

ISO 16028 Interchange, Flat Face Couplings

Applications: Trailer Brake Couplings are used to connect the hydraulic braking system of tractors to their trailers. The male coupling is normally panel mounted on the tractor and is available with metric and BSP threads.

Designed to meet or exceed the requirements of ISO 16028. Flush face and dry break design facilitates easy cleaning prior to connection. Manufactured from high strength steel construction.

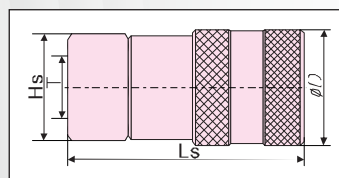
Other seals available on request

 **Working Temperature:**
-25°C to +120°C Nitrile

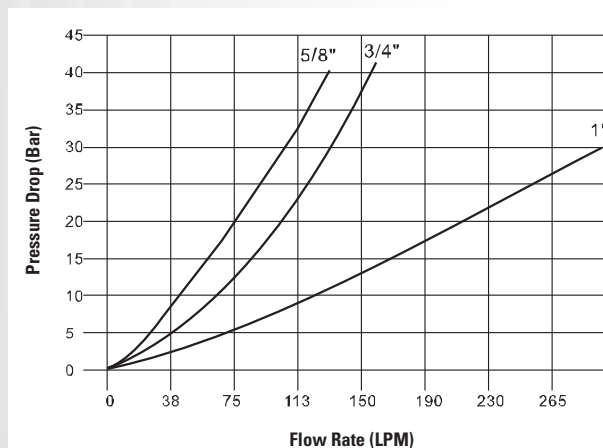
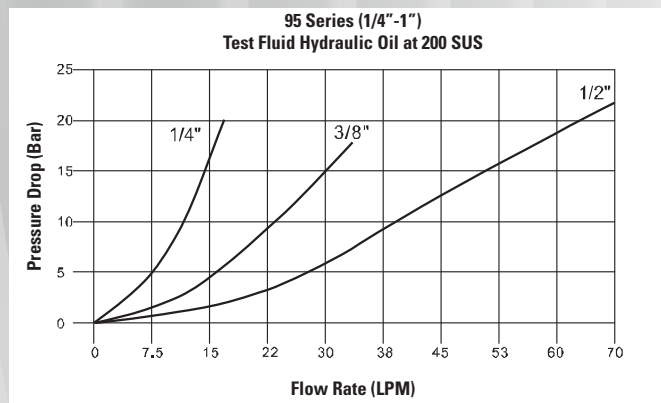
 **Maximum Working Pressure:**
220 bar

Steel Flat Face Couplings with Nitrile Seals, BSPP

Part No.	Size	Body Size	Lp	Hp	Thread
HKSFF04CS	04	1/4"	50	S22	1/4" BSPP
HKSFF06CS	06	3/8"	60	S27	3/8" BSPP
HKSFF0608CS	06	3/8"	36	S27	1/2" BSPP
HKSFF08CS	08	1/2"	68	S32	1/2" BSPP
HKSFF12CS	08	1/2"	69.5	S36	3/4" BSPP
HKSFF1212CS	12	3/4"	82.5	S41	3/4" BSPP
HKSFF16CS	12	1"	82.5	S41	1" BSPP
HKSFF1616CS	16	1"	89	S46	1" BSPP
HKSFF2016CS	16	1.1/4"	92	S55	1.1/4" BSPP



Performance:



Interchange:

Faster FV Series, Holumbury TB Series

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

Attention:

Only plug and socket with the same thread fit together.



Temperature Range:

-20°C to +120°C / -4°F to +250°F

With standard seals: Buna-N (Nirile)

-20°C to +175°C / -4°F to +347°F

With standard seals: Viton

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



Connected Rated

Maximum 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)

1.1/4": 200BAR (2900PSI)

ISO 16028 Interchange, Flat Face Couplings

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

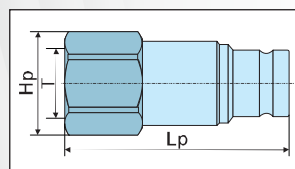
Other seals available on request

 **Working Temperature:**
-25°C to +120°C Nitrile

 **Maximum Working Pressure:**
220 bar

Steel Flat Face Plug with Nitrile Seals, BSPP

Part No.	Size	Body Size	Lp	Hp	Thread
HKPFF04CS	04	1/4"	48	S22	1/4"BSPP
HKPFF06CS	06	3/8"	60	S27	3/8"BSPP
HKPFF0608CS	06	1/2"	62	S27	1/2"BSPP
HKPFF08CS	08	1/2"	68	S32	1/2"BSPP
HKPFF12CS	08	3/4"	70.5	S36	3/4"BSPP
HKPFF1212CS	12	3/4"	82.5	S41	3/4"BSPP
HKPFF16CS	12	1"	82.5	S41	1"BSPP
HKPFF1616CS	16	1"	82.5	S46	1"BSPP
HKPFF2016CS	16	1"	82.5	S50	1.1/4"BSPP



Interchange:

Faster 2FFI Series, Hansen QA29000 Series Parker FF Series, Aeroquip FD 89 Series, DNO PLT4 Series, Stucchi FIRG Series, Safewat Ff49 Series

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

 **Temperature Range:**
-20°C to +120°C / -4°F to +250°F
With standard seals: Buna-N (Nitrile)
-20°C to +175°C / -4°F to +347°F
With standard seals: Viton
On request seals: Viton, Neoprene, EPDM or other seals.

 **Plug Rated Maximum Working Pressure:**
1/4": 315bar (4567PSI)
3/8": 250bar (3265PSI)
1/2": 250bar (3625PSI)
3/4": 250bar (3625PSI)
1": 210bar (2900PSI)
1.1/4": 200bar (2900PSI)

Dust Protection Cap, Plug

Part No.	Size	ISO	To Suit Coupler	To Suit Coupler	Material
FFDP-04	04	6.3	ISO16028-6-C-P	ISO16028-6-P-P	PVC
FFDP-06	06	10	ISO16028-10-C-P	ISO16028-10-P-P	PVC
FFDP-08	08	12.5	ISO16028-12-C-P	ISO16028-12-P-P	PVC
FFDP-12	12	19	ISO16028-19-C-P	ISO16028-19-P-P	PVC
FFDP-16	16	25	ISO16028-25-C-P	ISO16028-25-P-P	PVC



Dust Protection Cap, Coupling

Part No.	Size	ISO	To Suit Coupler	To Suit Coupler	Material
FFDC-04	04	6.3	ISO16028-6-C-P	ISO16028-6-P-P	PVC
FFDC-06	06	10	ISO16028-10-C-P	ISO16028-10-P-P	PVC
FFDC-08	08	12.5	ISO16028-12-C-P	ISO16028-12-P-P	PVC
FFDC-12	12	19	ISO16028-19-C-P	ISO16028-19-P-P	PVC
FFDC-16	16	25	ISO16028-25-C-P	ISO16028-25-P-P	PVC

