

Male tip

Female body

SERIES: HV

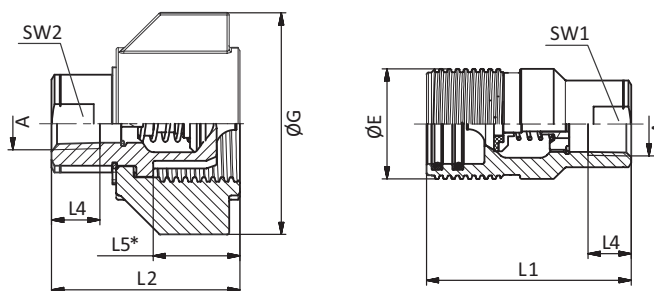
Carbon Steel
Screw Connect
Oil and Gas

Product Features

- Poppet Valve
- Zinc-Plating and Thick-Film-Passivation (Chrome III)
- Can be connect under pressure up to 100 bar (1450 PSI)

Technical Features

Material	Carbon Steel
Surface Finishing	Zinc-Plating and Thick-Film-Passivation (Chrome III)
Standard Seal	NBR (Buna-N®) Other materials available on request
Working Temperature -	25° C ... +100° C / -13° F ... +212° F
Connection	Screw
Disconnection	Screw
Connect Under Pressure	Male Tip and Female Body up to max. 100 bar/1450 PSI allowed
Application	Oil and gas, mobile, transportation



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

Dimensions (mm)

Nominal Size	Port A	ØE	ØG	L1	L2	L5	SW1	SW2	Female Body Weight kg	Male Tip Weight kg
19	3/4" NPFT	44.5	72	83	62	22	31.8	31.8	0.840	0.480
25	1" NPFT	57	102	106	87.6	39.95	41.3	41.3	1.145	1.100
31	1 1/4" NPFT	66.5		136	113	51			2.530	1.870
38	1 1/2" NPFT	82.5	140	152	133.3	64.5			4.010	3.100
51	2" NPFT	101	162	179	151.5	75.5			7.935	5.570

Technical Data

Series	DN			Q max	Working Pressure		Bursting Pressure				Spillage		
	ISO 4397				bar	PSI	Connected		Female Body			Male Tip	
	Inch	mm	l/min				bar	PSI	bar	PSI		bar	PSI
HV-19	3/4	19 (20)	190	350	5076	1500	21756	750	10878	1400	20305	8	
HV-25	1	25	280	350	5076	1600	23206	900	13053	1500	21756	16	
HV-31	1 1/4	31	480	350	5076	1300	18855	850	12328	1600	23206	31	
HV-38	1 1/2	38	700	350	5076	1200	17404	600	8702	900	13053	64	
HV-51	2	51	1000	350	5076	1100	15954	500	7252	600	8702	141	

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

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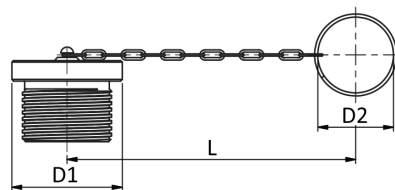
QUICK CONNECT COUPLINGS

Article no.	Description	Price £	Price €
740001	Screw Poppet Female 19 Body 3/4" NPTF	£33.60	€35.30
740002	Screw Poppet Male 19 Body 3/4" NPTF	£55.30	€58.10
740003	Screw Poppet Female 25 Body 1" NPTF	£61.00	€64.00
740004	Screw Poppet Male 25 Body 1" NPTF	£103.60	€108.80
740005	Screw Poppet Female 31 Body 1 1/4" NPTF	£97.90	€102.80
740006	Screw Poppet Male 31 Body 1 1/4" NPTF	£110.90	€116.50
740007	Screw Poppet Female 38 Body 1 1/2" NPTF	£178.70	€187.60
740008	Screw Poppet Male 38 Body 1 1/2" NPTF	£188.50	€197.90
740009	Screw Poppet Female 51 Body 2" NPTF	£279.80	€293.80
740010	Screw Poppet Male 51 Body 2" NPTF	£368.60	€387.10

SERIES: HV - DUST PROTECTION

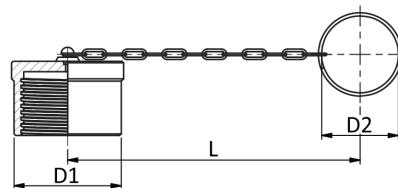
Dust plug for Female Body

Size	D1	D2	L	Material	Article no.	Price £	Price €
25	69.5	48	270	Aluminium with chain	HV25FA		
31	75.5	49	270		HV31FA		
38	95.5	48	280		HV38FA		
51	113.5	85	450		HV51FA		



Dust Cap for Male Tip

Size	D1	D2	L	Material	Article no.	Price £	Price €
25	70	48	270	Aluminium with chain	HV25MA		
31	80.5	49	270		HV31MA		
38	96	48	280		HV38MA		



Other sizes on request