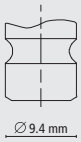
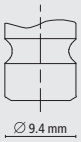
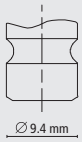
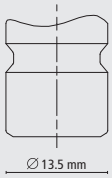
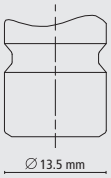
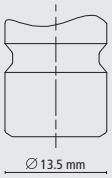
Overview of Quick Connect Couplings with

		Temp Secure by LUDECKE	
Series	**ESDM** **DN 6**	**ESDMT** **DN 6**	**ESDMF** **DN 6**
Plug profile (original size)			

Materials:			
Body:	MS 58 plain	MS 58 plain	MS 58 plain
Sleeve*:	MS 58 (plain/ nickel-plated)	Special Brass (plain/ nickel-plated)	MS 58 (plain/ nickel-plated)
Valve body:	MS 58 plain	MS 58 plain	MS 58 plain
Valve:	MS 58 plain	MS 58 plain	MS 58 plain
Springs, Retaining Ring:	Stainless Steel 1.4310	Stainless Steel 1.4310	Stainless Steel 1.4310
Balls:	Stainless Steel 1.4034	Stainless Steel 1.4034	Stainless Steel 1.4034
Seals:	FKM	High-Performance FKM	FKM (flat sealing)
Special seals for other media on request:	EPDM, FFKM	EPDM, FFKM	-
Plug:	MS 58 (plain/ nickel-plated)	MS 58 (plain/ nickel-plated)	MS 58 (plain/ nickel-plated)
Max. Working Pressure:	PN 15 bar	PN 15 bar	PN 15 bar
Temperature:	-20°C– +200°C**	-20°C– +220°C***	-20°C– +200°C**
Thread Types:	ISO 228, DIN 13	ISO 228, DIN 13	ISO 228, DIN 13
Flow rate:	see chart p. 140	see chart p. 140	see chart p. 140
Connection:	straight/ 45°/ 90°	straight/ 45°/ 90°	straight/ 45°/ 90°
Type of Valve:	single/ double/ straight-through	single/ double/ straight-through	single/ double/ straight-through
Operation:	One-Hand	One-Hand	Two-Hands
Page:	166	170	171

International Plug Profiles

Temp Secure by LUDECKE

ESD	ESDT	ESDF
DN 9	DN 9	DN 9
		
MS 58 plain	MS 58 plain	MS 58 plain
MS 58 (plain/ nickel-plated)	Special Brass (plain/ nickel-plated)	MS 58 (plain/ nickel-plated)
MS 58 plain	MS 58 plain	MS 58 plain
MS 58 plain	MS 58 plain	MS 58 plain
Stainless Steel 1.4310	Stainless Steel 1.4310	Stainless Steel 1.4310
Stainless Steel 1.4034	Stainless Steel 1.4034	Stainless Steel 1.4034
FKM	High-Performance FKM	FKM (flat sealing)
EPDM, FFKM	EPDM, FFKM	-
MS 58 (plain/ nickel-plated)	MS 58 (plain/ nickel-plated)	MS 58 (plain/ nickel-plated)
PN 15 bar	PN 15 bar	PN 15 bar
-20°C– +200°C**	-20°C– +220°C***	-20°C– +200°C**
ISO 228, DIN 13	ISO 228, DIN 13	ISO 228, DIN 13
see chart p. 140	see chart p. 140	see chart p. 140
straight/ 45°/ 90°	straight/ 45°/ 90°	straight/ 45°/ 90°
single/ double/ straight-through	single/ double/ straight-through	single/ double/ straight-through
One-Hand	One-Hand	Two-Hands
175	179	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