

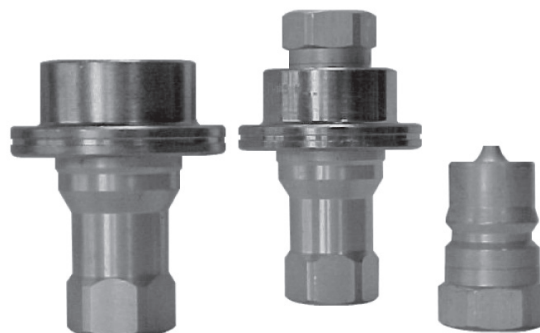
HS-Series ISO-B Steam Interchange

Interchange Data:

- Interchangeable to ISO7241 Series 'B'
- Parker 60-Series Steam Couplings

Materials:

- Machined components are manufactured using solid Steel, Brass, or 303 Stainless Steel bar stock
- Stainless Steel balls, retaining rings, and springs maximise corrosion resistance and extend service life
- Steel componentry is plated using ROHS Compliant Trivalent Chrome
- Large diameter Steel steam-sleeves are hardened to resist deformation and maximise coupler service life
- Steel nipples are hardened to provide heavy duty performance and resist brinelling
- All couplers have a Steel steam-sleeve as standard



Seal Components:

- EPDM steam-grade seals are standard, providing a temperature range of -57°C to +204°C (-70°F to +400°F)
- Brass couplers have a redundant o-ring sealing system (Dual O-Rings/no PTFE Back-up Ring)
- Stainless couplers have an O-Ring/PTFE Anti-Extrusion ring sealing system
- Valve seals are crimped in place to maintain integrity during excessive flow conditions

Rated Pressure Chart:

HS-SERIES ISO-B STEAM INTERCHANGE (CONNECTED)																
BODY SIZE	BRASS COUPLER/PLUG				BRASS COUPLER/STEEL PLUG				BRASS COUPLER/303 STAINLESS STEEL PLUG				303 STAINLESS STEEL COUPLER/PLUG			
	Max. Working		Burst		Max. Working		Burst		Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/4"	200	14	14,500	1,000	200	14	14,500	1,000	200	14	14,500	1,000	200	14	31,500	2,150
3/8"	200	14	12,000	800	200	14	14,500	1,000	200	14	14,500	1,000	200	14	26,500	1,800
1/2"	200	14	11,500	750	200	14	14,500	1,000	200	14	14,500	1,000	200	14	27,500	1,900
3/4"	200	14	9,280	640	200	14	9,280	640	200	14	9,280	640	200	14	16,000	1,100
1"	200	14	5,800	400	200	14	5,800	400	200	14	5,800	400	200	14	15,000	1,000

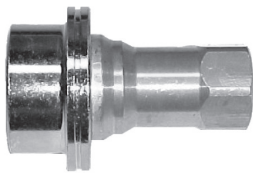
Technical Specifications:

BODY SIZE	INTERCHANGE STANDARDS				FUNCTIONAL PARAMETERS					
	U.S. MILITARY	U.S. GOVERNMENT	INTERNATIONAL STANDARDS	ANSI/NFPA STANDARDS	LOCKING BALL QUANTITY	AIR INCLUSION	FLUID LOSS	VACUUM INCH HG	FLOW ΔP = 10 PSI	
1/4"	-	-	ISO7241 'B'	B93.113M-B	8	1.1cc	0.9cc	27.4	40kgs/hr	
3/8"	-	-	ISO7241 'B'	B93.113M-B	9	2.6cc	1.8cc	27.4	93kg/hr	
1/2"	-	-	ISO7241 'B'	B93.113M-B	9	3.8cc	2.9cc	27.4	137kg/hr	
3/4"	-	-	ISO7241 'B'	B93.113M-B	12	10.8cc	9.7cc	27.4	257kg/hr	
1"	-	-	ISO7241 'B'	B93.113M-B	12	15.9cc	15.3cc	27.4	439kg/hr	

Note: Maximum working pressure has been calculated using saturated steam at 194°C (382°F) for general purpose continuous steam service. For advanced operating pressure or super-heated steam applications, contact Dixon for further information.

Quick Release Couplings

C



(Female Thread)

H-SERIES ISO-B STEAM INTERCHANGE COUPLER

PART NO	BODY SIZE	THREAD SIZE	BODY MATERIAL
2HSF2-B	1/4"	1/4" - 18 NPTF	Brass
2HSF2-S	1/4"	1/4" - 18 NPTF	303 Stainless Steel
2HSBF2-B	1/4"	1/4" - 19 BSPP	Brass
2HSBF2-S	1/4"	1/4" - 19 BSPP	303 Stainless Steel
3HSF3-B	3/8"	3/8" - 18 NPTF	Brass
3HSF3-S	3/8"	3/8" - 18 NPTF	303 Stainless Steel
3HSBF3-B	3/8"	3/8" - 19 BSPP	Brass
3HSBF3-S	3/8"	3/8" - 19 BSPP	303 Stainless Steel
4HSF4-B	1/2"	1/2" - 14 NPTF	Brass
4HSF4-S	1/2"	1/2" - 14 NPTF	303 Stainless Steel
4HSBF4-B	1/2"	1/2" - 14 BSPP	Brass
4HSBF4-S	1/2"	1/2" - 14 BSPP	303 Stainless Steel
6HSF6-B	3/4"	3/4" - 14 NPTF	Brass
6HSF6-S	3/4"	3/4" - 14 NPTF	303 Stainless Steel
6HSBF6-B	3/4"	3/4" - 14 BSPP	Brass
6HSBF6-S	3/4"	3/4" - 14 BSPP	303 Stainless Steel
8HSF8-B	1"	1" - 11 1/2" NPTF	Brass
8HSF8-S	1"	1" - 11 1/2" NPTF	303 Stainless Steel
8HSBF8-B	1"	1" - 11 BSPP	Brass
8HSBF8-S	1"	1" - 11 BSPP	303 Stainless Steel

H-SERIES ISO-B STEAM INTERCHANGE NIPPLE

PART NO	BODY SIZE	THREAD SIZE	BODY MATERIAL
HS2F2	1/4"	1/4" - 18 NPTF	Steel
HS2F2-B	1/4"	1/4" - 18 NPTF	Brass
HS2F2-S	1/4"	1/4" - 18 NPTF	303 Stainless Steel
HS2BF2	1/4"	1/4" - 19 BSPP	Steel
HS2BF2-B	1/4"	1/4" - 19 BSPP	Brass
HS2BF2-S	1/4"	1/4" - 19 BSPP	303 Stainless Steel
HS3F3	3/8"	3/8" - 18 NPTF	Steel
HS3F3-B	3/8"	3/8" - 18 NPTF	Brass
HS3F3-S	3/8"	3/8" - 18 NPTF	303 Stainless Steel
HS3BF3	3/8"	3/8" - 19 BSPP	Steel
HS3BF3-B	3/8"	3/8" - 19 BSPP	Brass
HS3BF3-S	3/8"	3/8" - 19 BSPP	303 Stainless Steel
HS4F4	1/2"	1/2" - 14 NPTF	Steel
HS4F4-B	1/2"	1/2" - 14 NPTF	Brass
HS4F4-S	1/2"	1/2" - 14 NPTF	303 Stainless Steel
HS4BF4	1/2"	1/2" - 14 BSPP	Steel
HS4BF4-B	1/2"	1/2" - 14 BSPP	Brass
HS4BF4-S	1/2"	1/2" - 14 BSPP	303 Stainless Steel
HS6F6	3/4"	3/4" - 14 NPTF	Steel
HS6F6-B	3/4"	3/4" - 14 NPTF	Brass
HS6F6-S	3/4"	3/4" - 14 NPTF	303 Stainless Steel
HS6BF6	3/4"	3/4" - 14 BSPP	Steel
HS6BF6-B	3/4"	3/4" - 14 BSPP	Brass
HS6BF6-S	3/4"	3/4" - 14 BSPP	303 Stainless Steel
HS8F8	1"	1" - 11 1/2" NPTF	Steel
HS8F8-B	1"	1" - 11 1/2" NPTF	Brass
HS8F8-S	1"	1" - 11 1/2" NPTF	303 Stainless Steel
HS8BF8	1"	1" - 11 BSPP	Steel
HS8BF8-B	1"	1" - 11 BSPP	Brass
HS8BF8-S	1"	1" - 11 BSPP	303 Stainless Steel



(Female Thread)