

## 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.

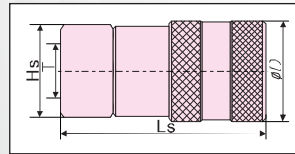
 **Working Temperature:**  
-25°C to +120°C Nitrile

 **Maximum Working Pressure:**  
220 bar

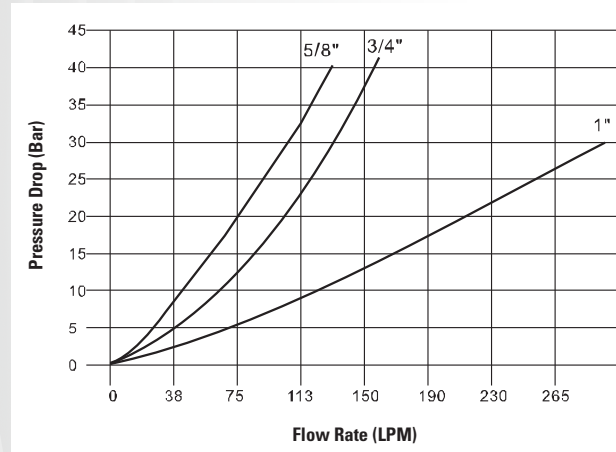
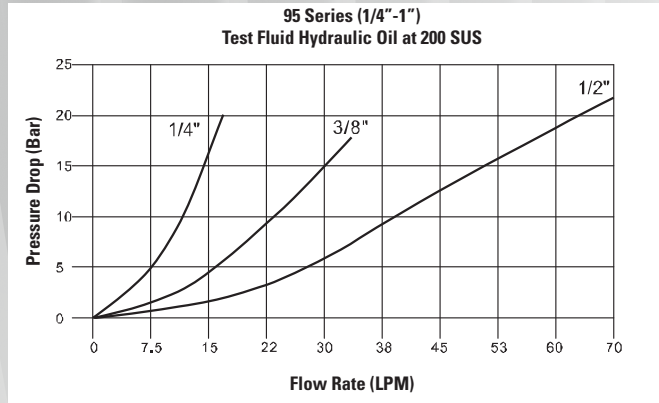
Other seals available on request

### 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	1/2"	36	S27	1/2" BSPP
HKSFF08CS	08	1/2"	68	S32	1/2" BSPP
HKSFF12CS	08	3/4"	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 + 120°C/-4°F + 250°F

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.



## 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)

## 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

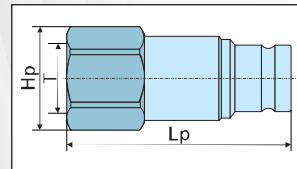
Other seals available on request

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

**Maximum Working Pressure:**  
220 bar

### Steel Flat Face Plug with Nitrile Seals, BSPP

Part No.	DN	Size	Lp	Hp	Thread
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



#### 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 + 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.

**Plug Rated Maximum Working Pressure:**  
1/4": 315bar (4567PSI)  
3/8": 250bar (3265PSI)  
1/2": 250bar (3625PSI)  
3/4": 250bar (3625PSI)  
1": 210bar (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	080	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	080	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

