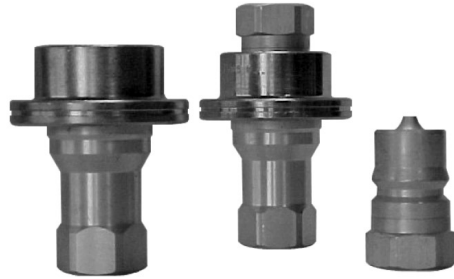


## HS-Series ISO-B Steam Interchange

- 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          | -                       | -          |

### H-SERIES ISO-B STEAM INTERCHANGE (COUPLER)



(Female Thread)

| 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        |

### H-SERIES ISO-B STEAM INTERCHANGE (NIPPLE)



(Female Thread)

| 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        |