



HYDRAULICS

CANGZHOU QC HYDRAULICS CO., LTD

沧州乾程液压器材有限公司



**43, HY & BW SERIES STAINLESS
STEEL ONE PIECE CRIMP FITTINGS
QC HYDRAULICS IS A STAINLESS STEEL MANUFACTURER**

» 2021

HEBEI CHINA 中国·河北



沧州乾程液压器材有限公司
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COMPANY INTRODUCTION

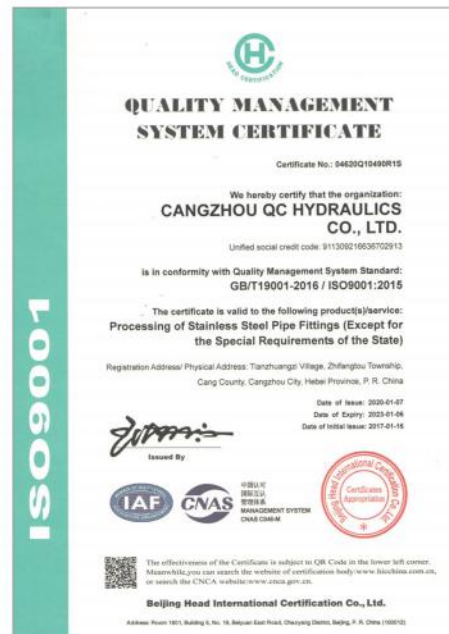
Cangzhou QC Hydraulics Co., Ltd was established in 1999, Over the years, QC Hydraulics has been developing into one of the world's most important manufacturers of stainless steel components. QC Hydraulics fittings meet or exceed SAE, JIC, DIN, ISO, JIS and international standards.

QC Hydraulics has a large products range for selection:

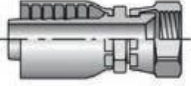

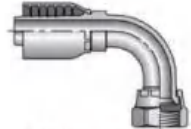
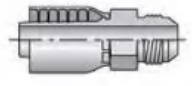
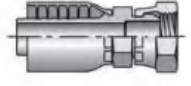
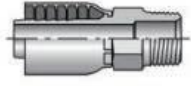
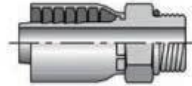
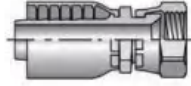

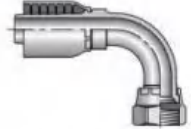
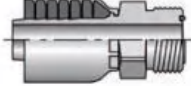
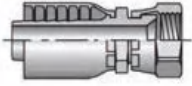

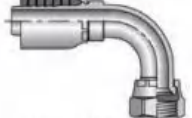
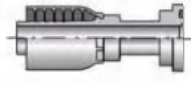

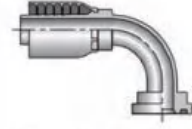
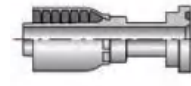
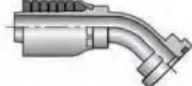
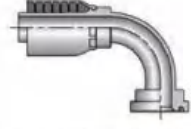
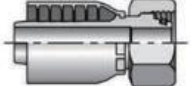


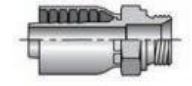


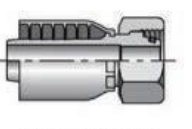
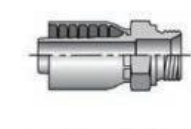
- SS one piece crimp hose fittings
- SS swaged hose fittings
- SS hydraulic adapters
- SS metric DIN tube fittings
- SS double & single ferrule compression tube fittings
- SS high pressure ball valves
- SS braided PTFE hose assembly
- Hydraulic hose assembly
- Material includes: AISI 304(1.4301), AISI 316L(1.4404), AISI 316Ti(1.4571)

Tube and hose fittings for heavy-duty industrial applications. Our customers trust the quality of QC Hydraulics products – and have for decades. Our fields of application:

- Chemical plants
- Hydraulic engineering and shipbuilding
- Railway technology
- Offshore technology
- Foundry and rolling mill technology
- Machine construction

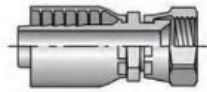


43 SERIES INDEX ONE PIECE TYPE CRIMP HOSE FITTING

<p>SS-43-FJX</p>  <p>37° Flare JIC Female Swivel</p> <p>P17</p>	<p>SS-43-FJX45</p>  <p>37° Flare JIC Female Swivel, 45°</p> <p>P18</p>	<p>SS-43-FJX90</p>  <p>37° Flare JIC Female Swivel, 90°</p> <p>P19</p>	<p>SS-43-MJ</p>  <p>37° Flare JIC Male Rigid</p> <p>P20</p>	<p>SS-43-FPX</p>  <p>NPT Female Swivel</p> <p>P20</p>
<p>SS-43-MP</p>  <p>Pipe Male Rigid</p> <p>P21</p>	<p>SS-43-MOR</p>  <p>O-Ring Boss Rigid (ORB) - Stainless</p> <p>P22</p>	<p>SS-43-FFX</p>  <p>O-Ring Face Seal (ORFS) Female Swivel</p> <p>P22</p>	<p>SS-43-FFX45</p>  <p>O-Ring Face Seal (ORFS) Female Swivel, 45°</p> <p>P23</p>	<p>SS-43-FFX90</p>  <p>O-Ring Face Seal (ORFS) Female Swivel, 90°</p> <p>P24</p>
<p>SS-43-MFF</p>  <p>O-Ring Face Seal (ORFS) Male Rigid - Stainless</p> <p>P25</p>	<p>SS-43-FBX</p>  <p>BSPP Female Swivel - Stainless</p> <p>P25</p>	<p>SS-43-FBX45</p>  <p>BSP 45° Female Swivel Elbow - Stainless</p> <p>P26</p>	<p>SS-43-FBX90</p>  <p>BSP Female Swivel, 90° Elbow - Stainless</p> <p>P26</p>	<p>SS-43-FL61</p>  <p>Code 61 Flange Rigid</p> <p>P27</p>
<p>SS-43-FL6145</p>  <p>Code 61 Flange Rigid, 45°</p> <p>P27</p>	<p>SS-43-FL6190</p>  <p>Code 61 Flange Rigid, 90°</p> <p>P28</p>	<p>SS-43-FL62</p>  <p>Code 62 Flange Rigid</p> <p>P28</p>	<p>SS-43-FL6245</p>  <p>Code 62 Flange Rigid, 45°</p> <p>P29</p>	<p>SS-43-FL6290</p>  <p>Code 62 Flange Rigid, 90°</p> <p>P29</p>
<p>SS-43-FDL</p>  <p>Metric DIN Light</p> <p>P30</p>	<p>SS-43-FDL45</p>  <p>Metric DIN Light, 45°</p> <p>P30</p>	<p>SS-43-FDL90</p>  <p>Metric DIN Light, 90°</p> <p>P31</p>	<p>SS-43-MDL</p>  <p>Male Metric DIN Light</p> <p>P31</p>	<p>SS-43-FDS45</p>  <p>Metric DIN Heavy, 45°</p> <p>P32</p>
<p>SS-43-FDS90</p>  <p>Metric DIN Heavy, 90°</p> <p>P32</p>	<p>SS-43-FDS</p>  <p>Metric DIN Heavy</p> <p>P33</p>	<p>SS-43-MDS</p>  <p>Male Metric DIN Heavy</p> <p>P33</p>		

BW SERIES INDEX ONE PIECE TYPE CRIMP HOSE FITTING

SS-BW-FJX



37° Flare JIC Female Swivel

P35

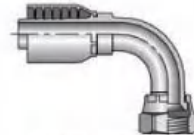
SS-BW-FJX45



37° Flare JIC Female Swivel, 45°

P36

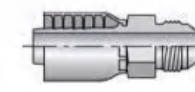
SS-BW-FJX90



37° Flare JIC Female Swivel, 90°

P37

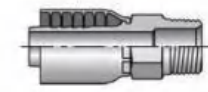
SS-BW-MJ



37° Flare JIC Male Rigid

P38

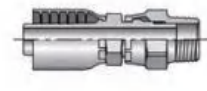
SS-BW-MP



Pipe Male Rigid

P39

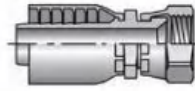
SS-BW-MPX



Pipe Male Swivel

P40

SS-BW-FFX



O-Ring Face Seal (ORFS) Female Swivel

P41

SS-BW-FFX45



O-Ring Face Seal (ORFS), 45°

P42

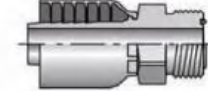
SS-BW-FFX90



O-Ring Face Seal (ORFS), 90°

P43

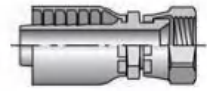
SS-BW-MFF



O-Ring Face Seal (ORFS) Male Rigid- Stainless

P44

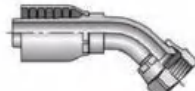
SS-BW-FBX



BSP Female Swivel- Stainless

P45

SS-BW-FBX45



BSP 45° Female Swivel Elbow - Stainless

P45

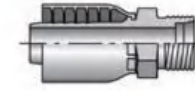
SS-BW-FBX90



BSP Female Swivel, 90° Elbow - Stainless

P46

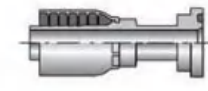
SS-BW-MBSP



BSP Male Swivel

P47

SS-BW-FL61



Code 61 Flange Rigid

P48

SS-BW-FL6145



Code 61 Flange Rigid, 45°

P48

SS-BW-FL6190



Code 61 Flange Rigid, 90°

P49

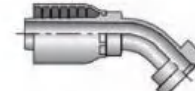
SS-BW-FL62



Code 62 Flange Rigid

P49

SS-BW-FL6245



Code 62 Flange Rigid, 45°

P50

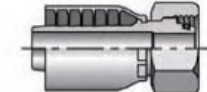
SS-BW-FL6290



Code 62 Flange Rigid, 90°

P50

SS-BW-FDL



Metric DIN Light

P51

SS-BW-FDL45



Metric DIN Light, 45°

P52

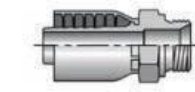
SS-BW-FDL90



Metric DIN Light, 90°

P52

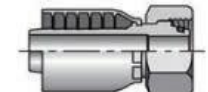
SS-BW-MDL



Metric DIN Male Light

P53

SS-BW-FDS



Metric DIN Heavy

P54

SS-BW-FDS45



Metric DIN Heavy, 45°

P55

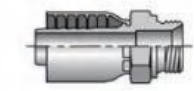
SS-BW-FDS90



Metric DIN Heavy, 90°

P56













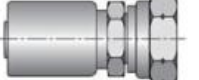


SS-BW-MDS



Male Metric DIN Heavy

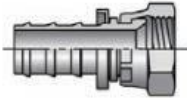
P57

ONE PIECE TYPE CRIMP HOSE FITTING HY SERIES INDEX

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<p>SS-HY-MP</p>  <p>Pipe Male Rigid</p> <p>P61</p>	<p>SS-HY-MOR</p>  <p>O-Ring Boss Rigid</p> <p>P62</p>	<p>SS-HY-FBX</p>  <p>BSPP Female Swivel</p> <p>P63</p>	<p>SS-HY-FBX90</p>  <p>FB Female Swivel, 90°</p> <p>P63</p>	<p>SS-HY-FDL</p>  <p>Metric DIN Light</p> <p>P64</p>
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PUSH ON SERIES INDEX

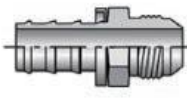
SS-PO-FJX



Push On - 37° Flare JIC
Female Swivel

P68

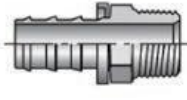
SS-PO-MJ



Push On - 37° Flare JIC
Male Rigid

P68


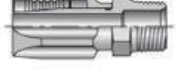
SS-PO-MP



Push On -Pipe Male Rigid

P69

REUSABLE SERIES INDEX

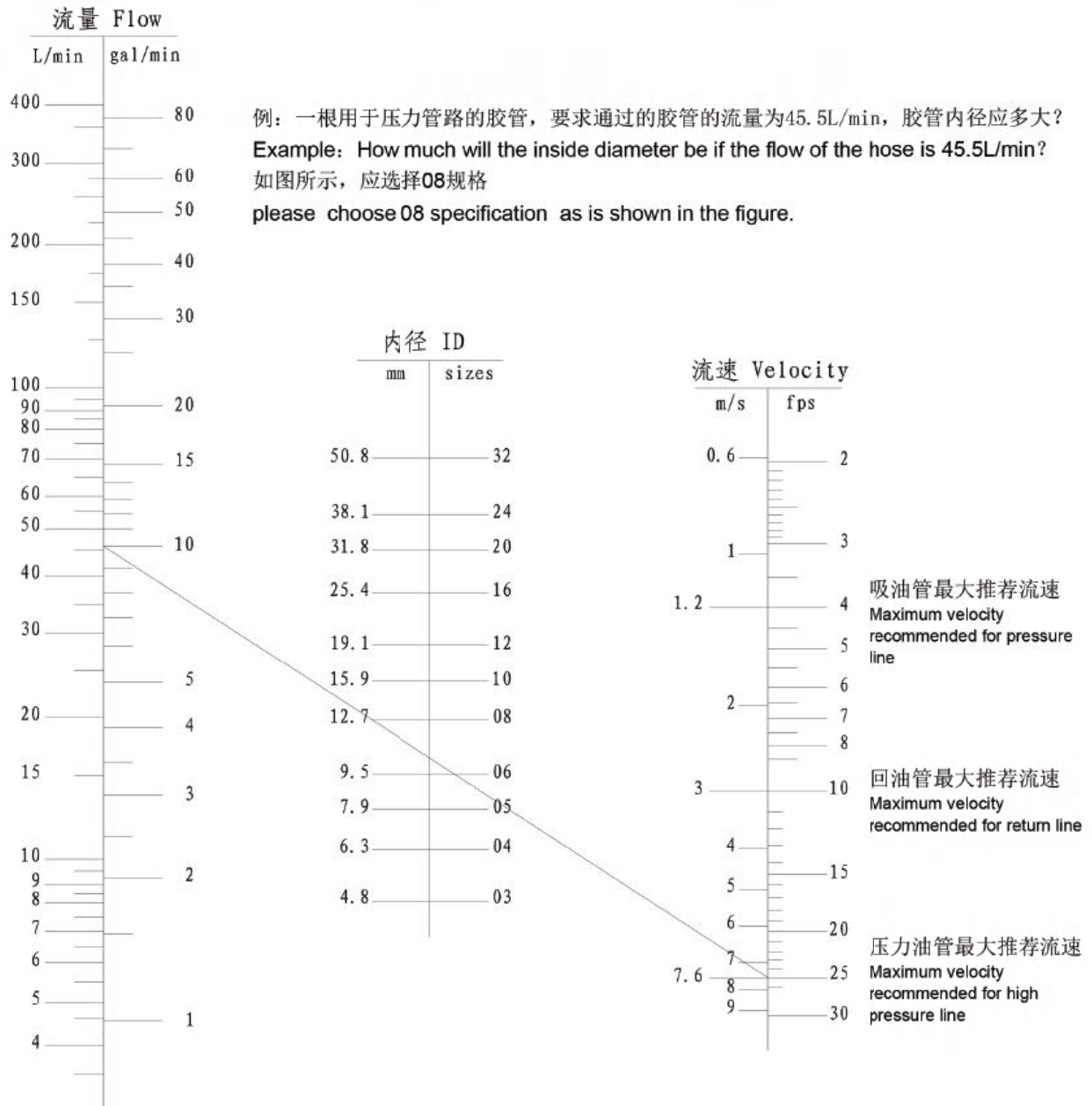
<p>SS-RR2-FJX</p>  <p>ReUsable JIC Female Swivel (R2 Hose)</p> <p>P71</p>	<p>SS-RR2-MP</p>  <p>ReUsable Male Pipe (R2 Hose)</p> <p>P71</p>
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软管内径的选择

How To Choose Hose With Right Inside Diameter

根据对于胶管的流量要求和流速要求, 利用所示图表, 可以迅速确定合适的胶管内径

According to the request of the flow and velocity, we can ascertain the proper inside diameter of hose quickly with the following chart



推荐流速的使用条件为最大粘度为65 cSt(20℃时)的液压油

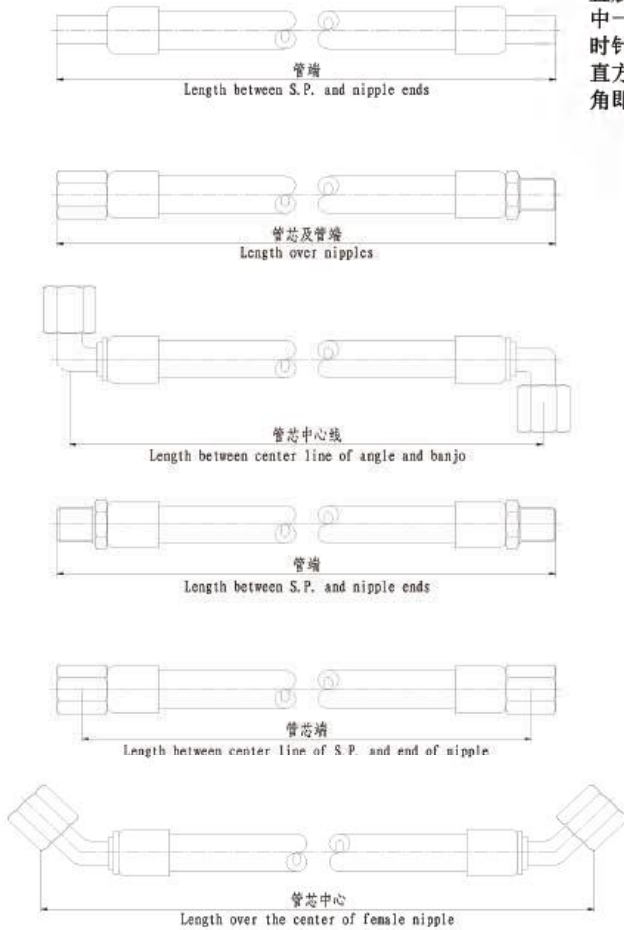
Recommended use condition: the maximum viscosity of hydraulic oil is 65cSt when the temperature is 20°

高压胶管总成

Hydraulic Hose Assembly

胶管总成长度表示法

How To Measure Assembly

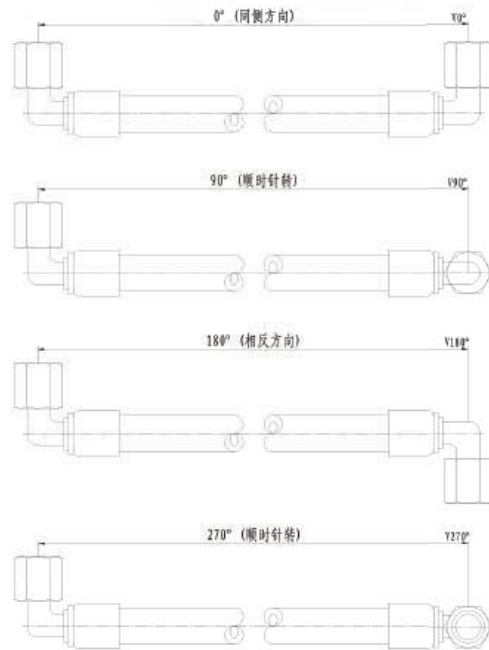


胶管总成装配角表示法

How To Measure Displacement Angle

置胶管总成在同一直线上，其中一个接头为垂直方向；按顺时针方向测量另一个接头与垂直方向接头之间的夹角。此夹角即为装配角。

To measure displacement angle of a hose assembly, point one end of coupling "1" to a vertical position upward. The angle can then be measured from the centerline of coupling "1" in a clockwise direction to the centerline of coupling "2"

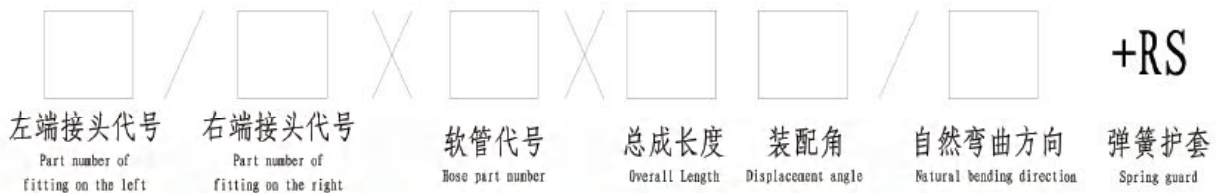


装配角允许误差 $\pm 3^\circ$

Displacement angle tolerance should be in $\pm 3^\circ$

软管总成的订货代号按下述方法表示:

Hose To Order Hose Assembly

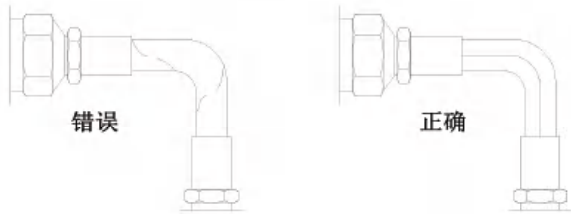


胶管安装指南

Correct Assembly Installation

正确地安装胶管至为重要，如胶管过长不但影响外观，而且增加成本。如胶管太短，当其受压而伸展或收缩时，没有足够的伸缩余地，会导致胶管被破坏。一下各图显示安装胶管时应注意的事项，依此安装可达最佳的工作效果并延长胶管的寿命

Install the hose in a correct way is very important, it will affect the hose's appearance and cost a lot while it is too long, but if the hose is too short, it cannot flex while being crushed. Both too long and too short can break down the hose. So pay more attention to the following guides before you install the assembly



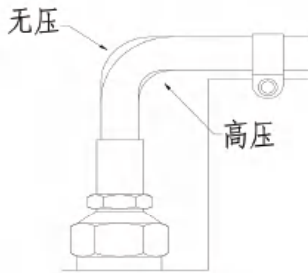
安装胶管时，切勿让其扭歪，否则当受压力时会破坏胶管或令连接处松脱。

Hose should not be twisted. Hose is weakened when installed in twisted position. Also pressure in twisted hose tends to loosen fitting connections. Design so that machine motion produces bending rather than twisting



安装直管时，应预留松位，使其受压移动时不致被拉紧甚至拉断

Since hose may change in length from +2% to -4% under the surge of high pressure, provide sufficient slack for expansion and contraction



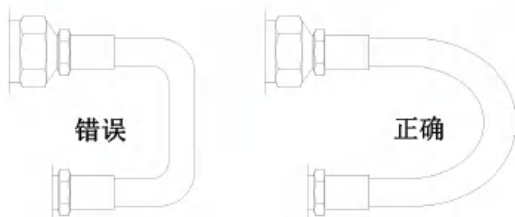
当胶管受压时，其长度会改变，因此切勿在弯曲位置上加任何夹子，使其能自由移动

Don't use any clamps at the inflexion so as it can move freely



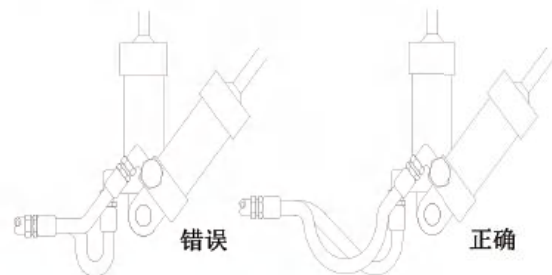
当胶管弯曲半径太小时，宜采用直角接头以免胶管出现急弯

Choose right angle fittings to avoid too small bending radius and excess force



为避免胶管被破坏及流量受限制，胶管弯曲半径应尽可能大

Hose bending radius should be as big as possible when it is in motion



安装于移动物体间的胶管，应预留足够的长度，并避免和其他物体摩擦

Reduce friction avoid hose touching the object directly or far away from the object

技术说明

Technical Instruction

影响胶管总成使用情况的因素很多，只有按照工况正确选用胶管及接头，才能保证使用胶管的可靠性和经济性。这些因素有：

There are many factors which can affect the usage condition of hose assembly, use the hose assembly and hose fittings in a correct way can ensure its reliability and economical efficiency. These factors are following:

1. 管尺寸 Hose Dimension

胶管内径要适当。管径过小会加大管路内介质的流速，使系统发热，降低效率，而且会产生过大的压力降，影响整个系统的性能。若胶管采用管夹固定或胶管过钢板等间隔物时，也要注意胶管的外径尺寸。

The selection of hose inside diameter must be correctly made. If the hose inside diameter is too small, it will speed up the medium in the pipe-line, heated the system, lower the efficiency and produce excessive pressure drop which will affect the whole system's capability. If it will fix with hose clamp or cross the steel board, the outside diameter of hose should be pay more attention

2. 工作压力 Working Pressure

资料中有关胶管的动态工作压力是指胶管连续工作时允许的最高压力。按照有关国际标准规定的液压胶管的安全系数，我们推荐的工作压力通常为胶管最低爆破压力值的四分之一

The dynamic working pressure in this catalog refers to the allowable maximum pressure in condition of continuously working. According to the safety modulus of hydraulic hose ruled by international standard, we recommend that the working pressure is one fourth of the minimum blast pressures

3. 冲击压力和疲劳寿命 Impact Pressure & Fatigue Life-span

胶管的选择是根据液压系统设计的最高压力值来确定的。由于液压系统的压力值通常是动态的，有时会出现冲击压力，冲击压力峰值会大大高于系统的最高压值。但系统上一般都有溢流阀，故冲击压力不会严重影响胶管的疲劳寿命。对于冲击压力特别频繁的液压系统，建议选用特别耐脉动冲击的胶管产品

After determining the maximum system pressure for a hydraulic system, hose selection can be made. For the hydraulic system's pressure always be dynamic, there often appears an impact pressure, the maximum impact pressure is much higher than the maximum system pressure. To be luckily, there is an overflow valve in every hydraulic system, so high impact pressure cannot affect the fatigue life-span seriously. As for hydraulic system whose impact pressure appears very frequently, we advise you choose the special hydraulic hose which is able to endure the high impact pressure

4. 温度范围 Temperature Range

用户应该在胶管质量规范允许的温度内使用胶管，如果工作环境温度超过这一范围，将会影响到胶管的寿命，其承压能力也会大大降低。工作环境温度长期过高或过低的系统，建议采用软管护套

User must ensure that the temperature is in an allowable range of hose, if exceeding this range, the life-span of hose will be shorten, and the capacity to endure pressure will get down. If the working condition temperature keep too high or too low in a long time, we advice you use the hose spring guard

5. 化学相容性 Chemical Compatibility

若使用特殊的液压介质，用户应确保所选用的胶管总成其胶管内、外层、接头以及O型密封圈与介质相容

If use special hydraulic medium, user should ensure the material of hose inner side and cover, the hose fittings and O-ring can compatible with the special hydraulic medium

6. 弯曲半径 Bending Radius

安装胶管总成时应注意到胶管的最小弯曲半径，若弯曲半径过小，将降低胶管的承压能力并影响其使用寿命

Pay more attention to its minimum bending radius when install the hose assembly, if the bending radius is smaller than the minimum one, the capacity of enduring pressure will get down and the life-span of hose will be shortened

7. 摩擦 Friction

胶管在使用时如常与硬物接触或摩擦，建议在胶管外部加弹簧护套

We advised you use a spring guard if the hose assembly is always in the condition of touching and making friction with hard object

有关海荣高压软管总成的其他技术问题，欢迎垂询

If any technical questions about HiRon hydraulic hose assembly, please contact us for further information

软管代号及技术参数表
HOSE PART NO.AND SPECIFICATION

		软管简号		通径		5	6	8	10	13	16	19	22	25	32	38	51
				标号		-03	-04	-05	-06	-08	-10	-12	-14	-16	-20	-24	-32
钢丝	SAE 100R1AT	1T	最小弯曲半径	89	102	114	127	15.5	17.8	20.3	24.1	28.0	30.5	41.9	50.8	63.5	
			工作压力(Mpa)	20.7	19.0	17.2	15.5	13.8	10.3	8.6	6.9	4.3	3.4	2.6			
编织	SAE 100R2AT	2T	最小弯曲半径	89	102	114	127	15.5	17.8	20.3	24.1	28.0	30.5	41.9	50.8	63.5	
			工作压力(Mpa)	34.5	34.5	29.3	27.6	24.1	19.0	15.5	13.8	11.2	8.6	7.8			
软管	DIN 20022 1SN	1SN	最小弯曲半径	90	100	115	130	18.0	20.5	24.1	28.0	30.5	41.9	50.8	63.5		
			工作压力(Mpa)	25.0	22.5	21.5	18.0	16.0	13.0	10.5	8.8	6.3	5.0	4.0			
	DIN 20022 2SN	2SN	最小弯曲半径	90	100	115	130	18.0	20.5	24.1	28.0	30.5	41.9	50.8	63.5		
			工作压力(Mpa)	41.5	40.0	35.0	33.0	27.5	25	21.5	16.5	12.5	9.0	8.0			
	GB 3683 1型	1W	最小弯曲半径	90	100	115	130	18.0	20.5	24.1	28.0	30.5	41.9	50.8	63.5		
			工作压力(Mpa)	21.0	20.0	17.5	16.0	14.0	10.5	9.0	7.0	4.4	3.5	2.6			
GB 3683 2型	2W	最小弯曲半径	90	100	115	130	18.0	20.5	24.1	28.0	30.5	41.9	50.8	63.5			
		工作压力(Mpa)	35.0	35.0	32.0	28.0	25.0	20.0	16.0	14.0	11.0	9.0	8.0				
钢丝	SAE 100 R12	R12	最小弯曲半径				127	178	203	241	280	305	419	508	635		
			工作压力(Mpa)				27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	20.7	17.2	17.2
缠绕	DIN 20023-4SP	4SP	最小弯曲半径		150		180	230	250	300	340	460	560	660			
			工作压力(Mpa)		50.0		46.0	42.5	40.0	38.0	32.0	21.0	18.5	17.5			
软管	DIN 20023-4SH	4SH	最小弯曲半径					250	280	340	460	560	700				
			工作压力(Mpa)					45.0	42.0	38.5	35.0	30.0	25.0				
	GB10544 3型	4SC	最小弯曲半径	100	125	140	150	205	235	280	360	460	560	710			
			工作压力(Mpa)	69.0	60.5	56.0	51.5	43.0	38.0	34.5	27.5	20.5	17.0	17.0			
GB10544 4型	4SE	最小弯曲半径					200				280		340	460	560	700	
		工作压力(Mpa)					55.0			42.0		38.0	32.5	29.0	25.0		

HYDRAULIC HOSE

一层钢丝编织软管 One Wire Braid Hose (SAE 100R1AT)

内衬层 Inner Tube: 耐油合成橡胶 Oil Resistant Synthetic Rubber

增强层 Reinforcement: 1层钢丝编织增强层 A Single Wire Braid Reinforcement

外覆层 Cover: 耐油耐恶劣天气合成橡胶 Oil And Weather Resistant Synthetic

温度范围 Temperature Range: -40℃~+100℃

可用接头芯 Insert: xxxx1-xx-xx系列 xxxx1-xx-xx Series



软管代号 HOSE PART NO.	公称内径 DN	软管尺寸 HOSE SIZE		软管内径 HOSE I.D.	软管外径 HOSE O.D.	最大工作压力 MAX W.P.	最小爆破压力 MIN.BURST PRESSURE	最小弯曲半径 MIN.BEND.RADIU S	配用套筒 FERRULE
		mm	DASH Inch						
1T03	5	-03	3/16"	4.8	11.8	20.7	82.7	89	00110-03A
1T04	6	-04	1/4"	6.4	13.4	19.0	75.8	102	00110-04A
1T05	8	-05	5/16"	7.9	15.0	17.2	68.9	114	00110-05A
1T06	10	-06	3/8"	9.5	17.4	15.5	62.0	127	00110-06A
1T08	13	-08	1/2"	12.7	20.6	13.8	55.2	178	00110-08A
1T10	16	-10	5/8"	15.9	23.7	10.3	41.4	203	00110-10A
1T12	19	-12	3/4"	19.0	27.7	8.6	34.5	241	00110-12A
1T16	25	-16	1"	25.4	35.6	6.9	27.6	305	00110-16A
1T20	32	-20	1.1/4"	31.8	43.5	4.3	17.2	419	00110-20
1T24	38	-24	1.1/2"	38.1	50.6	3.4	13.8	508	00110-24
1T32	51	-32	2"	50.8	64.1	2.6	10.3	635	00110-32

一层钢丝编织软管 One Wire Braid Hose (EN 853 1SN)

内衬层 Inner Tube: 耐油合成橡胶 Oil Resistant Synthetic Rubber

增强层 Reinforcement: 1层钢丝编织增强层 A Single Wire Braid Reinforcement

外覆层 Cover: 耐油耐恶劣天气合成橡胶 Oil And Weather Resistant Synthetic

温度范围 Temperature Range: -40℃~+100℃

可用接头芯 Insert: xxxx1-xx-xx系列 xxxx1-xx-xx Series



软管代号 HOSE PART NO.	公称内径 DN	软管尺寸 HOSE SIZE		软管内径 HOSE I.D.	软管外径 HOSE O.D.	最大工作压力 MAX W.P.	最小爆破压力 MIN.BURST PRESSURE	最小弯曲半径 MIN.BEND.RADIU S	配用套筒 FERRULE
		mm	DASH Inch						
1SN03	5	-03	3/16"	4.8	11.8	25.0	100.0	90	00110-03A
1SN04	6	-04	1/4"	6.4	13.4	22.5	90.0	100	00110-04A
1SN05	8	-05	5/16"	7.9	15.0	21.5	85.0	115	00110-05A
1SN06	10	-06	3/8"	9.5	17.4	18.0	72.0	130	00110-06A
1SN08	13	-08	1/2"	12.7	20.6	16.0	64.0	180	00110-08A
1SN10	16	-10	5/8"	15.9	23.7	13.0	52.0	200	00110-10A
1SN12	19	-12	3/4"	19.0	27.7	10.5	42.0	240	00110-12A
1SN16	25	-16	1"	25.4	35.6	8.8	35.0	300	00110-16A
1SN20	32	-20	1.1/4"	31.8	43.5	6.3	25.0	420	00110-20
1SN24	38	-24	1.1/2"	38.1	50.6	5.0	20.0	500	00110-24
1SN32	51	-32	2"	50.8	64.1	4.0	16.0	630	00110-32

二层钢丝编织软管 Two Wire Braid Hose (SAE 100R2AT)

内衬层 Inner Tube: 耐油合成橡胶 Oil Resistant Synthetic Rubber

增强层 Reinforcement: 2层钢丝编织增强层 Two Braids Of Wire Reinforcement

外覆层 Cover: 耐油耐恶劣天气合成橡胶 Oil And Weather Resistant Synthetic

温度范围 Temperature Range: -40℃~+100℃

可用接头芯 Insert: xxxx1-xx-xx系列 xxxx1-xx-xx Series



软管代号 HOSE PART NO.	公称内径 DN	软管尺寸 HOSE SIZE		软管内径 HOSE I.D.	软管外径 HOSE O.D.	最大工作压力 MAX W.P.	最小爆破压力 MIN.BURST PRESSURE	最小弯曲半径 MIN.BEND.RADIU S	配用套筒 FERRULE
		mm	DASH Inch						
2T03	5	-03	3/16"	4.8	13.4	34.5	137.9	89	03310-03
2T04	6	-04	1/4"	6.4	15.0	34.5	137.9	102	03310-04
2T05	8	-05	5/16"	7.9	16.7	29.3	117.2	114	03310-05
2T06	10	-06	3/8"	9.5	19.1	27.6	110.3	127	03310-06
2T08	13	-08	1/2"	12.7	22.2	24.1	96.5	178	03310-08
2T10	16	-10	5/8"	15.9	25.4	19.0	75.8	203	03310-10
2T12	19	-12	3/4"	19.0	29.3	15.1	62.0	241	03310-12
2T16	25	-16	1"	25.4	38.1	13.8	55.2	305	03310-16
2T20	32	-20	1.1/4"	31.8	48.3	11.2	44.8	419	03310-20
2T24	38	-24	1.1/2"	38.1	54.6	8.6	34.5	508	03310-24
2T32	51	-32	2"	50.8	67.4	7.8	31.0	635	03310-32

二层钢丝编织软管 Two Wire Braid Hose (EN 853 1SN)

内衬层 Inner Tube: 耐油合成橡胶 Oil Resistant Synthetic Rubber

增强层 Reinforcement: 2层钢丝编织增强层 Two Braids Of Wire Reinforcement

外覆层 Cover: 耐油耐恶劣天气合成橡胶 Oil And Weather Resistant Synthetic

温度范围 Temperature Range: -40℃~+100℃

可用接头芯 Insert: xxxx1-xx-xx系列 xxxx1-xx-xx Series



软管代号 HOSE PART NO.	公称内径 DN	软管尺寸 HOSE SIZE		软管内径 HOSE I.D.	软管外径 HOSE O.D.	最大工作压力 MAX W.P.	最小爆破压力 MIN.BURST PRESSURE	最小弯曲半径 MIN.BEND.RADIU S	配用套筒 FERRULE
		mm	DASH Inch						
2SN03	5	-03	3/16"	4.8	13.4	41.5	165.0	90	03310-03
2SN04	6	-04	1/4"	6.4	15.0	40.0	160.0	100	03310-04
2SN05	8	-05	5/16"	7.9	16.7	35.0	140.0	115	03310-05
2SN06	10	-06	3/8"	9.5	19.1	33.0	132.0	130	03310-06
2SN08	13	-08	1/2"	12.7	22.2	27.5	110.0	180	03310-08
2SN10	16	-10	5/8"	15.9	25.4	25.0	100.0	200	03310-10
2SN12	19	-12	3/4"	19.0	29.3	21.5	85.0	240	03310-12
2SN16	25	-16	1"	25.4	38.1	16.5	65.0	300	03310-16
2SN20	32	-20	1.1/4"	31.8	48.3	12.5	50.0	420	03310-20
2SN24	38	-24	1.1/2"	38.1	54.6	9.0	36.0	500	03310-24
2SN32	51	-32	2"	50.8	67.4	8.0	32.0	630	03310-32

HYDRAULIC HOSE

钢丝缠绕软管 Wire Spiral Hose (GB/T10544 R12-**SAE 100 R12-EN 856 R12**)

内衬层 Inner Tube: 耐油合成橡胶 Oil Resistant Synthetic Rubber

增强层 Reinforcement: 4层钢丝缠绕增强层 Four Wire Spirals Reinforcement

外覆层 Cover: 耐油耐恶劣天气合成橡胶 Oil And Weather Resistant Synthetic

温度范围 Temperature Range: -40℃~+120℃

可用接头芯 Insert: xxxx2-xx-xx系列 xxxx2-xx-xx Series



软管代号 HOSE PART NO.	公称内径 DN	软管尺寸 HOSE SIZE		软管内径 HOSE I.D.	软管外径 HOSE O.D.	最大工作压力 MAX W.P.	最小爆破压力 MIN.BURST PRESSURE	最小弯曲半径 MIN.BEND.RADIU S	配用套筒 FERRULE
		mm	DASH						
R1206	10	-06	3/8"	9.5	20.3	27.6	110.3	127	00400-06
R1208	13	-08	1/2"	12.7	23.8	27.6	110.3	178	00400-08
R1210	16	-10	5/8"	15.9	27.4	27.6	110.3	203	00400-10
R1212	19	-12	3/4"	19.0	30.7	27.6	110.3	241	00400-12
R1216	25	-16	1"	25.4	38.0	27.6	110.3	305	00400-16
R1220	32	-20	1.1/4"	31.8	47.0	20.7	82.7	419	01400-20
R1224	38	-24	1.1/2"	38.1	53.5	17.2	69.0	508	01400-24
R1232	51	-32	2"	50.8	66.7	17.2	69.0	635	00401-32

钢丝缠绕软管 Wire Spiral Hose (GB/T 10544 4SP-**EN 856 4SP**)

内衬层 Inner Tube: 耐油合成橡胶 Oil Resistant Synthetic Rubber

增强层 Reinforcement: 4层钢丝缠绕增强层 Four Wire Spirals Reinforcement

外覆层 Cover: 耐油耐恶劣天气合成橡胶 Oil And Weather Resistant Synthetic

温度范围 Temperature Range: -40℃~+100℃

可用接头芯 Insert: xxxx2-xx-xx系列 xxxx2-xx-xx Series



软管代号 HOSE PART NO.	公称内径 DN	软管尺寸 HOSE SIZE		软管内径 HOSE I.D.	软管外径 HOSE O.D.	最大工作压力 MAX W.P.	最小爆破压力 MIN.BURST PRESSURE	最小弯曲半径 MIN.BEND.RADIU S	配用套筒 FERRULE
		mm	DASH						
4SP04	6	-04	1/4"	6.4	17.9	45.0	180.0	150	00400-04
4SP06	10	-06	3/8"	9.5	21.4	44.5	178.0	180	00400-06
4SP08	13	-08	1/2"	12.7	24.6	41.5	166.0	230	00400-08
4SP10	16	-10	5/8"	15.9	28.2	35.0	140.0	250	00400-10
4SP12	19	-12	3/4"	19.0	32.2	35.0	140.0	300	00400-12
4SP16	25	-16	1"	25.4	39.7	28.0	112.0	340	00400-16
4SP20	32	-20	1.1/4"	31.8	50.8	21.0	84.0	460	00400-20
4SP24	38	-24	1.1/2"	38.1	57.2	18.5	74.0	560	00400-24
4SP32	51	-32	2"	50.8	69.8	16.5	66.0	660	00400-32

钢丝缠绕软管 Wire Spiral Hose (GB/T10544 4SH-EN 856 4SH)

内衬层 Inner Tube: 耐油合成橡胶 Oil Resistant Synthetic Rubber

增强层 Reinforcement: 4层钢丝缠绕增强层 Four Wire Spirals Reinforcement

外覆层 Cover: 耐油耐恶劣天气合成橡胶 Oil And Weather Resistant Synthetic

温度范围 Temperature Range: -40℃~100℃

可用接头芯 Insert: xxxx2-xx-xx系列 xxxx2-xx-xx Series



软管代号 HOSE PART NO.	公称内径 DN	软管尺寸 HOSE SIZE		软管内径 HOSE I.D.	软管外径 HOSE O.D.	最大工作压力 MAX W.P.	最小爆破压力 MIN.BURST PRESSURE	最小弯曲半径 MIN.BEND.RADIU S	配用套筒 FERRULE
		DASH	Inch						
4SH12	19	-12	3/4"	19.0	32.2	42.0	168.0	280	00400-12
4SH16	25	-16	1"	25.4	38.7	38.0	152.0	340	00400-16
4SH20	32	-20	1.1/4"	31.8	45.5	32.5	130.0	460	00401-20
4SH24	38	-24	1.1/2"	38.1	53.5	29.0	116.0	560	00401-24
4SH32	51	-32	2"	50.8	68.1	25.0	100.0	700	00401-32

钢丝缠绕软管 Wire Spiral Hose (GB/T 10544 R13-SAE 100 R13-EN 856 R13)

内衬层 Inner Tube: 耐油合成橡胶 Oil Resistant Synthetic Rubber

增强层 Reinforcement: 6层钢丝缠绕增强层 Six Wire Spirals Reinforcement

外覆层 Cover: 耐油耐恶劣天气合成橡胶 Oil And Weather Resistant Synthetic

温度范围 Temperature Range: -40℃~+100℃

可用接头芯 Insert: xxxx3-xx-xx系列 xxxx3-xx-xx Series



软管代号 HOSE PART NO.	公称内径 DN	软管尺寸 HOSE SIZE		软管内径 HOSE I.D.	软管外径 HOSE O.D.	最大工作压力 MAX W.P.	最小爆破压力 MIN.BURST PRESSURE	最小弯曲半径 MIN.BEND.RADIU S	配用套筒 FERRULE
		DASH	Inch						
R1312	19	-12	3/4"	19.0	32.1	34.5	137.9	241	00621-12
R1316	25	-16	1"	25.4	38.7	34.5	137.9	305	00621-16
R1320	32	-20	1.1/4"	31.8	49.8	34.5	137.9	419	00621-20
R1324	38	-24	1.1/2"	38.1	57.3	34.5	137.9	508	00621-24
R1332	51	-32	2"	50.8	71.8	34.5	137.9	635	00621-32

HYDRAULIC HOSE

钢丝缠绕软管 Wire Spiral Hose (GB/T10544 R15-SAE 100 R15-EN 856 R15)

内衬层 Inner Tube: 耐油合成橡胶 Oil Resistant Synthetic Rubber

增强层 Reinforcement: 6层钢丝缠绕增强层 Six Wire Spirals Reinforcement

外覆层 Cover: 耐油耐恶劣天气合成橡胶 Oil And Weather Resistant Synthetic

温度范围 Temperature Range: -40℃~+100℃

可用接头芯 Insert: xxxx3-xx-xx系列 xxxx3-xx-xx Series



软管代号 HOSE PART NO.	公称内径 DN	软管尺寸 HOSE SIZE		软管内径 HOSE I.D.	软管外径 HOSE O.D.	最大工作压力 MAX W.P.	最小爆破压力 MIN.BURST PRESSURE	最小弯曲半径 MIN.BEND.RADIU S	配用套筒 FERRULE
		DASH	Inch						
R1512	19	-12	3/4"	19.0	31.6	42.0	168.0	280	00621-12
R1516	25	-16	1"	25.4	38.6	42.0	168.0	300	00621-16
R1520	32	-20	1.1/4"	31.8	49.6	42.0	168.0	400	00621-20
R1524	38	-24	1.1/2"	38.1	56.5	42.0	168.0	500	00621-24

树脂软管 Wire Spiral Hose (SAE 100R7-EN855 R7)

内衬层 Inner Tube: 热塑性塑料聚脂 Thermoplastic Polyset

增强层 Reinforcement: 2层高强度聚酯编织增强层 Two Braids Of High Tenacity Polyester Reinforcement

外覆层 Cover: 耐油耐恶劣天气耐摩擦耐臭氧聚氨酯 Oil Fuel Weather Ozone And Abrasion Thermoplastic Polyurethane

温度范围 Temperature Range: -40℃~+93℃

可用接头芯 Insert: xxxx1S-xx-xx系列 xxxx1S-xx-xx Series

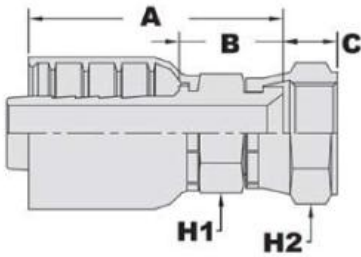


软管代号 HOSE PART NO.	公称内径 DN	软管尺寸 HOSE SIZE		软管内径 HOSE I.D.	软管外径 HOSE O.D.	最大工作压力 MAX W.P.	最小爆破压力 MIN.BURST PRESSURE	最小弯曲半径 MIN.BEND.RADIU S	配用套筒 FERRULE
		DASH	Inch						
RT03	5	-03	3/16"	4.8	9.5	20.7	82.7	40	00018-03
RT04	6	-04	1/4"	6.4	11.9	19.0	75.8	50	00018-04
RT05	8	-05	5/16"	7.9	14.3	17.2	68.9	60	00018-05
RT06	10	-06	3/8"	9.5	16.5	15.5	62.0	75	00018-06
RT08	13	-08	1/2"	12.7	20.4	13.8	55.2	95	00018-08

Series 43 Crimp Fittings



43 SERIES



Product Number: SS-43-FJX

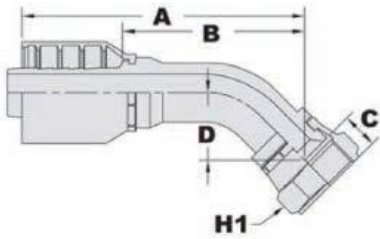
Name: 37° Flare JIC Female Swivel

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			H1	H2
			A	B	C		
SS-43-FJX-04-04	1/4	7/16 -20	1.61	0.83	0.34	0.56	0.56
SS-43-FJX-04-05	1/4	1/2 -20	1.65	0.87	0.37	0.56	0.56
SS-43-FJX-04-06	1/4	9/16 -18	1.65	0.87	0.37	0.56	0.69
SS-43-FJX-06-06	3/8	9/16 -18	1.97	0.91	0.37	0.69	0.69
SS-43-FJX-06-08	3/8	3/4 -16	1.97	0.91	0.42	0.69	0.87
SS-43-FJX-08-08	1/2	3/4 -16	2.13	0.91	0.42	0.87	0.87
SS-43-FJX-08-10	1/2	7/8 -14	2.17	0.94	0.50	0.87	1.00
SS-43-FJX-10-10	5/8	7/8 -16	2.48	0.98	0.50	0.87	1.00
SS-43-FJX-10-12	5/8	1-1/16 -12	2.56	1.06	0.56	1.06	1.25
SS-43-FJX-12-12	3/4	1-1/16 -12	2.60	1.06	0.56	1.06	1.25
SS-43-FJX-12-16	3/4	1-5/16 -12	2.60	1.30	0.59	1.06	
SS-43-FJX-16-16	1	1-5/16 -12	3.07	1.30	0.59	1.50	1.37
SS-43-FJX-16-20	1	1-5/8 -12	3.15	1.34	0.63	2.00	2.00
SS-43-FJX-20-20	1.25	1-5/8 -12	3.23	1.38	0.63	2.00	2.00
SS-43-FJX-24-24	1.5	1-7/8 -12	4.02	1.69	0.73	2.25	2.12
SS-43-FJX-32-32	2	2-1/2 -12	4.96	2.17	0.94	2.50	2.87



Product Number: SS-43-FJX45

Name: 37° Flare JIC Female Swivel, 45°

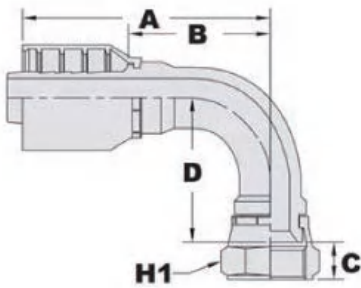
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				H1
			A	B	C	D	
SS-43-FJX90-04-04	1/4	7/16 -20	2.01	1.18	0.34	0.94	0.56
SS-43-FJX90-04-06	1/4	9/16 -18	2.01	1.18	0.37	0.98	0.69
SS-43-FJX90-06-06	3/8	9/16 -18	2.72	1.65	0.37	1.14	0.69
SS-43-FJX90-06-08	3/8	3/4 -16	2.72	1.65	0.42	1.14	0.87
SS-43-FJX90-08-08	1/2	3/4 -16	2.76	1.50	0.42	1.22	0.87
SS-43-FJX90-08-10	1/2	7/8 -14	2.76	1.50	0.50	1.22	1.00
SS-43-FJX90-08-12	1/2	1-1/16 -12	2.76	1.50	0.56	1.22	1.25
SS-43-FJX90-10-10	5/8	7/8 -14	2.80	1.65	0.50	1.38	1.00
SS-43-FJX90-12-12	3/4	1-1/16 -12	3.98	2.40	0.56	1.97	1.25
SS-43-FJX90-16-16	1	1-5/16 -12	4.96	3.19	0.59	2.44	2.50
SS-43-FJX90-20-20	1.25	1-5/8 -12	5.51	3.66	0.63	3.23	1.98
SS-43-FJX90-24-24	1.5	1-7/8 -12	5.94	3.58	0.73	3.39	2.12
SS-43-FJX90-32-32	2	2-1/2 -12	8.11	5.31	0.94	5.28	2.87

43 SERIES



Product Number: SS-43-FJX90

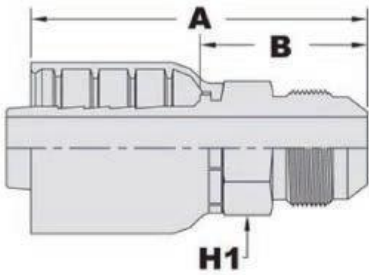
Name: 37° Flare JIC Female Swivel, 90°

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				H1	L1 1.020
			A	B	C	D		
SS-43-FJX90-04-04	1/4	7/16 -20	2.01	1.18	0.34	0.94	0.56	1.290
SS-43-FJX90-04-06	1/4	9/16 -18	2.01	1.18	0.37	0.98	0.69	1.420
SS-43-FJX90-06-06	3/8	9/16 -18	2.72	1.65	0.37	1.14	0.69	1.480
SS-43-FJX90-06-08	3/8	3/4 -16	2.72	1.65	0.42	1.14	0.87	1.480
SS-43-FJX90-08-08	1/2	3/4 -16	2.76	1.50	0.42	1.22	0.87	1.520
SS-43-FJX90-08-10	1/2	7/8 -14	2.76	1.50	0.50	1.22	1.00	1.780
SS-43-FJX90-08-12	1/2	1-1/16 -12	2.76	1.50	0.56	1.22	1.25	1.750
SS-43-FJX90-10-10	5/8	7/8 -14	2.80	1.65	0.50	1.38	1.00	1.660
SS-43-FJX90-12-12	3/4	1-1/16 -12	3.98	2.40	0.56	1.97	1.25	1.840
SS-43-FJX90-16-16	1	1-5/16 -12	4.96	3.19	0.59	2.44	2.50	1.970
SS-43-FJX90-20-20	1.25	1-5/8 -12	5.51	3.66	0.63	3.23	1.98	1.910
SS-43-FJX90-24-24	1.5	1-7/8 -12	5.94	3.58	0.73	3.39	2.12	1.970
SS-43-FJX90-32-32	2	2-1/2 -12	8.11	5.31	0.94	5.28	2.87	2.180



Product Number: SS-43-MJ

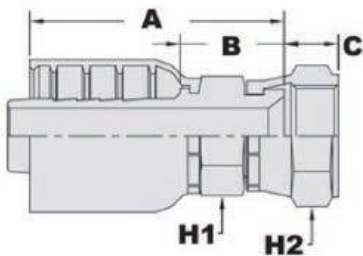
Name: 37° Flare JIC Male Rigid

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)		H1
			A	B	
SS-43-MJ-04-04	1/4	7/16 -20	1.81	1.02	0.56
SS-43-MJ-06-06	3/8	9/16 -18	2.13	1.06	0.75
SS-43-MJ-08-08	1/2	3/4 -16	2.40	1.18	0.87
SS-43-MJ-10-10	5/8	7/8 -14	2.80	1.30	0.94
SS-43-MJ-12-12	3/4	1-1/16 -12	3.07	1.54	1.12
SS-43-MJ-16-16	1	1-5/16 -12	3.35	1.57	1.37
SS-43-MJ-20-20	1.25	1-5/8 -12	3.58	1.73	1.87



Product Number: SS-43-FPX

Name: NPT Female Swivel

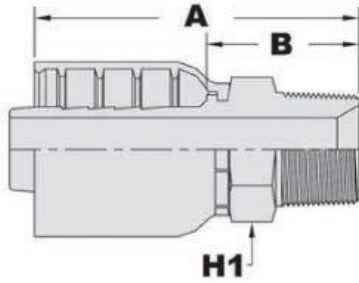
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			H1	H2
			A	B	C		
SS-43-FPX-04-04	1/4	1/4 -19	1.77	0.98	0.17	0.67	0.75
SS-43-FPX-06-06	3/8	3/8 -19	2.17	1.10	0.24	0.75	0.87
SS-43-FPX-08-08	1/2	1/2 -14	2.36	1.14	0.26	0.87	1.06
SS-43-FPX-10-10	5/8	5/8 -14	2.64	1.14	0.30	1.06	1.06
SS-43-FPX-12-12	3/4	3/4 -14	2.80	1.26	0.35	1.06	1.42
SS-43-FPX-16-16	1	1 -11	3.19	1.42	0.42	1.42	1.61
SS-43-FPX-20-20	1.25	1-1/4 -11	3.66	1.81	0.41	1.81	1.97

43 SERIES



Product Number: SS-43-MP

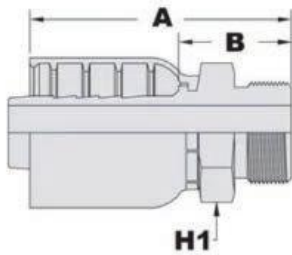
Name: Pipe Male Rigid

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

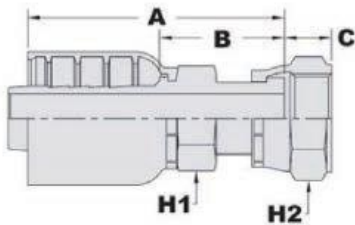
Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)		H1
			A	B	
SS-43-MP-04-02	1/4	1/8 -27	1.65	0.85	0.56
SS-43-MP-04-04	1/4	1/4 -18	1.81	1.02	0.56
SS-43-MP-04-06	1/4	3/8 -18	1.93	1.14	0.75
SS-43-MP-06-04	3/8	1/4 -18	2.13	1.06	0.69
SS-43-MP-06-06	3/8	3/8 -18	2.20	1.14	0.69
SS-43-MP-06-08	3/8	1/2 -14	2.32	1.26	0.87
SS-43-MP-08-06	1/2	3/8 -18	2.13	1.06	0.87
SS-43-MP-08-08	1/2	1/2 -14	2.48	1.30	0.87
SS-43-MP-08-12	1/2	3/4 -14	2.48	1.26	1.06
SS-43-MP-10-08	5/8	1/2 -14	2.76	1.30	0.94
SS-43-MP-10-12	5/8	3/4 -14	2.76	1.26	1.06
SS-43-MP-12-12	3/4	3/4 -14	2.91	1.38	1.06
SS-43-MP-12-16	3/4	1 -11.5	3.11	1.57	1.37
SS-43-MP-16-12	1	3/4 -14	3.19	1.42	1.37
SS-43-MP-16-16	1	1 -11.5	3.43	1.61	1.37
SS-43-MP-20-20	1.25	1-1/4 -11.5	3.78	1.93	1.69
SS-43-MP-24-24	1.5	1-1/2 -11.5	4.29	1.97	2.00
SS-43-MP-32-32	2	2 -11.5	5.08	2.28	2.50



Product Number: SS-43-MOR
Name: O-Ring Boss Rigid (ORB) Male - Stainless
Material: 316 Stainless Steel
Uses: 1 & 2 Braided Hose
Hoses: 1SN (100R1), 2SN (100R2), R16, R17

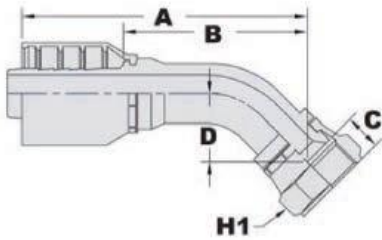
PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)		H1
			A	B	
SS-43-MOR-04-04	1/4	7/16 -20	1.69	0.87	0.56
SS-43-MOR-06-06	3/8	9/16 -18	2.05	0.98	0.69
SS-43-MOR-08-08	1/2	3/4 -16	2.24	0.98	1.06
SS-43-MOR-10-10	5/8	7/8 -14	2.56	1.02	1.00
SS-43-MOR-12-12	3/4	1-1/16 -12	2.76	1.18	1.25
SS-43-MOR-16-16	1	1-5/16 -12	3.07	1.30	1.50



Product Number: SS-43-FFX
Name: O-Ring Face Seal (ORFS) Female Swivel
Material: 316 Stainless Steel
Uses: 1 & 2 Braided Hose
Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			H1	TUBE (MM)
			A	B	D		
SS-43-FFX-04-04	1/4"	9/16 -18	1.89	1.10	0.31	0.56	0.69
SS-43-FFX-04-06	1/4	11/16 -16	1.97	1.18	0.35	0.69	0.81
SS-43-FFX-06-06	3/8"	11/16 -16	2.20	1.14	0.35	0.69	0.81
SS-43-FFX-06-08	3/8"	13/16 -16	2.32	1.26	0.43	0.69	0.94
SS-43-FFX-08-08	1/2	13/16 -16	2.48	1.26	0.43	0.81	0.94
SS-43-FFX-08-10	1/2	1 -14	2.76	1.54	0.55	0.81	1.12
SS-43-FFX-08-12	1/2	1-3/16 -12	2.87	1.65	0.59	0.94	1.37
SS-43-FFX-10-10	5/8	1 -14	2.76	1.54	0.55	0.81	1.12
SS-43-FFX-12-12	3/4	1-3/16 -12	3.15	1.61	0.59	1.12	1.37
SS-43-FFX-12-16	3/4	1-7/16 -12	3.23	1.69	0.63	1.25	1.62
SS-43-FFX-16-12	1	1-3/16 -12	3.46	1.69	0.59	1.31	1.37
SS-43-FFX-16-16	1	1-7/16 -12	3.54	1.77	0.63	1.37	1.62
SS-43-FFX-16-20	1	1-11/16 -12	3.07	1.30	0.63	1.37	1.87
SS-43-FFX-20-20	1.25	1-11/16 -12	3.39	1.54	0.63	1.75	1.87
SS-43-FFX-24-24	1.5	2 -12	3.94	1.61	0.63	1.87	2.25

43 SERIES



Product Number: SS-43-FFX45

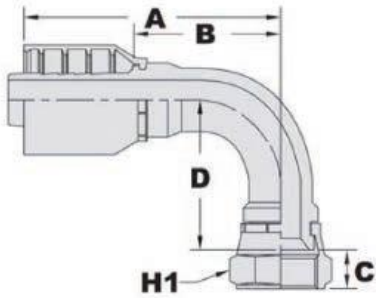
Name: O-Ring Face Seal (ORFS) Female Swivel, 45°

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1 SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				H1
			A	B	C	D	
SS-43-FFX45-04-04	1/4"	9/16 -18	2.17	1.34	0.31	0.51	0.69
SS-43-FFX45-04-06	1/4	11/16 -16	2.20	1.38	0.35	0.55	0.81
SS-43-FFX45-04-08	1/4	13/16 -16	2.28	1.46	0.43	0.63	0.94
SS-43-FFX45-06-06	3/8	11/16 -16	2.68	1.61	0.35	0.63	0.81
SS-43-FFX45-08-08	1/2	13/16 -16	3.23	1.97	0.43	0.83	0.94
SS-43-FFX45-08-10	1/2	1 -14	3.27	2.01	0.55	0.83	1.12
SS-43-FFX45-08-12	1/2	1-3/16 -14	3.23	1.97	0.59	0.79	1.37
SS-43-FFX45-10-10	5/8	1 -14	3.66	2.13	0.55	0.83	1.12
SS-43-FFX45-12-12	3/4	1-3/16 -12	4.53	2.95	0.59	1.10	1.37
SS-43-FFX45-12-16	3/4	1-7/16 -12	4.53	2.95	0.63	1.18	1.62
SS-43-FFX45-16-12	1	1-3/16 -12	4.76	2.99	0.59	1.18	1.37
SS-43-FFX45-16-16	1	1-7/16 -12	4.76	2.99	0.63	1.14	1.62
SS-43-FFX45-16-20	1	1-11/16 -12	4.88	3.11	0.63	1.30	1.87
SS-43-FFX45-20-20	1.25	1-11/16 -12	5.91	4.06	0.63	1.57	1.62
SS-43-FFX45-24-24	1.5	2 -12	6.85	4.49	0.63	1.77	2.25



Product Number: SS-43-FFX90

Name: O-Ring Face Seal (ORFS) Female Swivel, 90°

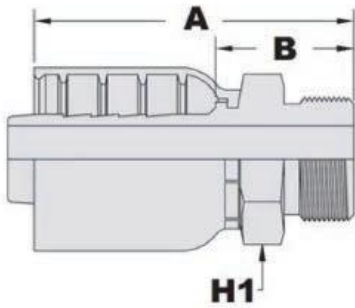
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

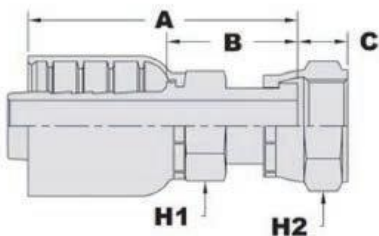
PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				H1
			A	B	C	D	
SS-43-FFX90-04-04	1/4	9/16 -18	2.01	1.18	0.31	0.94	0.69
SS-43-FFX90-04-06	1/4	11/16 -16	2.01	1.18	0.35	1.02	0.81
SS-43-FFX90-06-06	3/8	11/16 -16	2.72	1.65	0.35	1.02	0.81
SS-43-FFX90-06-08	3/8	13/16 -16	2.72	1.65	0.43	1.10	0.94
SS-43-FFX90-08-08	1/2	13/16 -16	2.76	1.50	0.43	1.18	0.94
SS-43-FFX90-08-10	1/2	1 -14	2.76	1.50	0.55	1.22	1.12
SS-43-FFX90-08-12	1/2	1-3/16 -12	2.76	1.50	0.59	1.18	1.37
SS-43-FFX90-10-10	5/8	1 -14	2.80	1.65	0.55	1.50	1.12
SS-43-FFX90-12-12	3/4	1-3/16 -12	3.98	2.40	0.59	1.93	1.37
SS-43-FFX90-12-16	3/4	1-7/16 -12	3.98	2.40	0.63	1.93	1.62
SS-43-FFX90-16-12	1	1-3/16 -12	4.96	3.19	0.59	2.24	1.37
SS-43-FFX90-16-16	1	1-7/16 -12	4.96	3.19	0.63	2.24	1.62
SS-43-FFX90-16-20	1	1-11/16 -12	4.96	3.19	0.63	2.36	1.87
SS-43-FFX90-20-20	1.25	1-11/16 -12	5.51	3.66	0.63	3.03	1.87
SS-43-FFX90-24-24	1.5	2 -12	5.94	3.58	0.63	3.15	2.25

43 SERIES



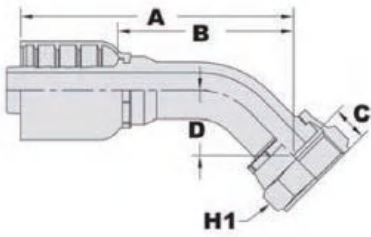
Product Number: SS-43-MFF
Name: O-Ring Face Seal (ORFS) Male Rigid- Stainless
Material: 316 Stainless Steel
Uses: 1 & 2 Braided Hose
Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)		H1
			A	B	
SS-43-MFF-04-04	1/4	7/16 -20	1.69	0.87	0.56
SS-43-MFF-06-06	3/8	9/16 -18	2.05	0.98	0.69
SS-43-MFF-08-08	1/2	3/4 -16	2.24	0.98	1.06
SS-43-MFF-10-10	5/8	7/8 -14	2.56	1.02	1.00
SS-43-MFF-12-12	3/4	1-1/16 -12	2.76	1.18	1.25
SS-43-MFF-16-16	1	1-5/16 -12	3.07	1.30	1.50



Product Number: SS-43-FBX
Name: BSPP Female Swivel- Stainless
Material: 316 Stainless Steel
Uses: 1 & 2 Braided Hose
Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			H1	H2
			A	B	C		
SS-43-FBX-04-04	1/4	1/4 -19	1.77	0.98	0.17	0.67	0.75
SS-43-FBX-06-06	3/8	3/8 -19	2.17	1.10	0.24	0.75	0.87
SS-43-FBX-08-08	1/2	1/2 -14	2.36	1.14	0.26	0.87	1.06
SS-43-FBX-10-10	5/8	5/8 -14	2.64	1.14	0.30	1.06	1.06
SS-43-FBX-12-12	3/4	3/4 -14	2.80	1.26	0.35	1.06	1.42
SS-43-FBX-16-16	1	1 -11	3.19	1.42	0.42	1.42	1.61
SS-43-FBX-20-20	1.25	1-1/4 -11	3.66	1.81	0.41	1.81	1.97



Product Number: SS-FBX45

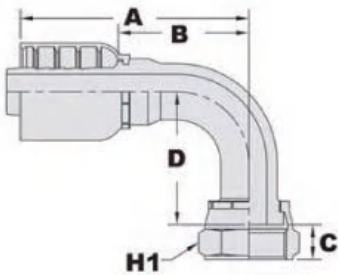
Name: BSP 45° Female Swivel Elbow - Stainless

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				H1
			A	B	C	D	
SS-43-FBX45-04-04	1/4	1/4 -19	2.28	1.50	0.17	0.67	0.75
SS-43-FBX45-06-06	3/8	3/8 -19	2.80	1.73	0.24	0.75	0.87
SS-43-FBX45-08-08	1/2	1/2 -14	3.31	2.05	0.26	0.91	1.06
SS-43-FBX45-10-10	5/8	5/8 -14	3.62	2.09	0.30	0.83	1.06
SS-43-FBX45-12-12	3/4	3/4 -14	4.61	3.03	0.35	1.18	1.42
SS-43-FBX45-16-16	1	1 -11	4.92	3.15	0.42	1.73	1.61



Product Number: SS-FBX90

Name: BSP Female Swivel, 90 Elbow - Stainless

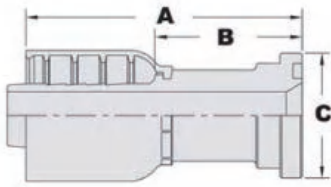
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

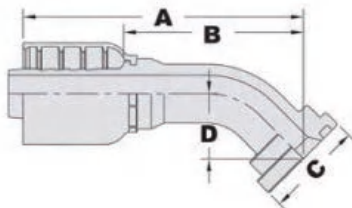
PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				H1
			A	B	C	D	
SS-43-FBX90-04-04	1/4	1/4 -19	2.01	1.18	0.17	1.10	0.75
SS-43-FBX90-06-06	3/8	3/8 -19	2.72	1.65	0.24	1.26	0.87
SS-43-FBX90-08-08	1/2	1/2 -14	2.76	1.50	0.26	1.38	1.06
SS-43-FBX90-12-12	3/4	3/4 -14	3.98	2.40	0.35	2.13	1.42
SS-43-FBX90-16-16	1	1 -11	4.96	3.19	0.42	2.56	1.61
SS-43-FBX90-20-20	1.25	1-1/4 -11	5.51	3.66	0.41	3.39	1.97

43 SERIES



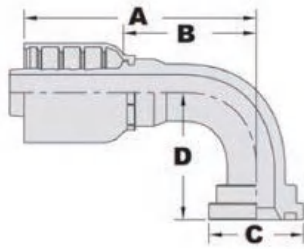
Product Number: SS-43-FL61
Name: Code 61 Flange Rigid
Material: 316 Stainless Steel
Uses: 1 & 2 Braided Hose
Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)		
			A	B	C
SS-43-C61-08-08	1/2	-	2.99	1.77	1.19
SS-43-C61-08-12	1/2	-	2.99	1.77	1.50
SS-43-C61-12-12	3/4	-	3.31	1.77	1.50
SS-43-C61-12-16	3/4	-	3.15	1.61	1.75
SS-43-C61-16-16	1	-	3.98	2.20	1.75
SS-43-C61-16-20	1	-	3.90	2.13	2.00
SS-43-C61-20-20	1.25	-	4.33	2.48	2.00
SS-43-C61-20-24	1.25	-	4.57	2.72	2.37
SS-43-C61-24-24	1.5	-	5.16	2.83	2.37
SS-43-C61-24-32	1.5	-	5.43	3.11	2.81
SS-43-C61-32-32	2	-	5.91	3.11	2.81



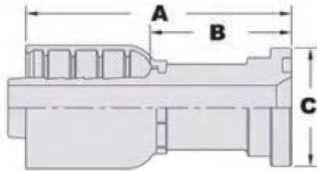
Product Number: SS-43-FL6145
Name: Code 61 Flange Rigid, 45°
Material: 316 Stainless Steel
Uses: 1 & 2 Braided Hose
Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			
			A	B	C	D
SS-43-C6145-08-08	1/2	-	3.15	1.89	1.19	0.75
SS-43-C6145-08-12	1/2	-	3.27	2.01	1.50	0.87
SS-43-C6145-12-12	3/4	-	4.57	2.99	1.50	1.14
SS-43-C6145-12-16	3/4	-	4.57	2.99	1.75	1.14
SS-43-C6145-16-16	1	-	4.41	3.03	1.75	1.22
SS-43-C6145-16-20	1	-	4.41	3.03	2.00	1.22
SS-43-C6145-20-20	1.25	-	5.83	3.98	2.00	1.50
SS-43-C6145-20-24	1.25	-	5.91	4.06	2.37	1.57
SS-43-C6145-24-24	1.5	-	6.81	4.45	2.37	1.73
SS-43-C6145-32-24	1.5	-	6.81	4.45	2.81	1.73
SS-43-C6145-32-32	2	-	8.23	5.43	2.81	2.36



Product Number: SS-43-FL6190
Name: Code 61 Flange Rigid, 90°
Material: 316 Stainless Steel
Uses: 1 & 2 Braided Hose
Hoses: 1SN (100R1), 2SN (100R2), R16, R17

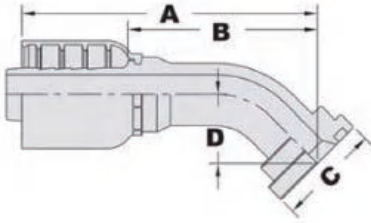
PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			
			A	B	C	D
SS-43-C6190-08-08	1/2	-	2.76	1.50	0.81	1.34
SS-43-C6190-08-12	1/2	-	2.76	1.50	1.50	1.38
SS-43-C6190-08-16	1	-	2.76	1.50	1.75	1.38
SS-43-C6190-10-12	5/8	-	2.80	1.65	1.50	1.65
SS-43-C6190-12-12	3/4	-	3.98	2.40	1.50	2.13
SS-43-C6190-12-16	3/4	-	3.98	2.40	1.75	2.13
SS-43-C6190-16-16	1	-	4.96	3.19	1.75	2.44
SS-43-C6190-16-20	1	-	4.96	3.19	2.00	2.44
SS-43-C6190-20-20	1.25	-	5.51	3.66	2.00	3.11
SS-43-C6190-20-24	1.25	-	5.51	3.66	2.37	3.19
SS-43-C6190-24-24	1.5	-	5.94	3.58	2.37	3.27
SS-43-C6190-24-32	1.5	-	5.94	3.58	2.81	3.27
SS-43-C6190-32-32	2	-	8.11	5.31	2.81	5.16



Product Number: SS-43-FL62
Name: Code 62 Flange Rigid
Material: 316 Stainless Steel
Uses: 1 & 2 Braided Hose
Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)		
			A	B	C
SS-43-C62-12-12	3/4	-	3.46	1.93	1.62
SS-43-C62-12-16	3/4	-	3.90	2.36	1.87
SS-43-C62-16-16	1	-	4.21	2.44	1.87
SS-43-C62-16-20	1	-	4.37	2.91	2.12
SS-43-C62-20-20	1.25	-	4.41	2.95	2.12
SS-43-C62-20-24	1.25	-	4.41	2.95	2.50
SS-43-C62-24-24	1.5	-	5.51	3.19	2.50
SS-43-C62-24-32	1.5	-	6.30	3.98	3.12
SS-43-C62-32-32	2	-	6.77	3.98	3.12

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Product Number: SS-43-FL6245

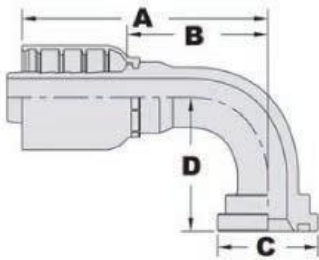
Name: Code 62 Flange Rigid, 45°

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			
			A	B	C	D
SS-43-C6245-12-12	3/4	-	4.69	3.11	1.62	1.26
SS-43-C6245-16-16	1	-	4.61	3.23	1.87	1.42
SS-43-C6245-20-20	1.25	-	6.14	4.29	2.12	1.81
SS-43-C6245-24-24	1.5	-	7.05	4.69	2.50	1.97
SS-43-C6245-32-32	2	-	8.82	6.02	3.12	2.95



Product Number: SS-43-FL6290

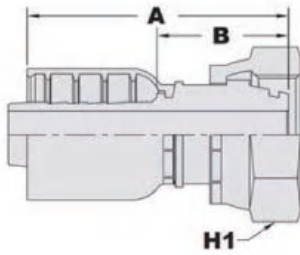
Name: Code 62 Flange Rigid, 90°

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			
			A	B	C	D
SS-43-C6290-12-12	3/4	-	3.98	3.11	1.62	2.28
SS-43-C6290-16-16	1	-	4.96	3.23	1.87	2.72
SS-43-C6290-20-20	1.25	-	5.51	4.29	2.12	3.54
SS-43-C6290-24-24	1.5	-	5.94	4.69	2.50	3.62
SS-43-C6290-32-32	2	-	8.11	6.02	3.12	6.02



Product Number: SS-43-FDL

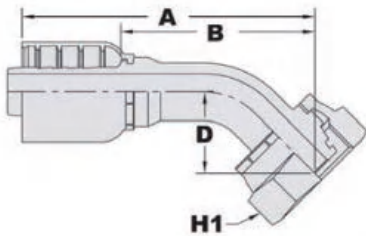
Name: Metric DIN Light

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)		H1	TUBE (MM)
			A	B		
SS-43-FDL-04-08-14	1/4	M14 X 1.5	1.89	1.10	0.75	8
SS-43-FDL-04-10-16	1/4	M16 X 1.5	1.89	1.10	0.88	10
SS-43-FDL-06-10-16	3/8	M16 X 1.5	2.32	1.26	0.88	10
SS-43-FDL-06-12-18	3/8	M18 X 1.5	2.28	1.22	0.94	12
SS-43-FDL-08-15-22	1/2	M22 X 1.5	2.60	1.38	1.06	15
SS-43-FDL-10-18-26	5/8	M26 X 1.5	3.03	1.54	1.26	18
SS-43-FDL-12-22-30	3/4	M30 X 2.0	3.15	1.61	1.42	22
SS-43-FDL-16-28-36	1	M36 X 2.0	3.58	1.81	1.81	28
SS-43-FDL-20-35-45	1.25	M45 X 2.0	4.02	2.17	2.17	35



Product Number: SS-43-FDL45

Name: Metric DIN Light, 45°

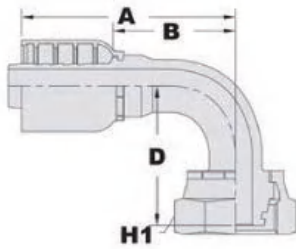
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

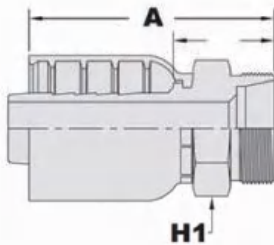
PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			H1	TUBE (MM)
			A	B	D		
SS-43-FDL45-04-06-12	1/4	M12 X 1.5	2.24	1.42	0.59	0.67	6
SS-43-FDL45-04-08-14	1/4	M14 X 1.5	2.36	1.54	0.71	0.75	8
SS-43-FDL45-04-10-16	1/4	M16 X 1.5	2.44	1.61	0.75	0.87	10
SS-43-FDL45-06-10-16	3/8	M16 X 1.5	2.87	1.81	0.83	0.87	10
SS-43-FDL45-06-12-18	3/8	M18 X 1.5	2.87	1.81	0.83	0.94	12
SS-43-FDL45-08-15-22	1/2	M22 X 1.5	3.43	2.17	1.10	1.06	15
SS-43-FDL45-10-18-26	5/8	M26 X 1.5	4.02	2.48	1.18	1.26	18
SS-43-FDL45-12-15-26	3/4	M26 X 1.5	4.92	3.35	1.50	1.26	18
SS-43-FDL45-12-22-30	3/4	M30 X 2.0	4.84	3.27	1.42	1.42	22
SS-43-FDL45-12-28-36	3/4	M36 X 2.0	4.84	3.27	1.42	1.81	28
SS-43-FDL45-16-28-36	1	M36 X 2.0	5.08	3.31	1.46	1.81	28
SS-43-FDL45-20-35-45	1.25	M45 X 2.0	6.18	4.33	1.85	2.17	35
SS-43-FDL45-24-42-52	1.5	M52 X 2.0	7.09	4.72	2.48	2.36	42

43 SERIES



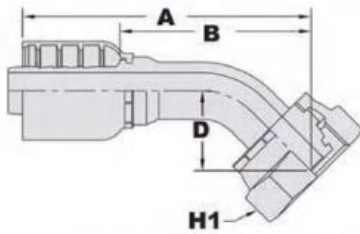
Product Number: SS-43-FDL90
Name: Metric DIN Light, 90°
Material: 316 Stainless Steel
Uses: 1 & 2 Braided Hose
Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			H1	TUBE (MM)
			A	B	D		
SS-43-FDL90-04-06-12	1/4	M12 X 1.5	2.01	1.18	1.02	0.67	6
SS-43-FDL90-04-08-14	1/4	M14 X 1.5	2.01	1.18	1.18	0.75	8
SS-43-FDL90-04-10-16	1/4	M16 X 1.5	2.01	1.18	1.22	0.87	10
SS-43-FDL90-06-10-16	3/8	M16 X 1.5	2.72	1.65	1.26	0.87	10
SS-43-FDL90-06-12-18	3/8	M18 X 1.5	2.72	1.65	1.30	0.94	12
SS-43-FDL90-08-15-22	1/2	M22 X 1.5	2.76	1.50	1.46	1.06	15
SS-43-FDL90-10-18-26	5/8	M26 X 1.5	2.80	1.65	2.01	1.26	18
SS-43-FDL90-12-18-26	3/4	M26 X 1.5	3.98	2.40	2.48	1.26	18
SS-43-FDL90-12-22-30	3/4	M30 X 2.0	3.98	2.40	2.40	1.42	22
SS-43-FDL90-12-28-36	3/4	M36 X 2.0	3.98	2.40	2.40	1.81	28
SS-43-FDL90-16-28-36	1	M36 X 2.0	4.96	3.19	2.68	1.81	28
SS-43-FDL90-20-35-45	1.25	M45 X 2.0	5.51	3.66	3.43	2.17	35
SS-43-FDL90-24-42-52	1.5	M52 X 2.0	5.94	3.58	3.58	2.36	42



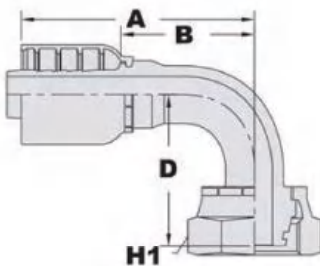
Product Number: SS-43-MDL
Name: Male Metric DIN Light
Material: 316 Stainless Steel
Uses: 1 & 2 Braided Hose
Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)		H1
			A	B	
SS-43-MDL-04-14	1/4	M14 X 1.5	1.65	0.87	0.67
SS-43-MDL-06-16	3/8	M16 X 1.5	1.97	0.91	0.67
SS-43-MDL-06-18	3/8	M18 X 1.5	2.01	0.94	0.75
SS-43-MDL-08-22	1/2	M22 X 1.5	2.20	0.98	0.87
SS-43-MDL-10-26	5/8	M26 X 1.5	2.52	1.02	1.06
SS-43-MDL-12-30	3/4	M30 X 2.0	2.68	1.14	1.18
SS-43-MDL-16-36	1	M36 X 2.0	2.99	1.22	1.42
SS-43-MDL-20-45	1.25	M45 X 2.0	3.46	1.61	1.81



Product Number: SS-43-FDS45
Name: Metric DIN Heavy, 45°
Material: 316 Stainless Steel
Uses: 1 & 2 Braided Hose
Hoses: 1SN (100R1), 2SN (100R2), R16, R1

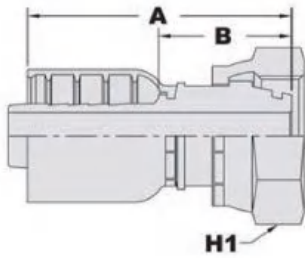
PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			H1	TUBE (MM)
			A	B	D		
SS-43-FDS45-04-10-18	1/4	M18 X 1.5	2.52	1.69	0.83	0.94	10
SS-43-FDS45-06-10-18	3/8	M18 X 1.5	2.95	1.89	0.91	0.94	10
SS-43-FDS45-06-12-20	3/8	M20 X 1.5	2.95	1.89	0.91	0.94	12
SS-43-FDS45-06-14-22	3/8	M22 X 1.5	2.95	1.89	0.91	1.06	14
SS-43-FDS45-08-16-24	1/2	M24 X 1.5	3.50	2.24	1.18	1.26	16
SS-43-FDS45-10-20-30	5/8	M30 X 2.0	3.94	2.40	1.10	1.42	20
SS-43-FDS45-12-20-30	3/4	M30 X 2.0	4.84	3.27	1.42	1.42	20
SS-43-FDS45-12-25-36	3/4	M36 X 2.0	4.88	3.31	1.46	1.81	25
SS-43-FDS45-16-25-36	1	M36 X 2.0	5.12	3.35	1.50	1.81	25
SS-43-FDS45-16-30-42	1	M42 X 2.0	5.12	3.35	1.50	1.97	30
SS-43-FDS45-20-38-52	1.25	M52 X 2.0	6.22	4.37	1.89	2.36	38
SS-43-FDS45-24-38-52	1.5	M52 X 2.0	7.05	4.69	2.44	2.36	38



Product Number: SS-43-FDS90
Name: Metric DIN Heavy, 90°
Material: 316 Stainless Steel
Uses: 1 & 2 Braided Hose
Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			H1	TUBE (MM)
			A	B	D		
SS-43-FDS90-04-10-18	1/4	M18 X 1.5	2.01	1.18	1.34	0.94	10
SS-43-FDS90-06-10-18	3/8	M18 X 1.5	2.72	1.65	1.38	0.94	10
SS-43-FDS90-06-12-20	3/8	M20 X 1.5	2.72	1.65	1.38	0.94	12
SS-43-FDS90-06-14-22	3/8	M22 X 1.5	2.72	1.65	1.42	1.06	14
SS-43-FDS90-08-16-24	1/2	M24 X 1.5	2.76	1.50	1.57	1.26	16
SS-43-FDS90-10-20-30	5/8	M30 X 2.0	2.80	1.65	1.93	1.42	20
SS-43-FDS90-12-20-30	3/4	M30 X 2.0	3.98	2.40	2.40	1.42	20
SS-43-FDS90-12-25-36	3/4	M36 X 2.0	3.98	2.40	2.44	1.81	25
SS-43-FDS90-16-25-36	1	M36 X 2.0	4.96	3.19	2.72	1.81	25
SS-43-FDS90-16-30-42	1	M42 X 2.0	4.96	3.19	2.76	1.97	30
SS-43-FDS90-20-38-52	1.25	M52 X 2.0	5.51	3.66	3.39	2.56	38
SS-43-FDS90-24-38-52	1.5	M52 X 2.0	5.94	3.58	3.54	2.56	38

43 SERIES



Product Number: SS-43-FDS

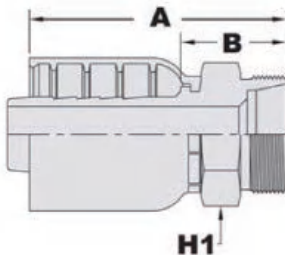
Name: Metric DIN Light, 90°

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)		H1	TUBE (MM)
			A	B		
SS-43-FDS-04-10-18	1/4	M18 X 1.5	1.89	1.10	0.94	10
SS-43-FDS-06-10-18	3/8	M18 X 1.5	2.32	1.26	0.94	10
SS-43-FDS-06-12-20	3/8	M20 X 1.5	2.32	1.26	0.94	12
SS-43-FDS-06-14-22	3/8	M22 X 1.5	2.32	1.26	1.06	14
SS-43-FDS-08-16-24	1/2	M24 X 1.5	2.60	1.38	1.26	16
SS-43-FDS-10-20-30	5/8	M30 X 2.0	3.03	1.54	1.42	20
SS-43-FDS-12-25-36	3/4	M36 X 2.0	3.15	1.61	1.81	25
SS-43-FDS-16-25-36	1	M36 X 2.0	3.58	1.81	1.81	25
SS-43-FDS-16-30-42	1	M42 X 2.0	3.58	1.81	1.97	30
SS-43-FDS-20-38-52	1.25	M52 X 2.0	4.02	2.17	2.36	38
SS-43-FDS-24-38-52	1.5	M52 X 2.0	4.76	2.44	2.36	38



Product Number: SS-43-MDS

Name: Male Metric DIN Heavy

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

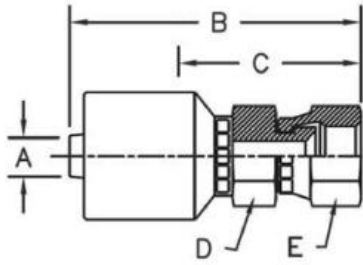
Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)		H1
			A	B	
SS-43-MDS-04-16	1/4	M16 X 1.5	1.65	0.87	0.67
SS-43-MDS-04-18	1/4	M18 X 1.5	1.65	0.87	0.75
SS-43-MDS-06-18	3/8	M18 X 1.5	1.97	0.91	0.75
SS-43-MDS-06-20	3/8	M20 X 1.5	1.97	0.91	0.87
SS-43-MDS-06-22	3/8	M22 X 1.5	2.17	0.94	0.87
SS-43-MDS-08-24	1/2	M24 X 1.5	2.20	0.98	1.18
SS-43-MDS-10-30	5/8	M30 X 2.0	2.52	1.02	1.18
SS-43-MDS-12-36	3/4	M36 X 2.0	2.68	1.14	1.42
SS-43-MDS-16-45	1	M45 X 2.0	2.99	1.22	1.81
SS-43-MDS-20-52	1.25	M52 X 2.0	3.46	1.61	2.17

BW Crimp Fittings Series



BW SERIES



Product Number: SS-BW-FJX

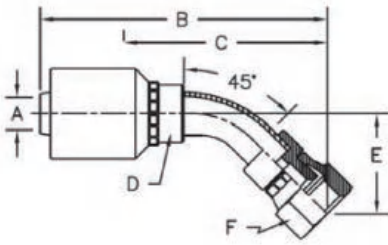
Name: 37° Flare JIC Female Swivel

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				
			A	B	C	D	E
SS-BW-FJX-04-04	1/4	7/16 -20	0.25	2.08	1.02	9/16	9/16
SS-BW-FJX-04-05	1/4	1/2 -20	0.25	2.22	1.16	9/16	5/8
SS-BW-FJX-04-06	1/4	9/16 -18	0.25	2.17	1.09	9/16	11/16
SS-BW-FJX-06-04	3/8	7/16 -20	0.375	2.41	1.04	11/16	9/16
SS-BW-FJX-06-05	3/8	1/2 -20	0.375	2.41	1.04	11/16	5/8
SS-BW-FJX-06-06	3/8	9/16 -18	0.375	2.50	0.72	3/4	3/4
SS-BW-FJX-06-08	3/8	3/4 -16	0.375	2.47	1.24	3/4	7/8
SS-BW-FJX-06-10	3/8	7/8 -14	0.375	2.80	1.43	7/8	1
SS-BW-FJX-08-06	1/2	9/16 -18	0.5	2.52	1.18	11/16	11/16
SS-BW-FJX-08-08	1/2	3/4 -16	0.5	2.64	1.30	7/8	7/8
SS-BW-FJX-08-10	1/2	7/8 -14	0.5	2.80	1.46	7/8	1-1/16
SS-BW-FJX-08-12	1/2	1-1/16 -12	0.5	2.90	1.56	1	1-1/4
SS-BW-FJX-10-08	5/8	3/4 -16	0.625	3.51	1.41	7/8	7/8
SS-BW-FJX-10-10	5/8	7/8 -14	0.625	3.38	1.52	7/8	1-1/16
SS-BW-FJX-10-12	5/8	1-1/16 -12	0.625	3.76	1.66	1-1/16	1-1/4
SS-BW-FJX-12-08	3/4	3/4 -16	0.75	3.29	1.42	1	7/8
SS-BW-FJX-12-10	3/4	7/8 -14	0.75	3.28	1.49	1-1/16	1-1/16
SS-BW-FJX-12-12	3/4	1-1/16 -12	0.75	3.38	1.59	1-1/16	1-1/4
SS-BW-FJX-12-14	3/4	1-3/16 -12	0.75	3.38	1.59	1-1/16	1-1/2
SS-BW-FJX-12-16	3/4	1-5/16 -12	0.75	3.45	1.66	1-3/8	1-1/2
SS-BW-FJX-16-12	1	1-1/16 -12	1	3.39	1.60	1-3/8	1-1/4
SS-BW-FJX-16-16	1	1-5/16 -12	1	3.78	1.67	1-3/8	1-1/2
SS-BW-FJX-16-20	1	1-5/8 -12	1	4.02	1.90	1-11/16	2
SS-BW-FJX-20-16	1-1/4	1-5/16 -12	1.25	4.29	1.75	1-3/4	1-1/2
SS-BW-FJX-20-20	1-1/4	1-5/8 -12	1.25	4.37	1.92	1-11/16	2
SS-BW-FJX-20-24	1-1/4	1-7/8 -12	1.25	4.54	2.09	2	2-1/4
SS-BW-FJX-24-24	1-1/2	1-7/8 -12	1.25	4.76	2.16	2	2-1/4
SS-BW-FJX-32-32	2	2-1/2 -12	2	5.95	2.70	2 1/2	2-7/8



Product Number: SS-BW-FJX45

Name: 37° Flare JIC Female Swivel, 45°

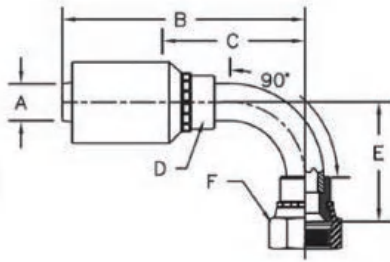
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	F
SS-BW-FJX45-04-04	1/4	7/16 -20	0.25	2.86	1.80	9/16	0.39	9/16
SS-BW-FJX45-04-06	1/4	9/16 -18	0.25	2.93	1.87	11/16	0.43	11/16
SS-BW-FJX45-06-06	3/8	9/16 -18	0.375	3.26	1.89	11/16	0.43	11/16
SS-BW-FJX45-06-08	3/8	3/4 -16	0.375	2.82	1.59	7/8	0.71	7/8
SS-BW-FJX45-08-08	1/2	3/4 -16	0.5	3.65	2.31	7/8	0.59	7/8
SS-BW-FJX45-08-10	1/2	7/8 -14	0.5	3.30	1.96	1	0.63	1
SS-BW-FJX45-10-10	5/8	7/8 -14	0.625	4.36	2.26	1	0.63	1
SS-BW-FJX45-10-12	5/8	1-1/16 -12	0.625	4.21	2.11	1-1/4	0.83	1-1/4
SS-BW-FJX45-12-12	3/4	1-1/16 -12	0.75	4.82	3.05	1-1/4	1.15	1-1/4
SS-BW-FJX45-12-16	3/4	1-5/16 -12	0.75	5.00	3.12	1-1/2	1.23	1-1/2
SS-BW-FJX45-16-16	1	1-5/16 -12	1	5.14	3.03	1-1/2	1.23	1-1/2
SS-BW-FJX45-16-20	1	1-5/8 -12	1	5.32	3.21	2	1.41	2
SS-BW-FJX45-20-20	1-1/4	1-5/8 -12	1.25	6.53	3.99	2	1.47	2
SS-BW-FJX45-20-24	1-1/4	1-7/8 -12	1.25	6.57	4.03	2-1/4	1.50	2-1/4
SS-BW-FJX45-24-24	1-1/2	1-7/8 -12	1.5	7.51	4.91	2-1/4	1.84	2-1/4
SS-BW-FJX45-32-32	2	2-1/2 -12	2	9.49	6.18	2-7/8	3.21	2-7/8

BW SERIES



Product Number: SS-BW-FJX90

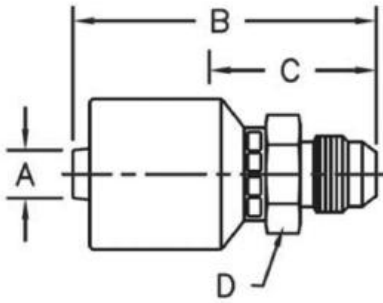
Name: 37° Flare JIC Female Swivel, 90°

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	F
SS-BW-FJX90-04-04	1/4	7/16 -20	0.25	2.70	1.64	9/16	0.83	9/16
SS-BW-FJX90-04-05	1/4	1/2 -20	0.25	2.79	1.73	5/8	0.83	5/8
SS-BW-FJX90-04-06	1/4	9/16 -18	0.25	2.84	1.78	11/16	0.91	11/16
SS-BW-FJX90-06-04	3/8	7/16 -20	0.375	3.03	1.66	9/16	0.83	9/16
SS-BW-FJX90-06-06	3/8	9/16 -18	0.375	3.17	1.80	11/16	0.91	11/16
SS-BW-FJX90-06-08	3/8	3/4 -16	0.375	3.42	2.04	7/8	1.12	7/8
SS-BW-FJX90-08-06	1/2	9/16 -18	0.5	3.19	1.85	7/8	0.91	11/16
SS-BW-FJX90-08-08	1/2	3/4 -16	0.5	3.49	2.15	1	1.13	7/8
SS-BW-FJX90-08-10	1/2	7/8 -14	0.5	2.29	1.65	1-1/4	1.23	1
SS-BW-FJX90-08-12	1/2	1-1/16 -12	0.5	3.50	2.16	1-1/2	1.83	1-1/4
SS-BW-FJX90-10-10	5/8	7/8 -14	0.625	3.82	1.72	2	1.23	1
SS-BW-FJX90-10-12	5/8	1-1/16 -12	0.625	4.29	2.17	2	1.83	1-1/4
SS-BW-FJX90-12-12	3/4	1-1/16 -12	0.75	4.51	2.73	2-1/4	2.57	1-1/4
SS-BW-FJX90-12-16	3/4	1-5/16 -12	0.75	4.73	2.94	2-1/4	2.78	1-1/2
SS-BW-FJX90-16-16	1	1-5/16 -12	1	5.16	3.05	2-7/8	2.80	1-1/2
SS-BW-FJX90-16-20	1	1-5/8 -12	1	5.16	3.05	2	2.80	2
SS-BW-FJX90-20-20	1-1/4	1-5/8 -12	1.25	6.35	3.90	2	3.24	2
SS-BW-FJX90-20-24	1-1/4	1-7/8 -12	1.25	6.44	3.90	2-1/4	3.24	2-1/4
SS-BW-FJX90-24-24	1-1/2	1-7/8 -12	1.5	6.74	4.14	2-1/4	3.94	2-1/4
SS-BW-FJX90-32-32	2	2-1/2 -12	2	8.31	5.01	2-7/8	6.16	2-7/8
SS-BW-FJX90M-04-04	1/4	7/16 -20	0.25	2.70	1.64	9/16	1.26	9/16
SS-BW-FJX90M-06-06	3/8	9/16 -18	0.375	3.17	1.80	11/16	1.50	11/16
SS-BW-FJX90M-08-08	1/2	3/4 -16	0.5	3.49	2.15	7/8	1.61	7/8



Product Number: SS-BW-MJ

Name: 37° Flare JIC Male Rigid

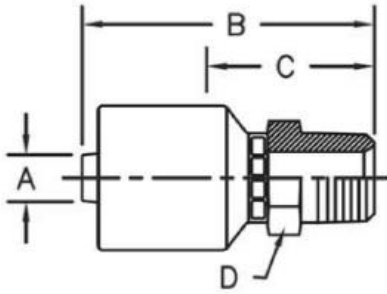
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			
			A	B	C	D
SS-BW-MJ-04-04	1/4	7/16 -20	0.25	2.02	0.94	9/16
SS-BW-MJ-06-06	3/8	9/16 -18	0.375	2.12	0.99	3/4
SS-BW-MJ-08-08	1/2	3/4 -16	0.5	2.57	1.23	7/8
SS-BW-MJ-10-10	5/8	7/8 -14	0.625	3.58	1.48	7/8
SS-BW-MJ-12-12	3/4	1-1/16 -12	0.75	3.34	1.55	1-1/8
SS-BW-MJ-16-16	1	1-5/16 -12	1	3.93	1.81	1-3/8
SS-BW-MJ-20-20	1-1/4	1-5/8 -12	1.25	4.40	1.65	1-11/16

BW SERIES



Product Number: SS-BW-MP

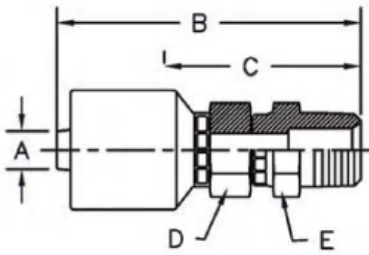
Name: Pipe Male Rigid

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			
			A	B	C	D
SS-BW-MP-04-02	1/4	1/8 -27	0.25	1.85	0.79	9/16
SS-BW-MP-04-04	1/4	1/4 -18	0.25	2.03	0.97	9/16
SS-BW-MP-04-06	1/4	3/8 -18	0.25	2.13	1.07	11/16
SS-BW-MP-04-08	1/4	1/2 -14	0.25	2.31	1.255	7/8
SS-BW-MP-06-04	3/8	1/4 -18	0.375	2.45	1.08	11/16
SS-BW-MP-06-06	3/8	3/8 -18	0.375	2.22	0.99	3/4
SS-BW-MP-06-08	3/8	1/2 -14	0.375	2.49	1.26	7/8
SS-BW-MP-08-06	1/2	3/8 -18	0.5	2.39	1.08	7/8
SS-BW-MP-08-08	1/2	1/2 -14	0.5	2.64	1.3	7/8
SS-BW-MP-08-12	1/2	3/4 -14	0.5	2.71	1.37	1-1/16
SS-BW-MP-10-06	5/8	3/8 -18	0.625	3.31	1.21	7/8
SS-BW-MP-10-08	5/8	1/2 -14	0.625	3.32	1.36	7/8
SS-BW-MP-10-12	5/8	3/4 -14	0.625	3.19	1.43	1-1/16
SS-BW-MP-12-08	3/4	1/2 -14	0.75	3.3	1.42	1-1/8
SS-BW-MP-12-12	3/4	3/4 -14	0.75	3.19	1.4	1-1/16
SS-BW-MP-12-16	3/4	1 - 11-1/2	0.75	3.39	1.61	1-3/8
SS-BW-MP-16-12	1	3/4 -14	1	3.51	1.42	1-3/8
SS-BW-MP-16-16	1	1 - 11-1/2	1	3.73	1.62	1-3/8
SS-BW-MP-16-16-API	1	1 - 11-1/2	1	4.72	2.61	1-3/8
SS-BW-MP-16-20	1	1-1/4 - 11-1/2	1	3.8	1.69	1-11/16
SS-BW-MP-20-20	1-1/4	1-1/4 - 11-1/2	1.25	4.15	1.7	1-11/16
SS-BW-MP-20-24	1-1/4	1-1/2 - 11-1/2	1.25	4.26	1.81	2
SS-BW-MP-24-24	1-1/2	1-1/2 - 11-1/2	1.5	4.48	1.51	2
SS-BW-MP-32-32	2	2 - 11-1/2	2	5.41	2.16	2-1/2
SS-BW-MP-32-32-API	2	2 - 11-1/2	2	7.56	4.31	2-1/2



Product Number: SS-BW-MPX

Name: Pipe Male Swivel

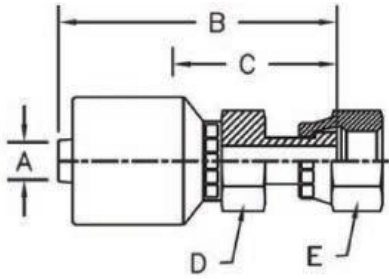
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				
			A	B	C	D	E
SS-MPX-04-04	1/4	1/4 - 18	0.250	2.595	1.535	9/16	11/16
SS-MPX-04-06	1/4	3/8 - 18	0.250	2.595	1.535	9/16	3/4
SS-MPX-06-04	3/8	1/4 - 18	0.375	2.985	1.615	11/16	11/16
SS-MPX-06-06	3/8	3/8 - 18	0.375	2.990	1.620	11/16	3/4
SS-MPX-06-08	3/8	1/2 - 14	0.375	3.244	1.874	3/4	15/16
SS-MPX-08-06	1/2	3/8 - 18	0.500	3.015	1.675	11/16	3/4
SS-MPX-08-08	1/2	1/2 - 14	0.500	3.269	1.929	11/16	7/8
SS-MPX-12-12	3/4	3/4 - 14	0.750	3.887	2.008	1 1/8	1 1/8
SS-MPX-16-16	1.000	1 - 11-1/2	1.000	4.395	2.270	1 3/8	1 1/2

BW SERIES



Product Number: SS-BW-FFX

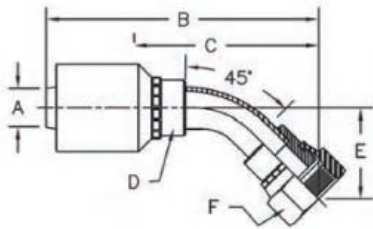
Name: O-Ring Face Seal (ORFS) Female Swivel

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				
			A	B	C	D	E
SS-BW-FFX-04-04	1/4	9/16 -18	0.25	2.18	1.1	9/16	11/16
SS-BW-FFX-04-06	1/4	11/16 -16	0.25	2.14	1.06	11/16	13/16
SS-BW-FFX-04-08	1/4	13/16 -16	0.25	2.28	1.2	3/4	15/16
SS-BW-FFX-06-06	3/8	11/16 -16	0.375	2.43	1.2	11/16	7/8
SS-BW-FFX-06-08	3/8	13/16 -16	0.375	2.61	1.24	3/4	15/16
SS-BW-FFX-08-08	1/2	13/16 -16	0.5	2.77	1.43	7/8	1-1/16
SS-BW-FFX-08-10	1/2	1 -14	0.5	2.86	1.52	15/16	1-1/8
SS-BW-FFX-08-12	1/2	1-3/16 -12	0.5	2.95	1.61	1-1/8	1-3/8
SS-BW-FFX-10-08	5/8	13/16 -16	0.625	3.46	1.36	7/8	15/16
SS-BW-FFX-10-10	5/8	1 -14	0.625	3.44	1.58	15/16	1-1/8
SS-BW-FFX-10-12	5/8	1-3/16 -12	0.625	3.78	1.68	1-1/8	1-3/8
SS-BW-FFX-12-10	3/4	1 -14	0.75	3.39	1.52	1-1/8	1-1/8
SS-BW-FFX-12-12	3/4	1-3/16 -12	0.75	3.64	1.85	1-1/8	1-3/8
SS-BW-FFX-12-16	3/4	1-7/16 -12	0.75	3.68	1.81	1-3/8	1-5/8
SS-BW-FFX-16-12	1	1-3/16 -12	1	3.76	1.64	1-3/8	1-3/8
SS-BW-FFX-16-16	1	1-7/16 -12	1	3.90	1.79	1-3/8	1-5/8
SS-BW-FFX-16-20	1	1-11/16 -12	1	3.99	1.88	1-5/8	2
SS-BW-FFX-20-20	1-1/4	1-11/16 -12	1.25	4.34	1.89	1-5/8	2
SS-BW-FFX-20-24	1-1/4	2 -12	1.25	4.57	2.12	2-1/4	2-1/4
SS-BW-FFX-24-24	1-1/2	2 -12	1.5	4.79	2.19	2-1/4	2-1/4



Product Number: SS-BW-FFX45

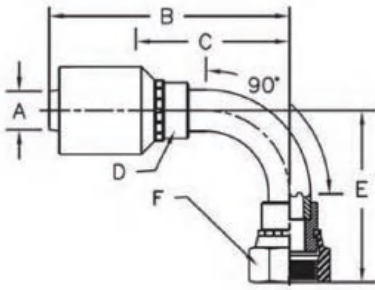
Name: O-Ring Face Seal (ORFS), 45°

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	F
SS-BW-FFX45-04-04	1/4	9/16 -18	0.25	2.86	1.80	5/8	0.39	11/16
SS-BW-FFX45-04-06	1/4	11/16 -16	0.25	2.95	1.89	5/8	0.44	5/8
SS-BW-FFX45-06-06	3/8	11/16 -16	0.375	3.29	1.92	3/4	0.43	13/16
SS-BW-FFX45-06-08	3/8	13/16 -16	0.375	3.22	1.85	3/4	0.59	15/16
SS-BW-FFX45-08-08	1/2	13/16 -16	0.5	3.24	1.90	7/8	0.59	15/16
SS-BW-FFX45-08-10	1/2	1 -14	0.5	3.46	2.12	7/8	0.63	1-1/8
SS-BW-FFX45-08-12	1/2	1-3/16 -12	0.5	3.48	2.14	1	0.83	1-3/8
SS-BW-FFX45-10-10	5/8	1 -14	0.625	4.29	2.19	1	0.63	1-1/8
SS-BW-FFX45-10-12	5/8	1-1/16 -12	0.625	4.21	2.11	1	0.83	1-3/8
SS-BW-FFX45-12-12	3/4	1-3/16 -12	0.75	4.58	2.70	1	0.81	1-3/8
SS-BW-FFX45-12-16	3/4	1-7/16 -12	0.75	4.65	2.77	1	0.87	1-5/8
SS-BW-FFX45-16-16	1	1-7/16 -12	1	5.11	3.00	1-5/16	0.94	1-5/8
SS-BW-FFX45-16-20	1	1-11/16 -12	1	5.29	3.18	1-5/16	1.3	2
SS-BW-FFX45-20-20	1-1/4	1-11/16 -12	1.25	6.16	3.62	1-5/8	1.09	2
SS-BW-FFX45-20-24	1-1/4	2 -12	1.25	6.57	4.03	1-5/8	1.5	2-1/4
SS-BW-FFX45-24-24	1-1/2	2 -12	1.5	6.62	4.02	2	1.65	2-1/4



Product Number: SS-BW-FFX90

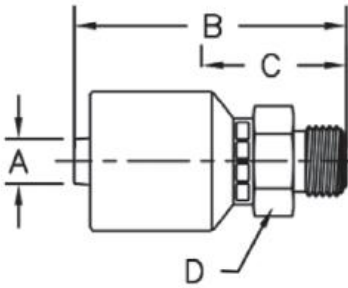
Name: O-Ring Face Seal (ORFS),90°

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	F
SS-BW-FFX90-04-04	1/4	9/16 -18	0.25	2.70	1.64	11/16	0.82	11/16
SS-BW-FFX90-04-06	1/4	11/16 -16	0.25	2.84	1.78	13/16	0.91	13/16
SS-BW-FFX90-04-08	1/4	13/16 -16	0.25	2.79	1.73	15/16	1.14	15/16
SS-BW-FFX90-06-06	3/8	11/16 -16	0.375	3.17	1.80	13/16	0.91	13/16
SS-BW-FFX90-06-08	3/8	13/16 -16	0.375	3.13	1.76	15/16	1.14	15/16
SS-BW-FFX90-08-08	1/2	13/16 -16	0.5	3.05	1.71	15/16	1.14	15/16
SS-BW-FFX90-08-10	1/2	1 -14	0.5	3.45	2.11	1-1/8	1.33	1-1/8
SS-BW-FFX90-08-12	1/2	1-3/16 -12	0.5	3.52	2.18	1-3/8	1.88	1-3/8
SS-BW-FFX90-10-08	5/8	13/16 -16	0.625	3.98	1.88	15/16	1.14	15/16
SS-BW-FFX90-10-10	5/8	1 -14	0.625	4.28	2.18	1-1/8	1.26	1-1/8
SS-BW-FFX90-10-12	5/8	1-3/16 -12	0.625	4.41	2.31	1-3/8	1.88	1-3/8
SS-BW-FFX90-12-10	3/4	1 -14	0.75	4.07	2.20	1-1/8	1.26	1-1/8
SS-BW-FFX90-12-12	3/4	1-3/16 -12	0.75	4.36	2.57	1-3/8	1.88	1-3/8
SS-BW-FFX90-12-16	3/4	1-7/16 -12	0.75	4.36	2.57	1-5/8	2.21	1-5/8
SS-BW-FFX90-16-16	1	1-7/16 -12	1	5.05	2.94	1-5/8	2.21	1-5/8
SS-BW-FFX90-16-20	1	1-11/16 -12	1	5.17	3.05	2	2.50	1-7/8
SS-BW-FFX90-20-20	1-1/4	1-11/16 -12	1.25	6.16	3.71	2	2.51	1-7/8
SS-BW-FFX90-20-24	1-1/4	2 -12	1.25	6.03	3.49	2-1/4	3.09	2-1/4
SS-BW-FFX90-24-24	1-1/2	2 -12	1.5	6.72	4.12	2-1/4	3.36	2-1/4



Product Number: SS-BW-MFF

Name: O-Ring Face Seal (ORFS) Male Rigid- Stainless

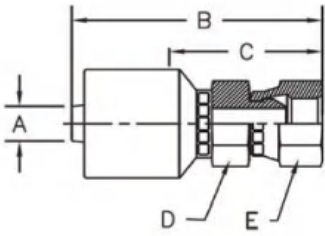
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			
			A	B	C	D
SS-BW-MFF-04-04-W	1/4	9/16 - 18	0.250	2.045	0.965	5/8
SS-BW-MFF-06-06-W	3/8	11/16 - 16	0.375	2.241	0.871	11/16
SS-BW-MFF-06-08-W	3/8	13/16 - 16	0.375	2.304	0.934	7/8
SS-BW-MFF-08-08-W	1/2	13/16 - 16	0.500	2.329	0.989	7/8
SS-BW-MFF-08-10-W	1/2	1 - 14	0.500	2.591	1.251	1 1/16
SS-BW-MFF-10-10-W	5/8	1 - 14	0.625	3.421	1.321	1 1/16
SS-BW-MFF-10-12-W	5/8	1-13/16 - 12	0.625	3.481	1.381	1 1/4
SS-BW-MFF-12-12-W	3/4	1-13/16 - 12	0.750	3.215	1.336	1 1/4
SS-BW-MFF-16-16-W	1.000	1-7/16 - 12	1.000	3.479	1.354	1 1/2

BW SERIES



Product Number: SS-BW-FBX

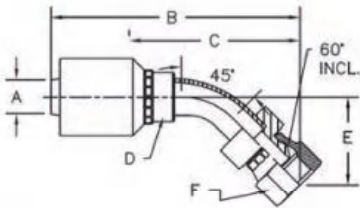
Name: BSPP Female Swivel- Stainless

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				H1
			A	B	C	D	
SS-BW-FBX-04-04	1/4	1/4 -19	0.25	2.06	0.98	9/16	3/4
SS-BW-FBX-04-06	1/4	3/8 -19	0.25	2.16	1.10	5/8	7/8
SS-BW-FBX-06-06	3/8	3/8 -19	0.375	2.33	1.10	3/4	7/8
SS-BW-FBX-06-08	3/8	1/2 -14	0.375	2.65	1.28	3/4	1
SS-BW-FBX-08-08	1/2	1/2 -14	0.5	2.66	1.32	7/8	1
SS-BW-FBX-08-10	1/2	5/8 -14	0.5	2.94	1.60	7/8	1-1/8
SS-BW-FBX-10-10	5/8	5/8 -14	0.625	3.66	1.56	1	1-1/8
SS-BW-FBX-12-12	3/4	3/4 -14	0.75	3.40	1.61	1-1/8	1-1/4
SS-BW-FBX-16-16	1	1 -11	1	3.72	1.61	1-3/8	1-1/2
SS-BW-FBX-20-20	1-1/4	1-1/4 -11	1.25	4.39	1.94	1-3/4	2
SS-BW-FBX-24-24	1-1/2	1-1/2 -11	1.5	4.85	2.25	2-1/4	2-3/8



Product Number: SS-BW-FBX45

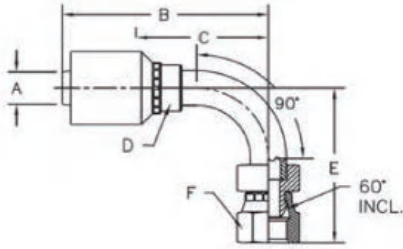
Name: BSP 45° Female Swivel Elbow - Stainless

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	F
SS-BW-FBX45-04-04	1/4	1/4 - 19	0.25	3.17	2.11	5/8	0.75	3/4
SS-BW-FBX45-04-06	1/4	3/8 - 19	0.25	3.45	2.39	5/8	0.95	7/8
SS-BW-FBX45-06-06	3/8	3/8 - 19	0.375	2.64	1.41	3/4	0.59	7/8
SS-BW-FBX45-06-08	3/8	1/2 - 14	0.375	4.10	2.73	3/4	1.00	1
SS-BW-FBX45-08-08	1/2	1/2 - 14	0.5	3.36	2.02	7/8	0.71	1
SS-BW-FBX45-10-10	5/8	5/8 - 14	0.625	4.76	2.66	1	1.10	1-1/8
SS-BW-FBX45-12-12	3/4	3/4 - 14	0.75	4.51	2.72	1	1.18	1-1/4
SS-BW-FBX45-16-16	1	1 - 11	1	5.35	3.24	1-5/16	1.36	1-1/2
SS-BW-FBX45-20-20	1-1/4	1-1/4 - 11	1.25	6.87	4.33	1-5/8	1.94	2
SS-BW-FBX45-24-24	1-1/2	1-1/2 - 11	1.5	7.80	5.20	2	2.14	2-3/8



Product Number: SS-BW-FBX90

Name: BSP Female Swivel, 90 Elbow - Stainless

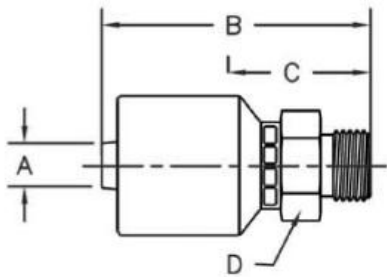
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	F
SS-BW-FBX90-04-04	1/4	1/4 -19	0.25	2.70	1.64	5/8	1.33	3/4
SS-BW-FBX90-04-06	1/4	3/8 -19	0.25	2.84	1.78	5/8	1.79	3/4
SS-BW-FBX90-06-06	3/8	3/8 -19	0.375	3.17	1.80	3/4	1.79	7/8
SS-BW-FBX90-06-08	3/8	1/2 -14	0.375	3.47	2.10	3/4	1.95	1
SS-BW-FBX90-08-08	1/2	1/2 -14	0.5	3.49	2.15	7/8	1.95	1
SS-BW-FBX90-10-10	5/8	5/8 -14	0.625	3.82	1.72	1	2.34	1-1/8
SS-BW-FBX90-12-12	3/4	3/4 -14	0.75	4.05	2.26	1	2.47	1-1/4
SS-BW-FBX90-16-16	1	1 -11	1	4.80	2.69	1-5/16	2.89	1-1/2

BW SERIES



Product Number: SS-BW-MBSP

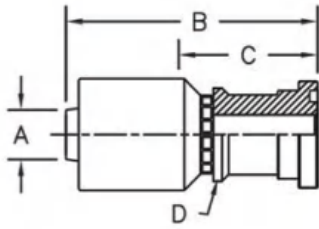
Name: BSWP Male Swivel

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			
			A	B	C	D
SS-MB-04-04	1/4	7/16 - 20	0.250	1.830	0.744	5/8
SS-MB-04-05	1/4	1/2 - 20	0.250	1.810	0.750	5/8
SS-MB-04-06	1/4	9/16 - 18	0.250	1.946	0.886	11/16
SS-MB-06-06	3/8	9/16 - 18	0.375	2.120	0.890	3/4
SS-MB-06-08	3/8	3/4 - 16	0.375	2.170	0.940	7/8
SS-MB-06-10	3/8	7/8 - 14	0.375	2.456	1.086	1.000
SS-MB-08-06	1/2	9/16 - 18	0.500	2.301	0.986	11/16
SS-MB-08-08	1/2	3/4 - 16	0.500	2.350	1.010	7/8
SS-MB-08-10	1/2	7/8 - 14	0.500	2.481	1.141	1 1/16
SS-MB-08-12	1/2	1-1/16 - 12	0.500	2.564	1.224	1 1/4
SS-MB-10-10	5/8	7/8 - 14	0.625	3.311	1.211	1 1/16
SS-MB-10-12	5/8	1-1/16 - 12	0.625	3.394	1.294	1 1/4
SS-MB-12-12	3/4	1-1/16 - 12	0.750	2.050	1.260	1 1/4
SS-MB-12-16	3/4	1-5/16 - 12	0.750	3.050	1.260	1 1/2
SS-MB-16-16	1.000	1-5/16 - 12	1.000	3.380	1.270	1 1/2
SS-MB-16-20	1.000	1-5/8 - 12	1.000	3.570	1.460	1 7/8
SS-MB-20-20	1 1/4	1-5/8 - 12	1.250	4.070	1.620	1 7/8
SS-MB-20-24	1 1/4	1-7/8 - 12	1.250	3.940	1.490	1 1/8
SS-MB-24-24	1 1/2	1-7/8 - 12	1.500	4.310	1.710	1 1/4
SS-MB-32-32	2.000	2-1/2 - 12	2.000	5.160	1.910	2 3/4



Product Number: SS-BW-FL61

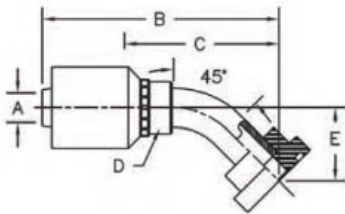
Name: Code 61 Flange Rigid

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			
			A	B	C	D
SS-BW-C61-08-08	1/2	-	0.5	3.18	1.84	1-3/16
SS-BW-C61-08-12	1/2	-	0.5	2.92	1.58	1-1/2
SS-BW-C61-12-12	3/4	-	0.75	3.40	1.61	1-1/2
SS-BW-C61-12-16	3/4	-	0.75	3.70	1.91	1-3/4
SS-BW-C61-16-16	1	-	1	4.02	1.91	1-3/4
SS-BW-C61-16-20	1	-	1	4.02	1.91	2
SS-BW-C61-16-24	1	-	1	4.20	2.07	2-3/8
SS-BW-C61-20-20	1-1/4	-	1.25	4.40	1.95	2
SS-BW-C61-20-24	1-1/4	-	1.25	4.56	2.11	2-3/8
SS-BW-C61-24-24	1-1/2	-	1.5	4.69	2.09	2-3/8
SS-BW-C61-24-32	1-1/2	-	1.5	5.30	2.70	2-13/16
SS-BW-C61-32-32	2	-	2	6.02	2.77	2-13/16



Product Number: SS-BW-FL6145

Name: Code 61 Flange Rigid, 45°

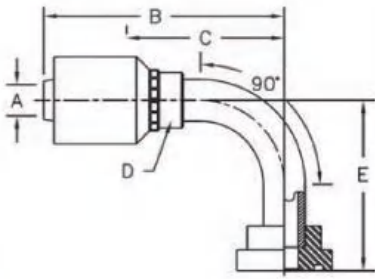
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				
			A	B	C	D	E
SS-BW-C6145-08-08	1/2	-	0.5	3.80	2.46	7/8	0.75
SS-BW-C6145-08-12	1/2	-	0.5	3.58	2.24	1	0.84
SS-BW-C6145-12-12	3/4	-	0.75	4.54	2.75	1	0.84
SS-BW-C6145-12-16	3/4	-	0.75	4.54	2.75	1	0.84
SS-BW-C6145-16-16	1	-	1	4.82	2.71	1-5/16	1.13
SS-BW-C6145-16-20	1	-	1	4.86	2.74	1-5/16	0.94
SS-BW-C6145-20-20	1-1/4	-	1.25	6.19	3.65	1-5/8	1.26
SS-BW-C6145-20-24	1-1/4	-	1.25	6.23	3.69	1-5/8	1.30
SS-BW-C6145-24-24	1-1/2	-	1.5	7.05	4.45	2	1.73
SS-BW-C6145-24-32	1-1/2	-	1.5	6.98	4.38	2	1.35
SS-BW-C6145-32-32	2	-	2	9.00	5.70	2-1/2	2.74
SS-BW-C6145-32-40	2	-	2	9.05	5.75	2-1/2	2.77

BW SERIES



Product Number: SS-BW-FL6190

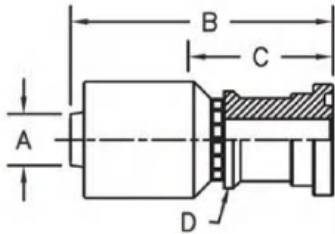
Name: Code 61 Flange Rigid, 90°

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				
			A	B	C	D	E
SS-BW-C6190-06-08	3/8	-	0.375	3.12	1.75	3/4	1.63
SS-BW-C6190-08-08	1/2	-	0.5	3.14	1.80	7/8	1.63
SS-BW-C6190-08-12	1/2	-	0.5	3.49	2.15	1	1.56
SS-BW-C6190-12-12	3/4	-	0.75	4.73	2.94	1	2.37
SS-BW-C6190-12-16	3/4	-	0.75	4.73	2.94	1	2.38
SS-BW-C6190-16-16	1	-	1	5.19	3.08	1-5/16	2.8
SS-BW-C6190-16-20	1	-	1	4.80	2.69	1-5/16	2.25
SS-BW-C6190-20-20	1-1/4	-	1.25	6.18	3.73	1-5/8	2.68
SS-BW-C6190-20-24	1-1/4	-	1.25	6.38	3.93	1-5/8	2.74
SS-BW-C6190-24-24	1-1/2	-	1.5	6.74	4.14	2	3.26
SS-BW-C6190-24-32	1-1/2	-	1.5	6.74	4.14	2	3.26
SS-BW-C6190-32-32	2	-	2	8.30	5.00	2-1/2	5.46



Product Number: SS-BW-FL62

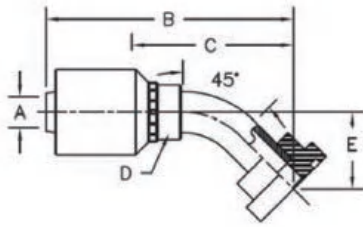
Name: Code 62 Flange Rigid

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			
			A	B	C	D
SS-BW-C62-12-08	3/4	-	0.75	3.79	2.00	1-1/4
SS-BW-C62-12-12	3/4	-	0.75	3.56	1.77	1-5/8
SS-BW-C62-12-16	3/4	-	0.75	4.15	2.36	1-7/8
SS-BW-C62-16-16	1	-	1	4.53	2.42	1-7/8
SS-BW-C62-16-20	1	-	1	4.81	2.70	2-1/8
SS-BW-C62-20-20	1-1/4	-	1.25	5.21	2.81	2-1/8
SS-BW-C62-20-24	1-1/4	-	1.25	5.44	2.99	2-1/2
SS-BW-C62-24-24	1-1/2	-	1.5	5.59	2.99	2-7/8
SS-BW-C62-32-32	2	-	2	6.58	3.33	3-1/8



Product Number: SS-BW-FL6245

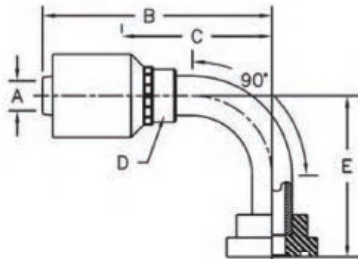
Name: Code 62 Flange Rigid, 45°

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				
			A	B	C	D	E
SS-BW-C6245-12-12	3/4	-	0.75	4.63	2.84	1	0.93
SS-BW-C6245-12-16	3/4	-	0.75	4.71	2.93	1	1.02
SS-BW-C6245-16-16	1	-	1	5.38	3.26	1-5/16	1.25
SS-BW-C6245-16-20	1	-	1	5.51	3.4	1-5/16	1.39
SS-BW-C6245-20-20	1-1/4	-	1.25	6.49	3.95	1-5/8	1.48
SS-BW-C6245-20-24	1-1/4	-	1.25	6.62	4.08	1-5/8	1.61
SS-BW-C6245-24-24	1-1/2	-	1.5	7.37	4.77	2	1.72
SS-BW-C6245-32-32	2	-	2	9.53	6.23	2-1/2	3.25



Product Number: SS-BW-FL6290

Name: Code 62 Flange Rigid, 90°

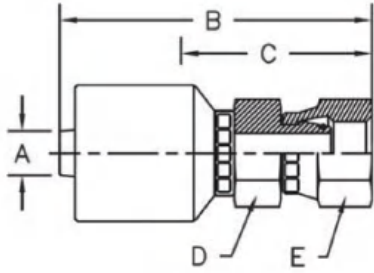
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				
			A	B	C	D	E
SS-BW-C6290-12-12	3/4	-	0.75	4.73	2.94	1	2.51
SS-BW-C6290-12-16	3/4	-	0.75	4.73	2.94	1	2.62
SS-BW-C6290-16-16	1	-	1	4.8	2.69	1-5/16	2.50
SS-BW-C6290-16-20	1	-	1	4.8	2.69	1-5/16	2.69
SS-BW-C6290-20-16	1-1/4	-	1.25	5.34	2.8	1-5/8	2.50
SS-BW-C6290-20-20	1-1/4	-	1.25	6.25	3.71	1-5/8	3.12
SS-BW-C6290-20-24	1-1/4	-	1.25	6.25	3.71	1-5/8	3.32
SS-BW-C6290-24-24	1-1/2	-	1.5	6.73	4.13	2	3.71
SS-BW-C6290-32-32	2	-	2	8.31	5.01	2-1/2	5.56

BW SERIES



Product Number: SS-BW-FDL

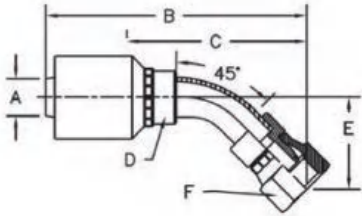
Name: Metric DIN Light

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				
			A	B	C	D	E
SS-BW-FDL-04-08-14	1/4	M14 X 1.5	0.25	2.30	1.24	9/16	3/4
SS-BW-FDL-04-10-16	1/4	M16 X 1.5	0.25	2.23	1.17	11/16	7/8
SS-BW-FDL-06-10-16	3/8	M16 X 1.5	0.375	2.56	1.19	3/4	7/8
SS-BW-FDL-06-12-18	3/8	M18 X 1.5	0.375	2.60	1.23	3/4	15/16
SS-BW-FDL-06-15-22	3/8	M22 X 1.5	0.375	2.71	1.34	3/4	1-1/16
SS-BW-FDL-08-15-22	1/2	M22 X 1.5	0.5	2.80	1.46	7/8	1-1/16
SS-BW-FDL-08-18-26	1/2	M26 X 1.5	0.5	3.78	1.68	1-1/8	1-1/4
SS-BW-FDL-10-18-26	5/8	M26 X 1.5	0.625	3.63	1.53	1	1-1/4
SS-BW-FDL-12-18-26	3/4	M26 X 1.5	0.75	3.44	1.56	1-1/8	1-1/4
SS-BW-FDL-12-22-30	3/4	M30 X 2.0	0.75	3.57	1.70	1-3/16	1-7/16
SS-BW-FDL-16-28-36	1	M36 X 2.0	1	3.86	1.76	1 1/2	1-3/4
SS-BW-FDL-20-35-45	1-1/4	M45 X 2.0	1.25	4.22	1.82	1-11/16	2
SS-BW-FDL-24-42-52	1-1/2	M52 X 2.0	1.5	-	-	-	2-3/8



Product Number: SS-BW-FDL45

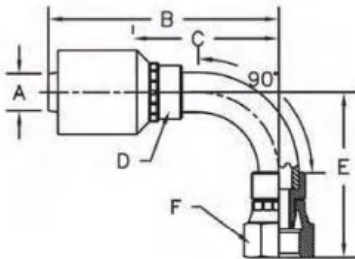
Name: Metric DIN Light, 45°

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	F
SS-BW-FDL45-04-08-14	1/4	M14 X 1.5	0.25	3.37	2.31	5/8	0.91	3/4
SS-BW-FDL45-06-10-16	3/8	M16 X 1.5	0.375	3.93	2.56	11/16	1.10	7/8
SS-BW-FDL45-06-12-18	3/8	M18 X 1.5	0.375	3.82	2.59	3/4	1.13	15/16
SS-BW-FDL45-08-15-22	1/2	M22 X 1.5	0.5	4.28	2.94	7/8	1.22	1-1/16
SS-BW-FDL45-10-18-26	5/8	M26 X 1.5	0.625	4.88	2.78	1	1.28	1-1/4
SS-BW-FDL45-12-18-26	3/4	M26 X 1.5	0.75	4.68	2.80	1	1.28	1-1/4
SS-BW-FDL45-12-22-30	3/4	M30 X 2.0	0.75	4.82	2.94	1	1.42	1-7/16
SS-BW-FDL45-16-28-36	1	M36 X 2.0	1	5.81	3.68	1-5/16	1.66	1-3/4
SS-BW-FDL45-20-35-45	1-1/4	M45 X 2.0	1.25	7.01	4.47	1-5/8	1.77	2



Product Number: SS-BW-FDL90

Name: Metric DIN Light, 90°

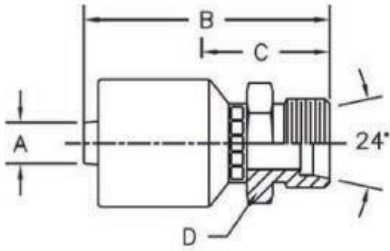
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	F
SS-BW-FDL45-04-08-14	1/4	M14 X 1.5	0.25	3.37	2.31	5/8	0.91	3/4
SS-BW-FDL45-06-10-16	3/8	M16 X 1.5	0.375	3.93	2.56	11/16	1.10	7/8
SS-BW-FDL45-06-12-18	3/8	M18 X 1.5	0.375	3.82	2.59	3/4	1.13	15/16
SS-BW-FDL45-08-15-22	1/2	M22 X 1.5	0.5	4.28	2.94	7/8	1.22	1-1/16
SS-BW-FDL45-10-18-26	5/8	M26 X 1.5	0.625	4.88	2.78	1	1.28	1-1/4
SS-BW-FDL45-12-18-26	3/4	M26 X 1.5	0.75	4.68	2.80	1	1.28	1-1/4
SS-BW-FDL45-12-22-30	3/4	M30 X 2.0	0.75	4.82	2.94	1	1.42	1-7/16
SS-BW-FDL45-16-28-36	1	M36 X 2.0	1	5.81	3.68	1-5/16	1.66	1-3/4
SS-BW-FDL45-20-35-45	1-1/4	M45 X 2.0	1.25	7.01	4.47	1-5/8	1.77	2

BW SERIES



Product Number: SS-BW-MDL

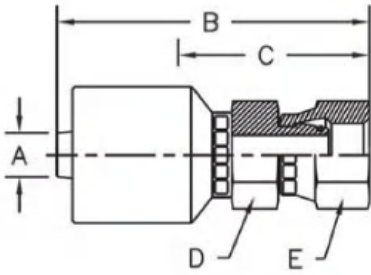
Name: Metric DIN Male Light

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			
			A	B	C	D
SS-BW-MDS-04-08-16	1/4	M16 X 1.5	0.25	2.10	1.04	11/16
SS-BW-MDS-04-10-18	1/4	M18 X 1.5	0.25	2.10	1.04	3/4
SS-BW-MDS-06-08-16	3/8	M16 X 1.5	0.375	2.43	1.06	11/16
SS-BW-MDS-06-12-20	3/8	M20 X 1.5	0.375	2.43	1.06	15/16
SS-BW-MDS-06-14-22	3/8	M22 X 1.5	0.375	2.52	1.15	7/8
SS-BW-MDS-08-16-24	1/2	M24 X 1.5	0.5	2.53	1.19	1
SS-BW-MDS-10-20-30	5/8	M30 X 2.0	0.625	3.44	1.34	1-3/16
SS-BW-MDS-12-25-36	3/4	M36 X 2.0	0.75	3.34	1.47	1-1/2
SS-BW-MDS-16-30-42	1	M42 X 2.0	1	3.68	1.55	1-11/16
SS-BW-MDS-20-38-52	1-1/4	M52 X 2.0	1.25	4.19	1.65	2-1/4



Product Number: SS-BW-FDS

Name: Metric DIN Heavy

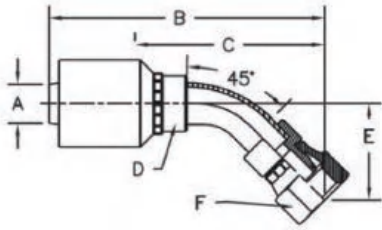
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				
			A	B	C	D	E
SS-BW-FDS-04-08-16	1/4	M16 X 1.5	0.25	2.07	1.01	9/16	7/8
SS-BW-FDS-04-10-18	1/4	M18 X 1.5	0.25	2.08	1.02	5/8	15/16
SS-BW-FDS-06-12-20	3/8	M20 X 1.5	0.375	2.51	1.14	11/16	15/16
SS-BW-FDS-06-14-22	3/8	M22 X 1.5	0.375	2.65	1.28	3/4	1-1/16
SS-BW-FDS-08-14-22	1/2	M22 X 1.5	0.5	2.69	1.34	7/8	1-1/16
SS-BW-FDS-08-16-24	1/2	M24 X 1.5	0.5	2.63	1.29	7/8	1-3/16
SS-BW-FDS-10-20-30	5/8	M30 X 2.0	0.625	3.38	1.50	1-1/4	1-7/16
SS-BW-FDS-12-20-30	3/4	M30 X 2.0	0.75	3.38	1.50	1-1/4	1-7/16
SS-BW-FDS-12-25-36	3/4	M36 X 2.0	0.75	3.36	1.48	1-1/4	1-3/4
SS-BW-FDS-16-30-42	1	M42 X 2.0	1	3.70	1.60	1-1/2	2
SS-BW-FDS-20-30-42	1-1/4	M42 X 2.0	1.25	4.37	1.83	1-3/4	2
SS-BW-FDS-20-38-52	1-1/4	M52 X 2.0	1.25	4.14	1.60	2	2-3/8
SS-BW-FDS-24-38-52	1-1/2	M52 X 2.0	1.5	4.61	2.01	2	2-3/8

BW SERIES



Product Number: SS-BW-FDS45

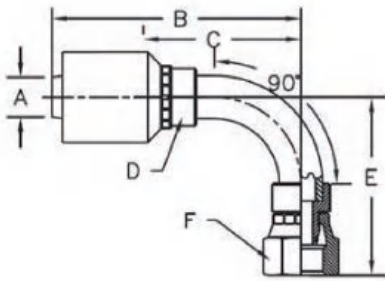
Name: Metric DIN Heavy, 45°

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	F
SS-BW-FDS45-04-08-16	1/4	M16 X 1.5	0.25	3.39	2.33	5/8	0.89	7/8
SS-BW-FDS45-04-10-18	1/4	M18 X 1.5	0.25	3.38	2.32	5/8	0.92	15/16
SS-BW-FDS45-06-08-16	3/8	M16 X 1.5	0.375	3.72	2.35	11/16	0.89	7/8
SS-BW-FDS45-06-12-20	3/8	M20 X 1.5	0.375	3.83	2.46	3/4	1.20	15/16
SS-BW-FDS45-06-14-22	3/8	M22 X 1.5	0.375	3.85	2.48	11/16	1.02	1-1/16
SS-BW-FDS45-08-12-20	1/2	M20 X 1.5	0.5	3.85	2.51	7/8	1.20	15/16
SS-BW-FDS45-08-16-24	1/2	M24 X 1.5	0.5	4.32	2.98	7/8	1.26	1-3/16
SS-BW-FDS45-10-20-30	5/8	M30 X 2.0	0.625	5.46	3.36	1	1.40	1-7/16
SS-BW-FDS45-12-20-30	3/4	M30 X 2.0	0.75	5.18	3.30	1	1.40	1-7/16
SS-BW-FDS45-12-25-36	3/4	M36 X 2.0	0.75	4.93	3.05	1	1.26	1-3/4
SS-BW-FDS45-16-30-42	1	M42 X 2.0	1	5.83	3.70	1-5/16	1.69	2
SS-BW-FDS45-20-30-42	1-1/4	M42 X 2.0	1.25	6.36	3.82	1-5/8	1.69	2
SS-BW-FDS45-20-38-52	1-1/4	M52 X 2.0	1.25	7.00	4.46	1-5/8	1.82	2-3/8
SS-BW-FDS45-24-38-52	1-1/2	M52 X 2.0	1.5	7.18	4.58	2	1.82	2-3/8



Product Number: SS-BW-FDS90

Name: Metric DIN Heavy, 90°

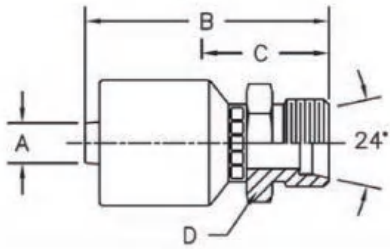
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose, 4 Spiral Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17, R12, 4SH

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	F
SS-BW-FDS90-04-08-16	1/4	M16 X 1.5	0.25	2.84	1.78	5/8	1.54	1-1/4
SS-BW-FDS90-04-10-18	1/4	M18 X 1.5	0.25	2.70	1.64	5/8	1.50	15/16
SS-BW-FDS90-06-12-20	3/8	M20 X 1.5	0.375	3.47	2.10	3/4	1.99	15/16
SS-BW-FDS90-06-14-22	3/8	M22 X 1.5	0.375	3.17	1.80	11/16	1.75	1-1/16
SS-BW-FDS90-08-12-20	1/2	M20 X 1.5	0.5	3.49	2.15	7/8	1.99	15/16
SS-BW-FDS90-08-16-24	1/2	M24 X 1.5	0.5	3.49	2.15	7/8	1.89	1-3/16
SS-BW-FDS90-10-20-30	5/8	M30 X 2.0	0.625	4.96	2.86	1	2.69	1-7/16
SS-BW-FDS90-12-20-30	3/4	M30 X 2.0	0.75	4.69	2.81	1	2.69	1-7/16
SS-BW-FDS90-12-25-36	3/4	M36 X 2.0	0.75	4.12	2.24	1	2.71	1-3/4
SS-BW-FDS90-16-30-42	1	M42 X 2.0	1	5.17	3.05	1-5/16	2.71	2
SS-BW-FDS90-20-30-42	1-1/4	M42 X 2.0	1.25	5.71	3.16	1-5/8	3.27	2
SS-BW-FDS90-20-38-52	1-1/4	M52 X 2.0	1.25	6.42	3.88	1-5/8	3.78	2-3/8
SS-BW-FDS90-24-38-52	1-1/2	M52 X 2.0	1.5	6.60	4.00	2	3.78	2-3/8

BW SERIES



Product Number: SS-BW-MDS

Name: Male Metric DIN Heavy

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

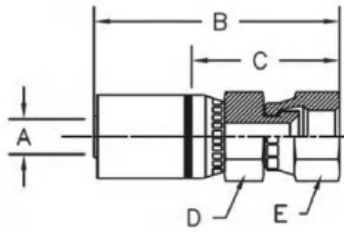
Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			
			A	B	C	D
SS-BW-MDS-04-08-16	1/4	M16 X 1.5	0.25	2.10	1.04	11/16
SS-BW-MDS-04-10-18	1/4	M18 X 1.5	0.25	2.10	1.04	3/4
SS-BW-MDS-06-08-16	3/8	M16 X 1.5	0.375	2.43	1.06	11/16
SS-BW-MDS-06-12-20	3/8	M20 X 1.5	0.375	2.43	1.06	15/16
SS-BW-MDS-06-14-22	3/8	M22 X 1.5	0.375	2.52	1.15	7/8
SS-BW-MDS-08-16-24	1/2	M24 X 1.5	0.5	2.53	1.19	1
SS-BW-MDS-10-20-30	5/8	M30 X 2.0	0.625	3.44	1.34	1-3/16
SS-BW-MDS-12-25-36	3/4	M36 X 2.0	0.75	3.34	1.47	1-1/2
SS-BW-MDS-16-30-42	1	M42 X 2.0	1	3.68	1.55	1-11/16
SS-BW-MDS-20-38-52	1-1/4	M52 X 2.0	1.25	4.19	1.65	2-1/4

HY Crimp Fittings Series



HY SERIES



Product Number: SS-HY-FJX

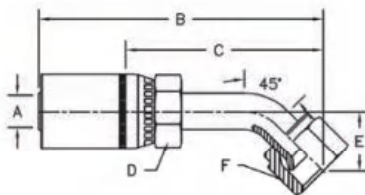
Name: 37° Flare JIC Female Swivel

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				
			A	B	C	D	E
SS-HY-FJX-04-04	1/4	7/16 -20	0.25	2.36	1.10	9/16	9/16
SS-HY-FJX-04-06	1/4	9/16 -18	0.25	2.45	1.19	9/16	11/16
SS-HY-FJX-06-04	3/8	7/16 -20	0.375	2.62	1.12	11/16	9/16
SS-HY-FJX-06-06	3/8	9/16 -18	0.375	2.70	1.36	11/16	11/16
SS-HY-FJX-06-08	3/8	3/4 -16	0.375	2.86	1.36	11/16	7/8
SS-HY-FJX-08-08	1/2	3/4 -16	0.5	2.85	1.59	7/8	7/8
SS-HY-FJX-08-10	1/2	7/8 -14	0.5	3.09	1.59	7/8	1
SS-HY-FJX-10-10	5/8	7/8 -14	0.625	3.17	1.67	1-1/8	1
SS-HY-FJX-12-12	3/4	1-1/16 -12	0.75	3.25	1.70	1-1/8	1-1/4
SS-HY-FJX-12-16	3/4	1-5/16 -12	0.75	3.23	1.67	1-3/8	1-1/2
SS-HY-FJX-16-16	1	1-5/16 -12	1	3.39	1.66	1-3/8	1-1/2
SS-HY-FJX-20-20	1-1/4	1-5/8 -12	1.25	3.89	1.89	1-3/4	2



Product Number: SS-HY-FJX45

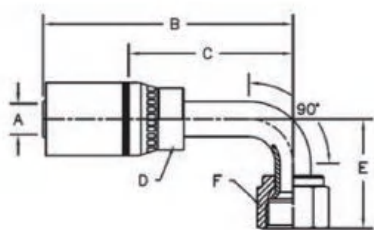
Name: 37° Flare JIC Female Swivel, 45°

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	F
SS-HY-FJX45-04-04	1/4	7/16 -20	0.25	3.14	1.88	5/8	0.39	9/16
SS-HY-FJX45-06-06	3/8	9/16 -18	0.375	3.47	1.97	11/16	0.43	11/16
SS-HY-FJX45-06-08	3/8	3/4 -16	0.375	3.81	2.31	3/4	0.59	7/8
SS-HY-FJX45-08-08	1/2	3/4 -16	0.5	3.91	2.41	7/8	0.59	7/8
SS-HY-FJX45-08-10	1/2	7/8 -14	0.5	3.56	2.06	7/8	0.63	1
SS-HY-FJX45-10-10	5/8	7/8 -14	0.625	3.81	2.31	1-1/8	0.63	1
SS-HY-FJX45-12-12	3/4	1-1/16 -12	0.75	3.94	2.34	1-1/8	0.83	1-1/4
SS-HY-FJX45-16-16	1	1-5/16 -12	1	4.55	2.82	1-3/8	0.95	1-1/2
SS-HY-FJX45-20-20	1-1/4	1-5/8 -12	1.25	5.97	3.97	1-3/4	1.47	2



Product Number: SS-HY-FJX90

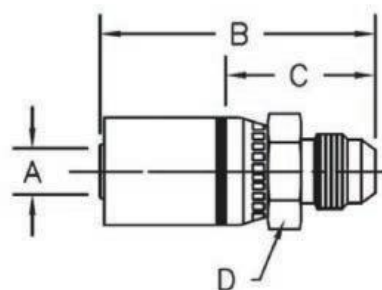
Name: 37° Flare JIC Female Swivel, 90°

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	F
SS-HY-FJX45-04-04	1/4	7/16 -20	0.25	3.14	1.88	5/8	0.39	9/16
SS-HY-FJX45-06-06	3/8	9/16 -18	0.375	3.47	1.97	11/16	0.43	11/16
SS-HY-FJX45-06-08	3/8	3/4 -16	0.375	3.81	2.31	3/4	0.59	7/8
SS-HY-FJX45-08-08	1/2	3/4 -16	0.5	3.91	2.41	7/8	0.59	7/8
SS-HY-FJX45-08-10	1/2	7/8 -14	0.5	3.56	2.06	7/8	0.63	1
SS-HY-FJX45-10-10	5/8	7/8 -14	0.625	3.81	2.31	1-1/8	0.63	1
SS-HY-FJX45-12-12	3/4	1-1/16 -12	0.75	3.94	2.34	1-1/8	0.83	1-1/4
SS-HY-FJX45-16-16	1	1-5/16 -12	1	4.55	2.82	1-3/8	0.95	1-1/2
SS-HY-FJX45-20-20	1-1/4	1-5/8 -12	1.25	5.97	3.97	1-3/4	1.47	2



Product Number: SS-HY-MJ

Name: 37° Flare JIC Male Rigid

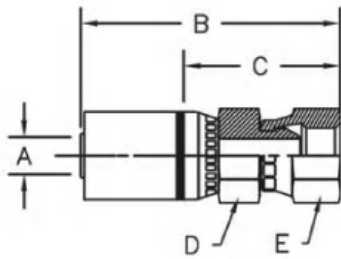
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			
			A	B	C	D
SS-HY-MJ-04-04	1/4	7/16 -20	0.25	2.3	1.05	9/16
SS-HY-MJ-06-06	3/8	9/16 -18	0.375	2.66	1.17	11/16
SS-HY-MJ-08-08	1/2	3/4 -16	0.5	2.85	1.35	7/8
SS-HY-MJ-10-10	5/8	7/8 -14	0.625	3.02	1.52	1-1/8
SS-HY-MJ-12-12	3/4	1-1/16 -12	0.75	3.22	1.63	1-1/8
SS-HY-MJ-16-16	1	1-5/16 -12	1	3.42	1.69	1-3/8

HY SERIES



Product Number: SS-HY-FPX

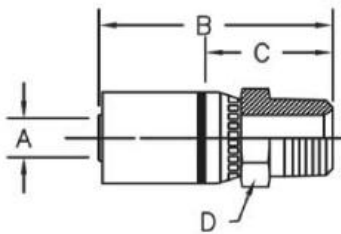
Name: Pipe Female Swivel

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				
			A	B	C	D	E
SS-HY-FPX-04-04	1/4	1/4 -18	0.25	2.15	1.09	9/16	3/4
SS-HY-FPX-06-06	3/8	3/8 -18	0.375	2.34	1.09	11/16	3/4
SS-HY-FPX-08-08	1/2	1/2 -14	0.5	2.70	1.43	11/16	7/8
SS-HY-FPX-12-12	3/4	3/4 -14	0.75	2.93	1.70	1	1
SS-HY-FPX-16-16	1	1 - 11-1/2	1	3.29	1.78	1-1/8	1-1/4
SS-HY-FPX-20-20	1-1/4	1-1/4 - 11-1/2	1.25	4.02	2.02	1-3/4	2



Product Number: SS-HY-MP

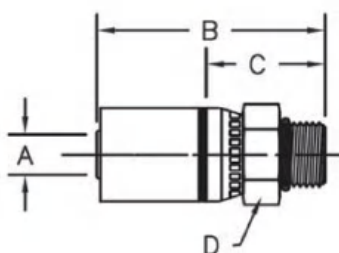
Name: Pipe Male Rigid

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			
			A	B	C	D
SS-HY-MP-04-02	1/4	1/8 -27	0.25	2.13	0.88	9/16
SS-HY-MP-04-04	1/4	1/4 -18	0.25	2.32	1.06	9/16
SS-HY-MP-04-06	1/4	3/8 -18	0.25	2.41	1.15	11/16
SS-HY-MP-06-04	3/8	1/4 -18	0.375	2.67	1.17	11/16
SS-HY-MP-06-06	3/8	3/8 -18	0.375	2.67	1.17	11/16
SS-HY-MP-06-08	3/8	1/2 -14	0.375	2.92	1.42	7/8
SS-HY-MP-08-08	1/2	1/2 -14	0.5	3.00	1.50	7/8
SS-HY-MP-10-08	5/8	1/2 -14	0.625	3.01	1.51	1-1/8
SS-HY-MP-12-08	3/4	1/2 -14	0.75	3.10	1.51	1-1/8
SS-HY-MP-12-12	3/4	3/4 -14	0.75	3.10	1.51	1-1/8
SS-HY-MP-16-16	1	1 - 11-1/2	1	3.45	1.72	1-3/8
SS-HY-MP-20-20	1-1/4	1-1/4 - 11-1/2	1.25	3.80	1.80	1-3/4



Product Number: SS-HY-MOR

Name: O-Ring Boss Rigid

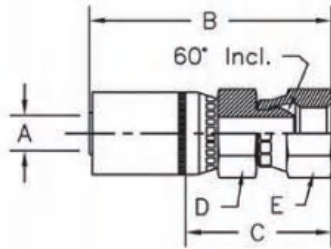
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

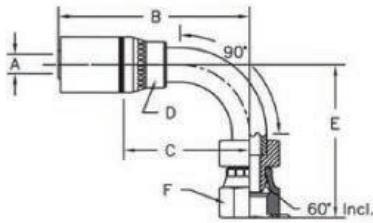
PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)			
			A	B	C	D
SS-HY-MOR-03-04	3/16	7/16 -20	0.1875	1.92	0.86	9/16
SS-HY-MOR-04-04	1/4	7/16 -20	0.25	2.11	0.86	5/8
SS-HY-MOR-04-05	1/4	1/2 -20	0.25	2.11	0.86	5/8
SS-HY-MOR-04-06	1/4	9/16 -18	0.25	2.15	0.89	11/16
SS-HY-MOR-04-08	1/4	3/4 -16	0.25	2.34	1.09	7/8
SS-HY-MOR-06-06	3/8	9/16 -18	0.375	2.50	1.00	11/16
SS-HY-MOR-06-08	3/8	3/4 -16	0.375	2.54	1.04	13/16
SS-HY-MOR-06-10	3/8	7/8 -14	0.375	2.65	1.15	1-1/16
SS-HY-MOR-08-08	1/2	3/4 -16	0.5	2.68	1.18	1-1/8
SS-HY-MOR-08-10	1/2	7/8 -14	0.5	2.75	1.25	1
SS-HY-MOR-08-12	1/2	1-1/16 -12	0.5	2.84	1.34	1-1/4
SS-HY-MOR-10-10	5/8	7/8 -14	0.625	2.76	1.26	1-1/4
SS-HY-MOR-10-12	5/8	1-1/16 -12	0.625	2.86	1.36	1-1/4
SS-HY-MOR-12-10	3/4	7/8 -14	0.625	2.75	1.25	1-1/4
SS-HY-MOR-12-12	3/4	1-1/16 -12	0.625	2.95	1.36	1-1/4
SS-HY-MOR-12-14	3/4	1-3/16 -12	0.625	2.95	1.36	1-1/2
SS-HY-MOR-12-16	3/4	1-5/16 -12	0.625	3.05	1.46	1-1/2
SS-HY-MOR-16-12	1	1-1/16 -12	1	3.11	1.37	1-1/2
SS-HY-MOR-16-16	1	1-5/16 -12	1	3.21	1.48	1-1/2

HY SERIES



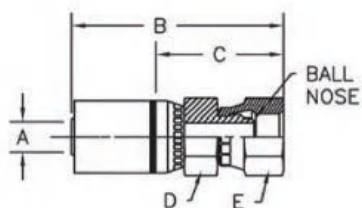
Product Number: SS-HY-FBX
Name: Bore Swivel
Material: 316 Stainless Steel
Uses: 1 & 2 Braided Hose
Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				
			A	B	C	D	E
SS-FPX-06-06	1/4	3/8 - 19	0.375	2.807	1.307	3/4	7/8
SS-FPX-06-08	3/8	1/2 - 14	0.375	2.916	1.416	7/8	1.000
SS-FPX-08-08	1/2	1/2 - 14	0.500	2.996	1.494	7/8	1.000
SS-FPX-08-12	1/2	3/4 - 14	0.500	-	-	1	1/4



Product Number: SS-HY-FBX90
Name: Tube Stub, 90°
Material: 316 Stainless Steel
Uses: 1 & 2 Braided Hose
Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	
SS-FPX90-04-04	1/4	1/4 - 19	0.250	2.370	1.720	5/8	1.330	3/4
SS-FPX90-04-06	1/4	3/8 - 19	0.250	-	-	-	-	-
SS-FPX90-06-06	3/8	3/8 - 19	0.375	3.378	1.876	3/4	1.790	7/8
SS-FPX90-06-08	1/4	3/8 - 19	0.250	3.677	2.177	3/4 R	1.950	1.000
SS-FPX90-08-08	1/2	1/2 - 14	0.500	2.100	2.250	7/8	1.950	1.000
SS-FPX90-10-10	5/8	5/8 - 14	0.625	3.317	1.437	1 1/8	2.343	1 1/8
SS-FPX90-10-12	5/8	3/4 - 14	0.625	3.755	2.255	1 1/8 R	2.312	1 1/4
SS-FPX90-12-12	3/4	3/4 - 14	0.750	3.965	2.418	1 1/8	1.660	1 1/4
SS-FPX90-16-16	1.000	1 - 11	1.000	7.59	4.95	1 3/8	2.14	1 1/2



Product Number: SS-HY-FDL

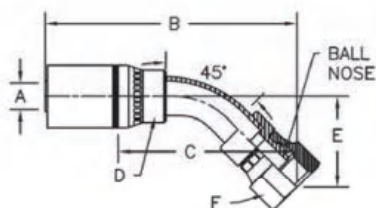
Name: Metric DIN Light

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				
			A	B	C	D	E
SS-HY-FDL-04-12	1/4	M12 X 1.5	0.25	2.40	1.14	9/16	3/4
SS-HY-FDL-04-14	1/4	M14 X 1.5	0.25	2.42	1.16	9/16	18MM
SS-HY-FDL-04-16	1/4	M16 X 1.5	0.25	2.47	1.21	5/8	7/8
SS-HY-FDL-06-16	3/8	M16 X 1.5	0.375	2.86	1.36	11/16	7/8
SS-HY-FDL-06-18	3/8	M18 X 1.5	0.375	2.73	1.24	11/16	15/16
SS-HY-FDL-06-22	3/8	M22 X 1.5	0.375	2.89	1.39	7/8	1-1/16
SS-HY-FDL-08-22	1/2	M22 X 1.5	0.5	2.85	1.35	7/8	1-1/16
SS-HY-FDL-10-26	5/8	M26 X 1.5	0.625	3.11	1.61	1-1/8	1-1/4
SS-HY-FDL-12-30	3/4	M30 X 2.0	0.75	3.43	1.69	1-1/8	1-7/16
SS-HY-FDL-16-36	1	M36 X 2.0	1	3.58	1.86	1-3/8	1-3/4



Product Number: SS-HY-FDL45

Name: Metric DIN Light, 45°

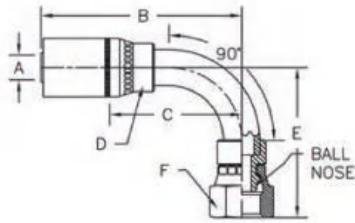
Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	F
SS-HY-FDL45-04-14	1/4	M14 X 1.5	0.25	3.12	1.87	5/8	0.86	3/4
SS-HY-FDL45-04-16	1/4	M16 X 1.5	0.25	3.92	2.66	5/8	1.13	7/8
SS-HY-FDL45-06-16	3/8	M16 X 1.5	0.375	4.17	2.67	11/16	1.13	3/4
SS-HY-FDL45-06-18	3/8	M18 X 1.5	0.375	4.17	2.67	3/4	1.13	15/16
SS-HY-FDL45-08-22	1/2	M22 X 1.5	0.5	3.85	2.16	7/8	1.22	1-1/16
SS-HY-FDL45-10-26	5/8	M26 X 1.5	0.625	3.99	2.49	1-1/8	1.4	1-1/4
SS-HY-FDL45-12-30	3/4	M30 X 2.0	0.75	4.88	3.28	1-1/8	1.84	1-7/16
SS-HY-FDL45-16-36	1	M36 X 2.0	1	5.16	3.42	1-3/8	1.44	1-3/4

HY SERIES



Product Number: SS-HY-FDL90

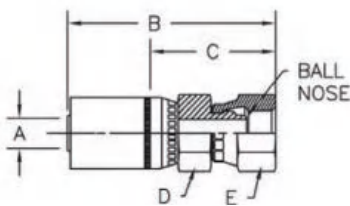
Name: Metric DIN Light, 90°

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	F
SS-HY-FDL90-04-14	1/4	M14 X 1.5	0.25	2.98	1.72	5/8	1.42	3/4
SS-HY-FDL90-04-16	1/4	M16 X 1.5	0.25	2.38	1.13	5/8	1.73	7/8
SS-HY-FDL90-06-16	3/8	M16 X 1.5	0.375	3.38	1.88	11/16	1.99	7/8
SS-HY-FDL90-06-18	3/8	M18 X 1.5	0.375	3.38	1.88	3/4	1.98	15/16
SS-HY-FDL90-08-22	1/2	M22 X 1.5	0.5	3.75	2.25	7/8	2.02	1-1/16
SS-HY-FDL90-10-26	5/8	M26 X 1.5	0.625	4.03	2.53	1-1/8	2.37	1-1/4
SS-HY-FDL90-12-30	3/4	M30 X 2.0	0.75	3.94	2.06	1-1/8	3.34	1-7/16
SS-HY-FDL90-16-36	1	M36 X 2.0	1	5.43	3.15	1-3/8	3.22	1-3/4
SS-HY-FDL90-12-30	3/4	M30 X 2.0	.75	3.87	2.28	1-1/8	2.82	1-7/16
SS-HY-FDL90-16-36	1	M36 X 2.0	1	4.95	3.22	1-3/8	3.22	1-3/4



Product Number: SS-HY-FDS

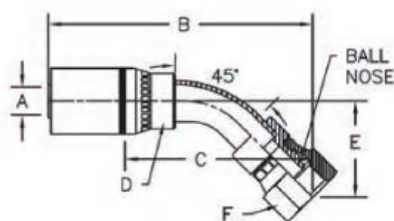
Name: Metric DIN Heavy

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)				
			A	B	C	D	E
SS-HY-FDS-04-16	1/4	M16 X 1.5	0.25	2.51	1.25	11/16	7/8
SS-HY-FDS-04-18	1/4	M18 X 1.5	0.25	2.48	1.23	5/8	15/16
SS-HY-FDS-06-16	3/8	M16 X 1.5	0.375	2.79	1.29	3/4	7/8
SS-HY-FDS-06-20	3/8	M20 X 1.5	0.375	2.92	1.42	11/16	15/16
SS-HY-FDS-06-22	3/8	M22 X 1.5	0.375	2.77	1.27	3/4	1-1/16
SS-HY-FDS-08-20	1/2	M20 X 1.5	0.5	2.91	1.41	7/8	15/16
SS-HY-FDS-08-24	1/2	M24 X 1.5	0.5	2.84	1.34	7/8	1-3/16
SS-HY-FDS-10-30	5/8	M30 X 2.0	0.625	3.34	1.84	1-1/8	1-7/16
SS-HY-FDS-12-36	3/4	M36 X 2.0	0.75	3.43	1.84	1-5/16	1-3/4
SS-HY-FDS-16-42	1	M42 X 2.0	1	3.67	1.94	1-1/2	2



Product Number: SS-HY-FDS45

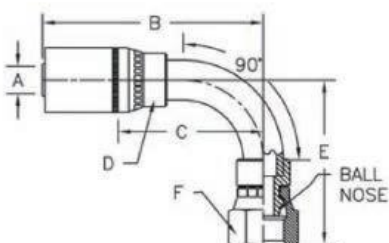
Name: Metric DIN Heavy, 45°

Material: 316 Stainless Steel

Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	F
SS-HY-FDS45-04-16	1/4	M16 X 1.5	0.25	3.23	1.97	5/8	0.96	7/8
SS-HY-FDS45-04-18	1/4	M18 X 1.5	0.25	3.26	2.00	5/8	1.11	15/16
SS-HY-FDS45-06-20	3/8	M20 X 1.5	0.375	4.15	2.65	5/8	1.12	15/16
SS-HY-FDS45-06-22	3/8	M22 X 1.5	0.375	3.74	2.25	3/4	1.20	1-1/16
SS-HY-FDS45-08-24	1/2	M24 X 1.5	0.5	4.58	3.08	7/8	1.26	1-3/16
SS-HY-FDS45-10-30	5/8	M30 X 2.0	0.625	4.35	2.85	1-1/8	1.24	1-7/16
SS-HY-FDS45-12-36	3/4	M36 X 2.0	0.75	4.98	3.38	1-3/8	1.48	1-3/4
SS-HY-FDS45-16-42	1	M42 X 2.0	1	5.55	3.27	1-3/8	1.34	2



Product Number: SS-HY-FDS90

Name: Metric DIN Heavy, 90°

Material: 316 Stainless Steel

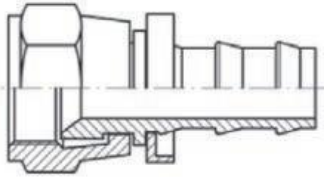
Uses: 1 & 2 Braided Hose

Hoses: 1SN (100R1), 2SN (100R2), R16, R17

PART NUMBER	HOSE I.D. (INCHES)	THREAD	DIMENSIONS (INCHES)					
			A	B	C	D	E	F
SS-HY-FDS90-04-16	1/4	M16 X 1.5	0.25	3.07	1.81	5/8	1.53	7/8
SS-HY-FDS90-04-18	1/4	M18 X 1.5	0.25	2.44	1.19	5/8	1.86	15/16
SS-HY-FDS90-06-20	3/8	M20 X 1.5	0.375	3.38	1.88	11/16	1.96	15/16
SS-HY-FDS90-06-22	3/8	M22 X 1.5	0.375	3.38	1.88	3/4	1.75	1-1/16
SS-HY-FDS90-08-24	1/2	M24 X 1.5	0.5	3.75	2.25	7/8	2.31	1-3/16
SS-HY-FDS90-10-30	5/8	M30 X 2.0	0.625	3.73	2.23	1-1/8	2.47	1-7/16
SS-HY-FDS90-12-36	3/4	M36 X 2.0	0.75	4.83	3.24	1-3/8	3.13	1-3/4
SS-HY-FDS90-16-42	1	M42 X 2.0	1	4.08	2.37	1-3/8	2.31	2

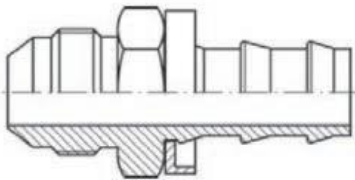
Push On Series





Product Number: SS-PO-FJX
Name: Push On - 37° Flare JIC Female Swivel
Material: 316 Stainless Steel

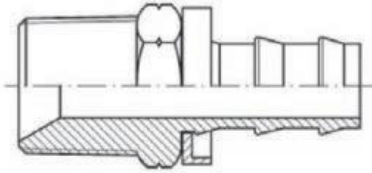
PART NUMBER	HOSE I.D. (INCHES)	THREAD
SS-PO-FJX-04-04	1/4	7/16 -20
SS-PO-FJX-06-06	3/8	9/16 -18
SS-PO-FJX-08-08	1/2	3/4 -16
SS-PO-FJX-10-10	5/8	7/8 -14
SS-PO-FJX-12-12	3/4	1-1/16 -12
SS-PO-FJX-16-16	1	1-5/16 -12



Product Number: SS-PO-MJ
Name: Push On - 37° Flare JIC Male Rigid
Material: 316 Stainless Steel

PART NUMBER	HOSE I.D. (INCHES)	THREAD
SS-PO-MJ-04-04	1/4	7/16 -20
SS-PO-MJ-06-06	3/8	9/16 -18
SS-PO-MJ-08-08	1/2	3/4 -16
SS-PO-MJ-10-10	5/8	7/8 -14
SS-PO-MJ-12-12	3/4	1-1/16 -12
SS-PO-MJ-16-16	1	1-5/16 -12

PUSH ON SERIES



Product Number: SS-PO-MP

Name: Push On -Pipe Male Rigid

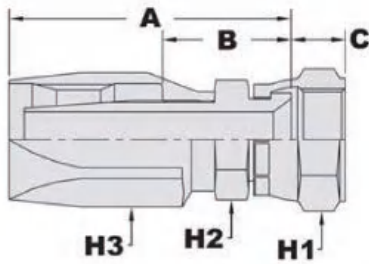
Material: 316 Stainless Steel

PART NUMBER	HOSE I.D. (INCHES)	THREAD
SS-PO-MP-04-04	1/4	1/4
SS-PO-MP-06-06	3/8	3/8
SS-PO-MP-08-08	1/2	1/2
SS-PO-MP-12-12	3/4	3/4
SS-PO-MP-16-16	1	1
SS-PO-MJ-16-16	1	1-5/16 -12

Reusable Hose End Series

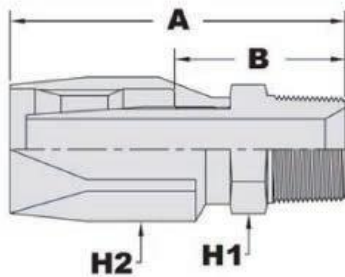


REUSABLE SERIES



Product Number: SS-RR2-FJX
Name: ReUsable JIC Female Swivel (R2 Hose)
Material: 316 Stainless Steel
Uses: 2 Braided Hose
Hoses: SAE100R2 or 2SN (100R2)

PART NUMBER	HOSE I.D.		THREAD T	DN	DIMENSIONS (MM)			H1	H2	H3
	SIZE	INCH			A	B	C			
SS-RR2-FJX-07-04	4	1/4"	7/16" -20	6	69	28	8.7	14.2	14.2	22
SS-RR2-FJX-09-06	6	3/8"	9/16" -18	10	77	31	9.5	17.4	17.4	25.4
SS-RR2-FJX-12-08	8	1/2"	3/4" -16	12	81	34	10.7	22.2	22.2	28.5
SS-RR2-FJX-17-12	12	3/4"	1-1/16" -12	20	103	42	14.3	31.7	31.7	38
SS-RR2-FJX-21-16	16	1"	1-5/16" -12	25	94.5	50	15.1	38.1	38.1	44.5



Product Number: SS-RR2-MP
Name: ReUsable Male Pipe (R2 Hose)
Material: 316 Stainless Steel
Uses: 2 Braided Hose
Hoses: SAE100R2 or 2SN (100R2)

PART NUMBER	HOSE I.D.		DN	THREAD T	DIMENSIONS (MM)		H1	H2
	SIZE	INCH			A	B		
SS-RR2-MP-04-04	4	1/4"	6	1/4" -18	55	14	14.2	22
SS-RR2-MP-04-06	6	3/8"	10	3/8" -18	60	14	17.4	25.4
SS-RR2-MP-08-08	8	1/2"	12	1/2" -14	67	19	22.2	28.5
SS-RR2-MP-12-12	12	3/4"	20	3/4" -14	80	19	28.5	38
SS-RR2-MP-16-16	16	1"	25	1" -11.5	95	24	38.1	44.5



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