

# Overview of Quick Connect Couplings with

**Temp<sup>®</sup>  
Secure**  
by **LUDECKE**

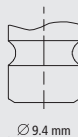
Series

**ESDM**  
DN 6

**ESDMT**  
DN 6

**ESDMF**  
DN 6

Plug profile  
(original size)



## Materials:

Body:  
Sleeve\*:  
Valve body:  
Valve:  
Springs, Retaining Ring:  
Balls:  
Seals:  
Special seals for other media on request:  
Plug:  
Max. Working Pressure:  
Temperature:  
Thread Types:  
Flow rate:  
Connection:  
Type of Valve:  
Operation:  
Page:

MS 58 plain  
MS 58 (plain/ nickel-plated)  
MS 58 plain  
MS 58 plain  
Stainless Steel 1.4310  
Stainless Steel 1.4034  
FKM  
EPDM, FFKM  
MS 58 (plain/ nickel-plated)  
PN 15 bar  
-20°C– +200°C\*\*  
ISO 228, DIN 13  
see chart p. 140  
straight/ 45°/ 90°  
single/ double/ straight-through  
One-Hand  
166

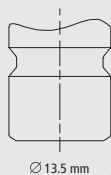
MS 58 plain  
Special Brass (plain/ nickel-plated)  
MS 58 plain  
MS 58 plain  
Stainless Steel 1.4310  
Stainless Steel 1.4034  
High-Performance FKM  
EPDM, FFKM  
MS 58 (plain/ nickel-plated)  
PN 15 bar  
-20°C– +220°C\*\*\*  
ISO 228, DIN 13  
see chart p. 140  
straight/ 45°/ 90°  
single/ double/ straight-through  
One-Hand  
170

MS 58 plain  
MS 58 (plain/ nickel-plated)  
MS 58 plain  
MS 58 plain  
Stainless Steel 1.4310  
Stainless Steel 1.4034  
FKM (flat sealing)  
-  
MS 58 (plain/ nickel-plated)  
PN 15 bar  
-20°C– +200°C\*\*  
ISO 228, DIN 13  
see chart p. 140  
straight/ 45°/ 90°  
single/ double/ straight-through  
Two-Hands  
171

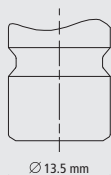
# International Plug Profiles



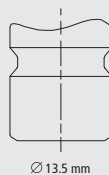
**ESD**  
DN 9



**ESDT**  
DN 9



**ESDF**  
DN 9



|                                  |
|----------------------------------|
| MS 58 plain                      |
| MS 58 (plain/ nickel-plated)     |
| MS 58 plain                      |
| MS 58 plain                      |
| Stainless Steel 1.4310           |
| Stainless Steel 1.4034           |
| FKM                              |
| EPDM, FFKM                       |
| MS 58 (plain/ nickel-plated)     |
| PN 15 bar                        |
| -20°C– +200°C**                  |
| ISO 228, DIN 13                  |
| see chart p. 140                 |
| straight/ 45°/ 90°               |
| single/ double/ straight-through |
| One-Hand                         |
| 175                              |

|                                      |
|--------------------------------------|
| MS 58 plain                          |
| Special Brass (plain/ nickel-plated) |
| MS 58 plain                          |
| MS 58 plain                          |
| Stainless Steel 1.4310               |
| Stainless Steel 1.4034               |
| High-Performance FKM                 |
| EPDM, FFKM                           |
| MS 58 (plain/ nickel-plated)         |
| PN 15 bar                            |
| -20°C– +220°C***                     |
| ISO 228, DIN 13                      |
| see chart p. 140                     |
| straight/ 45°/ 90°                   |
| single/ double/ straight-through     |
| One-Hand                             |
| 179                                  |

|                                  |
|----------------------------------|
| MS 58 plain                      |
| MS 58 (plain/ nickel-plated)     |
| MS 58 plain                      |
| MS 58 plain                      |
| Stainless Steel 1.4310           |
| Stainless Steel 1.4034           |
| FKM (flat sealing)               |
| -                                |
| MS 58 (plain/ nickel-plated)     |
| PN 15 bar                        |
| -20°C– +200°C**                  |
| ISO 228, DIN 13                  |
| see chart p. 140                 |
| straight/ 45°/ 90°               |
| single/ double/ straight-through |
| Two-Hands                        |
| 180                              |

\*Couplings with shut-off valve:  
brass plain, couplings with straight-  
through valve: brass nickel-plated

\*\*subject to media (oil: 200°C.,  
water: 150°C, air: 200°C)

\*\*\*subject to media (oil: 220°C,  
water: 180°C, air: 220°C)

Special Brass: high resistant special  
brass