

Quick connect coupling HI Cupla 20PH, 1/4", steel - Nitto Kohki 319866033

Item no. NKH-319866033

Manufacturer Nitto Kohki

The plug is the counterpart to the socket and is fitted to the tool or the hose. It carries no valve, so the medium left inside the plug escapes on disconnection. Flow always runs from the socket to the plug. Model 20PH, Port size 1/4", steel.

TECHNICAL DATA

Betriebsdruck max [bar] **15.000000**

Weight **0.05 kg**

Werkstoff **Stahl**



DESCRIPTION

On a factory air line the tool changes several times per shift, and the coupling has to release one-handed without venting the whole line. The Nitto Kohki HI Cupla works up to 1.5 MPa, and the shut-off valve inside the socket closes the supply the moment the connection is broken.

- Working pressure up to 1.5 MPa covers ordinary factory air, so a single range serves the whole shop line
- One-way shut-off valve built into the socket keeps the supply closed on disconnection, residual medium escapes at the plug
- Critical structural parts of the steel models are heat treated for higher strength and wear resistance
- NBR seal for -20 °C to +80 °C, FKM extends the range to +180 °C for hot media
- Body material follows the fluid: steel for air, brass and stainless steel also for water
- Sizes from 1/8 inch to 1 inch plus hose barbs for 1/4 inch to 1 inch hose

TECHNICAL DATA

Model	20PH
Coupling part	plug
Port size	1/4"
Body material	steel

Working pressure

1.5 MPa (15 bar)

Valve structure

One-way shut-off

Article number

319866033

APPLICATIONS

- Connecting pneumatic tools to the factory air supply
- Automatic woodworking assemblers with frequent tool changes
- Water lines using brass or stainless steel bodies
- Hose connections through the hose barb end for 1/4 inch to 1 inch hose
- Permanent threaded connections at the device with R, Rc or G threads

COMPATIBILITY

Sockets and plugs of sizes 10, 17, 20, 30 and 40 connect with each other regardless of end configuration, and so do sizes 400, 600 and 800, but the two groups cannot be connected across. The series is also interchangeable with Hi Cupla 200, Nut Cupla, Nut Cupla 200 and Line Cupla, and it is not intended for vacuum in either the connected or the disconnected state.

STANDARDS AND COMPLIANCE

End connections use R, Rc and G threads, sealing materials are nitrile rubber (NBR, marked SG) and fluoro rubber (FKM, marked X-100).