

95 SERIES FLAT FACE COUPLING (CARBON STEEL)

ISO-16028 & HTMA STANDARD



APPLICATIONS:

This Series couplings are widely using in the public utility market where hydraulic oil spillage can constitute a serious safety hazard, particularly in overheated bucket hoists that are used for maintenance of high-power transmission lines. These couplings are also used for quick change of hydraulic tools in construction, railway maintenance and mining industries. The ease of cleaning makes them ideal for use in these types of hostile environments.

INTERCHANGE

FASTER 2FFI SERIES, HANSEN QA29000 SERIES
PARKER FF SERIES, AEROQUIP FD 89 SERIES DNO
PLT4 SERIES, STUCCHI FIRG SERIES, SAFEWAT Ff49
SERIES

TEMPERATURE RANGE

-20°C + 120°C / -4°F + 250°F

With standard seals: Buna-N (Nitrile)

-20°C + 175°C / -4°F + 347°F

With standard seals: Viton

On request seals: Viton, Neoprene, EPDM or other seals.

COUPLER RATED MAX. WORKING PRESSURE

| | |
|------|-------------------|
| 1/4" | :315BAR (4567PSI) |
| 3/8" | :250BAR (3625PSI) |
| 1/2" | :250BAR (3625PSI) |
| 5/8" | :250BAR (3625PSI) |
| 3/4" | :250BAR (3625PSI) |
| 1" | :200BAR (2900PSI) |

CONNECTED RATED MAX. WORKING PRESSURE

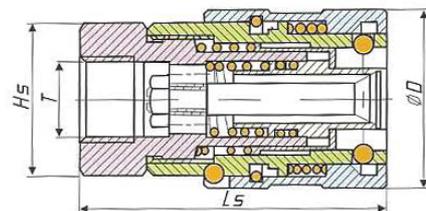
| | |
|------|-------------------|
| 1/4" | :315BAR (4567PSI) |
| 3/8" | :250BAR (3625PSI) |
| 1/2" | :250BAR (3625PSI) |
| 5/8" | :250BAR (3625PSI) |
| 3/4" | :250BAR (3625PSI) |
| 1" | :200BAR (2900PSI) |

MATERIAL

| | |
|-------------------|---|
| Coupler Body | :STEEL, TRIVALENT PLATED |
| Springs | :55CrSi |
| Balls | :GCr15 |
| Seals | :Buna-N (Nitrile) |
| Back-Up Ring | :PTFE |
| Surface treatment | :Zinc plating and Cr3 Passivation or Yellow Passivation |

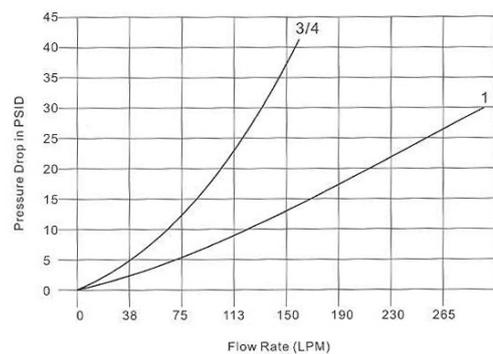
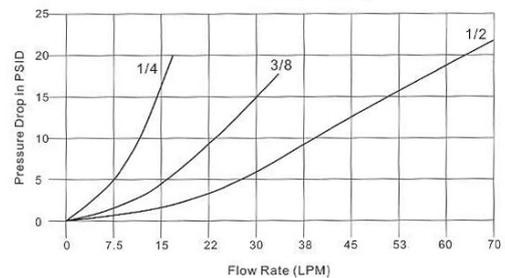
ATTENTION

Only plug and socket with the same body fit together



PERFORMANCE

95 series (1/4" - 1")
Test Fluid: Hydraulic Oil -200 SUS



| Part No. | DN | Size | Ls | D | Hs | T |
|-------------|------|------|------|------|-----|------------|
| HKSFF04CS | 7.0 | 04SF | 48 | 28 | S22 | 1/4"BSPP |
| HKSFF06CS | 9.0 | 06SF | 64.5 | 32 | S27 | 3/8"BSPP |
| HKSFF0608CS | 9.0 | 06SF | 69.5 | 32 | S27 | 1/2"BSPP |
| HKSFF08CS | 13.0 | 08SF | 73.5 | 38 | S32 | 1/2"BSPP |
| HKSFF12CS | 13.0 | 08SF | 80.5 | 38 | S36 | 3/4"BSPP |
| HKSFF1212CS | 17.0 | 12SF | 93 | 48 | S41 | 3/4"BSPP |
| HKSFF16CS | 17.0 | 12SF | 93 | 48 | S41 | 1"BSPP |
| HKSFF1616CS | 21.0 | 16SF | 93.5 | 56.5 | S46 | 1"BSPP |
| HKSFF2016CS | 21.0 | 16SF | 93.5 | 56.5 | S50 | 1 1/4"BSPP |

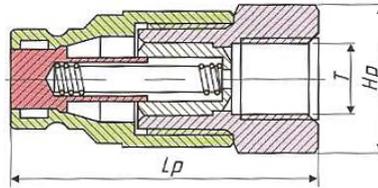
95 SERIES FLAT FACE PLUG (CARBON STEEL)

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With standard seals: Buna-N(Nitile)

-20°C + 175°C/ -4°F + 347°F

With standard seals: Viton

On request seals: Viton, Neoprene, EPDM or other seals.

PLUG RATED MAX. WORKING PRESSURE

| | |
|------|-------------------|
| 1/4" | :350BAR (5075PSI) |
| 3/8" | :350BAR (5075PSI) |
| 1/2" | :300BAR (4350PSI) |
| 3/4" | :300BAR (4350PSI) |
| 1" | :210BAR (3045PSI) |

MATERIAL

| | |
|-------------------|--|
| Coupler Body | :STEEL, TRIVALENT PLATED |
| Springs | :55CrSi |
| Balls | :GCr15 |
| Seals | :Buna-N (Nirile) |
| Back-Up Ring | :PTFE |
| Surface treatment | :Zinc plating and Cr3 Passivation or Yellow Passivation |

| Part No. | DN | Size | Lp | Hp | T |
|-------------|------|------|------|-----|------------|
| HKPFF04CS | 7.0 | 04PF | 48 | S22 | 1/4"BSPP |
| HKPFF06CS | 9.0 | 06PF | 60 | S27 | 3/8"BSPP |
| HKPFF0608CS | 9.0 | 06PF | 62 | S27 | 1/2"BSPP |
| HKPFF08CS | 13.0 | 08PF | 68 | S32 | 1/2"BSPP |
| HKPFF12CS | 13.0 | 08PF | 70.5 | S36 | 3/4"BSPP |
| HKPFF1212CS | 17.0 | 12PF | 82.5 | S41 | 3/4"BSPP |
| HKPFF16CS | 17.0 | 12PF | 82.5 | S41 | 1"BSPP |
| HKPFF1616CS | 21.0 | 16PF | 82.5 | S46 | 1"BSPP |
| HKPFF2016CS | 21.0 | 16PF | 82.5 | S50 | 1 1/4"BSPP |