



SERIES: IB - ISO B

Stainless Steel

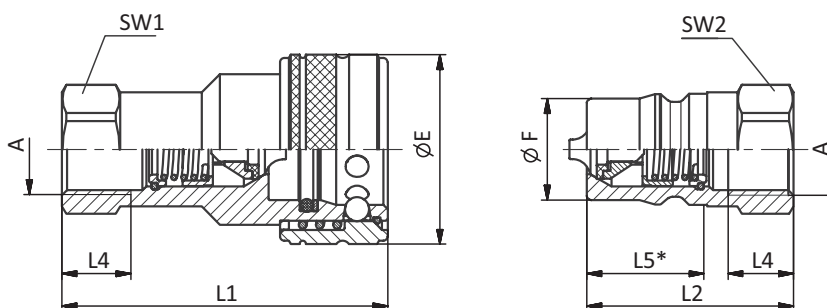
ISO Interchange, up to DN 25, according to ISO 7241-1 Series B

Product Features

- Poppet valve
- Coupling made of stainless steel (AISI 316)
- Integrated locking system preventing unintentional release of the coupling

Technical Features

Material	Stainless Steel V4A (AISI 316)
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	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	14.2	60	38	12	21.5	19	19	0.130	0.040
10	G3/8"	35	19.1	65.2	40.5	12	24.2	22	22	0.197	0.060
12	G1/2"	44.5	23.55	73.7	46	14	27.2	28.5	28.5	0.346	0.107
19	G3/4"	51.5	31.45	91.5	57	16	34	34	34	0.56	0.210
25	G1"	60	37.8	103.8	63.5	18	39.3	41	41	0.908	0.342
38	G1 1/4"	78.5	44.45	126.5	127	20	52	65	65	2.166	1.382
38	G1 1/2"	78.5	44.45	126.5	127		52	65	65	2.080	1.304
51	G2"	105	63.2	142	142.5	24	63.5	90	90	4.970	3.290

Technical Data

Series	DN	DN		Q max	Working Pressure		Bursting Pressure				Spillage		
		ISO 4397			bar	PSI	Connected		Female Body			Male Tip	
		Inch	mm				bar	PSI	bar	PSI		bar	PSI
IB-06	1/4	6.3	24	350	5076	1600	23206	1500	21756	1700	24656	1	
IB-10	3/8	10	46	300	4351	2100	30458	1100	15954	1100	15954	2.4	
IB-12	1/2	12.5	90	300	4351	1500	21756	1400	20305	1500	21756	3.9	
IB-19	3/4	19 (20)	220	220	3191	1000	14504	900	13053	1000	14504	11	
IB-25	1	25	260	200	2901	580	12328	650	9427	600	8702	19	
IB-38	1 1/2	38	757	80	1160	250	3626	250	3626	250	3626	95	
IB-51	2	51	1000	60	870	200	2901	200	2901	200	2901	170	

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

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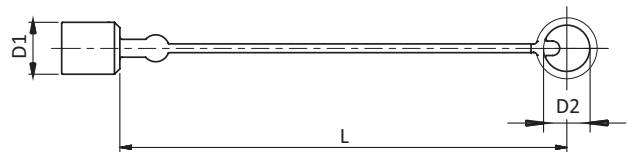
QUICK CONNECT COUPLINGS

Article no.	Description	Price £	Price €
420003	ISO B Female 6 Body 1/4" BSPF	£79.30	€83.20
420004	ISO B Male 6 Body 1/4" BSPF	£34.70	€36.40
420005	ISO B Female 10 Body 3/8" BSPF	£93.40	€98.10
420006	ISO B Male 10 Body 3/8" BSPF	£39.40	€41.30
420007	ISO B Female 12 Body 1/2" BSPF	£117.10	€122.90
420008	ISO B Male 12 Body 1/2" BSPF	£44.10	€46.40
420009	ISO B Female 19 Body 3/4" BSPF	£166.10	€174.40
420010	ISO B Male 19 Body 3/4" BSPF	£75.90	€79.70
420011	ISO B Female 25 Body 1" BSPF	£264.00	€277.20
420012	ISO B Male 25 Body 1" BSPF	£109.70	€115.20
420013	ISO B Female 38 Body 1 1/4" BSPF	£598.60	€628.60
420014	ISO B Male 38 Body 1 1/4" BSPF	£455.00	€477.70
420015	ISO B Female 38 Body 1 1/2" BSPF	£598.60	€628.60
420016	ISO B Male 38 Body 1 1/2" BSPF	£459.30	€482.30
420017	ISO B Female 51 Body 2" BSPF	£1,379.30	€1,448.20
420018	ISO B Male 51 Body 2" BSPF	£977.90	€1,026.70

SERIES: IB - DUST PROTECTION

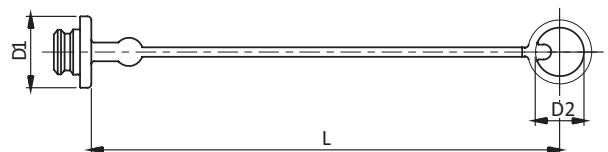
Dust Cap for Male Tip

Size	D1	D2	L	Material	Article no.	Price £	Price €
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.	Price £	Price €
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.