

ISO 16028 Flat Face Couplings, High Pressure Series

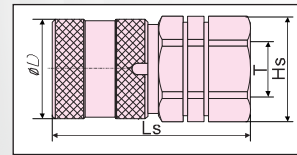
Applications: HP Series offers higher pressure ratings, superior flow ratings and lower pressure drops compared to our standard series. The change in the design increases the male bearing points and decreases the brinelling effect. The couplings are ideal for applications involving high pressure impulses on agriculture, mobile construction and plant equipment.

Other seals available on request

 **Working Temperature:**
-20°C to +100°C Nitrile

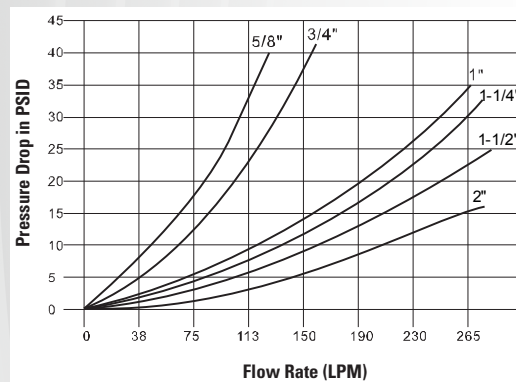
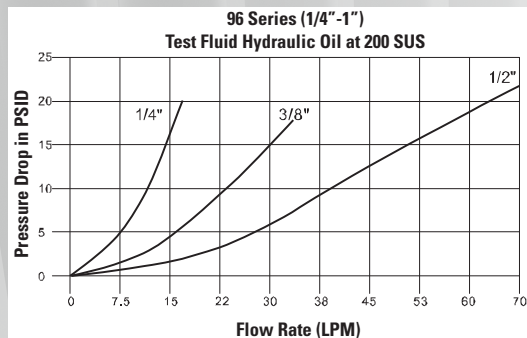
Steel Flat Face Couplings with Nitrile Seals, BSPP

Part Code	Size	Body Size	Ls	øD	Hs	Thread	Max Pressure Bar
HPSFF04CS	4	1/4"	57.2	28	S27	1/4" BSPP	420
HPSFF06CS	6	3/8"	69	32	S30	3/8" BSPP	350
HPSFF0608CS	6	3/8"	70	32	S30	1/2" BSPP	350
HPSFF08CS	8	1/2"	77.5	38	S36	1/2" BSPP	330
HPSFF12CS	8	1/2"	84	38	S36	3/4" BSPP	330
HPSFF1212CS	12	3/4"	93	48	S46	3/4" BSPP	330
HPSFF16CS	12	3/4"	98.8	48	S46	1" BSPP	330
HPSFF1616CS	16	1"	104.5	55	S55	1" BSPP	300
HPSFF2016CS	16	1"	105.5	55	S55	1.1/4" BSPP	300



Applications: Flat face couplers are specifically designed for applications needing no-leak performance. 96 series offers higher pressure ratings, superior flow ratings, lower pressure drop compared to 95 series. 12 to 20 balls to increase the male bearing points and decrease the brinelling effect. The mating faces are easily cleaned before connecting, making it the ideal solution for limiting contamination in a hydraulic circuit. The design allows applications involving high pressure impulses in agriculture equipment, mobile construction equipment and general industrial plants. Non-spill design avoids fluid loss in connection and disconnection.

Performance:



Interchange:

Stucchi Flat Face "A" Premier Series, Faster FFH Series, DNP PLT4 Series, Parker FEM Series, CEJN X65 Series, Voswinkel FH Series, Dixon HT Series, Gromelle 629-A Series

Material:

Coupler Body: Steel, Trivalent Plated

Springs: C98

Seals: Buna-N (Nirile)

Back-Up Ring: PTFE

Surface treatment: Zinc nickel plating 1200 hours with no red rust in salt spray tests

Attention:

Only coupler and nipple with the same thread fit together.

Threads: BSP, NPT, SAE, ORFS, JIC

Temperature Range:

-20°C to +100°C / -4°F + 212°F

With standard seals: Buna-N(Nitile)

-20°C to +200°C / -4°F + 392°F

With standard seals: Viton

On request seals: Viton, Neoprene,

EPDM or other seals.

Connected Maximum Working Pressure:

1/4": 420BAR (6090PSI)

3/8": 350BAR (5075PSI)

1/2": 330BAR (4785PSI)

5/8": 330BAR (4785PSI)

3/4": 330BAR (4785PSI)

1": 300BAR (4350PSI)

Coupled Maximum Working Pressure:

1/4": 420BAR (6090PSI)

3/8": 350BAR (5075PSI)

1/2": 330BAR (4785PSI)

5/8": 330BAR (4785PSI)

3/4": 330BAR (4785PSI)

1": 300BAR (4350PSI)

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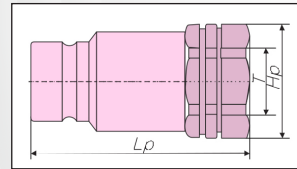
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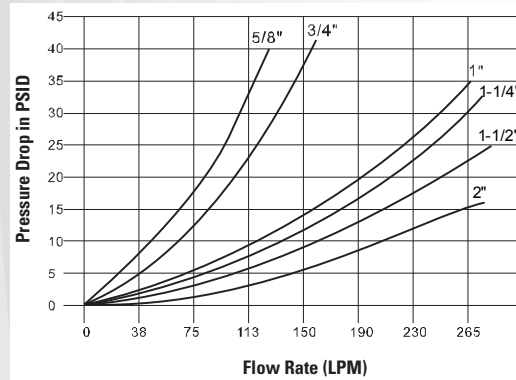
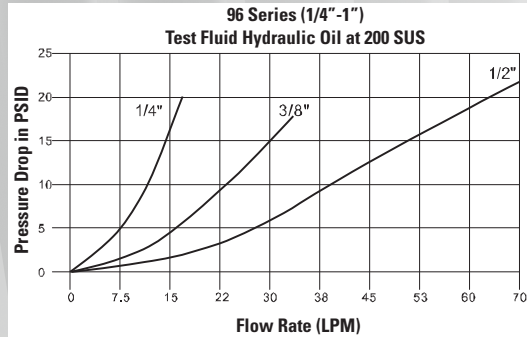
Steel Flat Face Plug with Nitrile Seals, BSPP

Part Code	ISO	Body Size	Lp	Hp	Thread	Max Pressure Bar
HPPFF04CS	6.3	1/4"	50	22	1/4" BSPP	420
HPPFF06CS	10	3/8"	59.5	27	3/8" BSPP	350
HPPFF00608CS	10	3/8"	62.5	27	1/2" BSPP	350
HPPFF08CS	12.5	1/2"	68	36	1/2" BSPP	330
HPPFF12CS	12.5	1/2"	70.5	36	3/4" BSPP	330
HPPFF01212CS	19	3/4"	83	46	3/4" BSPP	330
HPPFF16CS	19	3/4"	83	46	1" BSPP	330
HPPFF1616CS	25	1"	89	55	1" BSPP	300
HPPFF2016CS	25	1"	92	55	1.1/4" BSPP	300



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Performance:



Interchange:

Stucchi Flat Face "A" Premier Series, Faster FFH Series, DNP PLT4 Series, Parker FEM Series, CEJN X65 Series, Voswinkel FH Series, Dixon HT Series, Gromelle 629-A Series

Material:

Coupler Body: Steel, Trivalent Plated

Springs: C98

Balls: GCr15

Seals: Buna-N (Nirile)

Back-Up Ring: PTFE

Surface treatment: Zinc nickel plating 1200 hours with no red rust in salt spray tests

Attention:

Only coupler and nipple with the same thread fit together.

Threads: BSP, NPT, SAE, ORFS, JIC



Temperature Range:

-20°C to +100°C / -4°F + 212°F

With standard seals: Buna-N(Nitile)

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5/8": 330BAR (4785PSI)

3/4": 330BAR (4785PSI)

1": 200BAR (4350PSI)