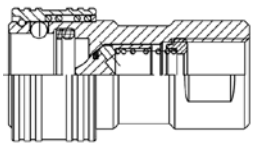
GROMELLE couplings

H-5000 series (1/8” ÷ 2”)

Standard: Producer’s standard
Applications: Hydraulics (hydraulic oil)
Industrial (water, steam, fuels and oils, gases, chemicals)
Working press.: Up to 1000 bar (safety factor: 3:1)
Material: Galvanized steel, brass, AISI 316L steel
Seal: NBR (from -20°C to +100°C) - standard HA, HL
Viton (from -20°C to +200°C) - standard HZ
EPDM (from -40°C to +150°C) - option
Advantages: High working pressure

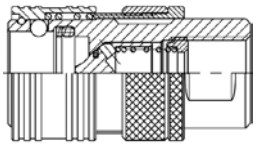
Quick release couplings designed to withstand high working pressure, pressure impulses, heavy mechanical loads, frequent connection and disconnection. A socket can be optionally equipped with a locking ring to prevent accidental disconnection. The material of the coupling and seal must be selected according to its application. For pulsating pressure, when the quick release coupling is disconnected, the maximum working pressure must be reduced by 50%.

Socket



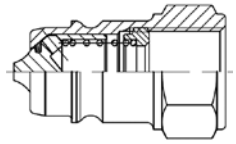
size [inch]	female thread [inch]	code		
		galv. steel*	brass*	AISI 316L
1/8	1/8 BSP	GR-HA-0500100	GR-HL-0500100	GR-HZ-05001V0
1/4	1/4 BSP	GR-HA-0501100	GR-HL-0501100	GR-HZ-05011V0
3/8	3/8 BSP	GR-HA-0502100	GR-HL-0502100	GR-HZ-05021V0
1/2	1/2 BSP	GR-HA-0503100	GR-HL-0503100	GR-HZ-05031V0
3/4	3/4 BSP	GR-HA-0504100	GR-HL-0504100	GR-HZ-05041V0
1	1 BSP	GR-HA-0505100	GR-HL-0505100	GR-HZ-05051V0
1.1/4	1.1/4 BSP	GR-HA-05061V0	GR-HL-05061V0	GR-HZ-05061V0
1.1/2	1.1/2 BSP	GR-HA-05071V0	GR-HL-05071V0	GR-HZ-05071V0
2	2 BSP	GR-HA-05091V0	GR-HL-05091V0	GR-HZ-05091V0

Socket with locking ring



size [inch]	female thread [inch]	code		
		galv. steel*	brass*	AISI 316L
1/8	1/8 BSP	GR-HA-0500300	GR-HL-0500300	GR-HZ-05003V0
1/4	1/4 BSP	GR-HA-0501300	GR-HL-0501300	GR-HZ-05013V0
3/8	3/8 BSP	GR-HA-0502300	GR-HL-0502300	GR-HZ-05023V0
1/2	1/2 BSP	GR-HA-0503300	GR-HL-0503300	GR-HZ-05033V0
3/4	3/4 BSP	GR-HA-0504300	GR-HL-0504300	GR-HZ-05043V0
1	1 BSP	GR-HA-0505300	GR-HL-0505300	GR-HZ-05053V0
1.1/4	1.1/4 BSP	GR-HA-05063V0	GR-HL-05063V0	GR-HZ-05063V0
1.1/2	1.1/2 BSP	GR-HA-05073V0	GR-HL-05073V0	GR-HZ-05073V0
2	2 BSP	GR-HA-05093V0	GR-HL-05093V0	GR-HZ-05093V0

Plug



size [inch]	female thread [inch]	code		
		galv. steel*	brass*	AISI 316L
1/8	1/8 BSP	GR-HA-0500200	GR-HL-0500200	GR-HZ-05002V0
1/4	1/4 BSP	GR-HA-0501200	GR-HL-0501200	GR-HZ-05012V0
3/8	3/8 BSP	GR-HA-0502200	GR-HL-0502200	GR-HZ-05022V0
1/2	1/2 BSP	GR-HA-0503200	GR-HL-0503200	GR-HZ-05032V0
3/4	3/4 BSP	GR-HA-0504200	GR-HL-0504200	GR-HZ-05042V0
1	1 BSP	GR-HA-0505200	GR-HL-0505200	GR-HZ-05052V0
1.1/4	1.1/4 BSP	GR-HA-05062V0	GR-HL-05062V0	GR-HZ-05062V0
1.1/2	1.1/2 BSP	GR-HA-05072V0	GR-HL-05072V0	GR-HZ-05072V0
2	2 BSP	GR-HA-05092V0	GR-HL-05092V0	GR-HZ-05092V0

* - Viton seal only for sizes above 1”