

Temperature Range - Temperaturbereich

Nitrile (N)	-20°C+100°C (-4°F+212°F)
FPM (V)	-20°C+180°C (-4°F+356°F)
EPDM (Ethylene Proylene)	-40°C+150°C (-40°F+302°F)
PTFE (T)	-20°C+270°C (-4°F+518°F)
FFKM (W)	-20°C+325°C (-4°F+617°F)

Flow Capacity - Nennweite

T107.03	3 mm
T107.06	6 mm
T107.08	8 mm
T107.11	11 mm
T107.19	19 mm

Standard Types Material

Socket body: AISI 303 stainless steel
others are mostly %17 choremium steel
Socket back adaptor, Steel Zink Plated

A Types Material

Socket body: AISI 303 stainless steel
Socket back adaptor: AISI 303 stainless steel
Plug body and push button high resistance stainless steel
Others parts mainly AISI 316L stainless steel

E1 - D1 Types Material

Socket body: AISI 303 stainless steel
Socket back adaptor: AISI 303 stainless steel
Others parts mainly AISI 316L stainless steel
Plug body and push button high resistance stainless steel

C Types Material

Socket body: AISI 316L stainless steel
Plug body and push button high resistance stainless steel

B Types Material

AISI 316L stainless steel

Z Types Vacuum

Vacuum tightness 1.10^{-3} cm³/s
in connected and disconnected position

Standardtypen Material

Kupplung Grundkörper aus Edelstahl AISI 303
andere sind meist %17 Chromsthal
Kupplung Hinterteil: Sthal verzinkt

A Typen Material

Kupplung Grundkörper: AISI 303 Edelstahl
Kupplung Hinterteil: AISI 303 Edelstahl
NippelGrundkörper und Druckbolzen aus
winderstandsfähigen Edelstahl

E1 - D1 Typen Material

Kupplung Grundkörper: AISI 303 Edelstahl
Kupplung Hinterteil: AISI 303 Edelstahl
Andere Teile hauptsächlich aus Edelstahl AISI 316L
NippelGrundkörper und Druckbolzen aus
winderstandsfähigen Edelstahl

C Typen Material

Kupplung Grundkörper: AISI 303 Edelstahl
NippelGrundkörper und Druckbolzen aus
winderstandsfähigen Edelstahl

B Typen Material

Edelsthal AISI 316L

Z Typen Vakuum

Vakuumdichtigkeit 1.10^{-3} cm³/s
in Verbindung und Trennstellung.

T107 Series



Temperature Range - Temperaturbereich
Nitrile (N) -20°C + 100°C (-4°F + 212°F)

Max. Working Pressure - Max. Betriebsdruck
T107.0612 bar (175 PSI)
T107.0816 bar (232 PSI)
T107.1116 bar (232 PSI)

Flow Capacity - Nennweite
T107.08 8 mm
T107.11 11 mm
T107.19 19 mm

Technical Specifications

- The system perfectly fits to the ISO 4414, EN 983 safety requirements.
- Plug profile perfectly fits to the ISO 6150-C-10 AFNOR C-10 NF E 49-053
- 2 stage disconnection safety feature
- Optimised Size
- Coupling and plug, the system, is anti-corrosive.

Technische Spezifikationen

- Sicherheit gemäß ISO 4414, EN 983
- Stecknippel gemäß ISO 6150-C-10 AFNOR C-10 NF E 49-053
- 2 stufen Sicherheitsentriegelung
- Kompakte Bauform
- Kupplung und Nippel, sind korrosionsbeständig.

Material - Material

Coupler Body -

Kupplungsgrundkörper : Stainless Steel - Edelstahl

Back part - Hinterteil : Zinc plated steel - Stahl verzinkt

Push Button -

Knopf Drücken : AISI 420 hardened stainless steel - Gehärtete, rostfreie Edelstahl

Valve - Ventil : Brass - Messing

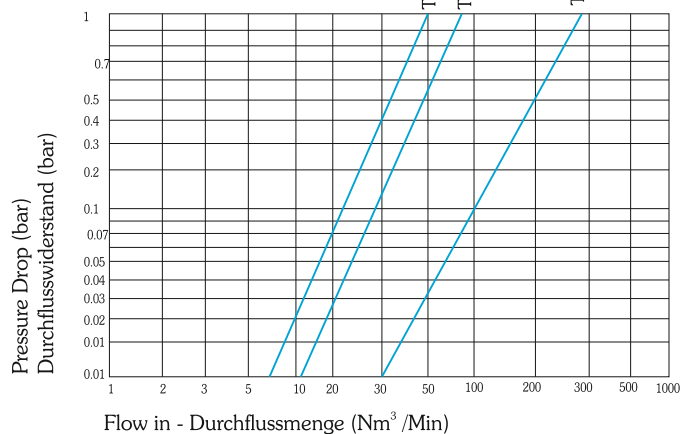
Springs - Federn : Stainless Steel - Edelstahl

Balls - Kugeln : Stainless Steel - Edelstahl

Seals - Dichtungen : Nitrile (N)

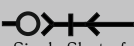
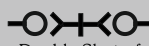
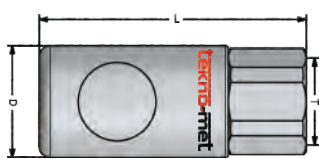
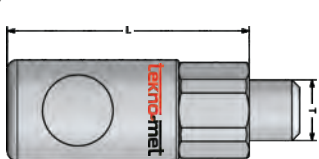
Plug - Nippel : AISI 420 hardened stainless steel - Gehärtete, rostfreie Edelstahl

Flow Rate vs Pressure Drop Graph
Durchflussrate vs Druckabfall



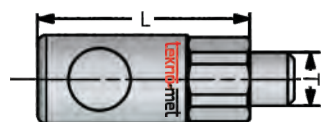
T107 Series



Couplings and Plugs Kupplungen und Nippel		Nominal Dia NW	Connection Anschlüsse T	 Single Shut-of	 Double Shut-of Beidseitig absperbar	 Full Flow voller fluss	d mm	L mm
				Order No / Bestell Nr.	Order No / Bestell Nr.	Order No / Bestell Nr.		
 Couplings Male Thread Kupplungen mit Außengewinde	03	1/8" BSP	T107.03 DG 10	T107.03 DGB 10	T107.03 DGF 10	16	43.5	
		1/8" BSPT*	T107.03 QG 10	T107.03 QGB 10	T107.03 QGF 10	16	43	
		1/8" NPT	T107.03 NG 13	T107.03 NGB 13	T107.03 NGF 13	16	43	
		7/16"-20UN	T107.03 UG 13	T107.03 UGB 13	T107.03 UGF 13	16	43	
	06	1/8" BSP	T107.06 DG 10	T107.06 DGB 10	T107.06 DGF 10	26	49.5	
		1/8" NPT	T107.06 NG 10	T107.06 NGB 10	T107.06 NGF 10	26	47.5	
		1/4" BSP	T107.06 DG 13	T107.06 DGB 13	T107.06 DGF 13	26	52.5	
		1/4" BSPT*	T107.06 QG 13	T107.06 QGB 13	T107.06 QGF 13	26	60.5	
		1/4" NPT	T107.06 NG 13	T107.06 NGB 13	T107.06 NGF 13	26	51.5	
		3/8" BSP	T107.06 DG 17	T107.06 DGB 17	T107.06 DGF 17	26	60.5	
		3/8" NPT	T107.06 NG 17	T107.06 NGB 17	T107.06 NGF 17	26	60.5	
		1/2" BSP	T107.06 DG 21	T107.06 DGB 21	T107.06 DGF 21	26	63.5	
1/2" NPT		T107.06 NG 21	T107.06 NGB 21	T107.06 NGF 21	26	63.5		
9/16"-16UN		T107.06 UG 14	T107.06 UGB 14	T107.06 UGF 14	26	64		
08	1/4" BSP	T107.08 DG 13	T107.08 DGB 13	T107.08 DGF 13	32	65		
	1/4" NPT	T107.08 NG 13	T107.08 NGB 13	T107.08 NGF 13	32	64		
	3/8" BSP	T107.08 DG 17	T107.08 DGB 17	T107.08 DGF 17	32	65		
	3/8" BSPT*	T107.08 QG 17	T107.08 QGB 17	T107.08 QGF 17	32	70		
	3/8" NPT	T107.08 NG 17	T107.08 NGB 17	T107.08 NGF 17	32	64		
	1/2" BSP	T107.08 DG 21	T107.08 DGB 21	T107.08 DGF 21	32	74		
	1/2" NPT	T107.08 NG 21	T107.08 NGB 21	T107.08 NGF 21	32	74		
	3/4"-16UN	T107.08 UG 19	T107.08 UGB 19	T107.08 UGF 19	32	74		
	11	3/8" BSP	T107.11 DG 17	T107.11 DGB 17	T107.11 DGF 17	38	76	
		3/8" NPT	T107.11 NG 17	T107.11 NGB 17	T107.11 NGF 17	38	74	
1/2" BSP		T107.11 DG 21	T107.11 DGB 21	T107.11 DGF 21	38	78		
1/2" BSPT*		T107.11 QG 21	T107.11 QGB 21	T107.11 QGF 21	38	78		
1/2" NPT		T107.11 NG 21	T107.11 NGB 21	T107.11 NGF 21	38	78		
3/4" BSP		T107.11 DG 26	T107.11 DGB 26	T107.11 DGF 26	38	86		
3/4" NPT		T107.11 NG 26	T107.11 NGB 26	T107.11 NGF 26	38	80		
7/8"-14UN		T107.11 UG 22	T107.11 UGB 22	T107.11 UGF 22	38	86		
19		3/4" BSP	T107.19 DG 26	T107.19 DGB 26	T107.19 DGF 26	55	115	
		3/4" BSPT*	T107.19 QG 26	T107.19 QGB 26	T107.19 QGF 26	55	112.5	
	3/4" NPT	T107.19 NG 26	T107.19 NGB 26	T107.19 NGF 26	55	110.5		
	1" BSP	T107.19 DG 33	T107.19 DGB 33	T107.19 DGF 33	55	115		
	1" NPT	T107.19 NG 33	T107.19 NGB 33	T107.19 NGF 33	55	115		
	1 5/16"-12UN	T107.19 UG 33	T107.19 UGB 33	T107.19 UGF 33	55	115		
	 Female Thread Couplings Kupplungen mit Innengewinde	03	1/8" BSP	T107.03 EG 10	T107.03 EGB 10	T107.03 EGF 10	34	
1/8" NPT			T107.03 TG 10	T107.03 TGB 10	T107.03 TGF 10	34		
1/4" BSP			T107.03 EG 13	T107.03 EGB 13	T107.03 EGF 13	34		
1/4" NPT			T107.03 TG 13	T107.03 TGB 13	T107.03 TGF 13	34		
06		1/8" BSP	T107.06 EG 10	T107.06 EGB 10	T107.06 EGF 10	34		
		1/8" NPT	T107.06 TG 10	T107.06 TGB 10	T107.06 TGF 10	34		
		1/4" BSP	T107.06 EG 13	T107.06 EGB 13	T107.06 EGF 13	34		
		1/4" NPT	T107.06 TG 13	T107.06 TGB 13	T107.06 TGF 13	34		
		3/4" BSP	T107.06 EG 17	T107.06 EGB 17	T107.06 EGF 17	34		
		1/2" BSP	T107.06 EG 21	T107.06 EGB 21	T107.06 EGF 21	34		

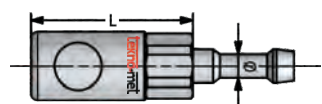


Couplings and Plugs Kupplungen und Nippel	Nominal Dia NW	Connection Anschlüsse T	 Single Shut-off	 Double Shut-off Beidseitig absperrrbar	 Full Flow voller fluss	L mm
			Order No / Bestell Nr.	Order No / Bestell Nr.	Order No / Bestell Nr.	



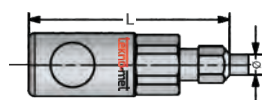
Male Thread Couplings
Kupplungen mit Außengewinde

08	1/4" BSP	T107.08 EG 13	T107.08 EGB 13	T107.08 EGF 13	61
	1/4" NPT	T107.08 TG 13	T107.08 TGB 13	T107.08 TGF 13	61
	3/8" BSP	T107.08 EG 17	T107.08 EGB 17	T107.08 EGF 17	61
	3/8" NPT	T107.08 TG 17	T107.08 TGB 17	T107.08 TGF 17	61
	1/2" BSP	T107.08 EG 21	T107.08 EGB 21	T107.08 EGF 21	61
11	3/8" BSP	T107.11 EG 17	T107.11 EGB 17	T107.11 EGF 17	72
	3/8" NPT	T107.11 TG 17	T107.11 TGB 17	T107.11 TGF 17	72
	1/2" BSP	T107.11 EG 21	T107.11 EGB 21	T107.11 EGF 21	72
	1/2" NPT	T107.11 TG 21	T107.11 TGB 21	T107.11 TGF 21	72
	3/4" BSP	T107.11 EG 26	T107.11 EGB 26	T107.11 EGF 26	72
19	3/4" NPT	T107.11 TG 26	T107.11 TGB 26	T107.11 TGF 26	72
	3/4" BSP	T107.19 EG 26	T107.19 EGB 26	T107.19 EGF 26	103
	3/4" NPT	T107.19 TG 26	T107.19 TGB 26	T107.19 TGF 26	103
	1" BSP	T107.19 EG 33	T107.19 EGB 33	T107.19 EGF 33	103
	1" NPT	T107.19 TG 33	T107.19 TGB 33	T107.19 TGF 33	103



Couplings for Rubber Hose
Kupplungen für Gummischlauch

03	Ø 4 mm	T107.03 HG 03	T107.03 HGB 03	T107.03 HGF 03	34
	Ø 6 mm	T107.03 HG 03	T107.03 HGB 03	T107.03 HGF 03	34
06	Ø 6 mm	T107.06 HG 06	T107.06 HGB 06	T107.06 HGF 06	49
	Ø 8 mm	T107.06 HG 08	T107.06 HGB 08	T107.06 HGF 08	49
	Ø 10 mm	T107.06 HG 10	T107.06 HGB 10	T107.06 HGF 10	49
	Ø 13 mm	T107.06 HG 13	T107.06 HGB 13	T107.06 HGF 13	49
08	Ø 8 mm	T107.08 HG 08	T107.08 HGB 08	T107.08 HGF 08	58
	Ø 10 mm	T107.08 HG 10	T107.08 HGB 10	T107.08 HGF 10	58
	Ø 13 mm	T107.08 HG 13	T107.08 HGB 13	T107.08 HGF 13	58
	Ø 16 mm	T107.08 HG 16	T107.08 HGB 16	T107.08 HGF 16	58
11	Ø 8 mm	T107.11 HG 08	T107.11 HGB 08	T107.11 HGF 08	85
	Ø 10 mm	T107.11 HG 10	T107.11 HGB 10	T107.11 HGF 10	85
	Ø 13 mm	T107.11 HG 13	T107.11 HGB 13	T107.11 HGF 13	85
	Ø 16 mm	T107.11 HG 19	T107.11 HGB 19	T107.11 HGF 19	85
19	Ø 19 mm	T107.11 TG 19	T107.11 TGB 19	T107.11 TGF 19	85
	Ø 19 mm	T107.19 HG 19	T107.19 HGB 19	T107.19 HGF 19	126
	Ø 25 mm	T107.19 TG 25	T107.19 TGB 25	T107.19 TGF 25	126

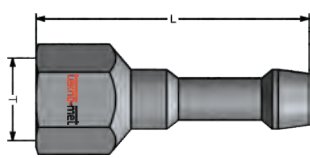
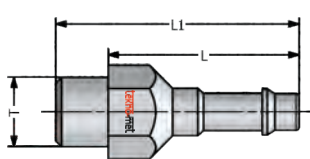


Couplings for Plastic Tube
Kupplungen für Kunststoffrohr

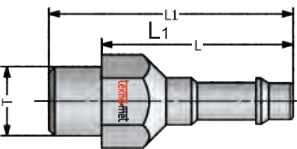
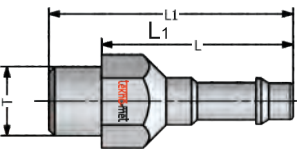
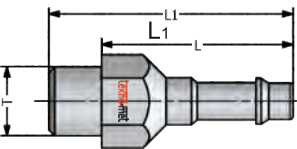
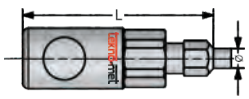
03	Ø 4x6 mm	T107.03 PG 04	T107.03 PGB 04	T107.03 PGF 04	48.5
	Ø 6x8 mm	T107.03 PG 06	T107.03 PGB 06	T107.03 PGF 06	48.5
06	Ø 6x8 mm	T107.06 PG 06	T107.06 PGB 06	T107.06 PGF 06	74.5
	Ø 8x10 mm	T107.06 PG 08	T107.06 PGB 08	T107.06 PGF 08	74.5
08	Ø 8x10 mm	T107.08 PG 08	T107.08 PGB 08	T107.08 PGF 08	88
	Ø 10x12 mm	T107.08 PG 10	T107.08 PGB 10	T107.08 PGF 10	88

T107 Series



Couplings and Plugs Kupplungen und Nippel	Nominal Dia NW	Connection Anschlüsse T	 Full Flow / voller fluss Order No / Bestell Nr.	L mm	L ₁ mm
 Female Thread Plugs Nippel mit Innengewinde	03	1/8" BSP	T107.03 DU 10	36	
		1/8" BSPT*	T107.03 QU 10	36	
		1/8" NPT	T107.03 NU 10	36	
		1/4" BSP	T107.03 DU 13	37	
	06	1/8" BSP	T107.06 DU 10	44	
		1/8" NPT	T107.06 NU 10	44	
		1/4" BSP	T107.06 DU 13	50	
		1/4" BSPT*	T107.06 QU 13	50	
		1/4" NPT	T107.06 NU 13	44	
		3/8" BSP	T107.06 DU 17	52	
		3/8" NPT	T107.06 NU 17	51	
		1/2" BSP	T107.06 DU 21	54	
		1/2" NPT	T107.06 NU 21	54	
		M14x1.25	T107.06 DU 14	60	
		9/16"-20UN	T107.06 UU 14	52	
	08	1/8" BSP	T107.08 DU 10	50	
		1/4" BSP	T107.08 DU 13	55	
		1/4" NPT	T107.08 NU 13	55	
		3/8" BSP	T107.08 DU 17	55	
		3/8" BSPT*	T107.08 QU 17	55	
		3/8" NPT	T107.08 NU 17	55	
		1/2" BSP	T107.08 DU 21	59	
		1/2" NPT	T107.08 NU 21	59	
	11	1/4" BSP	T107.11 DU 13	61	
		3/8" BSP	T107.11 DU 17	61	
		3/8" NPT	T107.11 NU 17	61	
		1/2" BSP	T107.11 DU 21	65	
		1/2" BSPT*	T107.11 QU 21	65	
		1/2" NPT	T107.11 NU 21	65	
		3/4" BSP	T107.11 DU 26	65	
		3/4" NPT	T107.11 NU 26	65	
	19	3/4" BSP	T107.19 DU 26	89	
		3/4" BSPT*	T107.19 QU 26	87	
		3/4" NPT	T107.19 NU 26	87	
		1" BSP	T107.19 DU 33	107	
		1" NPT	T107.19 NU 33	94	
 Male Thread Plugs Nippel mit Außengewinde	03	1/8" BSP	T107.03 EU 10	29	37
		1/8" BSPT*	T107.03 RU 10	29	37
		1/8" NPT	T107.03 TU 10	29	37
		1/4" BSP	T107.03 EU 13	29	40
		1/4" BSPT*	T107.03 RU 13	31	40
		1/4" NPT	T107.03 TU 13	31	40
	06	1/8" BSP	T107.06 EU 10	36	44
		1/8" BSPT*	T107.06 RU 10	36.5	47
		1/8" NPT	T107.06 TU 10	36.5	47
		1/4" BSP	T107.06 EU 13	37	48
		1/4" BSPT*	T107.06 RU 13	35.5	52
		1/4" NPT	T107.06 TU 13	35.5	52
		3/8" BSP	T107.06 EU 17	40	50
		3/8" BSPT*	T107.06 RU 17	37.5	53
		3/8" NPT	T107.06 TU 17	38	53
		1/2" BSP	T107.06 EU 21	42	53
		M14x1.25	T107.06 EU 14	40.5	47
		9/16-20UN	T107.06 UU 14	37	48



Couplings and Plugs Kupplungen und Nippel	Nominal Dia NW	Connection Anschlüsse T	 Full Flow / voller fluss Order No / Bestell Nr.	L mm	L ₁ mm		
 Male Thread Plugs Nippel mit Außengewinde	08	1/8" BSP	T107.08 EU 10	45	53		
		1/8" BSPT*	T107.08 RU 10	45	53		
		1/4" BSP	T107.08 EU 13	44	55		
		1/4" BSPT*	T107.08 RU 13	43.5	55		
		1/4" NPT	T107.08 TU 13	44	56		
		3/8" BSP	T107.08 EU 17	44	55		
		3/8" BSPT*	T107.08 RU 17	43.5	56		
		3/8" NPT	T107.08 TU 17	44	57		
		1/2" BSP	T107.08 EU 21	46	60		
		1/2" BSPT*	T107.08 RU 21	47	64		
		1/2" NPT	T107.08 TU 21	46.5	65		
 Male Thread Plugs Nippel mit Außengewinde	11	1/4" BSP	T107.11 EU 10	53	65		
		3/8" BSPT*	T107.11 RU 10	53	66		
		3/8" NPT	T107.11 TU 13	53	67		
		1/2" BSP	T107.11 EU 13	53	68		
		1/2" BSPT*	T107.11 RU 13	53	70		
		1/2" NPT	T107.11 TU 17	53	71		
		3/4" BSP	T107.11 EU 17	53	70		
		1/2" BSPT*	T107.11 RU 17	53	70		
		3/4" NPT	T107.11 TU 21	53	72		
 Male Thread Plugs Nippel mit Außengewinde	19	3/4" BSP	T107.19 EU 10	75	91		
		3/4" BSPT*	T107.19 RU 10	75	94		
		3/4" NPT	T107.19 TU 13	75	96		
		1" BSP	T107.19 EU 13	75	99		
		1" BSPT*	T107.19 RU 13	75	99		
		1" NPT	T107.19 TU 17	75	99		
 Standard Hose Barb Plugs Nippel mit Schlauchtülle	03	Ø 4 mm	T107.03 HU 04		25		
		Ø 6 mm	T107.03 HU 06		25		
	06	Ø 4 mm	T107.06 HU 04		34		
		Ø 6 mm	T107.06 HU 06		34		
		Ø 8 mm	T107.06 HU 08		34		
		Ø 10 mm	T107.06 HU 10		34		
		Ø 13 mm	T107.06 HU 13		34		
	08	Ø 6 mm	T107.08 HU 06		42		
		Ø 8 mm	T107.08 HU 08		42		
		Ø 10 mm	T107.08 HU 10		42		
Ø 13 mm		T107.08 HU 13		42			
Ø 16 mm		T107.08 HU 16		42			
11	Ø 6 mm	T107.11 HU 06		45			
	Ø 8 mm	T107.11 HU 08		45			
	Ø 10 mm	T107.11 HU 10		45			
	Ø 13 mm	T107.11 HU 13		45			
	Ø 16 mm	T107.11 HU 16		45			
	Ø 19 mm	T107.11 HU 19		45			
19	Ø 19 mm	T107.19 HU 19		67			
	Ø 25 mm	T107.19 HU 25		67			
Couplings and Plugs Kupplungen und Nippel	Order No / Bestellnr.	D	D ₁	D ₂	D ₃	L mm	L ₁ mm
 Couplings for Plastic Tube Kupplungen für Kunststoffrohr	T108 HG 13F	13	9.5	22	37	85	25

