

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 body and valve seals are formulated to withstand continuous steam service
- Brass couplers have a redundant o-ring to maximise service life and provide additional sealing integrity



| PERFORMANCE SPECIFICATIONS | OPERATING bar (psi) | OPERATING C (F) | FLOW ΔP=0.4 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 specifications): 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.

| INTERCHANGE STANDARDS | US MILITARY | INDUSTRY STANDARDS | INTERNATIONAL STANDARDS | ANSI/NFPA |
|------------------------|-------------|--------------------|-------------------------|------------|
| All Sizes | - | - | ISO7241-B | B93.113M-B |
| HS' SERIES INTERCHANGE | PARKER | HANSEN | - | - |
| All Sizes | 60-Series | HK-Series | - | - |



(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 SS |
| 3HSF3-B | 3/8" | 3/8"-18 NPTF | Brass |
| 3HSF3-S | 3/8" | 3/8"-18 NPTF | 303 SS |
| 4HSF4-B | 1/2" | 1/2"-14 NPTF | Brass |
| 4HSF4-S | 1/2" | 1/2"-14 NPTF | 303 SS |
| 6HSF6-B | 3/4" | 3/4"-14 NPTF | Brass |
| 6HSF6-S | 3/4" | 3/4"-14 NPTF | 303 SS |
| 8HSF8-B | 1" | 1-11"-1/2 NPTF | Brass |
| 8HSF8-S | 1" | 1-11"-1/2 NPTF | 303 SS |



(Female Thread)

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 SS |
| 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 SS |
| 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 SS |
| 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 SS |
| 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 SS |