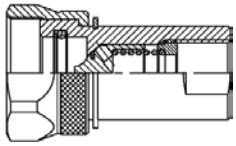
Screw to connect couplings

GROMELLE (1/4” ÷ 2”)

Standard: Producer’s standard
Applications: Hydraulics (hydraulic oil)
Industrial (water, steam, fuel and oil gases and chemicals)
Working press.: Up to 1100 bar
Material: Galvanized steel, stainless steel
Seal: NBR (from -20°C up to +100°C) - standard
Viton (from -20°C up to +200°C) - standard
EPDM (from -40°C up to +150°C) - option
Advantages: High working pressure

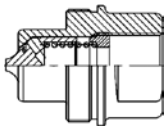
Quick release screw to connect couplings designed to resist heavy mechanical loads. Intended for high working pressure applications (up to 1100 bar). The coupling can be connected under residual pressure. The material of the coupling and seal must be selected according to its application. For pulsating pressure, when the quick release coupling is disconnected, the maximum working pressure must be reduced by 50%.

Socket



size [inch]	female thread [inch]	code	
		galvanized steel (NBR)	AISI 316L (Viton)
1/4	1/4 BSP	GR-WA-0601700	GR-WV-06017V0
3/8	3/8 BSP	GR-WA-0602700	GR-WV-06027V0
1/2	1/2 BSP	GR-WA-0603700	GR-WV-06037V0
3/4	3/4 BSP	GR-WA-0604700	GR-WV-06047V0
1	1 BSP	GR-WA-0605700	GR-WV-06057V0
1.1/4	1.1/4 BSP	GR-WA-0606700	GR-WV-06067V0
1.1/2	1.1/2 BSP	GR-WA-0607700	GR-WV-06077V0
2	2 BSP	GR-WA-0609700	GR-WV-06097V0

Plug



size [inch]	female thread [inch]	code	
		galvanized steel (NBR)	AISI 316L (Viton)
1/4	1/4 BSP	GR-WA-0601400	GR-WV-06014V0
3/8	3/8 BSP	GR-WA-0602400	GR-WV-06024V0
1/2	1/2 BSP	GR-WA-0603400	GR-WV-06034V0
3/4	3/4 BSP	GR-WA-0604400	GR-WV-06044V0
1	1 BSP	GR-WA-0605400	GR-WV-06054V0
1.1/4	1.1/4 BSP	GR-WA-0606400	GR-WV-06064V0
1.1/2	1.1/2 BSP	GR-WA-0607400	GR-WV-06074V0
2	2 BSP	GR-WA-0609400	GR-WV-06094V0

Blank plugs/caps

size [inch]	material	code	
		socket blank plug	plug blank cap
1/4	aluminium	GR-WD-0611700	GR-WD-0611400
3/8		GR-WD-0612700	GR-WD-0612400
1/2		GR-WD-0613700	GR-WD-0613400
3/4		GR-WD-0614700	GR-WD-0614400
1		GR-WD-0615700	GR-WD-0615400
1.1/4		GR-WD-0616700	GR-WD-0616400
1.1/2		GR-WD-0617700	GR-WD-0617400
2		GR-WD-0619700	GR-WD-0619400

Operating parameters

size [inch]	working / bursting pressure [bar]	flow rate at Δp = 3 bar [l/min]
1/4	1100 / 2400	22
3/8	750 / 2250	29
1/2	750 / 1600	48
3/4	650 / 1600	92
1	450 / 1100	154
1.1/4	450 / 1100	238
1.1/2	300 (38*) / 850	365
2	300 (28*) / 750	653