



SERIES: IB - ISO B

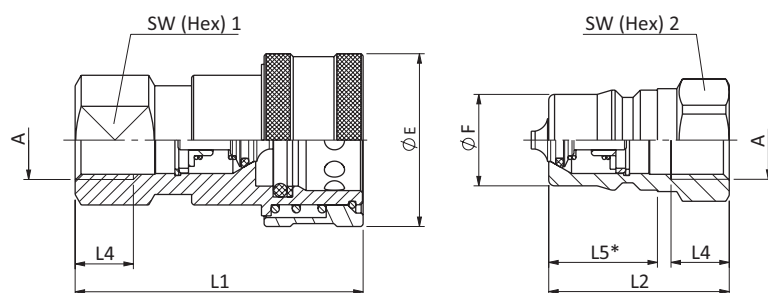
Brass
ISO Interchange according to ISO 7241-1 Series B

Product Features

- Poppet valve
- Coupling made of brass
- Integrated locking system preventing unintentional release of the coupling

Technical Features

Material	Brass
Standard Seal	FKM (Viton®) Other materials available on request
Working Temperature	-25° C ... +200° C / -13° F ... +392° F
Connection	Push and actuate push sleeve
Disconnection	Actuate push sleeve
Connect Under Pressure	Not allowed
Application	Industrial Hydraulic



SW: Width across flats. All dimensions in mm
 * Insertion Male Tip.

Dimensions (mm)

Nominal Size	Port A	ØE	ØF	L1	L2	L4 min	L5	SW1	SW2	Female Body Weight kg	Male Tip Weight kg
6.3	G1/4"	28.5	14.2	58	36	13	21.5	19	19	0.135	0.038
10	G3/8"	35	19.1	65	40	13	24.2	24	24	0.225	0.068
12	G1/2"	44.5	23.55	74	46.5	15	27.2	28.5	28.5	0.388	0.124
19	G3/4"	54	31.5	92	56	16	34	36	36	0.665	0.223
25	G1"	63.5	37.8	103	63	21	39.3	41	41	1.016	0.338

Technical Data

Series	DN	DN ISO 4397	Q max l/min	Working Pressure		Bursting Pressure				Spillage		
						Connected		Female Body		Male Tip		ml
						bar	PSI	bar	PSI	bar	PSI	
IB-06	1/4	6.3	18	160	2321	640	9282	600	8702	600	8702	1
IB-10	3/8	10	34.5	160	2321	640	9282	640	9282	640	9282	2.4
IB-12	1/2	12.5	67.5	160	2321	640	9282	640	9282	600	8702	3.9
IB-19	3/4	19 (20)	159	125	1813	500	7252	500	7252	500	7252	11
IB-25	1"	25	283	100	1450	400	5802	400	5802	400	5802	19

The indicated pressure ratings only apply to the coupling itself and depend on the connection type.

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QUICK CONNECT COUPLINGS

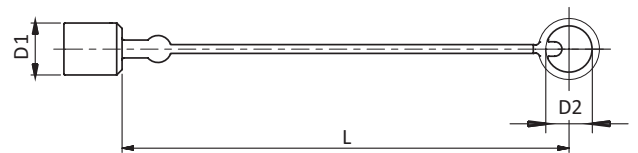
Article no.	Description
414001	ISO B Female 06 Body 1/4" BSPF
414002	ISO B Male 06 Body 1/4" BSPF
414003	ISO B Female 10 Body 3/8" BSPF
414004	ISO B Male 10 Body 3/8" BSPF
414005	ISO B Female 12 Body 1/2" BSPF
414006	ISO B Male 12 Body 1/2" BSPF
414007	ISO B Female 19 Body 3/4" BSPF
414008	ISO B Male 19 Body 3/4" BSPF
414009	ISO B Female 25 Body 1" BSPF
414010	ISO B Male 25 Body 1" BSPF

Larger sizes available on request

SERIES: IB - DUST PROTECTION

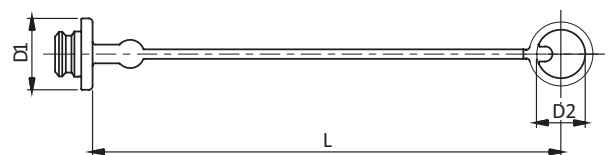
Dust Cap for Male Tip

Size	D1	D2	L	Material	Article no.
6.3	18	23	240	Plastic Red - Standard	IB06MR
10	23	24	240		IB10MR
12.5	29	28	245		IB12MR
19	36	38	245		IB19MR
25	44	46	253		IB25MR



Dust Plug for Female Body

Size	D1	D2	L	Material	Article no.
6.3	26	23	240	Plastic Red - Standard	IB06FR
10	33	24	235		IB10FR
12.5	38	28	240		IB12FR
19	49	38	240		IB19FR
25	60	46	245		IB25FR



In addition to the standard colours as stated above, plastic dust caps are also available in blue, green, yellow and black.