

H Series: ISO 7241 Series B Interchange

- H-Series couplers and nipples are fully compliant with the parameters outlined in ISO7241 Series 'B'
- A wide variety of body and seal materials are available to maximise compatibility in a variety of applications
- Large diameter heavy duty knurled sleeves are designed to resist brinelling and maximise performance under impulse conditions
- Wide selection of thread configurations to ensure compatibility in a variety of installations



PERFORMANCE SPECIFICATIONS	OPERATING bar (psi)	BURST bar (psi)	FLOW RATE ΔP=2 bar	LOCKING MECHANISM
1/8" Steel	379 (5,500)	1,448 (21,000)	12 LPM (3.2 GPM)	8 Balls
1/4" Steel	345 (5,000)	1,344 (19,500)	26 LPM (7 GPM)	8 Balls
3/8" Steel	345 (5,000)	1,241 (18,000)	45 LPM (12 GPM)	9 Balls
1/2" Steel	354 (5,000)	1,103 (16,000)	76 LPM (20 GPM)	9 Balls
3/4" Steel	310 (4,500)	1,103 (16,000)	151 LPM (40 GPM)	12 Balls
1" Steel	310 (4,500)	1,103 (16,000)	246 LPM (65 GPM)	12 Balls
1 1/4" Steel	103 (1,500)	413 (6,000)	404 LPM (107 GPM)	12 Balls
1 1/2" Steel	124 (1,800)	489 (7,100)	473 LPM (125 GPM)	12 Balls

Please Note: For 316SS and 303SS operating pressure, multiply the operating pressures above by 0.60.

PERFORMANCE SPECIFICATIONS	OPERATING bar (psi)	BURST bar (psi)	FLOW RATE ΔP=2 bar	LOCKING MECHANISM
1/8" Brass	207 (3,000)	827 (12,000)	12 LPM (3.2 GPM)	8 Balls
1/4" Brass	259 (3,750)	1,034 (15,000)	26 LPM (7 GPM)	12 Balls
3/8" Brass	241 (3,500)	965 (14,000)	45 LPM (12 GPM)	12 Balls
1/2" Brass	207 (3,000)	827 (12,000)	76 LPM (20 GPM)	12 Balls
3/4" Brass	155 (2,250)	621 (9,000)	151 LPM (40 GPM)	12 Balls
1" Brass	103 (1,500)	414 (6,000)	246 LPM (65 GPM)	12 Balls
1 1/4" Brass	69 (1,000)	220 (3,200)	404 LPM (107 GPM)	18 Balls
1 1/2" Brass	69 (1,000)	248 (3,600)	473 LPM (125 GPM)	20 Balls

PERFORMANCE SPECIFICATIONS	OPERATING bar (psi)	BURST bar (psi)	FLOW RATE ΔP=2 bar	LOCKING MECHANISM
1/8" 303 SS	207 (3,000)	1,241 (18,000)	12 LPM (3.2 GPM)	8 Balls
1/4" 303 SS	259 (3,750)	2,000 (29,000)	26 LPM (7 GPM)	8 Balls
3/8" 303 SS	241 (3,500)	1,241 (18,000)	45 LPM (12 GPM)	9 Balls
1/2" 303 SS	207 (3,000)	1,241 (18,000)	76 LPM (20 GPM)	9 Balls
3/4" 303 SS	155 (2,250)	1,379 (20,000)	151 LPM (40 GPM)	12 Balls
1" 303 SS	103 (1,500)	1,103 (16,000)	246 LPM (65 GPM)	12 Balls
1 1/4" 303 SS	69 (1,000)	352 (5,100)	404 LPM (107 GPM)	12 Balls
1 1/2" 303 SS	69 (1,000)	379 (5,500)	473 LPM (125 GPM)	12 Balls
1/8" 316 SS	207 (3,000)	1,241 (18,000)	12 LPM (3.2 GPM)	8 Balls

PERFORMANCE SPECIFICATIONS	OPERATING bar (psi)	BURST bar (psi)	FLOW RATE ΔP=2 bar	LOCKING MECHANISM
1/4" 316 SS	259 (3,750)	2,000 (29,000)	26 LPM (7 GPM)	8 Balls
3/8" 316 SS	241 (3,500)	1,586 (23,000)	45 LPM (12 GPM)	9 Balls
1/2" 316 SS	207 (3,000)	1,275 (18,500)	76 LPM (20 GPM)	9 Balls
3/4" 316 SS	155 (2,250)	1,172 (17,000)	151 LPM (40 GPM)	12 Balls
1" 316 SS	103 (1,500)	1,034 (15,000)	246 LPM (65 GPM)	12 Balls
1 1/4" 316 SS	69 (1,000)	359 (5,200)	404 LPM (107 GPM)	12 Balls
1 1/2" 316 SS	69 (1,000)	366 (5,300)	473 LPM (125 GPM)	12 Balls

INTERCHANGE STANDARDS	US MILITARY	INDUSTRY STANDARDS	INTERNATIONAL STANDARDS	ANSI/NFPA
1/8"	-	-	*	*
1/4"	-	-	ISO7241-B	B93.113M-B
3/8"	-	-	ISO7241-B	B93.113M-B
1/2"	-	-	ISO7241-B	B93.113M-B
3/4"	-	-	ISO7241-B	B93.113M-B
1"	-	-	ISO7241-B	B93.113M-B
1 1/4"	-	-	*	*
1 1/2"	-	-	*	*

* These particular sizes are not outlined within the documented standard category.

"H" SERIES INTERCHANGE	PARKER	SNAP TITLE	FASTER	HANSEN
1/8"	60-Series	72-Series	Series 'HNV'	HK-Series
1/4"	60-Series	72-Series	Series 'HNV'	HK-Series
3/8"	60-Series	72-Series	Series 'HNV'	HK-Series
1/2"	60-Series	72-Series	Series 'HNV'	HK-Series
3/4"	60-Series	72-Series	Series 'HNV'	HK-Series
1"	60-Series	72-Series	Series 'HNV'	HK-Series
1 1/4"	-	-	-	HK-Series
1 1/2"	60-Series	-	Series 'HNV'	HK-Series



H-SERIES ISO-B INTERCHANGE (COUPLER)

PART NO.	BODY SIZE	CAP LANYARD	BODY MATERIAL
H1M2	1/8"	1/4" - 18 NPTF	Steel
H10M3	1/8"	9/16" - 18 ORB	Steel
H2M3	1/4"	3/8" - 18 NPTF	Steel



H-SERIES ISO-B INTERCHANGE (COUPLER DUST PLUG)

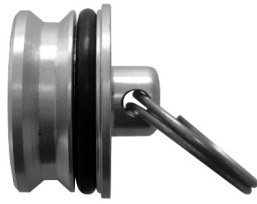
PART NO.	BODY SIZE	CAP LANYARD	BODY MATERIAL
1HDP	1/8"	Elastomer	Elastomer
2HDP	1/4"	Elastomer	Elastomer
3HDP	3/8"	Elastomer	Elastomer
4HDP	1/2"	Elastomer	Elastomer
6HDP	3/4"	Elastomer	Elastomer
8HDP	1"	Elastomer	Elastomer



H-SERIES ISO-B INTERCHANGE (NIPPLE DUST CAP)

PART NO.	BODY SIZE	CAP LANYARD	BODY MATERIAL
H1DC	1/8"	Elastomer	Elastomer
H2DC	1/4"	Elastomer	Elastomer
H3DC	3/8"	Elastomer	Elastomer
H4DC	1/2"	Elastomer	Elastomer
H6DC	3/4"	Elastomer	Elastomer
H8DC	1"	Elastomer	Elastomer

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H-SERIES ISO-B INTERCHANGE (COUPLER RIGID DUST PLUG)

PART NO.	BODY SIZE	CAP LANYARD	BODY MATERIAL
2HDP-A	1/4"	Steel Ring	Aluminum
3HDP-A	3/8"	Steel Ring	Aluminum
4HDP-A	1/2"	Steel Ring	Aluminum
6HDP-A	3/4"	Steel Ring	Aluminum
8HDP-A	1"	Steel Ring	Aluminum
12HDP-A	1 1/2"	Steel Ring	Aluminum



H-SERIES ISO-B INTERCHANGE (NIPPLE RIGID DUST CAP)

PART NO.	BODY SIZE	CAP LANYARD	BODY MATERIAL
H2DC-A	1/4"	Steel Ring	Aluminum
H3DC-A	3/8"	Steel Ring	Aluminum
H4DC-A	1/2"	Steel Ring	Aluminum
H6DC-A	3/4"	Steel Ring	Aluminum
H8DC-A	1"	Steel Ring	Aluminum
H12DC-A	1 1/2"	Steel Ring	Aluminum



H-SERIES ISO-B INTERCHANGE (NIPPLE PROTECTIVE PRESSURE CAP)

PART NO.	BODY SIZE	CAP LANYARD	BODY MATERIAL
H2PC	1/4"	none	Steel
H3PC	3/8"	none	Steel
H4PC	1/2"	none	Steel
H6PC	3/4"	none	Steel
H8PC	1"	none	Steel



(Female Thread)

H-SERIES ISO-B STEEL MILL 'SLIDE-GATE' INTERCHANGE (COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
4HF4-HV	1/2"	1/2" - 14 NPTF	Steel



(Female Thread)

SERIES ISO-B STEEL MILL 'SLIDE-GATE' INTERCHANGE (NIPPLE)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
H4F4-HV	1/2"	1/2" - 14 NPTF	Steel

H-SERIES ISO 7241-B INTERCHANGE (COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
1HF1	1/8"	1/8"-27 NPTF	Steel
1HF1-B	1/8"	1/8"-27 NPTF	Brass
1HF1-S	1/8"	1/8"-27 NPTF	303 SS
1HOF2	1/8"	7/16"-20 ORB	Steel
1HOF2-S	1/8"	7/16"-20 ORB	303 SS
2HF2	1/4"	1/4"-18 NPTF	Steel
2HF2-B	1/4"	1/4"-18 NPTF	Brass
2HF2-S	1/4"	1/4"-18 NPTF	303 SS
2HF2-SS	1/4"	1/4"-18 NPTF	316 SS
2HOF3	1/4"	9/16"-18 ORB	Steel
2HOF3-S	1/4"	9/16"-18 ORB	303 SS
2HOF3-SS	1/4"	9/16"-18 ORB	316 SS
2HBF2	1/4"	G1/4" BSPP	Steel
2HBF2-B	1/4"	G1/4" BSPP	Brass
2HBF2-S	1/4"	G1/4" BSPP	303 SS
2HBF2-SS	1/4"	G1/4" BSPP	316 SS
3HF3	3/8"	3/8"-18 NPTF	Steel
3HF3-B	3/8"	3/8"-18 NPTF	Brass
3HF3-S	3/8"	3/8"-18 NPTF	303 SS
3HF3-SS	3/8"	3/8"-18 NPTF	316 SS
3HOF4	3/8"	3/4"-16 ORB	Steel
3HOF4-S	3/8"	3/4"-16 ORB	303 SS
3HOF4-SS	3/8"	3/4"-16 ORB	316 SS
3HBF3	3/8"	G3/8" BSPP	Steel
3HBF3-B	3/8"	G3/8" BSPP	Brass
3HBF3-S	3/8"	G3/8" BSPP	303 SS
3HBF3-SS	3/8"	G3/8" BSPP	316 SS
4HF4	1/2"	1/2"-14 NPTF	Steel
4HF4-B	1/2"	1/2"-14 NPTF	Brass
4HF4-S	1/2"	1/2"-14 NPTF	303 SS
4HF4-SS	1/2"	1/2"-14 NPTF	316 SS
4HOF5	1/2"	7/8"-14 ORB	Steel
4HOF5-S	1/2"	7/8"-14 ORB	303 SS
4HOF5-SS	1/2"	7/8"-14 ORB	316 SS
4HBF4	1/2"	G1/2" BSPP	Steel
4HBF4-B	1/2"	G1/2" BSPP	Brass
4HBF4-S	1/2"	G1/2" BSPP	303 SS
4HBF4-SS	1/2"	G1/2" BSPP	316 SS
6HF6	3/4"	3/4"-14 NPTF	Steel
6HF6-B	3/4"	3/4"-14 NPTF	Brass
6HF6-S	3/4"	3/4"-14 NPTF	303 SS
6HF6-SS	3/4"	3/4"-14 NPTF	316 SS
6HOF6	3/4"	1 1/16"-12 ORB	Steel
6HOF6-S	3/4"	1 1/16"-12 ORB	303 SS
6HOF6-SS	3/4"	1 1/16"-12 ORB	316 SS
6HBF6	3/4"	G3/4" BSPP	Steel
6HBF6-B	3/4"	G3/4" BSPP	Brass
6HBF6-S	3/4"	G3/4" BSPP	303 SS
6HBF6-SS	3/4"	G3/4" BSPP	316 SS
8HF8 1"	1"	1"-11 1/2 NPTF	Steel
8HF8-B	1"	1"-11 1/2 NPTF	Brass
8HF8-S	1"	1"-11 1/2 NPTF	303 SS
8HF8-SS	1"	1"-11 1/2 NPTF	316 SS
8HOF8	1"	1 5/16"-12 ORB	Steel
8HOF8-S	1"	1 5/16"-12 ORB	303 SS
8HOF8-SS	1"	1 5/16"-12 ORB	316 SS
8HBF8	1"	G1" BSPP	Steel
8HBF8-B	1"	G1" BSPP	Brass
8HBF8-S	1"	G1" BSPP	303 SS
8HBF8-SS	1"	G1" BSPP	316 SS
10HF10	1 1/4"	1 1/4"-11 1/2 NPTF	Steel
10HF10-B	1 1/4"	1 1/4"-11 1/2 NPTF	Brass
10HF10-S	1 1/4"	1 1/4"-11 1/2 NPTF	303 SS
10HF10-SS	1 1/4"	1 1/4"-11 1/2 NPTF	316 SS
10HBF10	1 1/4"	G1 1/4" BSPP	Steel
10HBF10-B	1 1/4"	G1 1/4" BSPP	Brass
10HBF10-S	1 1/4"	G1 1/4" BSPP	303 SS
10HBF10-SS	1 1/4"	G1 1/4" BSPP	316 SS
12HF10	1 1/2"	1 1/4"-11 1/2 NPTF	Steel
12HOF10	1 1/2"	1 5/8"-12 ORB	Steel
12HF12	1 1/2"	1 1/2"-11 1/2 NPTF	Steel
12HF12-B	1 1/2"	1 1/2"-11 1/2 NPTF	Brass
12HF12-S	1 1/2"	1 1/2"-11 1/2 NPTF	303 SS
12HF12-SS	1 1/2"	1 1/2"-11 1/2 NPTF	316 SS
12HOF12 1	1 1/2"	1 7/8"-12 ORB	Steel
12HBF12	1 1/2"	G1 1/2" BSPP	Steel
12HBF12-B	1 1/2"	G1 1/2" BSPP	Brass
12HBF12-S	1 1/2"	G1 1/2" BSPP	303 SS
12HBF12-SS	1 1/2"	G1 1/2" BSPP	316 SS



Female Thread

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H-SERIES ISO 7241-B INTERCHANGE (NIPPLE)



(Female Thread)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
H1F1	1/8"	1/8"-27 NPTF	Steel
H1F1-B	1/8"	1/8"-27 NPTF	Brass
H1F1-S	1/8"	1/8"-27 NPTF	303 SS
H10F2	1/8"	7/16"-20 ORB	Steel
H10F2-S	1/8"	7/16"-20 ORB	303 SS
H2F2	1/4"	1/4"-18 NPTF	Steel
H2F2-B	1/4"	1/4"-18 NPTF	Brass
H2F2-S	1/4"	1/4"-18 NPTF	303 SS
H2F2-SS	1/4"	1/4"-18 NPTF	316 SS
H20F3	1/4"	9/16"-18 ORB	Steel
H20F3-S	1/4"	9/16"-18 ORB	303 SS
H20F3-SS	1/4"	9/16"-18 ORB	316 SS
H2BF2	1/4"	G1/4" BSPP	Steel
H2BF2-B	1/4"	G1/4" BSPP	Brass
H2BF2-S	1/4"	G1/4" BSPP	303 SS
H2BF2-SS	1/4"	G1/4" BSPP	316 SS
H3F3	3/8"	3/8"-18 NPTF	Steel
H3F3-B	3/8"	3/8"-18 NPTF	Brass
H3F3-S	3/8"	3/8"-18 NPTF	303 SS
H3F3-SS	3/8"	3/8"-18 NPTF	316 SS
H30F4	3/8"	3/4"-16 ORB	Steel
H30F4-S	3/8"	3/4"-16 ORB	303 SS
H30F4-SS	3/8"	3/4"-16 ORB	316 SS
H3BF3	3/8"	G3/8" BSPP	Steel
H3BF3-B	3/8"	G3/8" BSPP	Brass
H3BF3-S	3/8"	G3/8" BSPP	303 SS
H3BF3-SS	3/8"	G3/8" BSPP	316 SS
H4F4	1/2"	1/2"-14 NPTF	Steel
H4F4-B	1/2"	1/2"-14 NPTF	Brass
H4F4-S	1/2"	1/2"-14 NPTF	303 SS
H4F4-SS	1/2"	1/2"-14 NPTF	316 SS
H40F5	1/2"	7/8"-14 ORB	Steel
H40F5-S	1/2"	7/8"-14 ORB	303 SS
H40F5-SS	1/2"	7/8"-14 ORB	316 SS
H4BF4	1/2"	G1/2" BSPP	Steel
H4BF4-B	1/2"	G1/2" BSPP	Brass
H4BF4-S	1/2"	G1/2" BSPP	303 SS
H4BF4-SS	1/2"	G1/2" BSPP	316 SS
H6F6	3/4"	3/4"-14 NPTF	Steel
H6F6-B	3/4"	3/4"-14 NPTF	Brass
H6F6-S	3/4"	3/4"-14 NPTF	303 SS
H6F6-SS	3/4"	3/4"-14 NPTF	316 SS
H60F6	3/4"	1 1/16"-12 ORB	Steel
H60F6-S	3/4"	1 1/16"-12 ORB	303 SS
H60F6-SS	3/4"	1 1/16"-12 ORB	316 SS
H6BF6	3/4"	G3/4" BSPP	Steel
H6BF6-B	3/4"	G3/4" BSPP	Brass
H6BF6-S	3/4"	G3/4" BSPP	303 SS
H6BF6-SS	3/4"	G3/4" BSPP	316 SS
H8F8	1"	1"-11 1/2 NPTF	Steel
H8F8-B	1"	1"-11 1/2 NPTF	Brass
H8F8-S	1"	1"-11 1/2 NPTF	303 SS
H8F8-SS	1"	1"-11 1/2 NPTF	316 SS
H80F8	1"	1 5/16"-12 ORB	Steel
H80F8-S	1"	1 5/16"-12 ORB	303 SS
H80F8-SS	1"	1 5/16"-12 ORB	316 SS
H8BF8	1"	G1" BSPP	Steel
H8BF8-B	1"	G1" BSPP	Brass
H8BF8-S	1"	G1" BSPP	303 SS
H8BF8-SS	1"	G1" BSPP	316 SS
H10F10	1 1/4"	1 1/4"-11 1/2 NPTF	Steel
H10F10-B	1 1/4"	1 1/4"-11 1/2 NPTF	Brass
H10F10-S	1 1/4"	1 1/4"-11 1/2 NPTF	303 SS
H10F10-SS	1 1/4"	1 1/4"-11 1/2 NPTF	316 SS
H10BF10	1 1/4"	G1 1/4" BSPP	Steel
H10BF10-B	1 1/4"	G1 1/4" BSPP	Brass
H10BF10-S	1 1/4"	G1 1/4" BSPP	303 SS
H10BF10-SS	1 1/4"	G1 1/4" BSPP	316 SS
H12F10	1 1/2"	1 1/4"-11 1/2 NPTF	Steel
H120F10	1 1/2"	1 5/8"-12 ORB	Steel
H12F12	1 1/2"	1 1/2"-11 1/2 NPTF	Steel
H12F12-B	1 1/2"	1 1/2"-11 1/2 NPTF	Brass
H12F12-S	1 1/2"	1 1/2"-11 1/2 NPTF	303 SS
H12F12-SS	1 1/2"	1 1/2"-11 1/2 NPTF	316 SS
H120F12	1 1/2"	1 7/8"-12 ORB	Steel
H12BF12	1 1/2"	G1 1/2" BSPP	Steel
H12BF12-B	1 1/2"	G1 1/2" BSPP	Brass
H12BF12-S	1 1/2"	G1 1/2" BSPP	303 SS
H12BF12-SS	1 1/2"	G1 1/2" BSPP	316 SS