

Quick connect coupling Super Cupla 02SM, steel - Nitto Kohki 463121200

Item no. NKH-463121200

Manufacturer Nitto Kohki

The socket receives the plug and holds the automatic shut-off valve that closes the supply on disconnection. The sleeve outer diameter is 19.5 mm and the weight is 26 g to 57 g depending on the version. It belongs on the supply side of the air line. Model 02SM, steel, Seal material NBR.

TECHNICAL DATA

Betriebsdruck max [bar] **10.000000**

Weight **0.05 kg**

Werkstoff **Stahl**


DESCRIPTION

When the coupling hangs straight off the air tool, every gram is carried by the operator. The Nitto Kohki Super Cupla is built light for that job, with an aluminium body on part of the range, and works up to 1.0 MPa with a 19.5 mm sleeve diameter.

- Working pressure up to 1.0 MPa with a sleeve outer diameter of 19.5 mm, a plug weighs 12 g to 34.5 g depending on the version
- Lightweight design for direct mounting on power tools, part of the range uses an aluminium body
- One-hand connection by pushing the plug into the socket, the shut-off valve in the socket closes the supply on disconnection
- Free cross-section of 19 mm² on models 01SP and 02SP, which keeps the pressure drop in the tool supply low
- NBR seal (marked SG) for -20 °C to +80 °C on compressed air lines
- Sizes 1/8 inch and 1/4 inch plus a 1/4 inch hose barb and urethane hose ends for ø5 x ø8 mm and ø6.5 x ø10 mm

TECHNICAL DATA

Model	02SM
Coupling part	socket
Body material	steel

Seal material	NBR
Working pressure	1.0 MPa (10 bar)
Valve structure	One-way shut-off
Article number	463121200

APPLICATIONS

- Direct connection of pneumatic tools with frequent tool changes
- Shop air lines with 1/8 inch or 1/4 inch threaded ends
- Urethane hose $\varnothing 5 \times \varnothing 8$ mm and $\varnothing 6.5 \times \varnothing 10$ mm on the PN and SN end types
- Push-in connections to 6 mm or 8 mm OD plastic tube through the tube fitter versions
- Adapting to existing HI Cupla sockets by way of model 02S20P

COMPATIBILITY

Any socket and plug in the range connect with each other regardless of size and end configuration, and the range also mates with Mold Cupla models K01SP, K02SP and K03SP. Model 02S20P acts as a conversion to sockets of HI Cupla models 10, 17, 20, 30 and 40. The range is not suitable for vacuum in either the connected or the disconnected state.

STANDARDS AND COMPLIANCE

Threaded ends are 1/8 inch and 1/4 inch with maximum tightening torques of 7 Nm and 14 Nm, the body is chrome-plated steel or aluminium, the tube fitter version is nickel-plated brass, the sealing material is nitrile rubber (NBR, marked SG).