



H SERIES

US MIL-C-51234 Standard, Snap-tite H Series Interchange Quick Couplings

H Series is best suited for general purpose fluid applications where either single or double shut-off valving is desired. A wide range of sizes, materials and end configurations are available. Snap-tite H Series Interchange Quick Couplings, US MIL-C-51234 standard.



Series H // Carbon Steel

Material	Carbon Steel
Surface Finishing	Zinc-Nickel, Zinc-Plating
Standard Seal Material(s)	NBR (Buna-N®), PTFE, ²
Working Temperature	-25° C ... +100° C / -13° F ... +212° F
Valve Design	Special Poppet
Connection	Push
Disconnection	Actuate Push Sleeve
Connect Under Pressure	not allowed
Application	Industrial hydraulic lines, Water and coolant lines, Mobile equipment
ISO Interchange	MIL-C-51234

² Alternative seal materials are available on request.

Features

- Designed to MIL-C 51234
- Optional sleeve lock helps to prevent accidental disconnection
- Shut-off version with special designed poppet
- Double-shut-off version has low pressure drop
- Snap-tite Design interchange

Applications

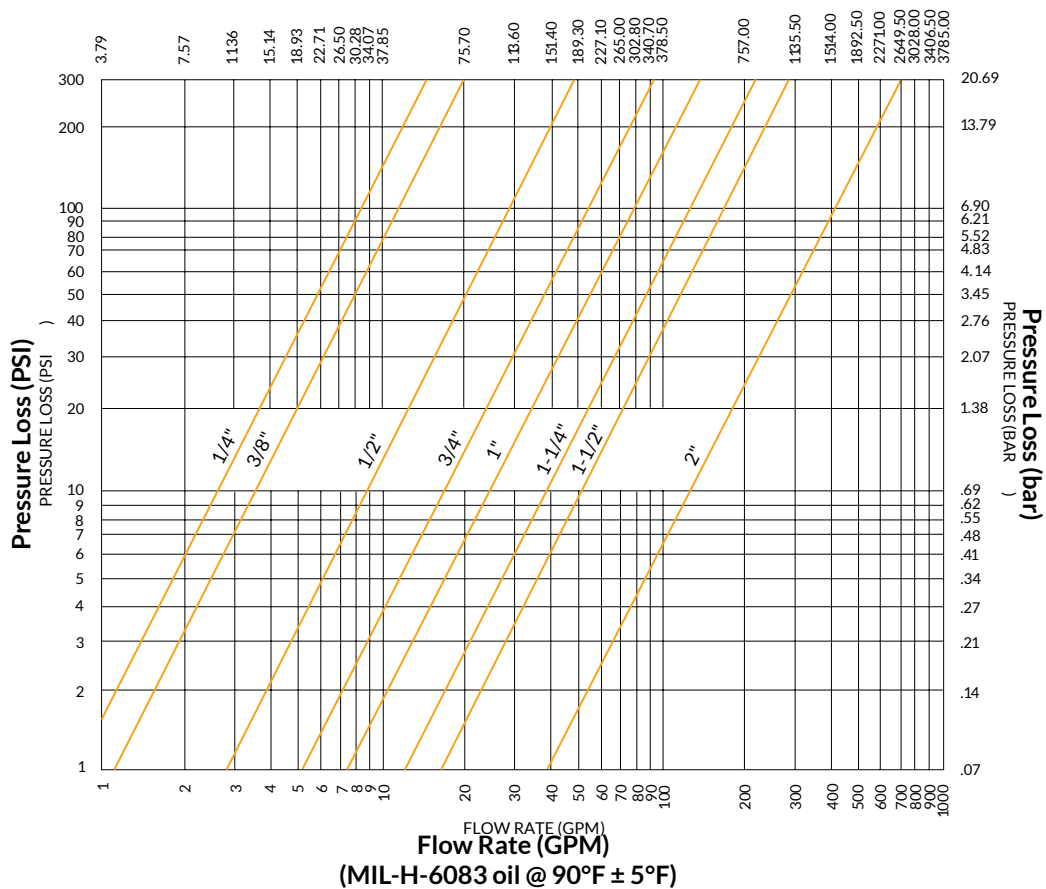
- Industrial hydraulic lines
- Water and coolant lines
- Mobile equipment



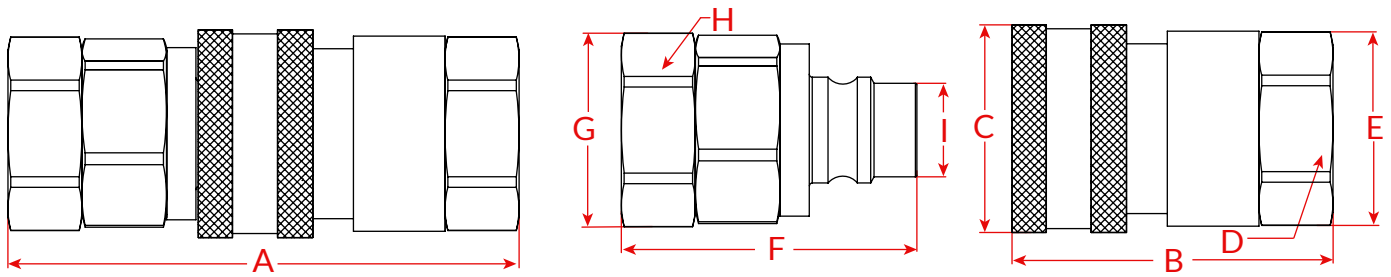
Technical Data

Series	DN Inch	DN Metric	Qmax		Working Pressure		bursting pressure coupled		female body		male tip		spillage ml
			l/min	US GPM	bar	psi	bar	psi	bar	psi	bar	psi	
FF-06	1/4"	6,3	40	10.57	400	5801	1700	24656	1220	17695	1500	21756	0.01
FF-10	3/8"	10	80	21.13	350	5076	1500	21756	1050	15229	1100	15954	0.015
FF-12	1/2"	12,5	120	31.70	350	5076	1200	17404	1000	14504	1050	15229	0.02
FF-16	5/8"	16	140	36.98	350	5076	1200	17404	1100	15954	1100	15954	0.02
FF-19	3/4"	19	180	47.55	350	5076	1450	21030	1050	15229	1050	15229	0.032
FF-25	1"	25	260	68.68	260	3771	800	11603	800	11603	800	11603	0.03
FF-31	1 1/4"	31,5	600	158.50	300	4351	1000	14504	1000	14504	1000	14504	0.1
FF-38	1 1/2"	38	1000	264.17	150	2176	650	9427	650	9427	700	10153	0.1
FF-51	2"	51	2350	620.80	150	2176	650	9427					

Flow Characteristics



Dimensions



Series	Size	Thread	Overall Length	F Length		O.D		Hex	O.D		M Length	O.D		Hex		O.D		Weight (g)	
				A	B	C	D		E	F		G	H	I	Female	Male			
H-06	1/4"	1/4"	70.3	44	24	22	24	41.3	24	22	10.9	90	64						
H-10	3/8"	3/8"	78.5	49.4	27	26	28	47	28	26	12.9	153	104						
H-12	1/2"	1/2"	87.3	53.5	34	30	33	51	33	30	15.9	214	136						
H-19	3/4"	3/4"	104	63	42	38	41	62	41	38	23.4	386	278						
H-25	1"	1"	112.5	68.3	50.5	48	51	66.8	51	48	29.7	713	522						
H-31	1 1/4"	1 1/4"	156.5	91	56	50	53	88	53	50	36.1	865	645						
H-38	1 1/2"	1 1/2"	148.2	90	70	64	67	85.6	67	64	43.3	1315	955						
H-51	2"	2"	171	105	90	89	93	99	93	89	56.7	2820	2140						

Dimensions in mm

The dimensions based on the npt thread, and the other thread some dimensions would be a little different, see the detail product page on our website.

Code Rules

H - 10 F NPT3/8

① ② ③ ④

- ① Series - H
- ② Body Size, 10 = 3/8", 12 = 1/2"...25 = 1"
- ③ Part, F = Female Coupler, M = Male Nipple, Blank = Set(Female+Male)
- ④ Thread Type and Size, NPT1/2", G1/2" etc.

