

T100 Series

T100.08B

With Valve / mit Ventil



Serie :T100.08B = 8.3 mm

T100.12B

With Valve / mit Ventil



Serie :T100.12B = 13 mm

The Tekno-met 100 is quick to operate, reliable and designed for one hand operations.

Die Schnellkupplungen der Serie 100 sind schnell und einfach zu kuppeln.

Please add
B - for Blue
R - for Red at the end of the order number for identification of the right colour.



Using Area :

- On mould temperature control connections lines of plastic, zamak, and aluminium injection press.
- On hot oil lines connection
- On hot, cold or chilled water circuits.

These new couplers (with valve) have been designed according to industrial requirements and patented for Tekno-met. This new product works perfectly with full flow nipples and valved nipples. You will be able to have clean working area by the help of this coupling and its valve system.

As we have described below connection variety permits great flexible working conditions.

Coupling with valve / Full flow nipple
Coupling with valve / Nipple with valve
Full flow coupling / Nipple with valve
Full flow coupling / Full flow nipple

Coloured Ring for coupling in this new system you can easily recognise the fluid is hot or cold. Furthermore; before the connection you can quickly select, which one is having hot or cold fluid inside. This excellent system avoids perfectly the wrong connection possibility in the plant.

Nutzungsbereich :

- Thermische Regulierung von Spritzgussformen für Kunststoff, Zinkdruckguß sowie Aluminiumformen
- Wasseranschlüsse für Heissölleitungen
- Warme oder kalte Wasserkreisläufe

Diese neuen Kupplungen sind entsprechend industriellen Erfordernissen gestaltet und für Tekno-met patentiert worden.

Dieses neue Produkt arbeitet perfekt mit oder ohne Ventil. Sie werden in der Lage sein, sauberen aktiven Bereich mit der Hilfe von diesen Kupplungen und dem neuen Ventilsystem zu haben.

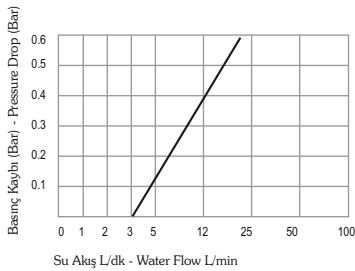
Wie wir unterhalb beschrieben haben, Verbindungsvielfalt erlaubt grosse, flexible Arbeitsbedingungen.

Kupplung mit Ventil / Nippel ohne Ventil
Kupplung mit Ventil / Nippel mit Ventil
Kupplung ohne Ventil / Nippel ohne Ventil
Kupplung mit Ventil / Nippel mit Ventil

Heiz und Kühlkreisläufe können schnell und einfach durchrote oder blaue Kragen gekennzeichnet werden. (Der Kragen kann direkt an die Kupplungen oder die Verlängerungen angebracht werden)



T100.06



NW : 6
Max. Pressure / Betriebsdruck (Bar) : 10
Working Tem. / Temperaturbereich : -15 / + 100 °C



Serie T100 is quick to operate, reliable and designed for one hand operations.

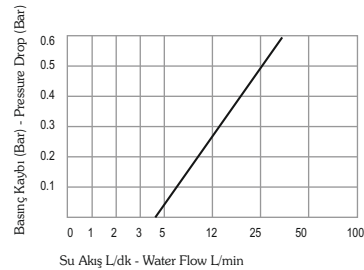
According to internal diameter there are 3 different sizes of serie T100 couplers.

Die Schnellkupplungen der Serie 100 sind schnell und einfach zu koppeln.

Sie sind für Einhandbetrieb entwickelt
Es sind 3 Nennweiten erhältlich:

Serie :T100.06 = 6 mm
Serie :T100.08 = 8.3 mm
Serie :T100.12 = 13 mm

T100.08



NW : 8.3
Max. Pressure / Betriebsdruck (Bar) : 10
Working Tem. / Temperaturbereich : -15 / + 100 °C



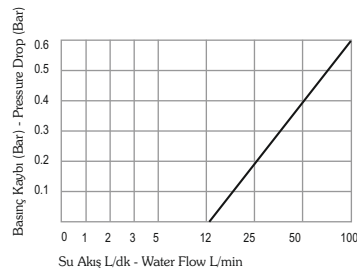
Using Area :

- On mould temperature control connections lines of plastic, zamak, and aluminium injection press.
- On hot oil lines connection
- On hot, cold or chilled water circuits.

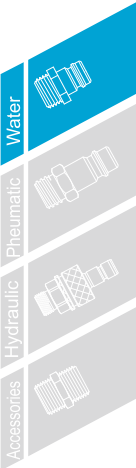
Nutzungsbereich :

- Thermische Regulierung von Spritzgussformen für Kunststoff, Zinkdruckguß sowie Aluminiumformen
- Wasseranschlüsse für Heissöleleitungen
- Warme oder kalte Wasserkreisläufe

T100.12



NW : 13
Max. Pressure / Betriebsdruck (Bar) : 10
Working Tem. / Temperaturbereich : -15 / + 100 °C



T100-06 Series



Interchangeability-Kompatibilität

Temperature Range-Temperaturbereich
-20°C +100°C (-40°F +250°F)

Working Pressure / Betriebsdruck
0 - 10 bar (0 - 160 PSI)

Flow capacity - Größen
NW : 6

Standard version - Standardversion

Brass - Messing

NBR Nitrile (Ni)

Nickel plated - Vernickelt

Locking balls 6 units - 6 Stück Kugeln

Options - Optionen

V - FPM Seal - FPM Dichtung

E - EPDM Seal - EPDM Dichtung

Material - Material

Coupler Body -

Kupplungsgrundkörper : Brass Nickel Plated -
Messing Vernickelt

Sleeve - Hülse : Brass Nickel Plated -
Messing Vernickelt

Springs - Federn : Stainless Steel - Edelstahl

Locking O-Ring - Sprengling : Stainless Steel - Edelstahl

Balls - Kugeln : Stainless Steel - Edelstahl

Seals - Dichtungen : NBR Nitrile (Ni)

Plug - Nippel : Brass Nickel Plated -

Messing Vernickelt

For optional orders please add the symbol
of your option end of the order no.

Für optionale Bestellungen das

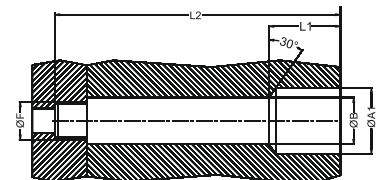
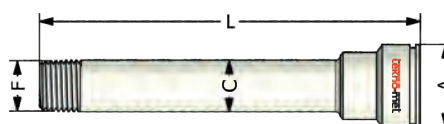
Kennbuchstabe und Bestell-Nr bitte.
hinzufügen (Beispiel: T100.06.HG06V)

Couplers and Plugs Kupplung und Nippel	Ø Connection / Anschlüsse	Order No - Bestell Nr.	Assembling Sizes / Dimension für die Montage	
			A	B
 Straight Coupling Gerade Kupplung	Ø 6 mm	1/4" T100.06 HG 06	17	32.5
	Ø 8 mm	5/16" T100.06 HG 08	17	32.5
 Straight Coupling for flex locking Kupplungen ohne Schlauchklemmen	Ø 6 mm	1/4" T100.06 FG 06	17	32.5
	Ø 8 mm	5/16" T100.06 FG 08	17	32.5

Couplers and Plugs Kupplung und Nippel	Ø Connection Anschlüsse	Order No - Bestellnr. Without Collar / Ohne Ring	Assembling Sizes / Dimension für die Montage					Allen SW
			A	B	C	D	E	
 Male Threaded Plug Nippel mit Außengewinde	BSPT 1/8"	T100.06 RU10	17	18.5	10	14	28.5	6
	BSPT 1/4"	T100.06 RU13	17	18.5	12	14	30.5	6
	NPT 1/8"	T100.06 TU10	17	18.5	10	14	28.5	1/4"
	NPT 1/4"	T100.06 TU13	17	18.5	12	14	30.5	1/4"
	M10x1	T100.06 EUM10-1	17	18.5	10	14	28.5	6

Extension (conical threaded version BSPT-NPT)

Verlängerungsnippel (Konisches Gewinde BSPT-NPT)



Serie	F Thread Gewinde	L min./max.	Order No - Bestell Nr. Without Collar / Ohne Ring	Assembling Sizes / Dimension für die Montage						Allen SW	Torque (m.daN)
				L1	L2	ØA	ØA1	ØB	ØC		
100.06	R1/8"	33/100	T100-06-100-R10	20	L-5.5	17	18.5	11	10.2	6	1
100.06	NPT1/8"	33/100	T100-06-100-T10	20	L-5.5	17	18.5	11	10.2	1/4"	1
100.06	M10x1	33/100	T100-06-100-M10	20	L-5.5	17	18.5	11	10.2	6	1



20% High Flow



Interchangeability-Kompatibilität

Temperature Range-Temperaturbereich
-20°C +100°C (-40°F +250°F)

Working Pressure / Betriebsdruck
0 - 10 bar (0 - 160 PSI)

Flow capacity - Größen
NW : 8.3

Standard version - Standardversion
Brass - Messing
NBR Nitrile (Ni)
Nickel plated - Vernickelt
Locking balls 9 units -9 Kugeln

Options - Optionen

B - Blue - Blau

R - Red - Rot

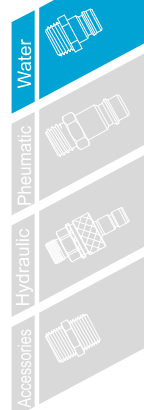
V - FPM Seal - FPM Dichtung

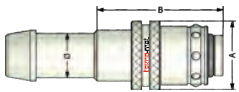
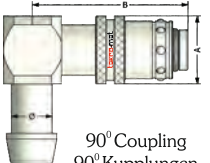
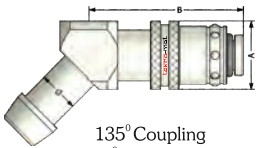
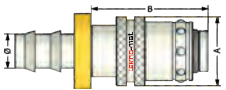
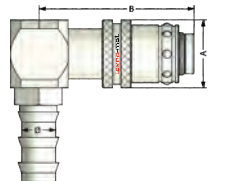
E - EPDM Seal - EPDM Dichtung

Material - Material

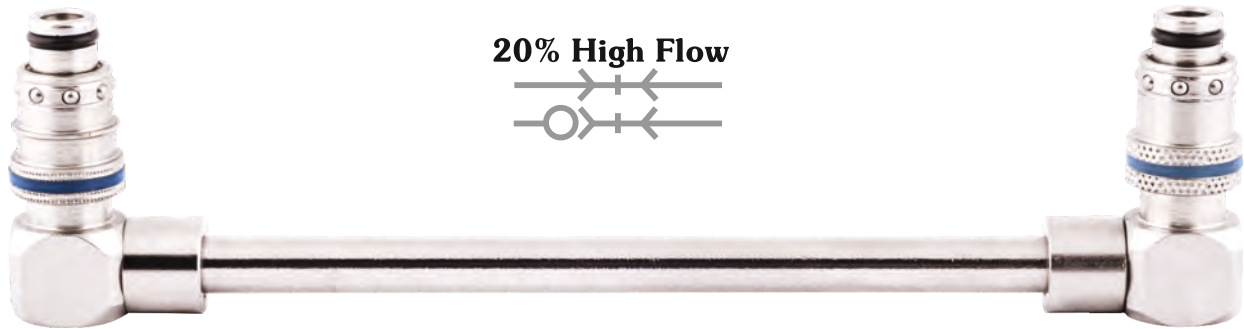
Coupler Body -
Kupplungsgrundkörper : Brass Nickel Plated -
Messing Vernickelt
Sleeve - Hülse : Brass Nickel Plated -
Messing Vernickelt
Springs - Federn : Stainless Steel - Edelstahl
Locking O-Ring -
Sprengring : Stainless Steel - Edelstahl
Balls - Kugeln : NBR Nitrile (Ni)
Seals - Dichtungen : NBR Nitrile (Ni)
Plug - Nippel : Brass Nickel Plated -
Messing Vernickelt

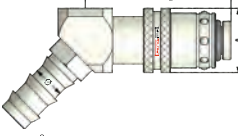
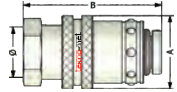
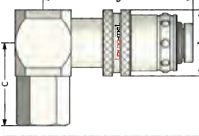
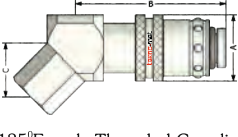
For optional orders please add the symbol
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Für optionale Bestellungen das
Kennbuchstabe und Bestell-Nr bitte.
hinzufügen (Beispiel: T100.08.HG08V)



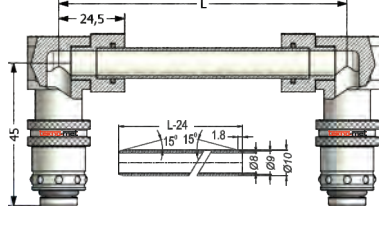
Couplers Kupplungen	Ø Connection / Anschlüsse	Order No - Bestell Nr.	Assembling Sizes / Dimension für die Montage		
			A	B	C
 Straight Coupling Gerade Kupplungen	Ø 6 mm	1/4"	T100.08 HG 06	20	37.5
	Ø 8 mm	5/16"	T100.08 HG 08	20	37.5
	Ø 10 mm	3/8"	T100.08 HG 10	20	37.5
	Ø 12 mm	15/32"	T100.08 HG 12	20	37.5
	Ø 13 mm	1/2"	T100.08 HG 13	20	37.5
 90° Coupling 90° Kupplungen	Ø 6 mm	1/4"	T100.08 HG 06-90°	20	45.5
	Ø 8 mm	5/16"	T100.08 HG 08-90°	20	45.5
	Ø 10 mm	3/8"	T100.08 HG 10-90°	20	45.5
	Ø 12 mm	15/32"	T100.08 HG 12-90°	20	45.5
	Ø 13 mm	1/2"	T100.08 HG 13-90°	20	45.5
 135° Coupling 135° Kupplungen	Ø 6 mm	1/4"	T100.08 HG 06-135°	20	47.5
	Ø 8 mm	5/16"	T100.08 HG 08-135°	20	47.5
	Ø 10 mm	3/8"	T100.08 HG 10-135°	20	47.5
	Ø 12 mm	15/32"	T100.08 HG 12-135°	20	47.5
	Ø 13 mm	1/2"	T100.08 HG 13-135°	20	47.5
 Straight Coupling for Flex locking Kupplungen ohne Schlauchklemmen	Ø 10 mm	3/8"	T100.08 FG 10	20	37
	Ø 13 mm	1/2"	T100.08 FG 13	20	40
 90° Coupling for Flex locking 90° Kupplungen ohne Schlauchklemmen	Ø 10 mm	3/8"	T100.08 FG 10-90°	20	45.5
	Ø 13 mm	1/2"	T100.08 FG 13-90°	20	45.5

T100-08 Series



Couplers Kupplungen	Ø Connection / Anschlüsse	Order No - Bestell Nr.	Assembling Sizes / Dimension für die Montage		
			A	B	C
 135° Coupling for Flex locking 135° Kupplungen ohne Schlauchklemmen	Ø 10 mm	3/8"	T100.08 FG 10-135°	20	47.5
	Ø 13 mm	1/2"	T100.08 FG 13-135°	20	47.5
 Female Threaded Coupling Kupplungen mit Innengewinde	BSP 1/4"	T100.08 DG 13	20	43	
	BSP 3/8"	T100.08 DG 17	20	52	
	NPT 1/4"	T100.08 NG 13	20	43	
	NPT 3/8"	T100.08 NG 17	20	52	
 90° Female Threaded Coupling 90° Kupplungen mit Innengewinde	BSP 1/4"	T100.08 DG 13-90°	20	45.5	24
	BSP 3/8"	T100.08 DG 17-90°	20	45.5	24
	NPT 1/4"	T100.08 NG 13-90°	20	45.5	27
	NPT 3/8"	T100.08 NG 17-90°	20	45.5	27
 135° Female Threaded Coupling 135° Kupplungen mit Innengewinde	BSP 1/4"	T100.08 DG 13-135°	20	47.5	17
	BSP 3/8"	T100.08 DG 17-135°	20	47.5	17
	NPT 1/4"	T100.08 NG 13-135°	20	47.5	20
	NPT 3/8"	T100.08 NG 17-135°	20	47.5	20

Diverting connector / Umlenk Kupplung (For / Für TST 100.08)

 Brass Tube PB 10x1 / Messingrohr PB 10x1	 T100.08 KG 00	Order No - Bestellnr.	L	L - 24
		T100.08 - KG 125	125	101
		T100.08 - KG 250	250	226
		T100.08 - KG 500	500	476
		Brass Tube PB 8x1	Opsiyonel	
		Brass Tube PB 10x1	Opsiyonel	
		Brass Tube PB 14x1	Opsiyonel	

Interchangeability-Kompatibilität
Große Hersteller
unsere Produktserie (6-8-12) kompatibel.
Large manufacturers
our product series (6-8-12) compatible.

Temperature Range-Temperaturbereich
-20°C +100°C (-40°F +250°F)

Working Pressure / Betriebsdruck
0 - 10 bar (0 - 160 PSI)

Flow capacity - Größen
NW : 8.3

Standard version - Standardversion
Brass - Messing
NBR Nitrile (Ni)
Nickel plated - Vernickelt
Locking balls 9 units - 9 Kugeln

Options - Optionen
B - Blue - Blau
R - Red - Rot
V - FPM Seal - FPM Dichtung
E - EPDM Seal - EPDM Dichtung

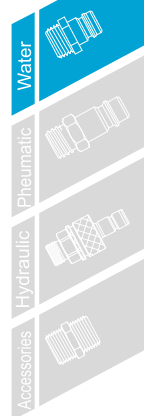
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Für optionale Bestellungen das
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hinzufügen (Beispiel: T100.08.HG08V)

20% High Flow



Material - Material

Coupler Body - Kupplungsgrundkörper	: Brass Nickel Plated - Messing Vernickelt
Sleeve - Hülse	: Brass Nickel Plated - Messing Vernickelt
Springs - Federn	: Stainless Steel - Edelstahl
Locking O-Ring - Sprengling	: Stainless Steel - Edelstahl
Balls - Kugeln	: Stainless Steel - Edelstahl
Seals - Dichtungen	: NBR Nitrile (Ni)
Plug - Nippel	: Brass Nickel Plated - Messing Vernickelt



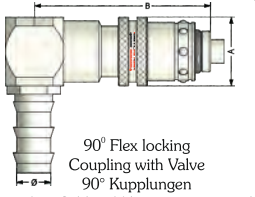
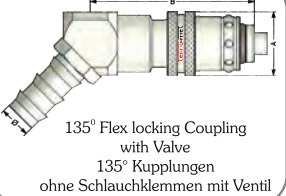
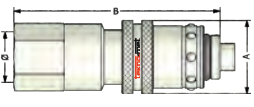
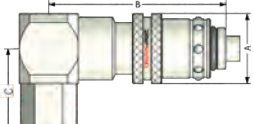
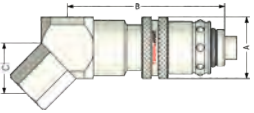
Couplers Kupplungen	Ø Connection / Anschlüsse	Order No - Bestell Nr.	Assembling Sizes / Dimension für die Montage		
			A	B	C
 Coupling with Valve Kupplungen mit Ventil	Ø 6 mm	1/4"	T100.08 HGB 06	20	59
	Ø 8 mm	5/16"	T100.08 HGB 08	20	59
	Ø 10 mm	3/8"	T100.08 HGB 10	20	59
	Ø 12 mm	15/32"	T100.08 HGB 12	20	59
	Ø 13 mm	1/2"	T100.08 HGB 13	20	59
 90° Coupling with Valve 90° Kupplungen mit Ventil	Ø 6 mm	1/4"	T100-08 HGB 06-90°	20	64
	Ø 8 mm	5/16"	T100.08 HGB 08-90°	20	64
	Ø 10 mm	3/8"	T100.08 HGB 10-90°	20	64
	Ø 12 mm	15/32"	T100.08 HGB 12-90°	20	64
	Ø 13 mm	1/2"	T100.08 HGB 13-90°	20	64
 135° Coupling with Valve 135° Kupplungen mit Ventil	Ø 6 mm	1/4"	T100-08 HGB 06-135°	20	64
	Ø 8 mm	5/16"	T100.08 HGB 08-135°	20	64
	Ø 10 mm	3/8"	T100.08 HGB 10-135°	20	64
	Ø 12 mm	15/32"	T100.08 HGB 12-135°	20	64
	Ø 13 mm	1/2"	T100.08 HGB 13-135°	20	64
 Flex locking Coupling with Valve Kupplungen ohne Schlauchklemmen mit Ventil	Ø 10 mm	3/8"	T100.08 FGB 10	20	59
	Ø 13 mm	1/2"	T100.08 FGB 13	20	59



T100-08 Series

20% High Flow



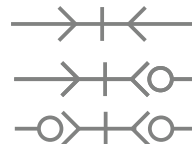
Couplers Kupplungen	Ø Connection / Anschlüsse	Order No - Bestell Nr.	Assembling Sizes / Dimension für die Montage		
			A	B	C
 90° Flex locking Coupling with Valve 90° Kupplungen ohne Schlauchklemmen mit Ventil	Ø 10 mm	3/8"	T100.08 FGB 10-90°	20	64
	Ø 13 mm	1/2"	T100.08 FGB 13-90°	20	64
 135° Flex locking Coupling with Valve 135° Kupplungen ohne Schlauchklemmen mit Ventil	Ø 10 mm	3/8"	T100.08 FGB 10-135°	20	64
	Ø 13 mm	1/2"	T100.08 FGB 13-135°	20	64
 Female Threaded Coupling with Valve Kupplungen mit Innengewinde Ventil	BSP 1/4"	T100.08 DGB 13	20	57	
	BSP 3/8"	T100.08 DGB 17	20	57	
	NPT 1/4"	T100.08 NGB 13	20	60	
	NPT 3/8"	T100.08 NGB 17	20	60	
 90° Female Threaded Coupling with Valve Kupplungen mit 90° Innengewinde Ventil	BSP 1/4"	T100.08 DGB 13-90°	20	54	24
	BSP 3/8"	T100.08 DGB 17-90°	20	54	24
	NPT 1/4"	T100.08 NGB 13-90°	20	54	27
	NPT 3/8"	T100.08 NGB 17-90°	20	54	27
 135° Female Threaded Coupling with Valve Kupplungen mit 135° Innengewinde Ventil	BSP 1/4"	T100.08 DGB 13-135°	20	54	17
	BSP 3/8"	T100.08 DGB 17-135°	20	54	17
	NPT 1/4"	T100.08 NGB 13-135°	20	54	20
	NPT 3/8"	T100.08 NGB 17-135°	20	54	20



NEW
Safety Typ Coupler



20% High Flow



Temperature Range-Temperaturbereich
-20°C +100°C (-40°F +250°F)
Working Pressure / Betriebsdruck
0 - 10 bar (0 - 160 PSI)
Flow capacity - Größen
NW : 8.3

Standard version - Standardversion
Brass Messing
Nitrile NBR (Ni)
Nickel plated - Vernickelt
Locking balls 9 units

Options- Optionen
B - Blue / Blau
R - Red / Rot
V - FPM Seal / FPM Dichtung
E - EPDM Seal / EPDM Dichtung

Material - Material

Body - Kupplung
Coupler Body-
Kupplungsgrundkörper : Brass Nickel Plated -
Messing Vernickelt
Sleeve - Hülse : Brass Nickel Plated -
Messing Vernickelt
Springs - Federn : Stainless Steel -
Edelstahl
Locking O-Ring-
Sprenging : Stainless Steel -
Edelstahl
Balls - Kugeln : Stainless Steel -
Edelstahl AISI 420
Seals - Dichtungen : Nitrile NBR (Ni) -
NBR (Ni)
Plug - Nippel : Brass Nickel Plated -
Messing Vernickelt



Safety typ Couplers / Kupplung Sicherheitstpe

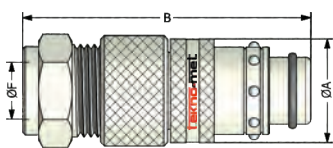
Order No / Bestell Nr.

ØA

B

ØF

SW



Safety Female Coupler
Kupplung mit Innengewinde Sicherheitstpe

T100.08 DG 13/EM

21

60

BSP 1/4"

19

T100.12 DG 21/EM

27

75

BSP 1/2"

27

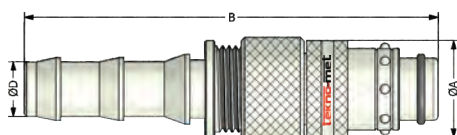
Safety typ Couplers / Kupplung Sicherheitstpe

Order No / Bestell Nr.

ØA

B

ØD



Safety Hose Coupler
Kupplung mit Sicherheitstpe Schlauchtülle

T100.08 HGF 10/EM

21

80

10

T100.08 HGF 13/EM

21

80

13

T100.12 HGF 13/EM

27

96

13

T100.12 HGF 16/EM

27

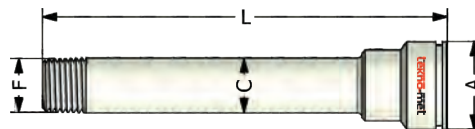
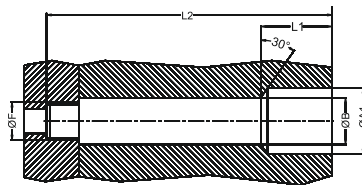
96

16

T100-08 Series

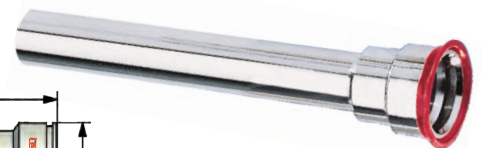
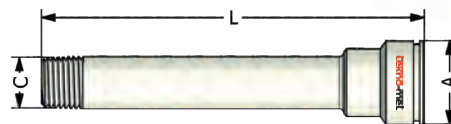
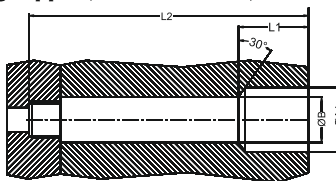
Extension (conical threaded version BSPT-NPT)
Verlängerungsbuchse (konsches Gewinde BSPT-NPT)

20% High Flow



Serie	F Thread Gewinde	L min./max.	Order No - Bestell Nr. Without Collar / Ohne Ring	Dimension in / Dimensionen in (mm)						Allen SW	Torque (m/daN)
				L1	L2	ØA	ØA1	ØB	ØC		
T100.08 BSPT	R1/8"	33/100	T100.08-100.R10	23	L-5.5	21	22	11	10.2	6	1
	R1/8"	100/150	T100.08-150.R10	23	L-5.5	21	22	11	10.2	6	1
	R1/8"	150/200	T100.08-200.R10	23	L-5.5	21	22	11	10.2	6	1
	R1/8"	200/250	T100.08-250.R10	23	L-5.5	21	22	11	10.2	6	1
T100.08 NPT	NPT1/8"	33/100	T100.08-100.T10	23	L-5.5	21	22	11	10.2	1/4"	1
	NPT1/8"	100/150	T100.08-150.T10	23	L-5.5	21	22	11	10.2	1/4"	1
	NPT1/8"	150/200	T100.08-200.T10	23	L-5.5	21	22	11	10.2	1/4"	1
	NPT1/8"	200/250	T100.08-250.T10	23	L-5.5	21	22	11	10.2	1/4"	1
T100.08 BSPT	R1/4"	33/100	T100.08-100.R13	23	L-7.5	21	22	14	13.5	8	3
	R1/4"	100/150	T100.08-150.R13	23	L-7.5	21	22	14	13.5	8	3
	R1/4"	150/200	T100.08-200.R13	23	L-7.5	21	22	14	13.5	8	3
	R1/4"	200/250	T100.08-250.R13	23	L-7.5	21	22	14	13.5	8	3
T100.08 NPT	NPT1/4"	33/100	T100.08-100.T13	23	L-7.5	21	22	14	13.5	5/16"	3
	NPT1/4"	100/150	T100.08-150.T13	23	L-7.5	21	22	14	13.5	5/16"	3
	NPT1/4"	150/200	T100.08-200.T13	23	L-7.5	21	22	14	13.5	5/16"	3
	NPT1/4"	200/250	T100.08-250.T13	23	L-7.5	21	22	14	13.5	5/16"	3

Extension Plug (Smooth version)
Verlängerungsnippel (Ohne Gewinde)



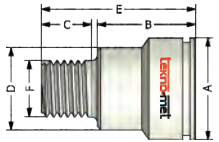
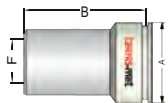
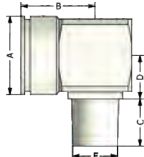
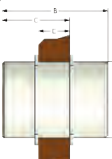
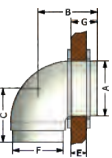
Serie	ØC	L	Order No - Bestell Nr. Without Collar / Ohne Ring	Dimension in / Dimensionen in (mm)					Allen SW
				L1	L2	ØA	ØA1	ØB	
T100.08	10.2	50	T100.08-10.BU50	23	L-5.5	21	22	11	6
	10.2	100	T100.08-10.BU100	23	L-5.5	21	22	11	6
	10.2	150	T100.08-10.BU150	23	L-5.5	21	22	11	6
	10.2	200	T100.08-10.BU200	23	L-5.5	21	22	11	6
T100.08	13.5	50	T100.08-13.BU50	23	L-7.5	21	22	14	8
	13.5	100	T100.08-13.BU100	23	L-7.5	21	22	14	8
	13.5	150	T100.08-13.BU150	23	L-7.5	21	22	14	8
	13.5	200	T100.08-13.BU200	23	L-7.5	21	22	14	8
	13.5	250	T100.08-13.BU250	23	L-7.5	21	22	14	8

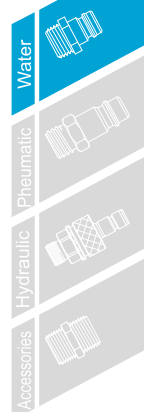




20% High Flow



Plugs Nippel	Ø Connection Anschlüsse	Order No - Bestell Nr. Without Collar / Ohne Ring	Dimension in / Dimensionen in (mm)					
			A	B	C	D	E	SW
 Male Threaded Plug Nippel mit Außengewinde	R 1/8"	T100.08 RU10	21	21	8	17.5	31	6
	R 1/4"	T100.08 RU13	21	21	10	17.5	33	8
	R 3/8"	T100.08 RU17	21	11	11	17.5	24	8
	NPT 1/8"	T100.08 TU10	21	21	7	17.5	31	1/4"
	NPT 1/4"	T100.08 TU13	21	21	11	17.5	33	5/16"
	NPT 3/8"	T100.08 TU17	21	11	11	17.5	24	5/16"
	M10x1	T100.08 EUM10-1	21	21	10	17.5	31	6
	M10x1.5	T100.08 EUM10	21	21	20	17.5	31	6
	M14x1.5	T100.08 EUM14	21	21	11	17.5	31	8
 Female Threaded Plug Nippel mit Innengewinde	BSP 1/8"	T100.08 DU10	21	39				8
	BSP 1/4"	T100.08 DU13	21	39				8
	NPT 1/8"	T100.08 NU10	21	39				5/16"
	NPT 1/4"	T100.08 NU13	21	39				5/16"
 90° Male Threaded Plug 90° Nippel mit Außengewinde	R 1/8"	T100.08 RU10-90°	21	33	24	10	32	20
	R 1/4"	T100.08 RU13-90°	21	33	24	12	33	20
	R 3/8"	T100.08 RU17-90°	21	33	24	13	24	20
	NPT 1/4"	T100.08 TU13-90°	21	21	11	14	33	20
 135° Male Threaded Plug 135° Nippel mit Außengewinde	R 1/8"	T100.08 EU10-135°	21	33	24			20
	R 1/4"	T100.08 EU13-135°	21	33	24			20
	R 3/8"	T100.08 EU17-135°	21	33	24			20
	NPT 1/4"	T100.08 TU13-135°	21	21	11			20
 Through the wall straight connector Gerader Anschluß durch die Wand		T100.08 PU.00	22	35	23		10 max.	
 Through the wall 90° connector 90° Anschluß durch die Wand	G 1/4"	T100.08 PU.13-90°	22	22	21		6.5 max.	



T100.08 Series

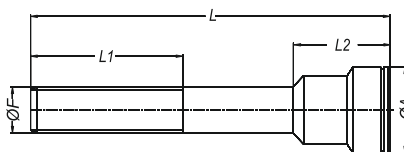


20% High Flow

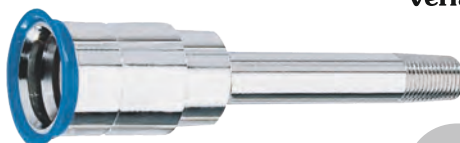


Extension (cylindrical BSP threaded version)
Verlängerungsbochse (zylindsches-BSP Gewinde)

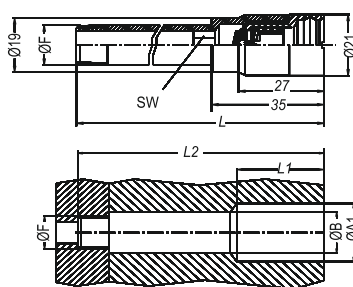
Serie	F Thread Gewinde	L min./max.	Order No - Bestell Nr. Without Collar / Ohne Ring	Dimension in / Dimensionen in (mm)			Alen SW
				L1	L2	ØA	
T100.08	BSP1/8"	50	T100.08-50.RF10	26	21	21	6
	BSP1/8"	100	T100.08-100.RF10	60	21	21	6
	BSP1/8"	150	T100.08-150.RF10	60	21	21	6
T100.08	BSP1/4"	50	T100.08-50.RF13	6.5	21	21	8
	BSP1/4"	100	T100.08-100.RF13	60	21	21	8
	BSP1/4"	150	T100.08-150.RF13	60	21	21	8
	BSP1/4"	200	T100.08-200.RF13	60	21	21	8



Male Threaded Extension Shut-off Plugs
Verlängerungsbochse mit Aussengewinde und Ventil

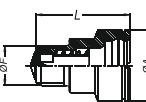
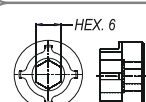


Serie	F Thread Gewinde	L min./max.	Order No - Bestell Nr. Without Collar/Ohne Ring	Dimension in / Dimensionen in (mm)			Alen SW
				L1	L2	ØA	
100.08	BSP1/8"	50	T100.08-50.RUB10	32	L-5.5	22	6
	BSP1/8"	100	T100.08-100.RUB10	32	L-5.5	22	6
	BSP1/8"	150	T100.08-150.RUB10	32	L-5.5	22	6
100.08	BSP1/4"	50	T100.08-50.RUB13	32	L-5.5	22	6
	BSP1/4"	100	T100.08-100.RUB13	32	L-5.5	22	6
	BSP1/4"	150	T100.08-150.RUB13	32	L-5.5	22	6
	BSP1/4"	200	T100.08-200.RUB13	32	L-5.5	22	6

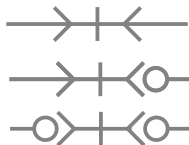


Male Threaded Extension Shut-off Plugs(T100.08)
Verlängerungsbochse mit Aussengewinde und Ventil (T100.08)



	Connection Anschlüsse	Order No - Bestell Nr. Without Collar/Ohne Ring	Dimension in Dimensionen in (mm)	
			ØA	L
	Male thread Nippel with valve Nippel mit Außengewinde	1/4" T100.08 EUB13	21	36
	Male thread Nippel with valve Nippel mit Außengewinde	3/8" T100.08 EUB17	21	28,5
	Assembling apparatus Montagemittel	T100.08 EUB00		

20% High Flow



Interchangeability-Kompatibilität

Temperature Range-Temperaturbereich
-20°C +100°C (-40°F +250°F)

Working Pressure / Betriebsdruck
0 - 10 bar (0 - 160 PSI)

Flow capacity - Größen
NW : 13

Standard version - Standardversion
Brass - Messing
NBR - Nickerle (Ni)
Nickel plated - Vernickelt
Locking balls 9 units - 9 Stück Kugeln

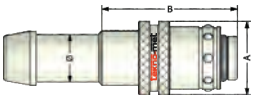
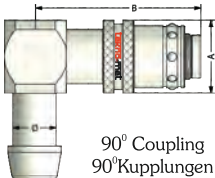
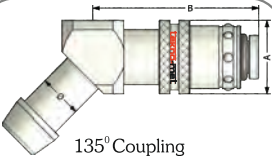
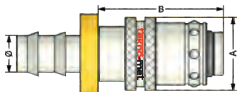
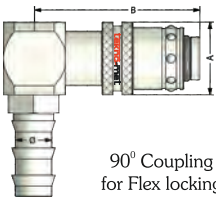
Options - Optionen
B - Blue - Blau
R - Red - Rot
V - FPM Seal - FPM Dichtung
E - EPDM Seal - EPDM Dichtung

Material - Material

Coupler Body -
Kupplungsgrundkörper : Brass Nickel Plated -
Messing Vernickelt
Sleeve - Hülse : Brass Nickel Plated -
Messing Vernickelt
Springs - Federn : Stainless Steel - Edelstahl
Locking O-Ring -
Sprengling : Stainless Steel - Edelstahl
Balls - Kugeln : Stainless Steel - Edelstahl
Seals - Dichtungen : NBR Nitrile (Ni)
Plug - Nippel : Brass Nickel Plated -
Messing Vernickelt

For optional orders please add the symbol
of your option end of the order no.
Optionsbestellungen Kennbuchstabe
bitte hinzufügen (Beispiel: T100.08.HG08V)

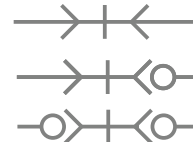


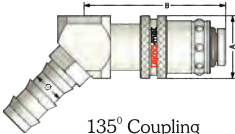
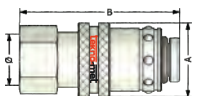
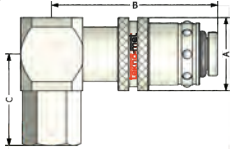
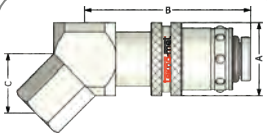
Couplers and Plugs Kupplung und Nippel	Ø F / Ø I Connection / Anschlüsse	Order No - Bestell Nr.	Dimension in / Dimensionen in (mm)		
			A	B	
 Straight Coupling Gerade Kupplungen	Ø 13 mm Ø 16 mm	1/2" 5/8"	T100.12 HG 13 T100.12 HG 16	28 28	44 44
 90° Coupling 90°Kupplungen	Ø 13 mm Ø 16 mm	1/2" 5/8"	T100.12 HG 13-90° T100.12 HG 16-90°	28 28	54 54
 135° Coupling 135° Kupplungen	Ø 13 mm Ø 16 mm	1/2" 5/8"	T100.12 HG 13-135° T100.12 HG 16-135°	28 28	54 54
 Straight Coupling for Flex locking Kupplungen ohne Schlauchklemmen	Ø 13 mm Ø 16 mm	1/2" 5/8"	T100.12 FG 13 T100.12 FG 16	28 28	44 44
 90° Coupling for Flex locking 90° Kupplungen ohne Schlauchklemmen	Ø 13 mm Ø 16 mm	1/2" 5/8"	T100.12 FG 13-90° T100.12 FG 16-90°	28 28	54 54

T100.12 Series

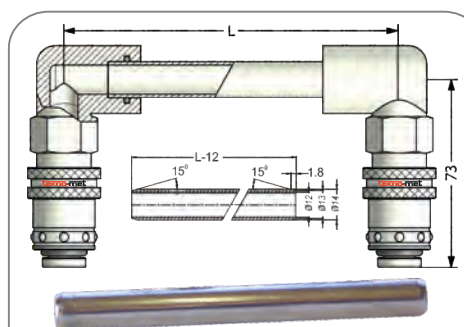


20% High Flow



Couplers and Plugs Kupplung und Nippel	Ø F / Ø i Connection / Anschlüsse	Order No - Bestell Nr.	Assembling Sizes / Dimension für die Montage			
			A	B	C / SW	
 135° Coupling for Flex locking 135° Kupplungen ohne Schlauchklemmen	Ø 13 mm Ø 16 mm	1/2" 5/8"	T100.12 FG 13-135° T100.12 FG 16-135°	28 28	54 54	
 Female Threaded Coupling Kupplungen mit Innengewinde	BSP NPT BSP NPT	1/2" 1/2" 3/4" 3/4"	T100.12 DG 21 T100.12 NG 21 T100.12 DG 26 T100.12 NG 26	28 28 28 28	60 62 70 70	24 24 35 35
 90° Female Threaded Coupling 90° Kupplungen mit Innengewinde	BSP NPT BSP NPT	3/8" 3/8" 1/2" 1/2"	T100.12 DG 17-90° T100.12 NG 17-90° T100.12 DG 21-90° T100.12 NG 21-90°	28 28 28 28	54 54 54 54	29 29 35 35
 135° Female Threaded Coupling 135° Kupplungen mit Innengewinde	BSP NPT BSP NPT	3/8" 3/8" 1/2" 1/2"	T100.12 DG 17-135° T100.12 NG 17-135° T100.12 DG 21-135° T100.12 NG 21-135°	28 28 28 28	54 54 54 54	10 10 16 16

Diverting connector / Umlenkkuplung (For / Für TST 100.12)



Brass Tube PB 14x1 / Messingrohr PB 10x1



T100.12 KG 00

Order No - Bestell Nr.	L	L - 24
100.12 - KG125	125	90
100.12 - KG250	250	250
100.12 - KG500	500	470



Interchangeability-Kompatibilität

Temperature Range-Temperaturbereich
-20°C +100°C (-40°F +250°F)

Working Pressure / Betriebsdruck
0 - 10 bar (0 - 160 PSI)

Flow capacity - Größen
NW : 13

Standard version - Standardversion
Brass - Messing
NBR - Nickerle (Ni)
Nickel plated - Vernickelt
Locking balls 9 units - 9 Stück Kugeln

Options - Optionen
B - Blue - Blau
R - Red - Rot
V - FPM Seal - FPM Dichtung
E - EPDM Seal - EPDM Dichtung

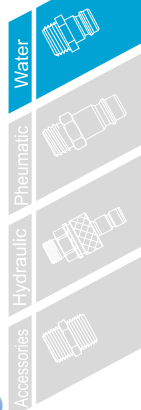
Material - Material

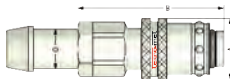
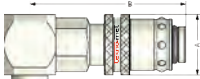
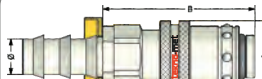
Coupler Body -
Kupplungsgrundkörper : Brass Nickel Plated -
Messing Vernickelt
Sleeve - Hülse : Brass Nickel Plated -
Messing Vernickelt
Springs - Federn : Stainless Steel - Edelstahl
Locking O-Ring -
Sprengling : Stainless Steel - Edelstahl
Balls - Kugeln : Stainless Steel - Edelstahl
Seals - Dichtungen : NBR Nitrile (Ni)
Plug - Nippel : Brass Nickel Plated -
Messing Vernickelt

20% High Flow



For optional orders please add the symbol
of your option end of the order no.
Optionsbestellungen Kennbuchstabe
bitte hinzufügen (Beispiel: T100.12.HGB10V)

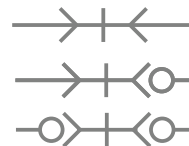


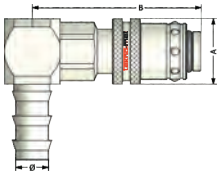
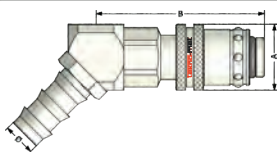
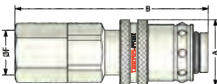
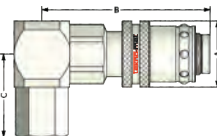
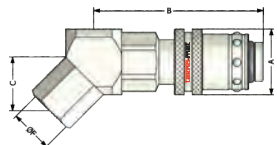
Couplers and Plugs Kupplung und Nippel	Ø F / Ø I Connection / Anschlüsse		Order No - Bestell Nr.	Assembling Sizes / Dimension für die Montage		
				A	B	C
 Coupling with Valve Kupplungen mit Ventil	Ø 13 mm	1/2"	T100.12 HGB 13	28	65	
	Ø 16 mm	5/8"	T100.12 HGB 16	28	65	
 90° Coupling with Valve 90° Kupplungen mit Ventil	Ø 13 mm	1/2"	T100.12 HGB 13-90°	28	70	
	Ø 16 mm	5/8"	T100.12 HGB 16-90°	28	70	
 135° Coupling with Valve 135° Kupplungen mit Ventil	Ø 13 mm	1/2"	T100.12 HGB 13-135°	28	70	
	Ø 16 mm	5/8"	T100.12 HGB 16-135°	28	70	
 Flex locking Coupling with Valve Kupplungen ohne Schlauchklemmen mit Ventil	Ø 13 mm	1/2"	T100.12 FGB 13	28	65	
	Ø 16 mm	5/8"	T100.12 FGB 16	28	65	

T100.12 Series



20% High Flow



Couplers and Plugs Kupplung und Nippel	Ø F / Ø i Connection / Anschlüsse		Order No - Bestell Nr.	Assembling Sizes / Dimension für die Montage		
				A	B	C
 90° Flex locking Coupling with Valve 90° Kupplungen ohne Schlauchklemmen mit Ventil	Ø 13 mm Ø 16 mm	1/2" 5/8"	T100.12 FGB 13-90° T100.12 FGB 16-90°	28 28	70 70	
 135° Flex locking Coupling with Valve 13° Kupplungen ohne Schlauchklemmen mit Ventil	Ø 13 mm Ø 16 mm	3/8" 1/2"	T100.12 FGB 13-135° T100.12 FGB 16-135°	28 28	70 70	
 Female Threaded Coupling with Valve Kupplungen mit Innengewinde mit Ventil	BSP NPT	1/2" 1/2"	T100.12 DGB 21 T100.12 NGB 21	28 28	80 80	
 90° Female Threaded Coupling with Valve Kupplungen mit 90° Innengewinde mit Ventil	BSP NPT BSP NPT	3/8" 3/8" 1/2" 1/2"	T100.12 DGB 17-90° T100.12 NGB 17-90° T100.12 DGB 21-90° T100.12 NGB 21-90°	28 28 28 28	70 70 70 70	29 29 35 35
 135° Female Threaded Coupling with Valve Kupplungen mit 135° Innengewinde mit Ventil	BSP NPT BSP NPT	3/8" 3/8" 1/2" 1/2"	T100.12 DGB 17-135° T100.12 NGB 17-135° T100.12 DGB 21-135° T100.12 NGB 21-135°	28 28 28 28	54 54 54 54	10 10 16 16



20% High Flow

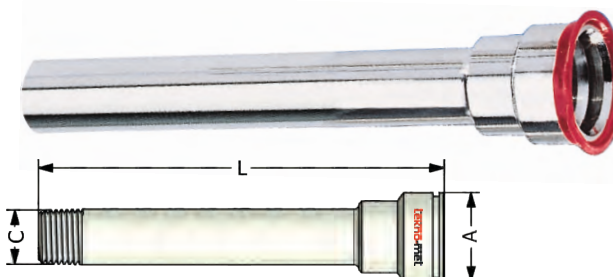
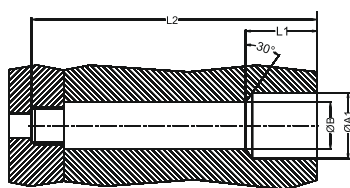


Options - Optionen
 B - Bleue - Blau
 R - Red - Rot
 V - FPM Seal - FPM Dichtung
 E - EPDM Seal - EPDM Dichtung



Couplers and Plugs Kupplung und Nippel	F Connection Anschlüsse	Order No - Bestell Nr. Without Collar/Ohne Ring	Assembling Sizes / Dimension für die Montage					Allen SW
			A	B	C	D	E	
 Couplers and Plug Nippel und Nippel	R 3/8"	T100.12 RU17	32	28	11	25	41	10
	R 1/2"	T100.12 RU21	32	28	16	25	44	14
	R 3/4"	T100.12 RU26	32	13	14		32	14
	NPT 3/8"	T100.12 TU17	32	28	11	25	41	3/8"
	NPT 1/2"	T100.12 TU21	32	28	14	25	44	9/16"
	NPT 3/4"	T100.12 TU26	32	13	14		32	9/16"
 Female Threaded Plug Nippel mit Innengewinde	BSP 3/8	T100.12 DU17	32	49				12
	BSP 1/2	T100.12 DU21	32	50				12

Extension Plug
 (Smooth version)
 Verlängerungsnippel
 (Ohne Gewinde)

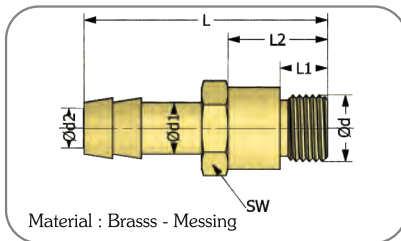


Serie	ØC	L	Order No - Bestellnr. Without Collar Ohne Ring	Assembling Sizes / Dimension für die Montage					SW
				L1	L2	ØA	ØA1	ØB	
T100.12	17.2	50	T100.12-17.BU50	41	L-8.5	32	33	18	14
	17.2	100	T100.12-17.BU100	41	L-8.5	32	33	18	14
	17.2	150	T100.12-17.BU150	41	L-8.5	32	33	18	14
	17.2	200	T100.12-17.BU200	41	L-8.5	32	33	18	14
	17.2	250	T100.12-17.BU250	41	L-8.5	32	33	18	14
T100.12	21.3	50	T100.12-21.BU50	43	L-11.5	32	33	22	14
	21.3	100	T100.12-21.BU100	43	L-11.5	32	33	22	14
	21.3	150	T100.12-21.BU150	43	L-11.5	32	33	22	14
	21.3	200	T100.12-21.BU200	43	L-11.5	32	33	22	14
	21.3	250	T100.12-21.BU250	43	L-11.5	32	33	22	14

Plugs - Nippel Series

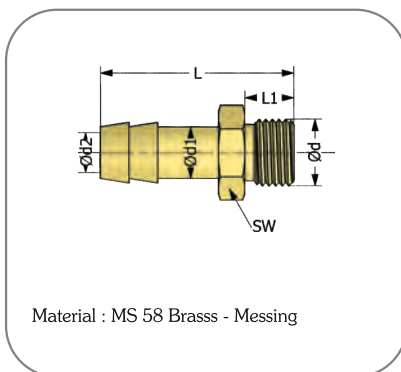
Plugs - Nippel T100 Series

Hose nipple



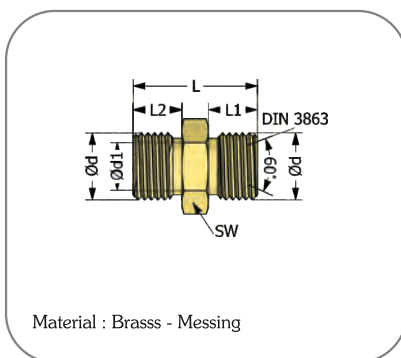
Order No - Bestell Nr.	d	d1	d2	L	L1	L2	SW
TUHE M10	M10x1	9	6	35	7	14	11
TUHE 10	G 1/8"	9	6	35	7	14	11
TUHE M12	M12x1.5	9	8	37	10	18	14
TUHE M14	M14x1.5	13	9	47	9	16	15
TUHE 13	G 1/4"	13	9	47	9	16	15
TUHE M24	M24x1.5	13	13	62	12	22	27
TUHE 21	G 1/2"	19	13	62	12	22	22

SHE nipple



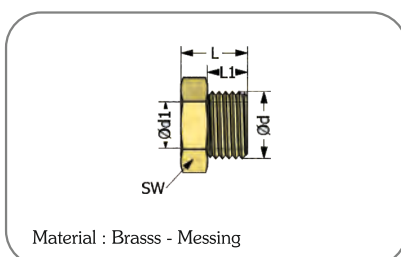
TSHE M8	M8x0,75	9	4.5	27	6	11
TSHE M10	M10x1	9	6	28	7	11
TSHE 10	G 1/8"	9	6	28	7	11
TSHE M12	M12x1.5	13	9	38	9	15
TSHE 13	G 1/4"	13	9	38	10	15
TSHE M14	M14x1.5	13	9	38	10	15
TSHE M16	M16x1.5	13	9	38	10	17
TSHE 17	G 3/8"	13	9	38	10	17
TSHE M24	M24x1.5	19	13	49	16	27
TSHE 21	G 1/2"	19	13	46	12	22
TSHE 26	G 3/4"	19	13	49	16	27

Double nipples



Sipariş No / Order No	d	d1	L	L1	L2	SW
TDP 14/14	M14x1,5	6	24	9	9	17
TDP 14/13	M14x1,5	6	24	9	9	15
TDP 13/13	G 1/4"	6	23	9	9	19
TDP 16/16	M16x1,5	9	24	9	9	17
TDP 16/17	M16x1,5	9	24	9	9	19
TDP 17/17	G 3/8"	9	24	9	9	19
TDP 24/24	M24x1,5	13	40	16	16	27
TDP 24/21	M24x1,5	13	36	16	12	25
TDP 21/21	G 1/2"	13	30	12	12	22
TDP 26/26	G 3/4"	13	40	16	16	27

Reduction / Reduzierung

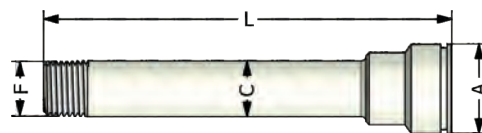
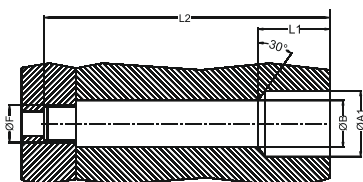


Sipariş No / Order No	d	d1	L	L1	SW
TRD 14/10	M14x1,5	M10x1	14	9	15
TRD 18/14	M18x1,5	M14x1,5	14	9	19
TRD 13/10	G 1/4"	G 1/8"	11	8	15
TRD 17/13	G 3/8"	G 1/4"	13	9	19
TRD 21/17	G 1/2"	G 3/8"	18	12	22
TRD 24/16	M24x1,5	M16x1,5	24	16	25
TRD 26/21	G 3/4"	G 1/2"	24	16	27





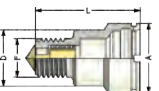
20% High Flow



**Extension (conical threaded version BSPT-NPT)
Verlängerungsbuchse (konsches Gewinde BSPT-NPT)**

Serie	F Thread Gewinde	L min./max.	Order No - Bestell Nr. Without Collar / Ohne Ring	Assembling Sizes / Dimension für die Montage						Allen SW	Torque Drehmoment (m.daN)
				L1	L2	ØA	ØA1	ØB	ØC		
T100.12 BSPT	R3/8"	56/100	T100.12-100.R17	43	L-8.5	32	33	18	17.2	14	3
	R3/8"	100/150	T100.12-150.R17	43	L-8.5	32	33	18	17.2	14	3
	R3/8"	150/200	T100.12-200.R17	43	L-8.5	32	33	18	17.2	14	3
	R3/8"	200/250	T100.12-250.R17	43	L-8.5	32	33	18	17.2	14	3
T100.12 NPT	NPT3/8"	56/100	T100.12-100.T17	43	L-8.5	32	33	18	17.2	3/8"	3
	NPT3/8"	100/150	T100.12-150.T17	43	L-8.5	32	33	18	17.2	3/8"	3
	NPT3/8"	150/200	T100.12-200.T17	43	L-8.5	32	33	18	17.2	3/8"	3
	NPT3/8"	200/250	T100.12-250.T17	43	L-8.5	32	33	18	17.2	3/8"	3
T100.12 BSPT	R1/2"	56/100	T100.12-100.R21	45	L-11.5	32	33	22	21.3	14	5
	R1/2"	100/150	T100.12-150.R21	45	L-11.5	32	33	22	21.3	14	5
	R1/2"	150/200	T100.12-200.R21	45	L-11.5	32	33	22	21.3	14	5
	R1/2"	200/250	T100.12-250.R21	45	L-11.5	32	33	22	21.3	14	5
T100.12 NPT	NPT1/2"	59/100	T100.12-100.T21	45	L-11.5	32	33	22	21.3	9/16"	5
	NPT1/2"	100/150	T100.12-150.T21	45	L-11.5	32	33	22	21.3	9/16"	5
	NPT1/2"	150/200	T100.12-200.T21	45	L-11.5	32	33	22	21.3	9/16"	5
	NPT1/2"	200/250	T100.12-250.T21	45	L-11.5	32	33	22	21.3	9/16"	5

**Male Threaded Nippel with Valve (T100.12)
Buchse mit Assengewinde mit Ventil (T100.12)**

	ØF Connection Anschlüsse	Order No - Bestell Nr. Without Collar/Ohne Ring	Dimension in / Dimensionen in (mm)		
			ØA	ØD	L
 Male thread Nippel with valve Nippel mit Innengewinde	G3/8"	T100.12 EUB 17	32	24	40,5
	G1/2"	T100.12 EUB 21	32	24	42,5
	G1/4"	T100.12 EUB 26	32	30	38,5
 Female thread Nippel with valve Nippel mit Innengewinde	G1/2"	T100.12 DUB 21	32		62
	G3/4"	T100.12 DUB 26	32		62
 Assembling apparatus Montagemittel		T100.12 EUB 00			



T100.12 Series

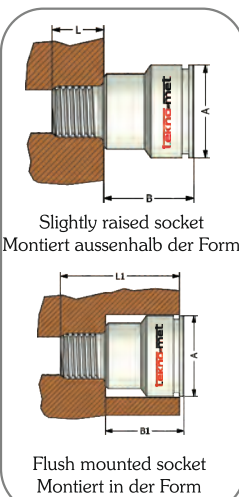


20% High Flow

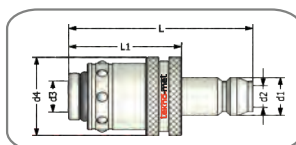


Assembling Dimension in Moulds
Einbaumassee

Serie	F Thread Gewinde	Kaliba G6mme Tip - Slightly raised socket			Kalip Dışına Monteli Uç - Flush mounted socket			Allen SW	Torque (N.m)
		ØA	B	L min.	ØA1 min	B1	L1		
T100.06	1/8" BSP	17	20	10	18.5	20.5	29.5	6	15
	1/4" BSP	17	18	13	18.5	18.5	30.5	6	30
	1/8" NPT	17	22	10	18.5	22.5	31.5	1/4"	15
	1/4" NPT	17	20	13.5	18.5	20.5	33	1/4"	30
T100.08	1/8" BSP	21	23	10	22.5	24	33	6	15
	1/4" BSP	21	22	12	22.5	23	34	8	30
	3/8" BSP	21	12	13	22.5	13	25	8	30
	1/8" NPT	21	25.5	10	22.5	25.5	35	1/4"	15
	1/4" NPT	21	24	12	22.5	23.5	35.5	5/16"	30
	3/8" NPT	21	14	13	22.5	14	27	5/16"	30
T100.12	3/8" BSP	32	29	13	33.5	30	42	10	50
	1/2" BSP	32	10	15	33.5	31	45	14	50
	3/4" BSP	32	15	18	33.5	20	36	14	50
	3/8" NPT	32	33	13	33.5	33	46	3/8"	50
	1/2" NPT	32	35	15	33.5	34.5	51	9/16"	50
	3/4" NPT	32	17.5	18	33.5	17.5	36.5	9/16"	50

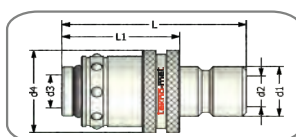


Couplers and Plugs Kupplung und Nippel	Order No - Bestellnr.	d1	d2	d3	d4	L	L1
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T100.08 T060	9	6	20	7.5	51	30
T100.08 T090	13	9	20	7.5	51	30

Couplers and Plugs Kupplung und Nippel	Order No - Bestellnr.	d1	d2	d3	d4	L	L1
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T100.08 T06	9	5.5	20	7.5	48	30
T100.08 T09	13	8	20	7.5	53	30



AISI 316
Stainless Steel
Edelstahl
9 Pieci - 9 Anzahl

20% High Flow



	Serie	Order No Bestell Nr.	Temperature
 Nitril (N)	T100.06	CG T100.06N	-15°C / +100°C -4°F / +212°F
	T100.08	CG T100.08N	
	T100.12	CG T100.12N	

Spare O-Ring (NBR) - Ersatz O-Ring (Viton)

	Serie	Order No Bestell Nr.	Temperature
 Viton (V)	T100.06	CG T100.06V	-15°C / +100°C -4°F / +212°F
	T100.08	CG T100.08V	
	T100.12	CG T100.12V	

Packaging Size : 25 pcs - Verpackungseinheit 25 Stück

**Colour identification Rings for Sockets
Markierungsringe für Kupplung**

	Serie	Order No Bestell Nr.
 Blue - Blau	T100.06	CG T100.06 KB
	T100.08	CG T100.08 KB
	T100.12	CG T100.12 KB

	Serie	Order No Bestell Nr.
 Red -Rot	T100.06	CG T100.06 KR
	T100.08	CG T100.08 KR
	T100.12	CG T100.12 KR

Packaging Size : 25 pcs - Verpackungseinheit 25 Stück

**Colour identification Rings for Nipples
Markierungsringen für Nippel**

	Serie	Order No Bestell Nr.
 Mavi - Blue	T100.06	CG T100.06 SB
	T100.08	CG T100.08 SB
	T100.12	CG T100.12 SB

	Serie	Order No Bestell Nr.
 Kirmizi - Red	T100.06	CG T100.06 SR
	T100.08	CG T100.08 SR
	T100.12	CG T100.12 SR

Packaging Size : 25 pcs - Verpackungseinheit 25 Stück

