

Coupling pin: N1

Type N1 for torch side installation

The coupling pin N1:

- no mixing up by different coding of coupling pins
- prevents accidental disconnection
- All metal components in brass 2.0401

Safety elements of the IBEDA coupling pin N1:

coding of coupling pins



Maintenance:

Couplings are wearing parts and have to be tested by a qualified and authorised person (at least once a year). The tests have to be performed when the couplings are connected as well as disconnected.

Leakage tests are to be performed with inert gas or air (free from oil and grease) or the operating gas.

It is not allowed to open the quick-action couplings.

Modestilar gasPropanePropanePropanedioxide(N) Argon(N) HeliumWorking pressure:0,15 MPa 1,5 bar2,0 MPa 20 bar2,0 MPa 20 bar2,0 MPa 20 bar2,0 MPa 20 barAmbient temperature:-20°C up to +70°C-20°C up to +70°CThreads: EN 560 ISO / TR 28821G3/8LH M16x1,5LH UNF5/8-18LHG3/8RH M16x1,5RH UNF5/8-18RH	Technical Data:									
Working pressure: 1,5 bar 20 bar 20 bar 20 bar Ambient temperature: -20°C up to +70°C -20°C up to +70°C G1/4RH G3/8RH Threads: G3/8LH M16x1,5LH G3/8RH M16x1,5RH UNF9/16-18RH ISO / TR 28821 Miameter: Iength: VNF5/8-18RH VNF5/8-18RH Measure and weight: diameter: Iength: weight: weight:	Gas types:	Acetylene (A)	Hydrogen Industrial gas	(H) 5 (C)	(Methane)		Οχγ	gen (O)	Air Nitrogen Carbon dioxide Argon	(N) (N) (N)
temperature: -20°C up to +70°C Threads: G3/8LH G1/4RH EN 560 UNF9/16-18LH M16x1,5LH ISO / TR 28821 UNF5/8-18LH UNF9/16-18RH Measure and weight: diameter: length: weight: 21,0 mm 50,0 mm 39,0 g	Working pressure:									
Threads: G3/8LH G3/8LH EN 560 M16x1,5LH M16x1,5LH ISO / TR 28821 UNF9/16-18LH UNF9/16-18RH Measure and weight: diameter: length: weight: 21,0 mm 50,0 mm 39,0 g	Ambient temperature:	-20°C up to +70°C								
21,0 mm 50,0 mm 39,0 g	Threads: EN 560 ISO / TR 28821	M16x1,5LH UNF9/16-18LH					G3/8RH M16x1,5RH UNF9/16-18RH			
	Measure and weight:	diameter:			length:			weight:		
Compatible with:		21,0 mm			50,0 mm			39,0 g		

Hose coupling NKD, NKG and NKT

Other materials, surface finishing, gas types and additional connections available on request.

Certification/ Technical Standards/ Rules

TRBS German Technical rules for operation safety, DVS German Association for Welding, Cutting and Allied Processes, DGUV German Employer's liability insurance association rules and regulations.

Standards/ Approvals

Company certified according to ISO 9001:2015 and ISO 14001:2015, CE-marking according to: Pressure Equipment Directive 2014/68/EU

(Subject to change without notice)

IBEDA Sicherheitsgeräte und Gastechnik GmbH & Co. KG • Bahnhofstr. 27 • 53577 Neustadt (Wied) Tel. +49 (0)2683.306-0 • Fax +49 (0)2683.306-31 • <u>www.ibeda.com</u> • info@ibeda.de



