

HIGH PRESSURE - quick release couplings

NITTO KOHKI couplings



350 CUPLA (1/4" ÷ 1.1/2")

- Standard:** Producer's standard
- Applications:** Hydraulics (hydraulic oil)
Industrial
- Working press.:** Up to 345 bar
- Material:** Nickel-plated steel
- Seal:** Viton (from -20°C up to +180°C)
- Advantages:** Dry-break, perfect finish, high reliability

Dry-break, quick release couplings of a "flat-face" type manufactured in Japan of special alloy steel. Highly durable, resistant to vibrations and pulsating pressure. Low air inclusion. Used in hydraulic installations in foundry equipment where sudden pressure fluctuations occur. Equipped with a safety locking pin preventing accidental disconnection. For one hand operation. A distinctive feature of the quick release coupling is the working pressure which does not depend on its size.

Socket and plug with female thread	size [inch]	female thread [inch]	coupling code	plug code
	1/4	1/4 BSPT	NK-350-2S	NK-350-2P
		3/8 BSPT	NK-350-3S	NK-350-3P
		3/8 BSP	NK-350-3S-3G	NK-350-3P-3G
	1/2	1/2 BSPT	NK-350-4S	NK-350-4P
		1/2 BSP	NK-350-4S-4G	NK-350-4P-4G
	3/4	3/4 BSPT	NK-350-6S	NK-350-6P
		3/4 BSP	NK-350-6S-6G	NK-350-6P-6G
	1	1 BSPT	NK-350-8S	NK-350-8P
		1 BSP	NK-350-8S-8G	NK-350-8P-8G
	1.1/2	1.1/4 BSPT	NK-350-10S	NK-350-10P
		1.1/2 BSPT	NK-350-12S	NK-350-12P

Operating parameters

size [inch]	working pressure [bar]	flow rate at $\Delta p = 3$ bar [l/min]
1/4	345	27
1/2	345	56
3/4	345	100
1	345	180
1.1/2	345	360

