

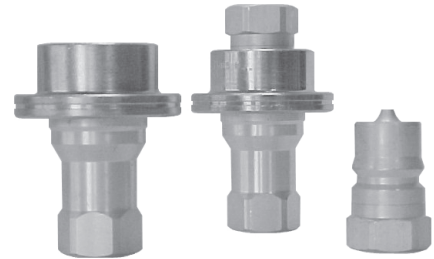
# HS-Series ISO-B Steam Interchange

- H-Series couplers and nipples are fully compliant with the parameters outlined in ISO7241 Series 'B'.
- Flanged sleeves are designed for ease of sleeve operation while wearing gloves during connection and disconnection.
- EPDM steam seals for body and valve seals formulated to withstand continuous steam service.
- Brass couplers have a redundant o-ring to maximize service life and provide additional sealing integrity.

Performance Specifications	Operating Bar (PSI)	Operating C (F)	Flow $\Delta P=0.4\text{Bar}$ (6.9 Bar Inlet)	Locking Mechanism
1/4"	7 (100)	177° (350°)	49kg/hr (108lb/hr)	8 Balls
3/8"	7 (100)	177° (350°)	112kg/hr (246lb/hr)	9 Balls
1/2"	7 (100)	177° (350°)	166kg/hr (366lb/hr)	9 Balls
3/4"	7 (100)	177° (350°)	313kg/hr (689lb/hr)	12 Balls
1"	7 (100)	177° (350°)	540kg/hr (1190lb/hr)	12 Balls

Please Note: Operating pressure has been calculated using saturated steam at 170°C (338°F) for general purpose applications. Operating temperature is related to continuous steam service, with an intermittent maximum temperature of 204°C (400°F). For advanced operating pressure or super-heated steam specifications, contact the factory for further information.

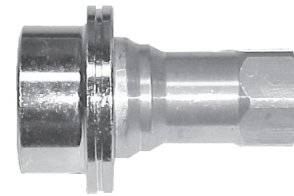
\* stainless couplers have a 303 stainless steel body with a steel steam sleeve



Interchange Standards	US Military	Industry Standards	International Standards	ANSI/NFPA
'HS' Series Interchange	Parker	Hansen	---	---
All Sizes	60-Series	HK-Series	---	---

## HS-Series ISO-B Steam Interchange (Coupler)

Part Number	Body Size	Thread Size	Body Material	Weight (lb)	List Price	Bag Qty	Pack Qty
2HSF2-B	1/4"	1/4"-18 NPTF	brass	0.30	\$33.72	5	50
2HSF2-S	1/4"	1/4"-18 NPTF	303 SS	0.30	67.00	5	50
3HSF3-B	3/8"	3/8"-18 NPTF	brass	0.50	36.33	---	50
3HSF3-S	3/8"	3/8"-18 NPTF	303 SS	0.50	82.72	---	50
4HSF4-B	1/2"	1/2"-14 NPTF	brass	0.75	50.69	---	25
4HSF4-S	1/2"	1/2"-14 NPTF	303 SS	0.75	125.05	---	25
6HSF6-B	3/4"	3/4"-14 NPTF	brass	1.31	79.36	---	10
6HSF6-S	3/4"	3/4"-14 NPTF	303 SS	1.31	198.11	---	10
8HSF8-B	1"	1"-11 1/2 NPTF	brass	1.95	128.84	---	10
8HSF8-S	1"	1"-11 1/2 NPTF	303 SS	1.95	338.83	---	10



(Female Thread)

## HS-Series ISO-B Steam Interchange (Nipple)

Part Number	Body Size	Thread Size	Body Material	Weight (lb)	List Price	Bag Qty	Pack Qty
HS2F2	1/4"	1/4"-18 NPTF	steel	0.08	\$10.42	5	50
HS2F2-B	1/4"	1/4"-18 NPTF	brass	0.08	9.14	5	50
HS2F2-S	1/4"	1/4"-18 NPTF	303 SS	0.08	22.55	5	50
HS3F3	3/8"	3/8"-18 NPTF	steel	0.13	13.98	---	50
HS3F3-B	3/8"	3/8"-18 NPTF	brass	0.13	14.74	---	50
HS3F3-S	3/8"	3/8"-18 NPTF	303 SS	0.13	36.25	---	50
HS4F4	1/2"	1/2"-14 NPTF	steel	0.24	19.45	---	25
HS4F4-B	1/2"	1/2"-14 NPTF	brass	0.24	18.52	---	25
HS4F4-S	1/2"	1/2"-14 NPTF	303 SS	0.24	57.23	---	25
HS6F6	3/4"	3/4"-14 NPTF	steel	0.46	30.54	---	10
HS6F6-B	3/4"	3/4"-14 NPTF	brass	0.46	24.75	---	10
HS6F6-S	3/4"	3/4"-14 NPTF	303 SS	0.46	90.33	---	10
HS8F8	1"	1"-11 1/2 NPTF	steel	0.76	40.28	---	10
HS8F8-B	1"	1"-11 1/2 NPTF	brass	0.76	32.72	---	10
HS8F8-S	1"	1"-11 1/2 NPTF	303 SS	0.76	143.07	---	10



(Female Thread)

### Do Not Disconnect Steam Couplings While Under Pressure!

Maximum operating temperature for steam service couplings is 204°C (400°F). Be sure to use safety chains, or equivalent means, to prevent the line from thrashing around in case the coupling becomes disconnected.



Attention Required!