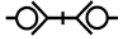


HIGH PRESSURE - quick release couplings

NITTO KOHKI couplings



HSP CUPLA (1/4" ÷ 2")

- Standard:** Producer's standard
- Applications:** Hydraulics (hydraulic oil)
Industrial
- Working press.:** Up to 206 bar
- Material:** Nickel-plated steel
- Seal:** NBR (from -20°C up to +80°C) - standard
Viton (from -20°C up to +180°C) - option
- Advantages:** Perfect finish, high reliability

Quick release couplings manufactured in Japan of special alloy steel. Highly durable, resistant to vibrations and pulsating pressure. Used in hydraulic installations in foundry equipment where sudden pressure fluctuations occur. Suitable for vacuum pressure. Depending on application, the material of seal must be chosen.

Socket and plug with female thread	size [inch]	female thread [inch]	socket code	plug code
		1/4	1/4 BSPT	NK-2HS
3/8		3/8 BSPT	NK-3HS	NK-3HP
1/2		1/2 BSPT	NK-4HS	NK-4HP
		3/4 BSPT	NK-6HS	NK-6HP
3/4			NK-66HS	NK-66HP
1		1 BSPT	NK-8HS	NK-8HP
1.1/2		1.1/4 BSPT	NK-10HS	NK-10HP
		1.1/2 BSPT	NK-12HS	NK-12HP
2		2 BSPT	NK-16HS	NK-16HP

Socket and plug with male thread	size [inch]	male thread [inch]	socket code	plug code
	<p>BSPT male thread</p> <p>BSP male thread</p>	1/4	1/4 BSPT	NK-2HS-R
1/4 BSP			NK-2HS-GS	NK-2HP-GS
3/8		3/8 BSPT	NK-3HS-R	NK-3HP-R
		3/8 BSP	NK-3HS-GS	NK-3HP-GS
1/2		1/2 BSPT	NK-4HS-R	NK-4HP-R
		1/2 BSP	NK-4HS-GS	NK-4HP-GS
		3/4 BSPT	NK-6HS-R	NK-6HP-R
		3/4 BSP	NK-6HS-GS	NK-6HP-GS

Operating parameters

size [inch]	working pressure [bar]	flow rate at Δp = 3 bar [l/min]
1/4	206	16
3/8	206	32
1/2	206	65
3/4	206	121
1	206	172
1.1/2	180	456
2	140	924