

## Coupling pin: D1

### Type D1 for torch side installation

The coupling pin D1 according to EN561, ISO 7289:

- no mixing up by different coding of coupling pins
- prevents accidental disconnection
- coupling pin in stainless steel
- swivel nut in brass 2.0401

### Safety elements of the IBEDA coupling pin D1:

- 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.

### Technical Data:

<b>Gas types:</b>	Acetylene (A)	Hydrogen (H) Industrial Gas (C)	Natural Gas (Methane) (M) Propane (P)	Oxygen (O)	Compressed Air (D) <sup>1</sup> Nitrogen <sup>2</sup> (N) Carbon dioxide <sup>2</sup> (N) Argon <sup>2</sup> (N) Helium <sup>2</sup> (N)
<b>Working pressure:</b>	0,15 MPa 1,5 bar	2,0 MPa 20 bar	2,0 MPa 20 bar	2,0 MPa 20 bar	2,0 MPa 20 bar
<b>Ambient temperature:</b>	-20°C up to +70°C				
<b>Threads:</b> EN 560 ISO / TR 28821	G3/8LH M16x1,5LH UNF9/16-18LH UNF5/8-18LH			G1/4RH G3/8RH M16x1,5RH UNF9/16-18RH UNF5/8-18RH	
<b>Measure and weight:</b>	diameter:	length:		weight:	
	21,0 mm	47,0 mm		42,0 g	
<b>Compatible with:</b>	Safety Devices with Hose Couplings DGNDK; DKST; DKSG				
	Coupling DKD, DKG, DKT				
	Coupling DKD-W, DKG-W, DKT-W				

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

The working pressures approved by the UL are different to what is stated above. Further information in this regard can be provided on request

<sup>2)</sup> These gas types are not covered by the BAM certification.

### Certification / Technical Standards / Rules

BAM Federal Institute for Materials Research and Testing, DGUV German Employer's liability insurance association rules and regulations, DVS German Association for Welding, Cutting and Allied Processes, TRBS German Technical rules for operation safety

### 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)