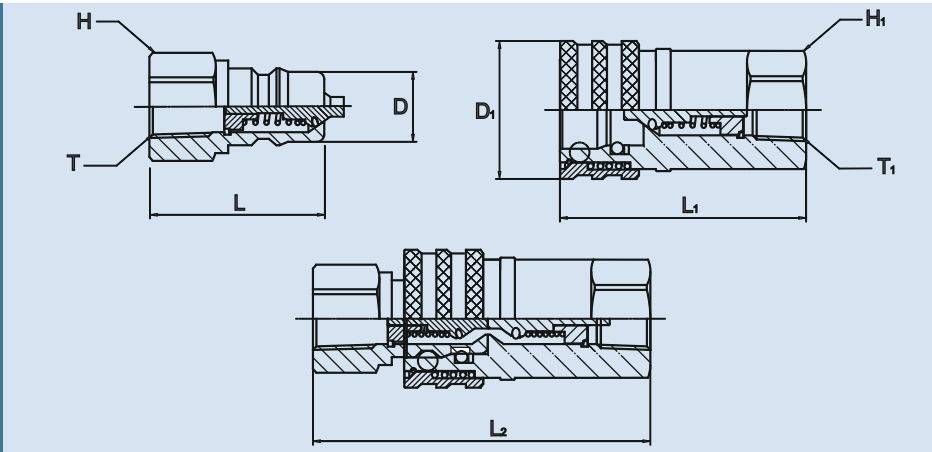
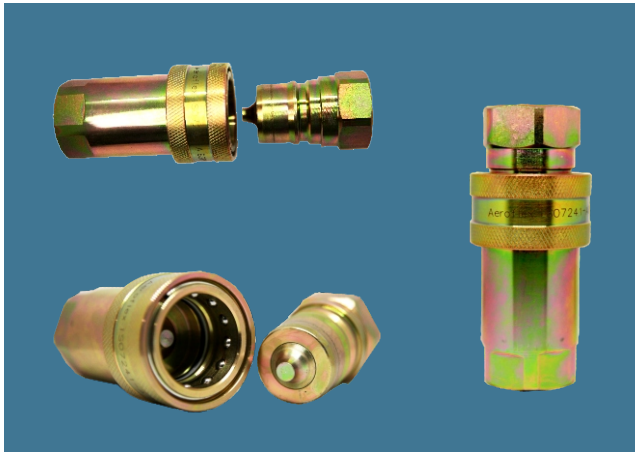




Quick Release Coupling (ISO 7241 - A) Valve



SPECIFICATIONS

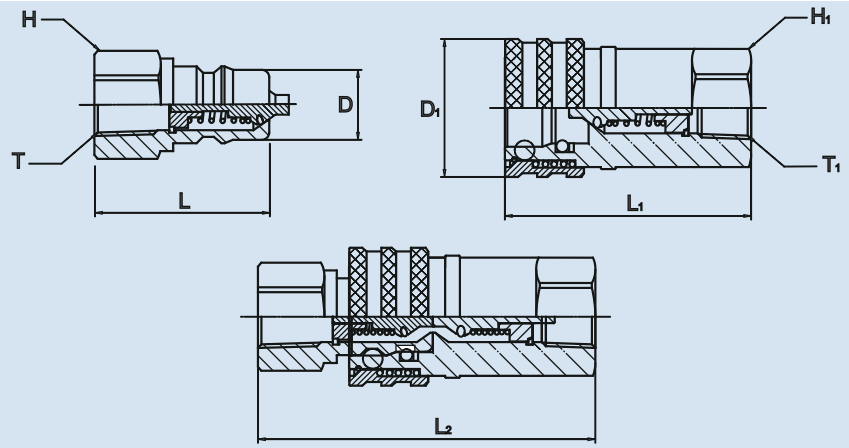
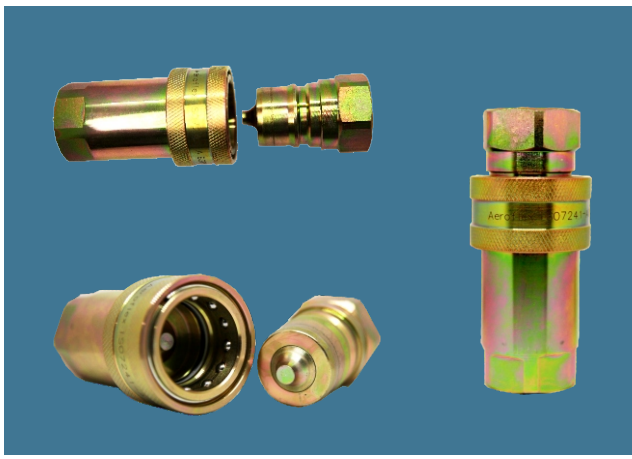
Port :	Refer technical data sheet (Available in BSP threading)
End Connection :	Screwed (Female Threaded)
Body Material :	High grade carbon steel surface treated cadmium plated
Spring :	Spring steel as per IS Standard
Balls :	As per AISI/ASTM Standard
Seal :	NBR (Nitrile Rubber)
Back-up Ring :	PTFE
Media Temperature :	- 25 deg C to + 100 deg C

DIMENSION

Model No.	Nominal Size (mm)	Nominal Size (inch)	L	L1	L2	H	H1	D	D1	T (BSP)	T1 (BSP)
H001-1/4	6.3	1/4"	36	50	72	19	19	12	26	1/4"	1/4"
H001-3/8	10	3/8"	38	56	77	22	22	17	31	3/8"	3/8"
H001-1/2	12.5	1/2"	44	66	88	27	27	20	38	1/2"	1/2"
H001-3/4	20	3/4"	54	81	108	34	34	29	46	3/4"	3/4"
H001-1	25	1"	62	94	122	41	41	34	55	1"	1"

TECHNICAL DATA

Model No.	Nominal Size (mm)	Nominal Size (inch)	Max Working Pressure (PSI)	Max Flow (LPM/GPM)	Fluid Spillage (CC)
H001-1/4	6.3	1/4"	5000	12 / 3	0.5
H001-3/8	10	3/8"	4000	23 / 6	1.9
H001-1/2	12.5	1/2"	4000	45 / 12	2.7
H001-3/4	20	3/4"	3000	106 / 28	9.3
H001-1	25	1"	3000	189 / 50	16



Instruction for Use :

- Prior to connecting, ensure that the mating parts of the couplings i.e. is the male and female ends are clean and free of dirt to avoid contamination of the hydraulic system.
- To connect, pull the collar on the female socket back and insert the male plug as far as it will go. Release the collar to lock the coupling together.
- To disconnect, pull the collar on the female socket back and allow the male plug to disengage.

Caution :

- Under no circumstances should the coupling be connected or disconnected with pressure in the hydraulic system.
- Whilst in use, the coupling may become hot. Protective gloves should be worn when handling in such situation.
- To reduce the risk of contamination, the use of protective plugs and caps on the coupling when it is disconnected is recommended.

Please Note :

**Dimensions provided are for reference only and are subject to change as per design modification.

**Flow calculated at 2 bar in standard conditions

**Tolerance: $\pm 1\%$