	11/16	1.906	.996
208-1PBT-108	1/2	1/2-14	7/8	2.316	1.156
412-1PBT-112	3/4	3/4-14	1-1/16	3.197	1.342
416-1PBT-116	1	1-11	1-3/8	3.603	1.553

KOMATSU SWIVEL FEMALE STEM 30° SEAT



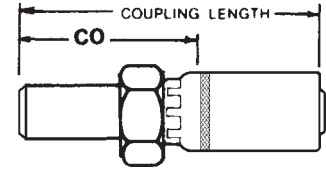
Part Number	Hose I.D.	Thread	Nut Hex	Stem Hex	Fitting Length	-CO-Cutoff
204-1PKU-614	1/4	14MM x 1.5	3/4	5/8	2.035	1.125
204-1PKU-618	1/4	18MM x 1.5	7/8	11/16	2.158	1.248
206-1PKU-618	3/8	18MM x 1.5	7/8	11/16	2.158	1.248
208-1PKU-622	1/2	22MM x 1.5	1-1/16	13/16	2.545	1.385
208-1PKU-624	1/2	24MM x 1.5	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



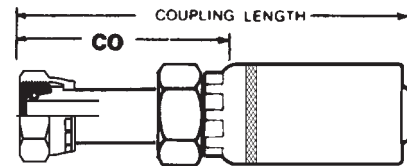
Part Number	Hose I.D.	Thread	Hex	Fitting Length	-CO-Cutoff
204-1PDL-112	1/4	12MM x 1.5	1/2	1.793	.883
204-1PDL-114	1/4	14MM x 1.5	5/8	1.793	.883
204-1PDL-116	1/4	16MM x 1.5	11/16	1.793	.883
206-1PDL-116	3/8	16MM x 1.5	11/16	1.824	.914
206-1PDL-118	3/8	18MM x 1.5	3/4	1.824	.914
206-1PDL-122	3/8	22MM x 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



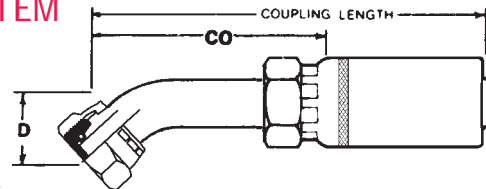
Part Number	Hose I.D.	Din Tube O.D. (MM)	Tube Length	Fitting Length	-CO-Cutoff
204-1PST-6M	1/4	6	.750	2.187	1.312
204-1PST-8M	1/4	8	.875	2.312	1.437
204-1PST-10M	1/4	10	.875		
406-1PST-10M	3/8	10	.875	2.472	1.562
406-1PST-12M	3/8	12	1.000	2.597	1.687
406-1PST-14M	3/8	14	1.000		
408-1PST-15M	1/2	15	1.000	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

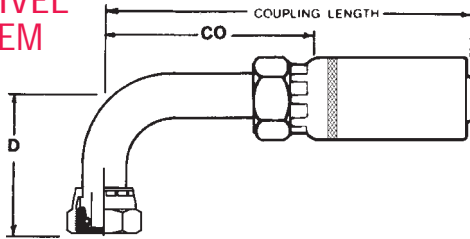


Part Number	Hose I.D.	Thread	DIN Tube O.D.(mm)	Nut Hex (mm)	-D-Drop	Fitting Length	-CO-Cutoff
204-1PDL-614 45	1/4	14MM x 1.5	8	17	.748	2.402	1.492
204-1PDL-616 45	1/4	16MM x 1.5	10	19	.827	2.638	1.728
206-1PDL-616 45	3/8	16MM x 1.5	10	19	.846	2.677	1.767
206-1PDL-618 45	3/8	18MM x 1.5	12	22	.984	3.189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

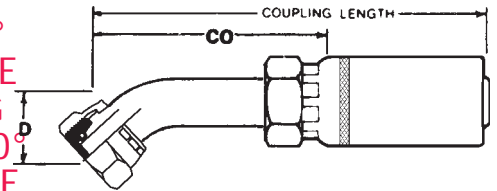


METRIC SWIVEL
FEMALE STEM
DIN 20078
LIGHT
90° BENT
TUBE
W/O-RING



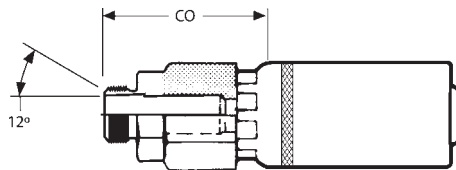
Part Number	Hose I.D.	Thread	DIN Tube O.D.(mm)	Nut Hex (mm)	-D- Drop	Fitting Length	-CO- Cutoff
204-1PDL-612	90	1/4 12MM x 1.5	6	17	1.417	1.969	1.059
204-1PDL-614	90	1/4 14MM x 1.5	8	17	1.378	1.929	1.019
204-1PDL-616	90	1/4 16MM x 1.5	10	19	1.358	1.969	1.059
206-1PDL-616	90	3/8 16MM x 1.5	10	19	1.575	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



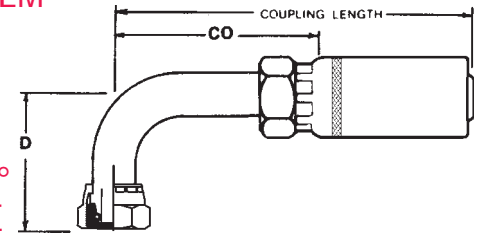
Part Number	Hose I.D.	Thread	DIN Tube O.D.(mm)	Nut Hex (mm)	-D- Drop	Fitting Length	-CO- Cutoff
204-1PDH-618	45	1/4 18MM x 1.5	10	22	.807	2.421	1.511
206-1PDH-620	45	3/8 20MM x 1.5	12	24	.984	2.815	1.905
206-1PDH-622	45	3/8 22MM x 1.5	14	27	.906	2.736	1.826
208-1PDH-624	45	1/2 24MM x 1.5	16	30	.945	3.150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

SOLID
MALE
STEM
DIN 20078
HEAVY
12° SEAT



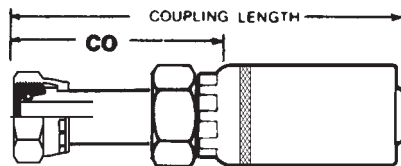
Part Number	Hose I.D.	Thread	Hex	Fitting Length	-CO- Cutoff
204-1PDH-116	1/4	16MM x 1.5	11/16	1.793	.883
204-1PDH-118	1/4	18MM x 1.5	3/4	1.793	.883
206-1PDH-120	3/8	20MM x 1.5	7/8	1.870	.960
206-1PDH-122	3/8	22MM x 1.5	7/8	1.910	1.000
208-1PDH-124	1/2	24MM x 1.5	1	2.272	1.112
412-1PDH-130	3/4	30MM x 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	DIN Tube 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	DIN Tube 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

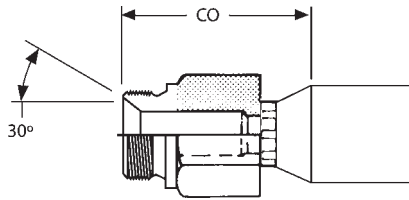
One-Piece
British Standard
and Metric Fittings

1W

SAE 100R12 Non-Skive
SAE 100R13 Skive

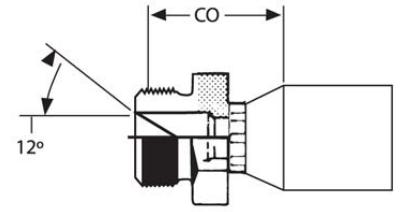


BRITISH
STANDARD
PARALLEL PIPE
BSPP SOLID
MALE STEM
30° SEAT



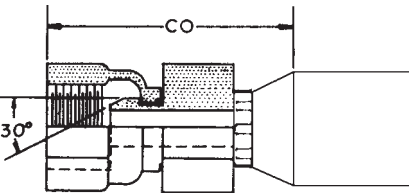
Part Number	Hose I.D.	Thread	HEX	Fitting Length	-CO-Cutoff
612-1WBP-112	3/4	3/4-14	1-1/4	3.11	1.41
616-1WBP-116	1	1-11	1-5/8	3.57	1.62
620-1WBP-120	1-1/4	1-1/4 - 11	1-3/4	4.13	1.75

METRIC
SOLID MALE
DIN LIGHT
STRAIGHT
12° SEAT



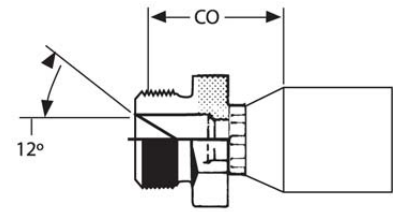
Part Number	Hose I.D.	Thread	HEX	Fitting Length	-CO-Cutoff
620-1WDL-145	1-1/4	45MM x 2	1-13/16	3.96	1.58

BRITISH
STANDARD
PARALLEL PIPE
BSPP SWIVEL
FEMALE STEM
30° CONE



Part Number	Hose I.D.	Thread	Stem HEX	Nut HEX	Fitting Length	-CO-Cutoff
612-1WBPX-12	3/4	3/4-14	1-1/16	1-1/4	3.16	1.47
616-1WBPX-16	1	1-11	1-3/8	1-1/2	3.45	1.50
620-1WBPX-20	1-1/4	1-1/4 - 11	1-3/4	1-7/8	4.38	2.01
624-1WBPX-24	1-1/2	1-1/2 - 11	1-3/4	2-1/8	4.94	2.06

METRIC
SOLID MALE
DIN HEAVY
STRAIGHT
12° SEAT



Part Number	Hose I.D.	Thread	HEX	Fitting Length	-CO-Cutoff
620-1WDH-152	1-1/4	52MM x 2	2-3/16	4.25	1.88

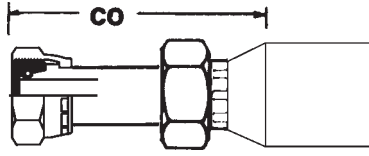


SAE 100R12 Non-Skive
SAE 100R13 Skive

1W

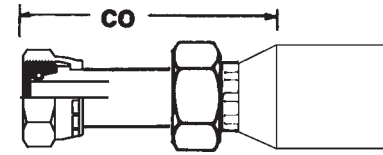
One-Piece
British Standard
and Metric Fittings

METRIC
SWIVEL FEMALE
W/ O-RING
DIN LIGHT
STRAIGHT



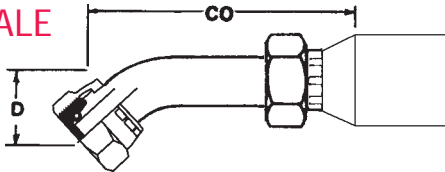
Part Number	Hose I.D.	Thread	DIN Tube O.D.(mm)	Fitting Length	-CO-Cutoff
612-1WDL-626	3/4	26MM x 1.5	18	2.78	1.08
612-1WDL-630	3/4	30MM x 2	22	2.84	1.14
616-1WDL-636	1	36MM x 2	28	3.19	1.24
620-1WDL-645	1-1/4	45MM x 2	35	3.84	1.46

METRIC
SWIVEL FEMALE
W/ O-RING AND
UNIV CONE SEAT
DIN HEAVY
STRAIGHT



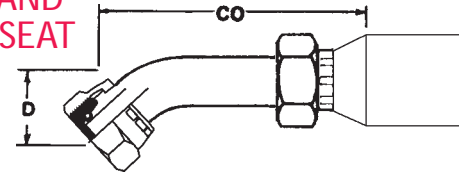
Part Number	Hose I.D.	Thread	DIN Tube O.D.(mm)	Fitting Length	-CO-Cutoff
612-1WDH-630	3/4	30MM x 2	20	3.07	1.37
616-1WDH-636	1	36MM x 2	25	3.29	1.34
612-1WDH-636	3/4	36MM x 2	25	3.29	1.34
616-1WDH-642	1	42MM x 2	30	3.54	1.59
620-1WDH-652	1-1/4	52MM x 2	38	4.15	1.78

METRIC
SWIVEL FEMALE
W/ O-RING
DIN LIGHT
45°



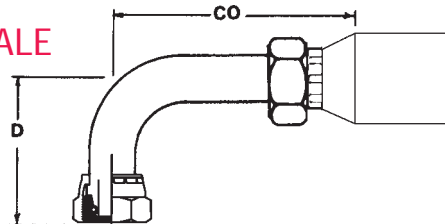
Part Number	Hose I.D.	Thread	DIN Tube O.D.(mm)	-D-Drop	Fitting Length	-CO-Cutoff
612-1WDL-630	45 3/4	30MM x 2	22	.97	4.10	2.40
616-1WDL-636	45 1	36MM x 2	28	1.10	4.72	2.77
620-1WDL-645	45 1-1/4	45MM x 2	35	1.71	6.46	4.08

METRIC
SWIVEL FEMALE
W/ O-RING AND
UNIV CONE SEAT
DIN HEAVY
45°



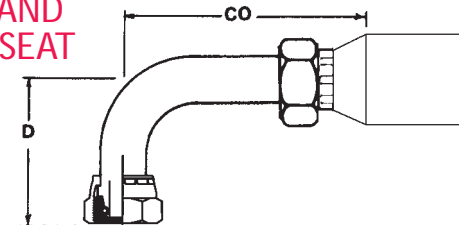
Part Number	Hose I.D.	Thread	DIN Tube O.D.(mm)	-D-Drop	Fitting Length	-CO-Cutoff
612-1WDH-636	45 3/4	36MM x 2	25	1.12	4.25	2.55
616-1WDH-642	45 1	42MM x 2	30	1.28	4.88	2.93
620-1WDH-652	45 1-1/4	52MM x 2	38	1.77	6.52	4.14

METRIC
SWIVEL FEMALE
W/ O-RING
DIN LIGHT
90°



Part Number	Hose I.D.	Thread	DIN Tube O.D.(mm)	-D-Drop	Fitting Length	-CO-Cutoff
612-1WDL-630	90 3/4	30MM x 2	22	2.07	3.82	2.12
616-1WDL-636	90 1	36MM x 2	28	2.40	4.45	2.50
620-1WDL-645	90 1-1/4	45MM x 2	35	3.68	5.91	3.53

METRIC
SWIVEL FEMALE
W/ O-RING AND
UNIV CONE SEAT
DIN HEAVY
90°



Part Number	Hose I.D.	Thread	DIN Tube O.D.(mm)	-D-Drop	Fitting Length	-CO-Cutoff
612-1WDH-636	90 3/4	36MM x 2	25	2.28	3.82	2.12
616-1WDH-642	90 1	42MM x 2	30	2.64	4.45	2.50
620-1WDH-652	90 1-1/4	52MM x 2	38	3.64	5.91	3.53