

BS10 SERIES

QUICK COUPLERS IN 360 BRASS

SafeWay's BS10 Series is a general purpose, double shut-off quick coupling capable of containing a wide variety of fluids. Brass construction lends itself to use in applications where steel is unsuitable, including use with certain chemicals and gases. Widely used in both stationary and mobile industrial applications.

- Meets dimensional requirements of ISO 7241-1 Series B, the most widely used Industrial Interchange.
- Available in body sizes from 1/8" to 1" with pipe thread.
- Standard material is brass.
- Interchangeable half-for-half with Aeroquip FD45, Hansen HK, and Parker 60 Series as well as others conforming to this interchange.
- Double shut-off poppet style valving with captive poppet seal provides a durable, guaranteed leak-free seal.
- Full-flow design for optimum system performance.
- All BS10 Series quick couplings are 100% leak tested.
- Seals for most fluids available upon request.
- Heavy-duty detent ball latch design for a reliable connection time after time.



- Brass couplers are supplied with brass valve, hardened stainless steel locking detent balls, springs and retaining rings for increased corrosion resistance.
- Heavy-duty steel dust caps and dust plugs are available for the male tip halves and female body halves.
- Field repair kits are available for 3/4" and 1" couplers in all materials and O-ring compounds.
- Method of obtaining and presenting performance data conforms to ANSI (NFPA) T3.20.2.R2, *Hydraulic fluid power - Quick action couplings - Test methods*.

PERFORMANCE DATA

PART NUMBERS			DESCRIPTION		OPERATING PRESSURE		NFPA RATED FLOW	
Complete Coupler	Female Body Half	Male Tip Half	Body Size	Thread Size and Description	Maximum		GPM	(LPM)
					PSI	(BAR)		
BS10-1	BS105-1	BS101-1	1/8"	1/8" Female Pipe	3,000	(207)	0.8	(3)
BS10-2	BS105-2	BS101-2	1/4"	1/4" Female Pipe	4,000	(276)	3	(12)
BS10-3	BS105-3	BS101-3	3/8"	3/8" Female Pipe	3,000	(207)	6	(23)
BS10-4	BS105-4	BS101-4	1/2"	1/2" Female Pipe	3,500	(241)	12	(45)
BS10-6	BS105-6	BS101-6	3/4"	3/4" Female Pipe	2,300	(159)	28	(106)
BS10-8	BS105-8	BS101-8	1"	1" Female Pipe	1,600	(110)	50	(189)

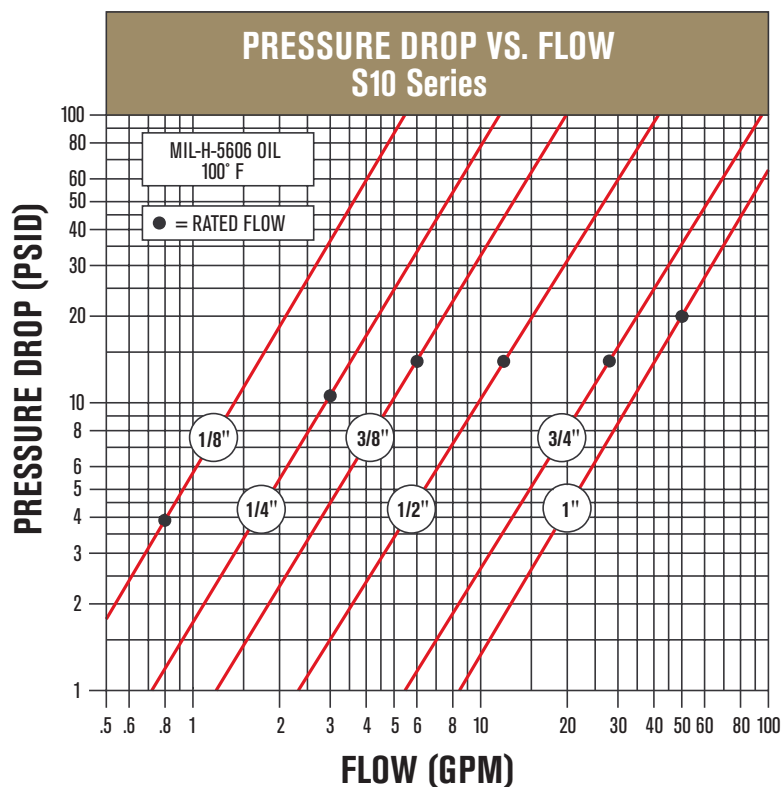
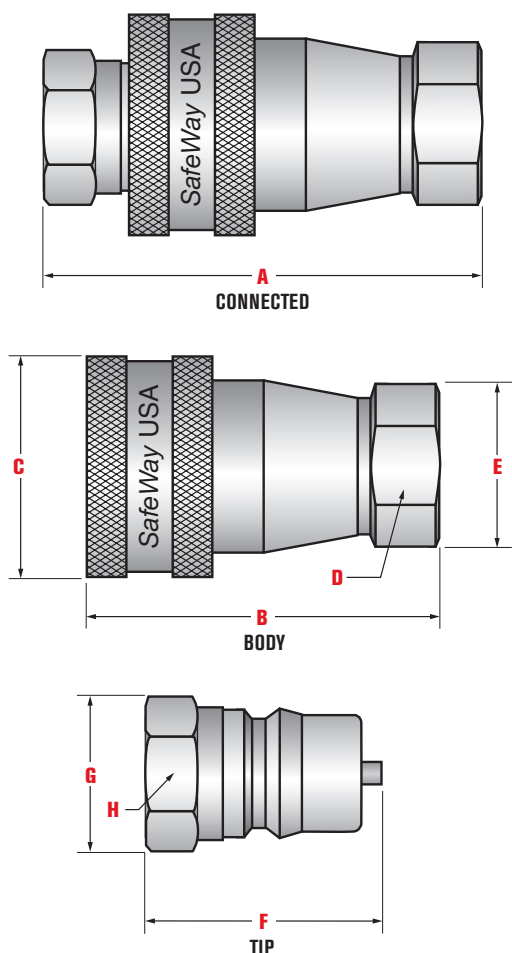
Temperature Range: Standard Seals (Buna-N) -40° to +250° F Viton® Option -15° to +450° F Other Seals Available.
 Vacuum Data: 27.4 inches Hg. both connected and disconnected.

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Pressure rating (Max. Operating Pressure) is based on Non-Pulsating, Low Cycle applications with essentially steady pressure during the operating cycle. Please consult factory regarding other applications.

GENERAL PURPOSE INDUSTRIAL INTERCHANGE QUICK COUPLINGS

S10



DIMENSIONAL DATA

Complete Coupler Number	DIMENSIONS (inches)							
	Overall Length A	Body Length B	Diameter C	Wrench Flat D	Diameter E	Tip Length F	Diameter G	Hex H
S10-1	2.32	1.89	.93	.56	.66	1.25	.65	.56
S10-2	2.78	2.23	1.14	.75	.88	1.52	.86	.75
S10-2-6	2.90	2.29	1.14	.87	.97	1.58	1.01	.88
S10-3	3.03	2.48	1.39	.87	1.00	1.68	1.01	.88
S10-3-8	3.43	2.68	1.39	1.00	1.22	1.88	1.15	1.00
S10-4	3.47	2.80	1.76	1.12	1.29	1.88	1.23	1.06
S10-4-10	3.67	2.90	1.76	1.12	1.29	1.98	1.44	1.25
S10-6	4.00	3.37	2.13	1.31	1.63	2.26	1.52	1.31
S10-6-12	4.20	3.47	2.13	1.37	1.67	2.36	1.59	1.38
S10-8	4.73	3.94	2.51	1.62	1.88	2.69	1.88	1.63
S10-8-16	4.93	4.04	2.51	1.75	1.98	2.79	1.88	1.63

All dimensions listed above pertain to Brass and Stainless Steel couplers as well.

See pages 34-36 for accessories to the S10 Series.