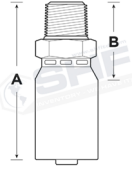
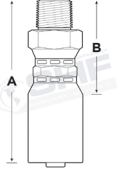
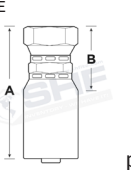
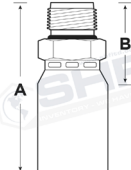
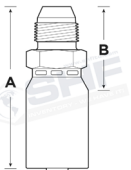
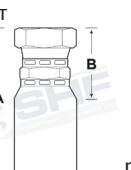
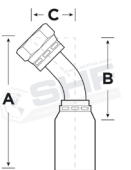
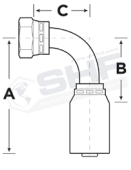
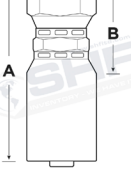
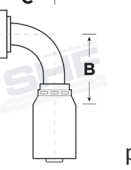
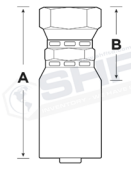
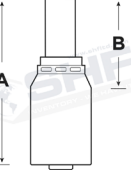
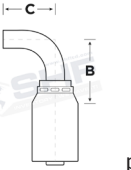
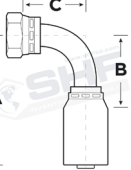
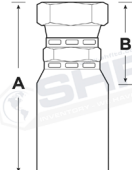
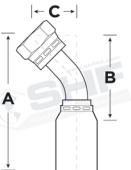
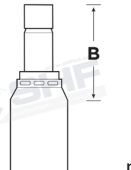
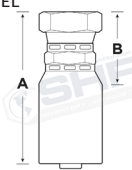
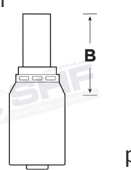
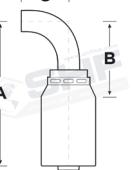
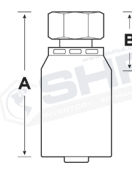
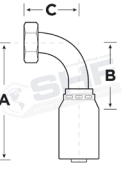
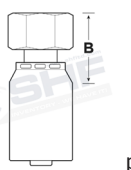
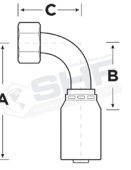
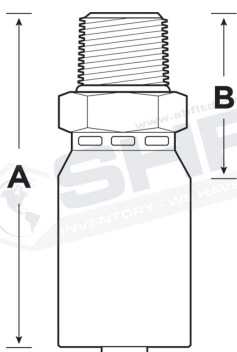


NPT / NPSM PIPE	SHFHY MALE NPT PIPE - RIGID  p.24	SHFHY MALE NPT PIPE - SWIVEL  p.24	SHFHY FEMALE NPT PIPE - SWIVEL 30° CONE  p.24	MALE O-RING BOSS SAE STRAIGHT THREAD
SHFHY MORB  p.25	JIC 37°	SHFHY MALE JIC 37° - RIGID  p.25	SHFHY FEMALE JIC 37° SWIVEL STRAIGHT  p.26	SHFHY FEMALE JIC 37° SWIVEL 45°  p.26
SHFHY FEMALE JIC 37° SWIVEL 90°  p.26	CODE 61 FLANGE	SHFHY CODE 61 FLANGE - STRAIGHT  p.27	SHFHY CODE 61 FLANGE - 90°  p.27	FEMALE O-RING FACE SEAL (ORFS)
SHFHY FEMALE ORFS SWIVEL  p.27	STAND PIPE (TUBE STUB)	SHFHY TUBE STUB  p.28	SHFHY TUBE STUB - 90°  p.28	SHFHY FEMALE BSP SWIVEL - 90°  p.28
FEMALE BSP 60° CONE SWIVEL	SHFHY FEMALE BSP SWIVEL  p.29	SHFHY FEMALE BSP SWIVEL - 45°  p.29	SHFHY INSTRUMENT TUBE STUB  p.29	
FEMALE 45° SAE FLARE SWIVEL	SHFHY FEMALE 45° SAE FLARE SWIVEL  p.30	METRIC STAND PIPE (TUBE STUB)	SHFHY METRIC TUBE STUB - STRAIGHT  p.30	SHFHY METRIC TUBE STUB - 90°  p.30
FEMALE DIN SWIVEL	SHFHY DIN 24° LIGHT - STRAIGHT  p.31	SHFHY DIN 24° LIGHT - 90°  p.31	SHFHY DIN 24° HEAVY - STRAIGHT  p.32	SHFHY DIN 24° HEAVY - 90°  p.32

1

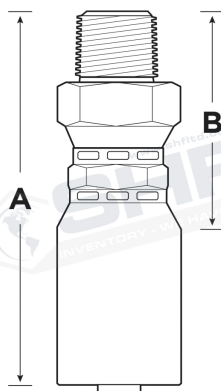
Male NPT Pipe - Rigid

316 is standard finish, 303 and 304 also available



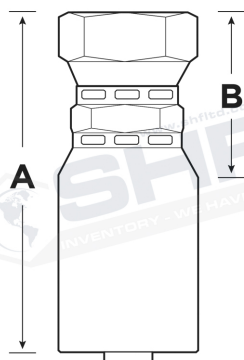
PART NO	HOSE ID	THREAD	A OAL	B CUT-OFF
SHFHY-04-02MP	1/4	1/8-27	2.358	.092
SHFHY-04-04MP	1/4	1/4-18	2.620	1.224
SHFHY-04-06MP	1/4	3/8-18	-	-
SHFHY-06-04MP	3/8	1/4-18	2.693	1.293
SHFHY-06-06MP	3/8	3/8-18	2.740	1.383
SHFHY-06-08MP	3/8	1/2-14	2.763	1.468
SHFHY-08-06MP	1/2	3/8-18	-	-
SHFHY-08-08MP	1/2	1/2-14	2.898	1.435
SHFHY-10-08MP	5/8	1/2-14	3.056	1.577
SHFHY-12-08MP	3/4	1/2-14	3.164	1.665
SHFHY-12-12MP	3/4	3/4-14	3.148	1.659
SHFHY-16-16MP	1	1-11 1/2	3.430	1.905

Male NPT Pipe - Swivel



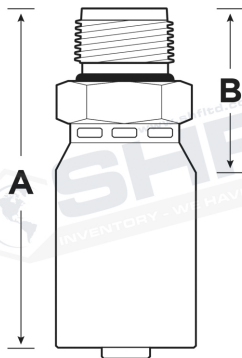
PART NO	HOSE ID	THREAD	A OAL	B CUT-OFF
SHFHY-08-06MS	1/2	3/8-18	-	-
SHFHY-08-08MS	1/2	1/2-14	-	-
SHFHY-12-08MS	3/4	1/2-14	3.923	2.451
SHFHY-12-12MS	3/4	3/4-14	4.076	2.617
SHFHY-16-16MS	1	1-11 1/2	4.566	3.045

Female NPSM Pipe - Swivel (30° Cone)



PART NO	HOSE ID	THREAD	A OAL	B CUT-OFF
SHFHY-04-04FN	1/4	1/4-18	2.591	1.223
SHFHY-06-06FN	3/8	3/8-18	2.737	1.327
SHFHY-08-08FN	1/2	1/2-14	2.94	1.483
SHFHY-12-12FN	3/4	3/4-14	-	-
SHFHY-16-16FN	1	1-11 1/2	-	-

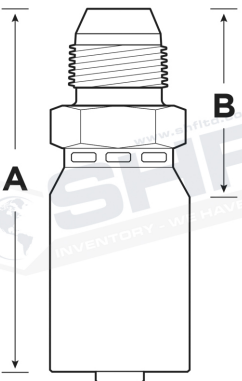
Male O-Ring Boss SAE Straight Thread - Rigid



PART NO	HOSE ID	THREAD	A OAL	B CUT OFF
SHFHY-04-04RA	1/4	7/16-20	2.33	.970
SHFHY-06-06RA	3/8	9/16-18	2.380	1.052
SHFHY-08-08RA	1/2	3/4-16	2.59	1.25
SHFHY-10-10RA	5/8	7/8-14	-	-
SHFHY-12-12RA	3/4	1 1/16-12	2.92	1.34
SHFHY-16-16RA	1	1 5/16-12	3.08	1.47

Male JIC 37° - Rigid

316 is standard finish, 303 and 304 also available

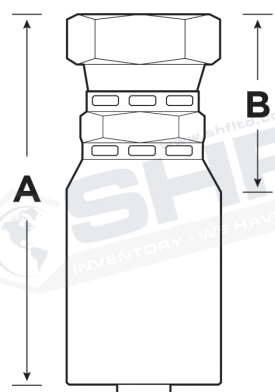


PART NO	HOSE ID	THREAD	A OAL	B CUT OFF
SHFHY-04-04MJ	1/4	7/16-20	2.52	1.19
SHFHY-04-05MJ	1/4	1/2-20	-	-
SHFHY-04-06MJ	1/4	9/16-18	-	-
SHFHY-06-06MJ	3/8	9/16-18	2.642	1.257
SHFHY-08-08MJ	1/2	3/4-16	2.842	1.423
SHFHY-10-10MJ	5/8	7/8-14	-	-
SHFHY-12-12MJ	3/4	1 1/16-12	3.187	1.714
SHFHY-16-16MJ	1	1 5/16-12	3.403	1.824



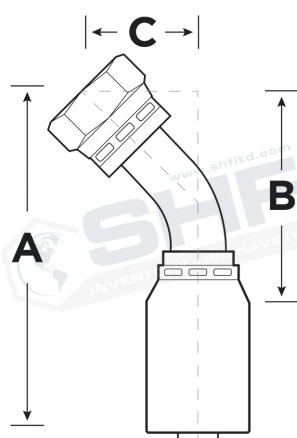
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Female JIC 37° Swivel - Straight



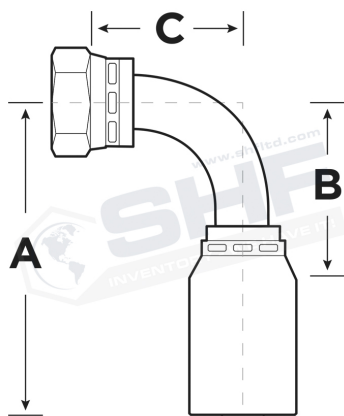
PART NO	HOSE ID	THREAD	A OAL	B CUT-OFF
SHFHY-03-04FJ	3/16	7/16-20	-	-
SHFHY-03-05FJ	3/16	1/2-20	-	-
SHFHY-04-04FJ	1/4	7/16-20	2.603	1.218
SHFHY-04-05FJ	1/4	1/2-20	-	-
SHFHY-04-06FJ	1/4	9/16-18	2.676	1.188
SHFHY-06-04FJ	3/8	7/16-20	-	-
SHFHY-06-06FJ	3/8	9/16-18	2.696	1.411
SHFHY-06-08FJ	3/8	3/4-16	2.792	1.411
SHFHY-08-08FJ	1/2	3/4-16	3.124	1.411
SHFHY-08-10FJ	1/2	7/8-14	3.124	1.686
SHFHY-10-10FJ	5/8	7/8-14	3.083	1.686
SHFHY-12-12FJ	3/4	1 1/16-12	3.297	1.813
SHFHY-12-16FJ	3/4	1 5/16-12	3.410	1.889
SHFHY-16-16FJ	1	1 5/16-12	3.467	1.942

Female JIC 37° Swivel - 45°



PART NO	HOSE ID	THREAD	A OAL	B CUT OFF	C DROP
SHFHY-04-04FJ45	1/4	7/16-20	3.141	1.794	.774
SHFHY-06-06FJ45	3/8	9/16-18	3.524	2.118	1.158
SHFHY-06-08FJ45	3/8	3/4-16	-	-	-
SHFHY-08-08FJ45	1/2	3/4-16	-	-	-
SHFHY-08-10FJ45	1/2	7/8-14	-	-	-
SHFHY-10-10FJ45	5/8	7/8-14	-	-	-
SHFHY-12-12FJ45	3/4	1 1/16-12	-	-	-
SHFHY-16-16FJ45	1	1 5/16-12	4.906	3.291	1.629

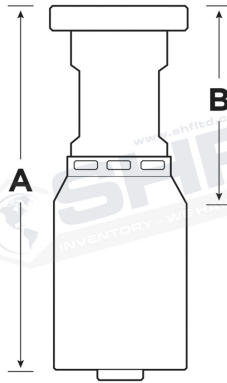
Female JIC 37° Swivel - 90°



PART NO	HOSE ID	THREAD	A OAL	B CUT-OFF	C DROP
SHFHY-04-04FJ90	1/4	7/16-20	2.799	1.328	1.192
SHFHY-04-05FJ90	1/4	1/2-20	-	-	-
SHFHY-04-06FJ90	1/4	9/16-18	-	-	-
SHFHY-06-06FJ90	3/8	9/16-18	3.253	1.808	1.449
SHFHY-06-08FJ90	3/8	3/4-16	3.265	1.880	1.653
SHFHY-08-08FJ90	1/2	3/4-16	3.575	2.059	1.709
SHFHY-08-10FJ90	1/2	7/8-14	3.558	2.100	1.709
SHFHY-10-10FJ90	5/8	7/8-14	-	-	-
SHFHY-12-12FJ90	3/4	1 1/16-12	4.302	2.804	2.103
SHFHY-16-16FJ90	1	1 5/16-12	-	-	-

Code 61 Flange - Straight

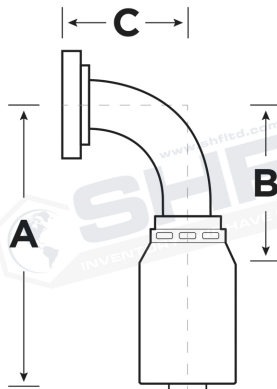
Additional sizes available upon request



PART NO	HOSE ID	FLANGE INCH	FLANGE OD	A OAL	B CUT-OFF
SHFHY-22-24FL	1 3/8	1 1/2	2.38	-	-

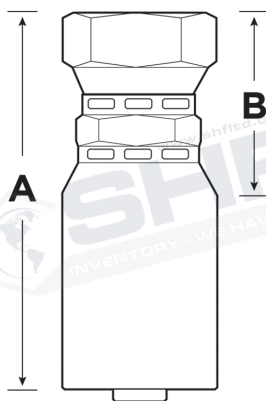
Code 61 Flange - 90°

Additional sizes available upon request



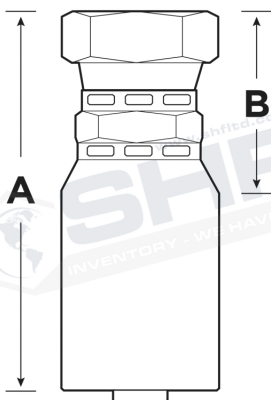
PART NO	HOSE ID	FLANGE INCH	FLANGE OD	A OAL	B CUT-OFF	C DROP
SHFHY-22-24FL90	1 3/8	1 1/2	2.38	-	-	-

Swivel Female ORFS (O-Ring Face Seal)



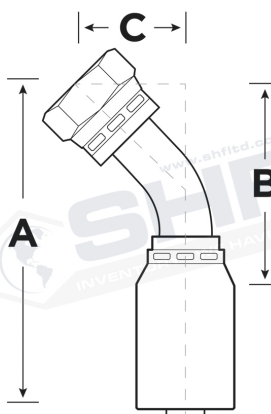
PART NO	HOSE ID	THREAD	A OAL	B CUT-OFF
SHFHY-04-04OFT	1/4	9/16x18	2.590	1.250
SHFHY-06-04OFT	3/8	11/16x16	2.670	1.310
SHFHY-06-05OFT	3/8	11/16x16	2.700	1.340
SHFHY-06-06OFT	3/8	11/16x16	2.750	1.340
SHFHY-08-06OFT	1/2	13/16x16	2.840	1.500
SHFHY-08-08OFT	1/2	13/16x16	2.950	1.590
SHFHY-10-08OFT	5/8	1x14	3.160	1.810
SHFHY-10-10OFT	5/8	1x14	3.170	1.780
SHFHY-10-12OFT	5/8	1x14	3.270	1.690
SHFHY-12-10OFT	3/4	1-3/16x12	3.200	1.810
SHFHY-12-12OFT	3/4	1-3/16x12	3.300	1.720
SHFHY-16-12OFT	1	1-7/16x12	3.440	1.880
SHFHY-16-16OFT	1	1-7/16x12	3.590	1.970
SHFHY-20-16OFT	1-1/4	1-11/16x12	3.470	1.750
SHFHY-20-20OFT	1-1/4	1-11/16x12	3.980	2.160

Swivel Female BSP 60° Cone - Straight



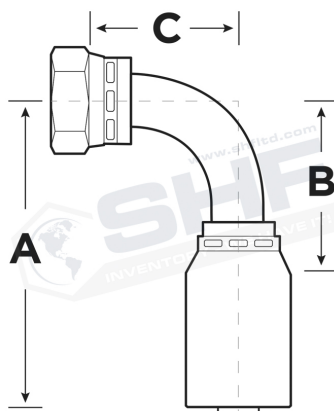
PART NO	HOSE ID	THREAD	A OAL	B CUT-OFF
SHFHY-04-04BSP	1/4	1/4-19	2.542	1.242
SHFHY-06-06BSP	3/8	3/8-19	2.70	1.34
SHFHY-08-08BSP	1/2	1/2-14	2.966	1.480
SHFHY-12-12BSP	3/4	3/4-14	-	-
SHFHY-16-16BSP	1	1-11	-	-

Swivel Female BSP 60° Cone - 45°



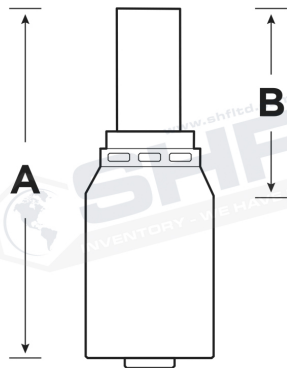
PART NO	HOSE ID	THREAD	A OAL	B CUT-OFF	C DROP
SHFHY-04-04BSP45	1/4	1/4-19	-	-	-
SHFHY-06-06BSP45	3/8	3/8-19	-	-	-
SHFHY-08-08BSP45	1/2	1/2-14	-	-	-
SHFHY-12-12BSP45	3/4	3/4-14	-	-	-
SHFHY-16-16BSP45	1	1-11	-	-	-

Swivel Female BSP 60° Cone - 90°



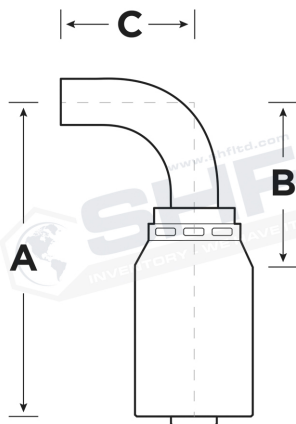
PART NO	HOSE ID	THREAD	A OAL	B CUT-OFF	C DROP
SHFHY-04-04BSP90	1/4	1/4-19	2.787	1.417	1.064
SHFHY-06-06BSP90	3/8	3/8-19	2.955	1.562	1.334
SHFHY-08-08BSP90	1/2	1/2-14	3.163	1.725	1.483
SHFHY-12-12BSP90	3/4	3/4-14	-	-	-
SHFHY-16-16BSP90	1	1-11	-	-	-

Stand Pipe (Tube Stub) - Straight



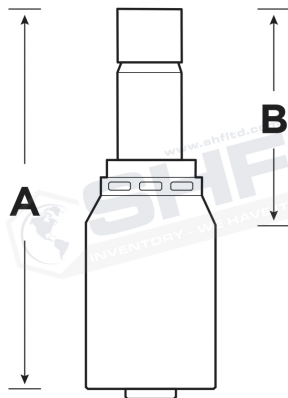
PART NO	HOSE ID	TUBING OD	A OAL	B CUT-OFF
SHFHY-04-04TS	1/4	0.250	2.729	1.434
SHFHY-06-06TS	3/8	0.375	2.894	1.605
SHFHY-08-08TS	1/2	0.500	3.022	1.623
SHFHY-08-10TS	1/2	0.625		
SHFHY-12-12TS	3/4	0.750	3.420	2.216
SHFHY-16-16TS	1	1.000	4.158	2.309

Stand Pipe (Tube Stub) - 90°



PART NO	HOSE ID	TUBING OD	A OAL	B CUT-OFF	C DROP
SHFHY-04-04TS90	1/4	0.250	2.910	1.430	1.165
SHFHY-06-06TS90	3/8	0.375	3.427	1.998	1.538
SHFHY-08-08TS90	1/2	0.500	3.330	1.730	1.865
SHFHY-12-12TS90	3/4	0.750	4.170	2.680	2.304

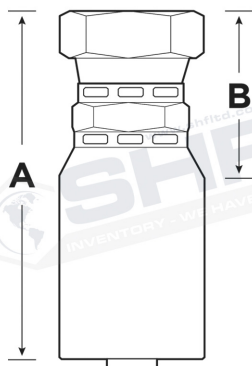
Instrument Stand Pipe (Tube Stub)



PART NO	HOSE ID	TUBING OD	A OAL	B CUT-OFF
SHFHY-04-04TSI	1/4	0.250	-	-
SHFHY-06-06TSI	3/8	0.375	-	-
SHFHY-08-08TSI	1/2	0.500	-	-
SHFHY-12-12TSI	3/4	0.750	-	-
SHFHY-16-16TSI	1	1.000	-	-

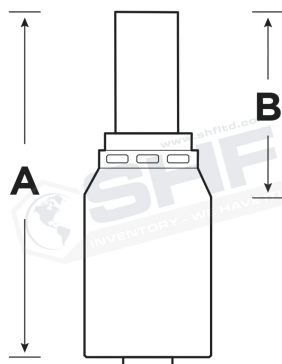
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Female 45° SAE Flare - Swivel



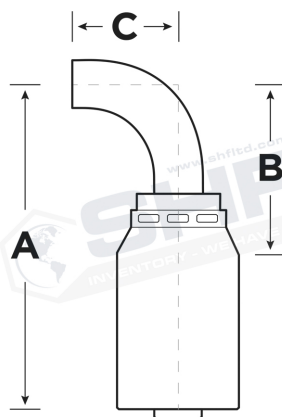
PART NO	HOSE ID	THREAD	A OAL	B CUT-OFF
SHFHY-06-06FA	3/8	5/8-18	-	-
SHFHY-12-12FA	3/4	1 1/16-14	-	-

Metric Stand Pipe (Tube Stub) - Straight



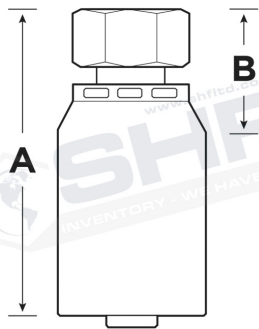
PART NO	HOSE ID	TUBING OD	A OAL	B CUT-OFF
SHFHY-04-06MTS	1/4	6 mm	2.734	1.408
SHFHY-04-08MTS	1/4	8 mm	2.797	1.494
SHFHY-06-10MTS	3/8	10 mm	2.958	1.605
SHFHY-06-12MTS	3/8	12 mm	2.958	1.605
SHFHY-06-14MTS	3/8	14 mm	2.937	1.546
SHFHY-08-15MTS	1/2	15 mm	3.053	1.630
SHFHY-10-18MTS	5/8	18 mm	3.042	1.632
SHFHY-12-22MTS	3/4	22 mm	3.428	1.968
SHFHY-16-28MTS	1	28 mm	3.688	2.061

Metric Stand Pipe (Tube Stub) - 90°



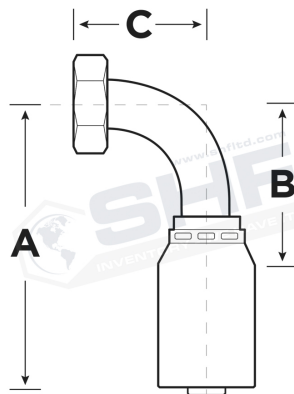
PART NO	HOSE ID	TUBING OD	A OAL	B CUT-OFF	C DROP
SHFHY-04-06MTS90	1/4	6 mm	2.858	1.375	1.193
SHFHY-04-08MTS90	1/4	8 mm	-	-	-
SHFHY-06-10MTS90	3/8	10 mm	3.305	1.857	1.769
SHFHY-06-12MTS90	3/8	12mm	-	-	-
SHFHY-08-15MTS90	1/2	15 mm	3.401	1.810	1.920
SHFHY-12-22MTS90	3/4	22 mm	4.070	2.516	2.365

DIN 24° Light - Straight



PART NO	HOSE ID	THREAD	A OAL	B CUT-OFF
SHFHY-04-06L	1/4	M 12 x 1.5	-	-
SHFHY-04-08L	1/4	M 14 x 1.5	-	-
SHFHY-06-10L	3/8	M 16 x 1.5	-	-
SHFHY-06-12L	3/8	M 18 x 1.5	-	-
SHFHY-08-15L	1/2	M 22 x 1.5	-	-
SHFHY-10-18L	5/8	M 26 x 1.5	-	-
SHFHY-12-22L	3/4	M 30 x 1.5	-	-
SHFHY-16-28L	1	M 36 x 2.0	-	-

DIN 24° Light - 90°



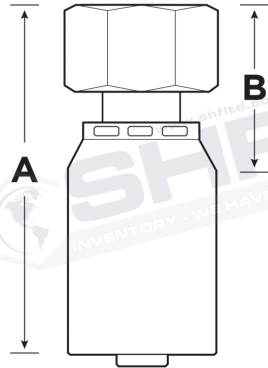
PART NO	HOSE ID	THREAD	A OAL	B CUT-OFF	C DROP
SHFHY-04-06L90	1/4	M 12 x 1.5	3.064	1.678	1.364
SHFHY-04-08L90	1/4	M 14 x 1.5	3.069	1.644	1.382
SHFHY-06-10L90	3/8	M 16 x 1.5	3.439	1.985	1.673
SHFHY-06-12L90	3/8	M 18 x 1.5	3.409	2.042	1.669
SHFHY-08-15L90	1/2	M 22 x 1.5	3.749	2.211	1.732
SHFHY-10-18L90	5/8	M 26 x 1.5	-	-	-
SHFHY-12-22L90	3/4	M 30 x 1.5	-	-	-
SHFHY-16-28L90	1	M 36 x 2.0	-	-	-

Note: DIN 24° Light - 45° sizes available upon request.



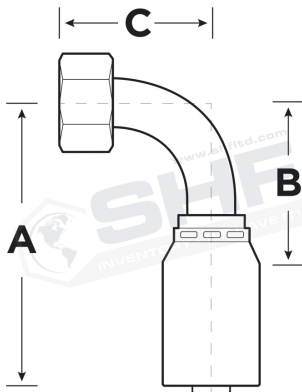
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DIN 24° Heavy - Straight



PART NO	HOSE ID	THREAD	A OAL	B CUT-OFF
SHFHY-04-06S	1/4	M 14 x 1.5	-	-
SHFHY-04-08S	1/4	M 16 x 1.5	-	-
SHFHY-06-10S	3/8	M 18 x 1.5	-	-
SHFHY-06-12S	3/8	M 20 x 1.5	-	-
SHFHY-08-14S	1/2	M 22 x 1.5	-	-
SHFHY-10-16S	5/8	M 24 x 1.5	-	-

DIN 24° Heavy - 90°



PART NO	HOSE ID	THREAD	A OAL	B CUT-OFF	C DROP
SHFHY-04-06S90	1/4	M 14 x 1.5	-	-	-
SHFHY-04-08S90	1/4	M 16 x 1.5	-	-	-
SHFHY-06-10S90	3/8	M 18 x 1.5	-	-	-
SHFHY-06-12S90	3/8	M 20 x 1.5	-	-	-
SHFHY-08-14S90	1/2	M 22 x 1.5	-	-	-
SHFHY-10-16S90	5/8	M 24 x 1.5	-	-	-

Note: DIN 24° Light - 45° sizes available upon request.

