

FRENCH System

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 koppeln.

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 Heissöleleitungen
- 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.

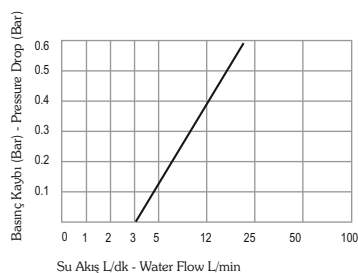
Wie wir unterhalb beschrieben haben, Verbindungsvielfalt erlaubt grosse, flexible Arbeitsbedingungen.

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)

FRENCH System

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.

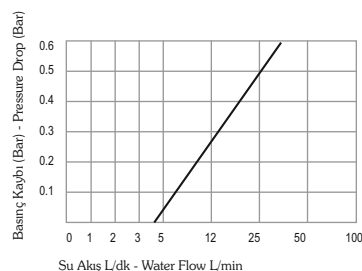
According to internal diameter there are 3 different sizes of serie T100 couplers.

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

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

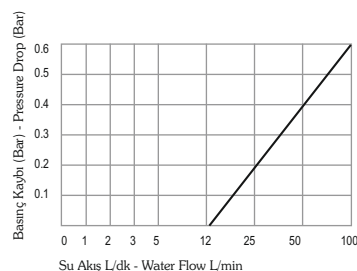
**Using Area :**

- 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



FRENCH System



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

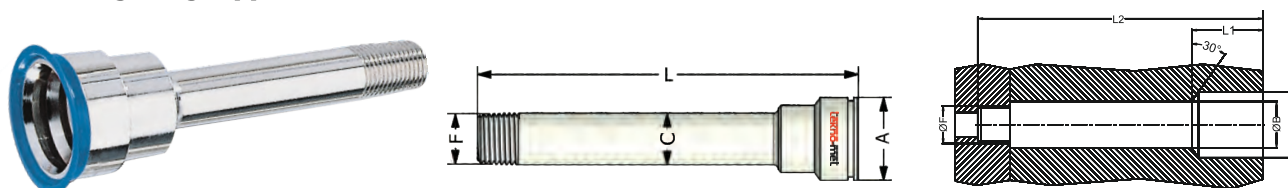
For optional orders please add the symbol
of your option end of the order no.

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

FRENCH System

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 : 8.3Standard version - Standardversion
Brass - Messing
NBR Nitrile (Ni)
Nickel plated - Vernickelt
Locking balls 9 units - 9 KugelnOptions - 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

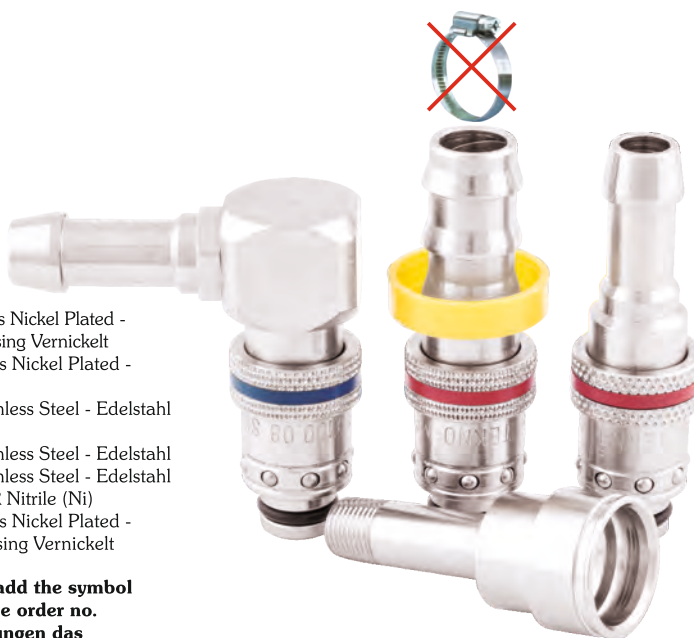
Locking O-Ring -
Sprengling : Stainless Steel - Edelstahl

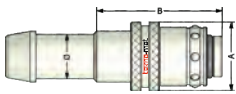
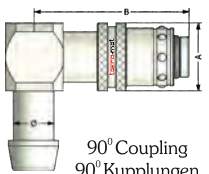
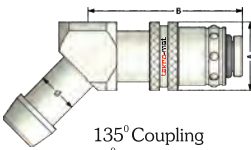
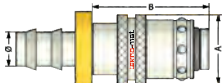
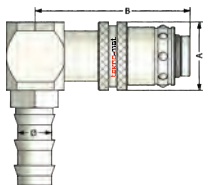
Balls - Kugeln : Stainless Steel - Edelstahl

Seals - Dichtungen : NBR Nitrile (Ni)

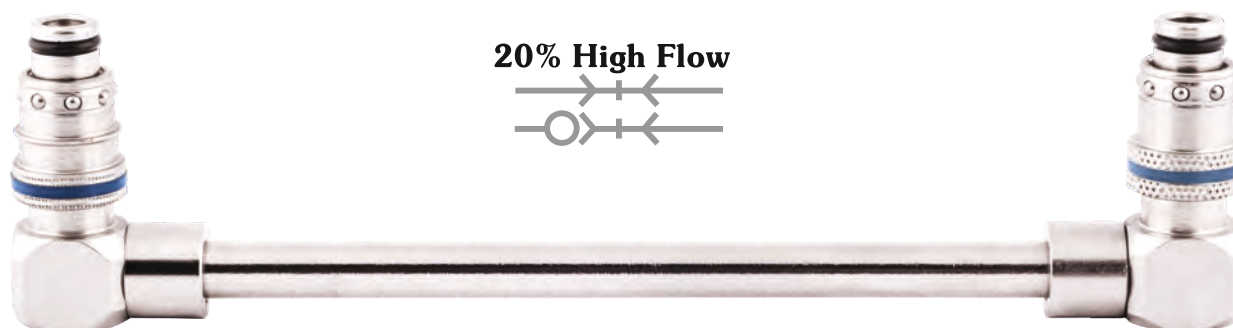
Plug - Nippel : Brass Nickel Plated -
Messing Vernickelt

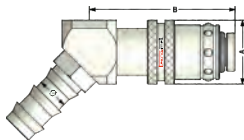
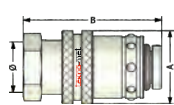
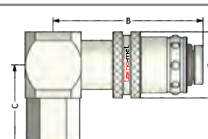
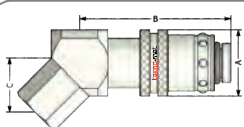
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hinzufügen (Beispiel: T100.08.HG08V)



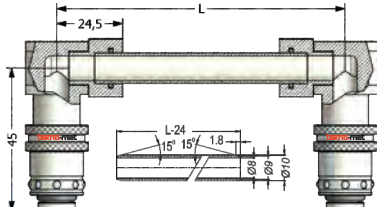
Couplers Kupplungen	Ø Connection / Anschlüsse	Order No - Bestell Nr.	Assembling Sizes / Dimension für die Montage		
			A	B	C
 Straight Coupling Gerade Kupplungen	Ø 6 mm	1/4"	T100.08 HG 06	20	37.5
	Ø 8 mm	5/16"	T100.08 HG 08	20	37.5
	Ø 10 mm	3/8"	T100.08 HG 10	20	37.5
	Ø 12 mm	15/32"	T100.08 HG 12	20	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

FRENCH System



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 Ø 13 mm	3/8" 1/2"	T100.08 FG 10-135° T100.08 FG 13-135°	20 20	47.5 47.5	
 Female Threaded Coupling Kupplungen mit Innengewinde	BSP 1/4" BSP 3/8" NPT 1/4" NPT 3/8"		T100.08 DG 13 T100.08 DG 17 T100.08 NG 13 T100.08 NG 17	20 20 20 20	43 52 43 52	
 90° Female Threaded Coupling 90° Kupplungen mit Innengewinde	BSP 1/4" BSP 3/8" NPT 1/4" NPT 3/8"		T100.08 DG 13-90° T100.08 DG 17-90° T100.08 NG 13-90° T100.08 NG 17-90°	20 20 20 20	45.5 45.5 45.5 45.5	24 24 27 27
 135° Female Threaded Coupling 135° Kupplungen mit Innengewinde	BSP 1/4" BSP 3/8" NPT 1/4" NPT 3/8"		T100.08 DG 13-135° T100.08 DG 17-135° T100.08 NG 13-135° T100.08 NG 17-135°	20 20 20 20	47.5 47.5 47.5 47.5	17 17 20 20

Diverting connector / Umlenkkuplung (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	

FRENCH System

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

For optional orders please add the symbol
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hinzufügen (Beispiel: T100.08.HG08V)

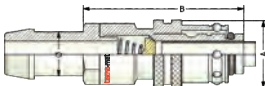
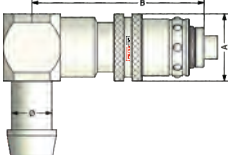
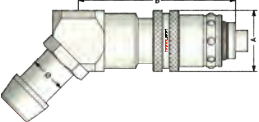
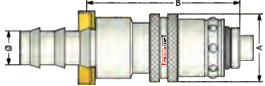
20% High Flow



Material - Material

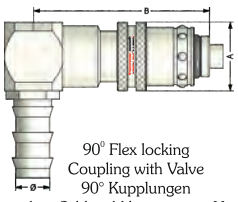
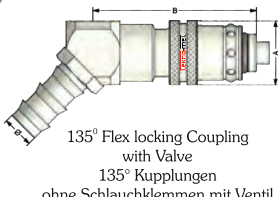
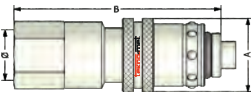
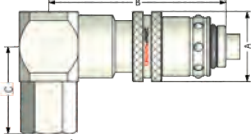
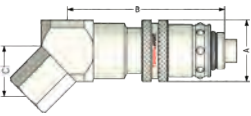
Coupler Body -
Kupplungsgrundkörper : Brass Nickel Plated -
Messing Vernickelt
Sleeve - Hülse : Brass Nickel Plated -
Messing Vernickelt
Springs - Federn : Stainless Steel - Edelstahl
Locking O-Ring -
Sprenging : Stainless Steel - Edelstahl
Balls - Kugeln : Stainless Steel - Edelstahl
Seals - Dichtungen : 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

FRENCH System

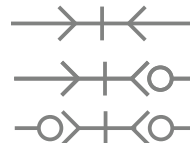


Couplers Kupplungen	Connection / Anschlüsse	Order No - Bestell Nr.	Assembling Sizes / Dimension für die Montage		
			A	B	C
 90° Flex locking Coupling with Valve 90° Kupplungen ohne Schlauchklemmen mit Ventil	Ø 10 mm	3/8"	T100.08 FGB 10-90°	20	64
	Ø 13 mm	1/2"	T100.08 FGB 13-90°	20	64
 135° Flex locking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

FRENCH System



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-

Sprengtring

: Stainless Steel -

Edelstahl

Balls - Kugeln

: Stainless Steel -

Edelstahl AISI 420

Seals - Dichtungen

: Nitrite NBR (Ni) -

NBR (Ni)

Plug - Nippel

: Brass Nickel Plated -

Messing Vernickelt

Safety typ Couplers / Kupplung Sicherheitstpe

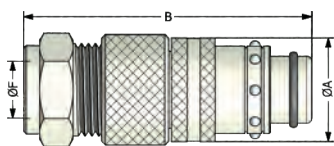
Order No / Bestell Nr.

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

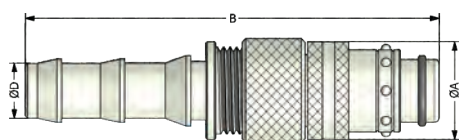
Safety typ Couplers / Kupplung Sicherheitstpe

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

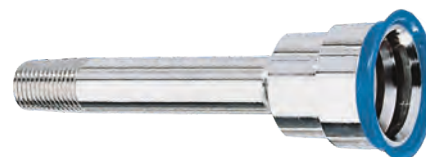
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16

FRENCH System

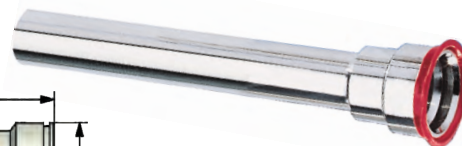
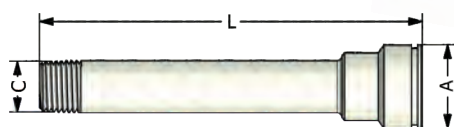
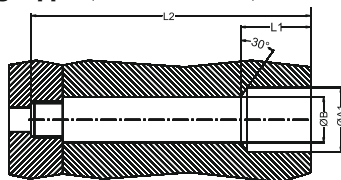
Extension (conical threaded
version BSPT-NPT)
Verlängerungsbuchse (konsches
Gewinde BSPT-NPT)

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

FRENCH System



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.

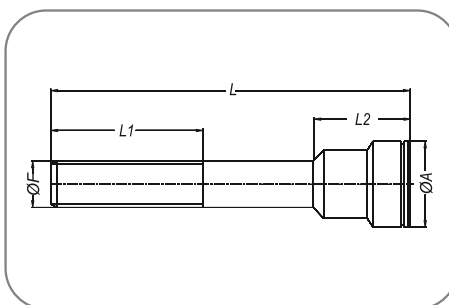
FRENCH System



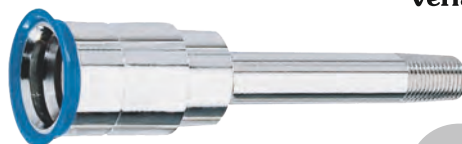
Extension (cylindrical BSP threaded version)
Verlängerungsbochse (zylindsches-BSP Gewinde)

20% High Flow

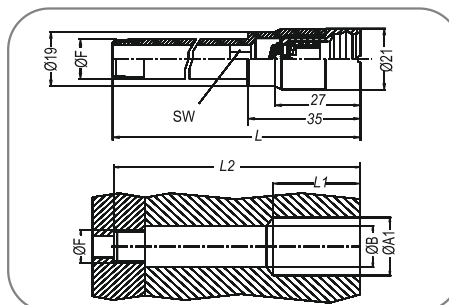
Serie	F Thread Gewinde	L min./max.	Order No - Bestell Nr. Without Collar / Ohne Ring	Dimension in / Dimensionen in (mm)			Alen SW
				L1	L2	ØA	
T100.08	BSP1/8"	50	T100.08-50.RF10	26	21	21	6
	BSP1/8"	100	T100.08-100.RF10	60	21	21	6
	BSP1/8"	150	T100.08-150.RF10	60	21	21	6
T100.08	BSP1/4"	50	T100.08-50.RF13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

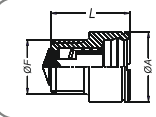
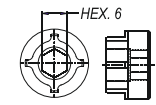


Serie	F Thread Gewinde	L min./max.	Order No - Bestell Nr. Without Collar/Ohne Ring	Dimension in / Dimensionen in (mm)			Alen SW
				L1	L2	ØA	
100.08	BSP1/8"	50	T100.08-50.RUB10	32	L-5.5	22	6
	BSP1/8"	100	T100.08-100.RUB10	32	L-5.5	22	6
	BSP1/8"	150	T100.08-150.RUB10	32	L-5.5	22	6
100.08	BSP1/4"	50	T100.08-50.RUB13	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
 HEX. 6 Assembling apparatus Montagemittel	T100.08 EUB00			

FRENCH System

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 : 13Standard 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

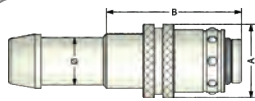
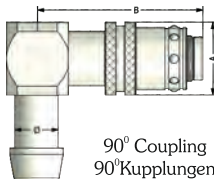
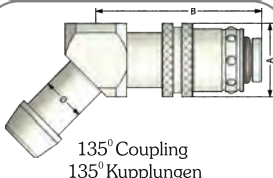
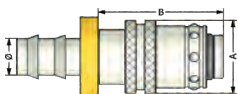
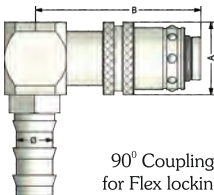
Balls - Kugeln : Stainless Steel - Edelstahl

Seals - Dichtungen : NBR Nitrile (Ni)

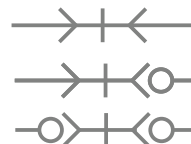
Plug - Nippel : Brass Nickel Plated -
Messing Vernickelt

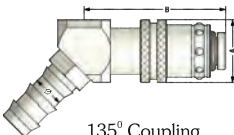
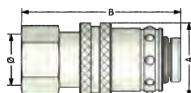
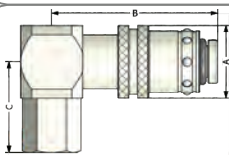
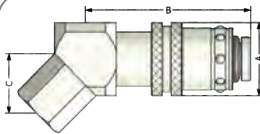


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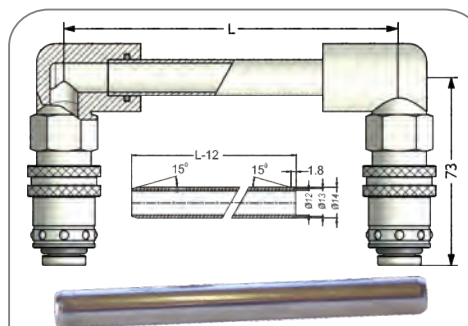
Couplers and Plugs Kupplung und Nippel	Ø F / Ø I Connection / Anschlüsse		Order No - Bestell Nr.	Dimension in / Dimensionen in (mm)	
				A	B
 Straight Coupling Gerade Kupplungen	Ø 13 mm	1/2"	T100.12 HG 13	28	44
	Ø 16 mm	5/8"	T100.12 HG 16	28	44
 90° Coupling 90° Kupplungen	Ø 13 mm	1/2"	T100.12 HG 13-90°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

FRENCH System

**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 / Umlenkkupplung (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

FRENCH System

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 : 13Standard version - Standardversion
Brass - Messing
NBR - Nickerle (Ni)
Nickel plated - Vernickelt
Locking balls 9 units - 9 Stück KugelnOptions - 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

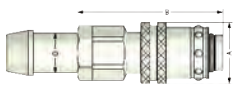
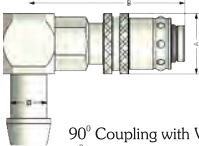
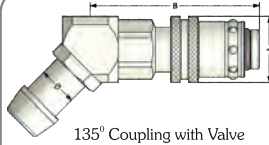
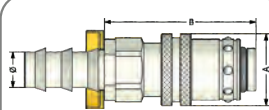
Balls - Kugeln : Stainless Steel - Edelstahl

Seals - Dichtungen : NBR Nitrile (Ni)

Plug - Nippel : Brass Nickel Plated -
Messing Vernickelt

20% High Flow

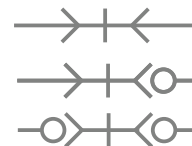
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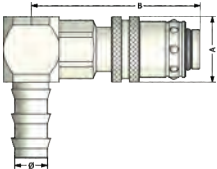
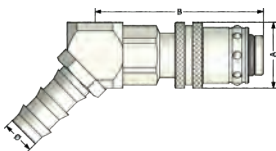
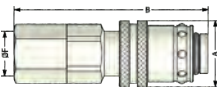
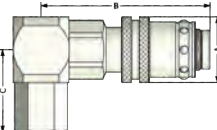
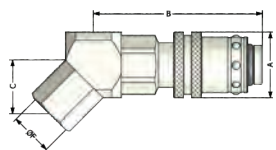
Couplers and Plugs Kupplung und Nippel	Ø F / Ø I Connection / Anschlüsse		Order No - Bestell Nr.	Assembling Sizes / Dimension für die Montage		
				A	B	C
 Coupling with Valve Kupplungen mit Ventil	Ø 13 mm	1/2"	T100.12 HGB 13	28	65	
	Ø 16 mm	5/8"	T100.12 HGB 16	28	65	
 90° Coupling with Valve 90° Kupplungen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

FRENCH System



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	1/2"	T100.12 FGB 13-90°	28	70	
	Ø 16 mm	5/8"	T100.12 FGB 16-90°	28	70	
 135° Flex locking Coupling with Valve 135° Kupplungen ohne Schlauchklemmen mit Ventil	Ø 13 mm	3/8"	T100.12 FGB 13-135°	28	70	
	Ø 16 mm	1/2"	T100.12 FGB 16-135°	28	70	
 Female Threaded Coupling with Valve Kupplungen mit Innengewinde mit Ventil	BSP	1/2"	T100.12 DGB 21	28	80	
	NPT	1/2"	T100.12 NGB 21	28	80	
 90° Female Threaded Coupling with Valve Kupplungen mit 90° Innengewinde mit Ventil	BSP	3/8"	T100.12 DGB 17-90°	28	70	29
	NPT	3/8"	T100.12 NGB 17-90°	28	70	29
	BSP	1/2"	T100.12 DGB 21-90°	28	70	35
	NPT	1/2"	T100.12 NGB 21-90°	28	70	35
 135° Female Threaded Coupling with Valve Kupplungen mit 135° Innengewinde mit Ventil	BSP	3/8"	T100.12 DGB 17-135°	28	54	10
	NPT	3/8"	T100.12 NGB 17-135°	28	54	10
	BSP	1/2"	T100.12 DGB 21-135°	28	54	16
	NPT	1/2"	T100.12 NGB 21-135°	28	54	16

FRENCH System

20% High Flow

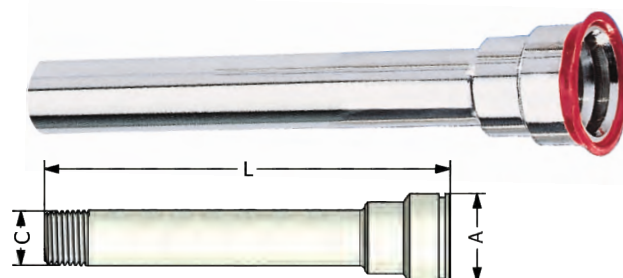
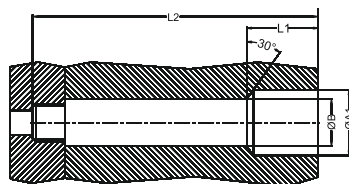


Options - Optionen
 B - Bleue - Blau
 R - Red - Rot
 V - FPM Seal - FPM Dichtung
 E - EPDM Seal - EPDM Dichtung



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

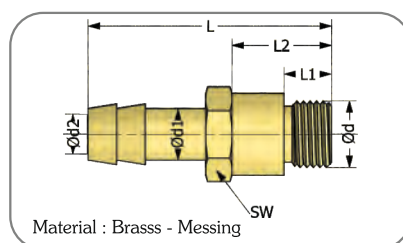
Extension Plug
(Smooth version)
Verlängerungsnippel
(Ohne Gewinde)



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

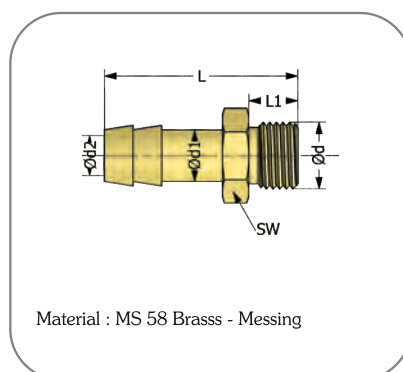
Plugs - Nippel T100 Series

Hose nipple



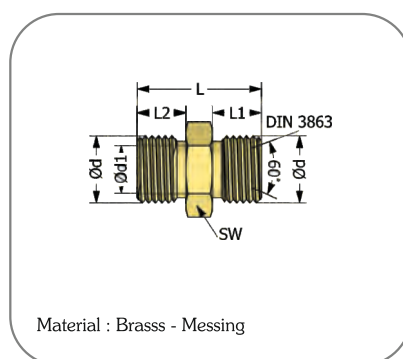
Order No - Bestell Nr.	d	d1	d2	L	L1	L2	SW
TUHE M10	M10x1	9	6	35	7	14	11
TUHE 10	G 1/8"	9	6	35	7	14	11
TUHE M12	M12x1.5	9	8	37	10	18	14
TUHE M14	M14x1.5	13	9	47	9	16	15
TUHE 13	G 1/4"	13	9	47	9	16	15
TUHE M24	M24x1.5	13	13	62	12	22	27
TUHE 21	G 1/2"	19	13	62	12	22	22

SHE nipple



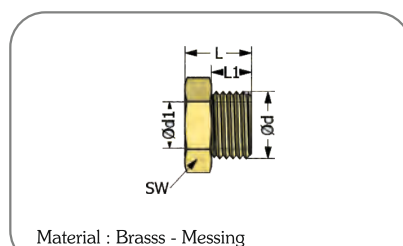
TSHE M8	M8x0,75	9	4.5	27	6	11
TSHE M10	M10x1	9	6	28	7	11
TSHE 10	G 1/8"	9	6	28	7	11
TSHE M12	M12x1.5	13	9	38	9	15
TSHE 13	G 1/4"	13	9	38	10	15
TSHE M14	M14x1.5	13	9	38	10	15
TSHE M16	M16x1.5	13	9	38	10	17
TSHE 17	G 3/8"	13	9	38	10	17
TSHE M24	M24x1.5	19	13	49	16	27
TSHE 21	G 1/2"	19	13	46	12	22
TSHE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

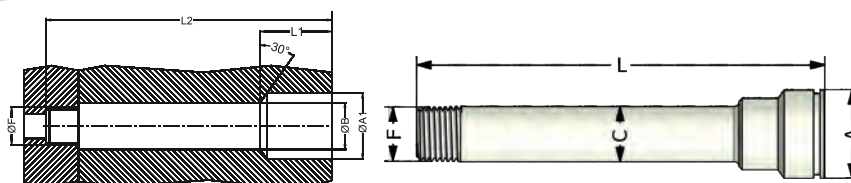


Sipariş No / Order No	d	d1	L	L1	SW
TRD 14/10	M14x1,5	M10x1	14	9	15
TRD 18/14	M18x1.5	M14x1.5	14	9	19
TRD 13/10	G 1/4"	G 1/8"	11	8	15
TRD 17/13	G 3/8"	G 1/4"	13	9	19
TRD 21/17	G 1/2"	G 3/8"	18	12	22
TRD 24/16	M24x1.5	M16x1.5	24	16	25
TRD 26/21	G 3/4"	G 1/2"	24	16	27

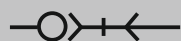
FRENCH System



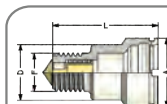
20% High Flow


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

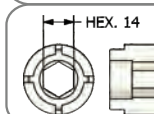
62

G3/4"

T100.12 DUB 26

32

62

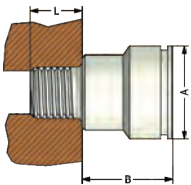
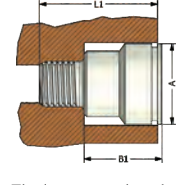

 Assembling apparatus
 Montagemittel
T100.12 EUB 00

FRENCH System

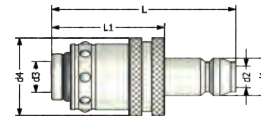


20% High Flow

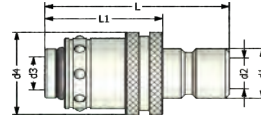
Assembling Dimension in Moulds
Einbaumasse

Serie	F Thread Gewinde	Kaliba Gömme Tip - Slightly raised socket			Kalıp Dışına Monteli Uç - Flush mounted socket			Allen SW	Torque (N.m)
		ØA	B	L min.	ØA1 min	B1	L1		
 Slightly raised socket Montiert aussenhalb der Form	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
 Flush mounted socket Montiert in der Form	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
T100.12	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
	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

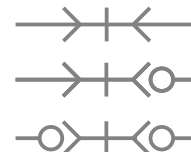
**Colour identification Rings for Nipples
Markierungsringen für Nippel**

	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

FRENCH System



T101.06
T101.09
T101.12
T101.16
T101-20
T101-25
T101-38

For plastic injection moulding,
heat transfer fluids and all industrial
applications

Für Kühlung und Temperaturregelung
von Kunststoffformen und Maschinen

Using Area :

- On cooling system of plastic zamak and aluminium injection molds
- On mould temperature control lines of thermoplastic injection moulding
- On water cooling circuit of welding machines
- On cleaning and washing systems of machines
- On hot oil lines connections
- All industries
- On steam lines

Technical Specification:

Single or double shut-off
T101.16 plug body manufactured from stainless steel and hardened
T101.20 - T101.25 - T101.38 plug body manufactured from stainless steel
The O-ring for all T101 serie couplers are Fluorocarbon FPM (V).

Nutzungsbereich :

- an Kühlsystemen für Kunststoff-, Zamak-, Messing- und Aluminium- Kokillenformen
- Reinigungs - und Waschsystemen von Maschinen
- Heißölleitungsanschlüssen
- alle Industriezweigen
- Dampfleitungen

Technische Eigenschaften :

- Ein-oder beidseitiges Ventill
- T101.16 Nippel aus gehärtetem Edelstahl
- T101.20 - T102.25 - T101.38 Kupplungskörper aus Edelstahl
- O-Ringe der Serie T101 sind FPM (V)

FRENCH System

Interchangeability - - Kompatibilität
Unserer Produktserie ist mit der
Große Herstellern kompatibel
Ø Nominal-Nennwert (mm) :6
Working Pressure-Arbeitsdruck (bar) :16
Cross section-Querschnitte(mm²) :28.3
Number of the Balls-Anzahl der Kugeln :6

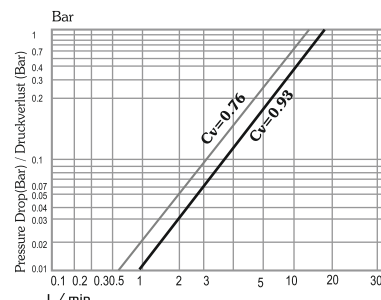
Temperature Range-Temperaturbereich
V - Viton (FPM) :-10 °C +200°C
E - Ethylene Prop. (EPDM) :-20 °C +150°C
Ni - Nitrile (NBR) :-15 °C +100°C

Material - Material

Coupler Body -
Kupplungsgrundkörper : Brass - Messing
Sleeve - Hülse : Stainless Steel -
Edelstahl (AISI 420)
Valve - Ventil : Brass - Messing
Springs - Federn : Stainless Steel - Edelstahl
Balls - Kugeln : Stainless Steel - Edelstahl
Seals - Dichtungen : Fluorocarbon FPM (V)
Plug - Nippel : Brass Nickel Plated -
Messing Vernickelt



T101.06



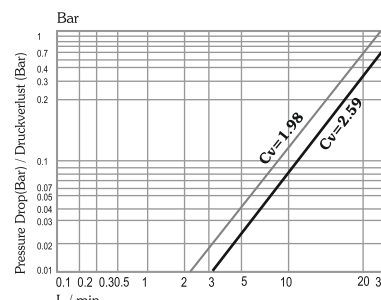
Interchangeability - - Kompatibilität
Unserer Produktserie ist mit der
Große Herstellern kompatibel

Ø Nominal-Nennwert (mm) :9
Working Pressure-Arbeitsdruck (bar) :16
Cross section-Querschnitte(mm²) :63.9
Number of the Balls-Anzahl der Kugeln :6

Temperature Range-Temperaturbereich
V - Viton (FPM) :-10 °C +200°C
E - Ethylene Prop. (EPDM) :-20 °C +150°C
Ni - Nitrile (NBR) :-15 °C +100°C

Material - Material

Coupler Body -
Kupplungsgrundkörper : Brass - Messing
Sleeve - Hülse : Stainless Steel -
Edelstahl (AISI 420)
Valve - Ventil : Brass - Messing
Springs - Federn : Stainless Steel - Edelstahl
Balls - Kugeln : Stainless Steel - Edelstahl
Seals - Dichtungen : Fluorocarbon FPM (V)
Plug - Nippel : Brass Nickel Plated -
Messing Vernickelt



Interchangeability - - Kompatibilität
Unserer Produktserie ist mit der
Große Herstellern kompatibel

Ø Nominal-Nennwert (mm) :12
Working Pressure-Arbeitsdruck (bar) :16
Cross section-Querschnitte(mm²) :113
Number of the Balls-Anzahl der Kugeln :6

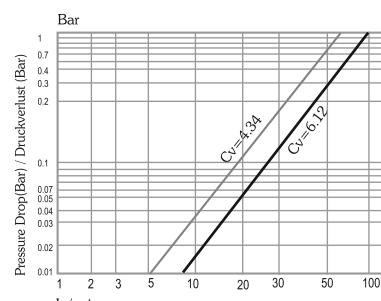
Temperature Range-Temperaturbereich
V - Viton (FPM) :-10 °C +200°C
E - Ethylene Prop. (EPDM) :-20 °C +150°C
Ni - Nitrile (NBR) :-15 °C +100°C

Material - Material

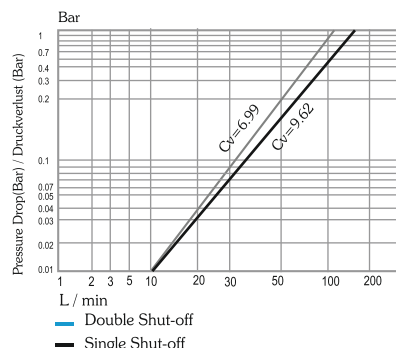
Coupler Body -
Kupplungsgrundkörper : Brass - Messing
Sleeve - Hülse : Stainless Steel -
Edelstahl (AISI 420)
Valve - Ventil : Brass - Messing
Springs - Federn : Stainless Steel - Edelstahl
Balls - Kugeln : Stainless Steel - Edelstahl
Seals - Dichtungen : Fluorocarbon FPM (V)
Plug - Nippel : Brass Nickel Plated -
Messing Vernickelt



T101.12



FRENCH System

QUICK COUPLINGS FOR MOULD
AND GENERAL INDUSTRY

Flow direction : Plug to socket
Oil Viscosity at 40° : C:13.4 cst

T101.16



Interchangeability - Kompatibilität
Unserer Produktserie ist mit der
Große Herstellern kompatibel

Ø Nominal-Nennwert (mm) :16
Working Pressure-Arbeitsdruck (bar) :16
Cross section-Querschnitte(mm²) :201
Number of the Balls-Anzahl der Kugeln :12

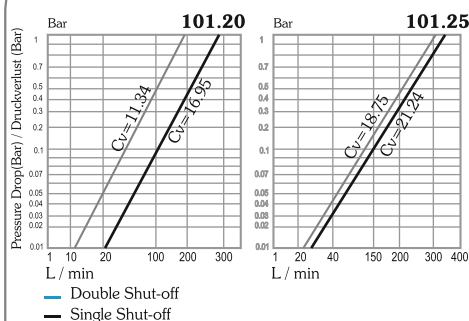
Temperature Range-Temperaturbereich
V - Viton (FPM) :-10 °C +200°C
E - Ethylene Prop. (EPDM) :-20 °C +150°C
Ni - Nitrile (NBR) :-15 °C +100°C

Material - Material

Coupler Body -
Kupplungsgrundkörper : Brass - Messing
Sleeve - Hülse : Stainless Steel -
Edelstahl (AISI 420)
Valve - Ventil : Brass - Messing
Springs - Federn : Stainless Steel - Edelstahl
Balls - Kugeln : Stainless Steel - Edelstahl
Seals - Dichtungen : Fluorocarbon FPM (V)
Plug Body - Nippel : Stainless Steel -
Edelstahl (AISI 420)

Interchangeability - Kompatibilität
Unserer Produktserie ist mit der
Große Herstellern kompatibel

T101.20 - T101.25



Flow direction : Plug to socket
Oil Viscosity at -40° : C:13.4 cst



Ø Nominal-Nennwert (mm) :20
Working Pressure-Arbeitsdruck (bar) :16
Cross section-Querschnitte(mm²) :314
Number of the Balls-Anzahl der Kugeln :12

Çalışma Sıcaklığı / Working Temperature-

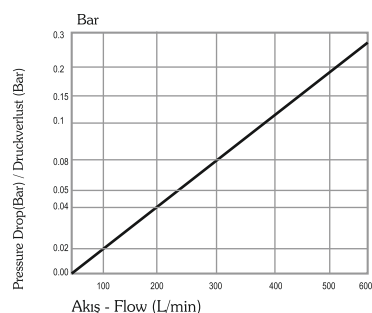
V - Viton (FPM) :-10 °C +200°C
E - Ethylene Prop. (EPDM) :-20 °C +150°C
Ni - Nitrile (NBR) :-15 °C +100°C

Material - Material

Coupler Body -
Kupplungsgrundkörper : Brass Nickel Plated - Messing
Vernickelt
Sleeve - Hülse : Stainless Steel - Edelstahl (AISI 420)
Valve - Ventil : Brass Nickel Plated - Messing
Vernickelt
Springs - Federn : Stainless Steel - Edelstahl
Balls - Kugeln : Stainless Steel - Edelstahl
Seals - Dichtungen : Fluorocarbon FPM (V)
Plug Body - Nippel : Stainless Steel - Edelstahl (AISI 420)

Interchangeability - Kompatibilität
Unserer Produktserie ist mit der
Große Herstellern kompatibel

T101.38



Flow direction : Plug to socket
Oil Viscosity at -40° : C:13.4 cst



Ø Nominal-Nennwert (mm) :38
Working Pressure-Arbeitsdruck (bar) :16
Cross section-Querschnitte(mm²) :1130
Number of the Balls-Anzahl der Kugeln :14

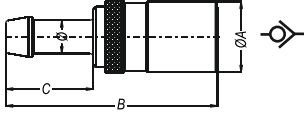
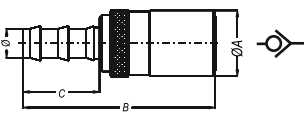
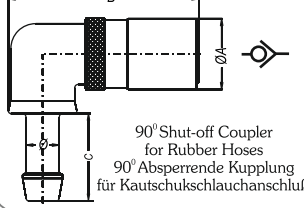
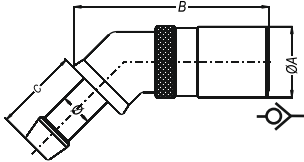
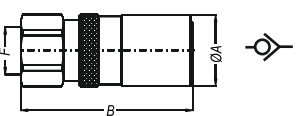
Temperature Range-Temperaturbereich
V - Viton (FPM) :-10 °C +200°C
E - Ethylene Prop. (EPDM) :-20 °C +150°C
Ni - Nitrile (NBR) :-15 °C +100°C

Material - Material

Coupler Body -
Kupplungsgrundkörper : Brass Nickel Plated -
Messing Vernickelt
Sleeve - Hülse : Stainless Steel -
Edelstahl (AISI 420)
Valve - Ventil : Brass Nickel Plated -
Messing Vernickelt
Springs - Federn : Stainless Steel - Edelstahl
Balls - Kugeln : Stainless Steel - Edelstahl
Seals - Dichtungen : Fluorocarbon FPM (V)
Plug Body - Nippel : Stainless Steel -
Edelstahl (AISI 420)

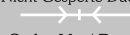
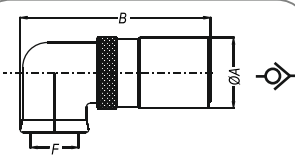
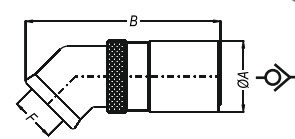
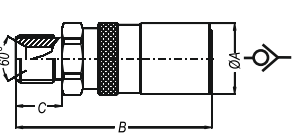
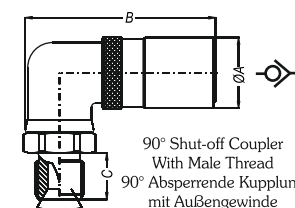
FRENCH System



Couplers Kupplungen	NW Size/ Größe mm	Connection Anschlüsse (F/Ø)	Single & Double Shut-off Einseitig & Beidseitig absperbar   Order No / Bestell Nr.	Full Flow Nicht Gesperrte Durchfluss  Order No / Bestell Nr.	ØA	B	C	SW
 Shut-off Coupler for Rubber Hoses Absperrende Kupplung für Kautschukschlauchanschluß	6	08 - 5/16"	T101.06 HGB 08	T101.06 HGF 08	19	60	23	
	9	12 - 15/32"	T101.09 HGB 12	T101.09 HGF 12	25	69.5	28	
	12	13 - 1/2"	T101.12 HGB 13	T101.12 HGF 13	31	82	28	
	12	16 - 5/8"	T101.12 HGB 16	T101.12 HGF 16	31	82	28	
	16	19 - 3/4"	T101.16 HGB 19	T101.16 HGF 19	38	108.5	33	
	16	19 - 3/4"		T101.16 HGF 19SP	38	88	33	
 Shut-off Coupler for Push Lock Hoses Absperrende Kupplung für selbstklemmender Schlauchanschluß	6	10 - 3/8"	T101.06 FGB 10	T101.06 FGF 10	19	60	24	
	9	10 - 3/8"	T101.09 FGB 10	T101.09 FGF 10	25	65.5	24	
	9	13 - 1/2"	T101.09 FGB 13	T101.09 FGF 13	25	69.5	28	
	12	13 - 1/2"	T101.12 FGB 13	T101.12 FGF 13	31	92	38	
	12	16 - 5/8"	T101.12 FGB 16	T101.12 FGF 16	31	92	38	
	19	19 - 3/4"	T101.16 FGB 19	T101.16 FGF 19	38	109	38	
 90° Shut-off Coupler for Rubber Hoses 90° Absperrende Kupplung für Kautschukschlauchanschluß	6	08 - 5/16"	T101.06 HGB 08-90°	T101.06 HGF 08-90°	19	59	23	
	9	10 - 3/8"	T101.09 HGB 10-90°	T101.09 HGF 10-90°	25	60	28	
	9	12 - 15/32"	T101.09 HGB 12-90°	T101.09 HGF 12-90°	25	65	28	
	12	16 - 5/8"	T101.12 HGB 16-90°	T101.12 HGF 16-90°	31	82	28	
	16	19 - 3/4"	T101.16 HGB 19-90°	T101.16 HGF 19-90°	38	132	60	
 135° Shut-off Coupler for Rubber Hoses 135° Absperrende Kupplung für Kautschukschlauchanschluß	6	08 - 5/16"	T101.06 HGB 08-135°	T101.06 HGF 08-135	19	59	23	
 Shut-off Coupler With Female Thread Absperrende Kupplung mit Innengewinde	6	BSP 1/4"	T101.06 DGB 13	T101.06 DGF 13	19	46		17
	6	NPT 1/4"	T101.06 NGB 13	T101.06 NGF 13	19	46		17
	9	BSP 3/8"	T101.09 DGB 17	T101.09 DGF 17	25	53		22
	9	NPT 1/4"	T101.09 NGB 17	T101.09 NGF 17	25	51		22
	12	BSP 1/2"	T101.12 DGB 21	T101.12 DGF 21	31	67		27
	12	NPT 1/2"	T101.12 NGB 21	T101.12 NGF 21	31	65		27
	16	BSP 3/4"	T101.16 DGB 26	T101.16 DGF 26	38	90.5		35
	16	BSP 3/4"		T101.16 DGF 26SP	38	55		35
	16	NPT 3/4"	T101.16 NGB 26	T101.16 NGF 26	38	88.5		35

FRENCH System



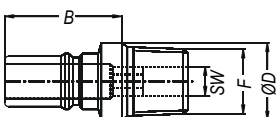
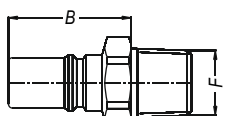
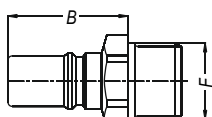
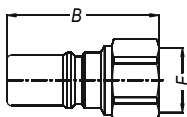
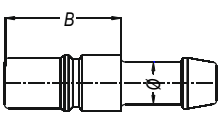
Couplers Kupplungen	NW Size/ Größe mm	Connection Anschlüsse (F/Ø)	Single & Double Shut-off Einseitig & Beidseitig absperribar  Order No / Bestell Nr.	Full Flow Nicht Gesperrte Durchfluss  Order No / Bestell Nr.	ØA	B	C	SW
 90° Shut-off Coupler With Female Thread 90° Absperrende Kupplung mit Innengewinde	6	BSP 1/4"	T101.06 DGB 13-90°	T101.06 DGF 13-90°	19	59		
	6	NPT 1/4"	T101.06 NGB 13-90°	T101.06 NGF 13-90°	19	59		
	9	BSP 3/8"	T101.09 DGB 17-90°	T101.09 DGF 17-90°	25	65		
	9	NPT 3/8"	T101.09 NGB 17-90°	T101.09 NGF 17-90°	25	65		
	12	BSP 1/2"	T101.12 DGB 21-90°	T101.12 DGF 21-90°	31	82		
	12	NPT 1/2"	T101.12 NGB 21-90°	T101.12 NGF 21-90°	31	82		
 135° Shut-off Coupler With Female Thread 135° Absperrende Kupplung mit Innengewinde	6	BSP 1/4"	T101.06 DGB 13-135°	T101.06 DGF 13-135°	19	59		
 Shut-off Coupler With Male Thread Absperrende Kupplung mit Außengewinde	6	BSP 1/4"	T101.06 EGB 13	T101.06 EGF 13	19	55	12	17
	9	BSP 3/8"	T101.09 EGB 17	T101.09 EGF 17	25	61	12	22
	12	BSP 1/2"	T101.12 EGB 21	T101.12 EGF 21	31	72	14	27
	16	BSP 3/4"	T101.16 EGB 26	T101.16 EGF 26	38	115.5	18	32
 90° Shut-off Coupler With Male Thread 90° Absperrende Kupplung mit Außengewinde	6	BSP 1/4"	T101.06 EGB 13-90°	T101.06 EGF 13-90°	19	58	11	17
	9	BSP 3/8"	T101.09 EGB 17-90°	T101.09 EGF 17-90°	25	66.5	12	21
	12	BSP 1/2"	T101.12 EGB 21-90°	T101.12 EGF 21-90°	31	81.5	14	27
	16	BSP 3/4"	T101.16 EGB 26-90°	T101.16 EGF 26-90°	38	121	18	32

FRENCH System

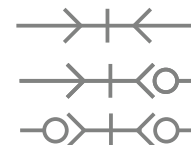


Add Z to the back of the code for order.
Um zu bestellen. Fügen Sie bitte Z am
ende den Bestell Nr hinzu



Plugs Nippel	Connection Anschlüsse (F/Ø)	Connection Anschlüsse (F/Ø)	Order No / Bestell Nr.	B	ØD	SW
 Tapered Male Threaded Plugs Nippel mit Konischem Außengewinde	6	BSPT 1/8"	T101.06 RU 10	21	10	5
	6	BSPT 1/4"	T101.06 RU 13	22	11	5
	6	NPT 1/8"	T101.06 TU 10	22	14	5
	6	NPT 1/4"	T101.06 TU 13	22	14	5
	9	BSPT 1/4"	T101.09 RU 13	21	14	8
	9	BSPT 3/8"	T101.09 RU 17	21	14	8
	9	NPT 1/4"	T101.09 TU 13	23	17	8
	9	NPT 3/8"	T101.09 TU 17	23	17	8
	12	BSPT 3/8"	T101.12 RU 17	26	18	10
 Tapered Male Threaded Plugs Nippel mit konischem Außengewinde	12	BSPT 1/2"	T101.12 RU 21	51.5		24
	12	NPT 3/8"	T101.12 TU 17	28		22
	12	NPT 1/2"	T101.12 TU 21	38		22
	16	BSPT 1/2"	T101.16 RU 21	39		24
	16	BSPT 3/4"	T101.16 RU 26	41.5		27
 Male Threaded Plugs Nippel mit Außengewinde	9	BSP 1/2"	T101.09 EU 21	25		22
	12	BSP 3/4"	T101.12 EU 26	30		27
	16	BSP 1"	T101.16 EU 33	38		32
	16	M24x1.5	T101.16 EUM 26	41.5		27
 Female Threaded Plugs Nippel mit Innengewinde	6	BSP 1/4"	T101.06 DU 13	34		17
	6	NPT 1/4"	T101.06 NU 13	47		17
	9	BSP 3/8"	T101.09 DU 17	37		22
	9	NPT 3/8"	T101.09 NU 17	49		22
	12	BSP 1/2"	T101.12 DU 21	45		27
	12	NPT 1/2"	T101.12 NU 21	67		27
	16	BSP 3/4"	T101.16 DU 26	58		32
	16	NPT 3/4"	T101.16 NU 26	80		32
 Plug for Rubber Hoses Nippel für Kautschukschlauch	6	Ø 8 5/16"	T101.06 HU 08	24.5		
	9	Ø12 15/32"	T101.09 HU 12	25.5		
	12	Ø16 5/8"	T101.12 HU 16	30		
	16	Ø19 3/4"	T101.16 HU 19	37		

FRENCH System



Shut-off Plugs Absperrend Nippel	NW Size/ Größe mm	Connection Anschlüsse (F/Ø)	Order No / Bestell Nr.	B	ØD	SW
Male Threaded Shut-off Plugs with parallel tread Absperrende Nippel mit zylindrischem Außengewinde	6	BSP 1/8"	T101.06 EUB 10	38		17
	6	BSP 1/4"	T101.06 EUB 13	36		17
	9	BSP 1/4"	T101.09 EUB 13	42		19
	9	BSP 3/8"	T101.09 EUB 17	38		20
	12	BSP 3/8"	T101.12 EUB 17	53.5		24
	12	BSP 1/2"	T101.12 EUB 21	50		24
	16	BSP 3/4"	T101.16 EUB 26	67		32
Tapered Male Threaded Shut-off Plugs Absperrende Nippel mit konischem Außengewinde	6	BSPT 1/8"	T101.06 RUB 10	36		17
	6	BSPT 1/4"	T101.06 RUB 13	33		17
	6	NPT 1/8"	T101.06 TUB 10	36		17
	6	NPT 1/4"	T101.06 TUB 13	33		17
	9	BSPT 1/4"	T101.09 RUB 13	39		19
	9	BSPT 3/8"	T101.09 RUB 17	39.5		19
	9	NPT 1/4"	T101.09 TUB 13	39		19
	9	NPT 3/8"	T101.09 TUB 17	35.5		19
	12	BSPT 3/8"	T101.12 RUB 17	51.5		24
	12	BSPT 1/2"	T101.12 RUB 21	46		24
	12	NPT 3/8"	T101.12 TUB 17	51.5		24
	12	NPT 1/2"	T101.12 TUB 21	46		24
	16	BSPT 3/4"	T101.16 RUB 26	62		32
	16	NPT 3/4"	T101.16 TUB 26	62		32
BSP Male Threaded Shut-off Plugs Absperrende Nippel mit BSP Außengewinde	9	BSP 1/2"	T101.09 EUB 21	25		22
	12	BSP 3/4"	T101.12 EUB 26	30		27
	16	BSP 1"	T101.16 EUB 33	38		32
Female Threaded Shut-off Plugs Absperrende Nippel mit Innengewinde	6	BSP 1/4"	T101.06 DUB 13	47		17
	6	NPT 1/4"	T101.06 NUB 13	47		17
	9	BSP 1/4"	T101.09 DUB 13	48.5		19
	9	NPT 1/4"	T101.09 NUB 13	48.5		19
	9	BSP 3/8"	T101.09 DUB 17	49		22
	12	NPT 1/2"	T101.12 NUB 21	85		27
	16	BSP 3/4"	T101.16 DUB 26	81		32
	16	NPT 3/4"	T101.16 NUB 26	81		32
Connecting Size Anschlußgröße	6		T101.06	17.5		
	9		T101.09	18.5		
	12		T101.12	23		
	16		T101.16	30		

FRENCH System



Assembling of straight - through plugs on the mould
Montagezeichnungen von Nippeln (ohne Ventil) in der Form

Tapered Male Threaded Plugs Nippel mit konischem Außengewinde	NW Size/ Größe mm	Connection Anschlüsse (F/Ø)	Order No / Bestell Nr.	A	ØB	ØC	D	SW
	6	BSPT 1/8"	T101.06 RU 10	26	20	10	9	5
	6	NPT 1/8"	T101.06 TU 10	28	20	11	9	5
	6	BSPT 1/4"	T101.06 RU 13	27	20	14	12	5
	6	NPT 1/4"	T101.06 TU 13	27	20	14	13	5
	9	BSPT 1/4"	T101.09 RU 13	26	26	14	12	8
	9	NPT 1/4"	T101.09 TU 13	26	26	14	13	8
	9	BSPT 3/8"	T101.09 RU 17	28	26	17	13	8
	9	NPT 3/8"	T101.09 TU 17	28	26	17	13	8
	12	BSPT 3/8"	T101.12 RU 17	31	33	18	13	10
	12	NPT 3/8"	T101.12 TU 17	55	36		11	24
	12	BSPT 1/2"	T101.12 RU 21	34	33		15	22
	12	NPT 1/2"	T101.12 TU 21	34	33		15	22
	16	BSPT 3/4"	T101.16 RU 26	50	40		19	27

Assembling of self-sealing plugs on the mould
Montagezeichnungen von Nippeln in der Form

BSP Male Threaded Shut-off Plugs Absperrende Nippel mit BSP Außengewinde	6	BSP 1/8"	T101.06 EUB 10	41	26		9	17
	6	BSP 1/4"	T101.06 EUB 13	38	26		12	17
	9	BSP 1/4"	T101.09 EUB 13	44	29		12	19
	9	BSP 3/8"	T101.09 EUB 17	40	30		13	20
	12	BSP 3/8"	T101.12 EUB 17	56	36		13	24
	12	BSP 1/2"	T101.12 EUB 21	52	36		15	24
	16	BSP 3/4"	T101.16 EUB 26	70	46		16	32
BSPT & NPT Male Threaded Shut-off Plugs Absperrende Nippel mit BSPT & NPT Außengewinde	6	BSPT 1/8"	T101.06 RUB 10	42	26		9	17
	6	NPT 1/8"	T101.06 TUB 10	42	26	9	17	
	6	BSPT 1/4"	T101.06 RUB 13	38	26		13	17
	6	NPT 1/4"	T101.06 TUB 13	38	26	13	17	
	9	BSPT 1/4"	T101.09 RUB 13	44	29		13	19
	9	NPT 1/4"	T101.09 TUB 13	44	29	13	19	
	9	BSPT 3/8"	T101.09 RUB 17	40	29		13	19
	9	NPT 3/8"	T101.09 TUB 17	40	29	13	19	
	12	BSPT 3/8"	T101.12 RUB 17	56	36		13	24
	12	NPT 3/8"	TT101.12 TUB 17	56	36	13	24	
	12	BSPT 1/2"	T101.12 RUB 21	52	36		15	24
	12	NPT 1/2"	T101.12 TUB 21	52	36	15	24	
	16	BSPT 3/4"	T101.16 RUB 26	70	46		16	32
	16	NPT 3/4"	T101.16 TUB 26	70	46	16	32	

FRENCH System

Couplers and Plugs
Kupplungen und NippelNW
Size/ Größe
mmConnection
Anschlüsse
(F/Ø)

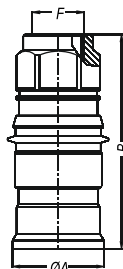
Order No / Bestell Nr.

ØA

B

C

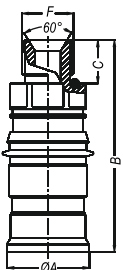
SW

Standard version - Standardversion
Viton O-Ring (FPM)
Double Shut-off - Beideseitig absperrendOptions - Optionen
E - EPDM Seal - EPDM Dichtung
F - Through Flow - Ungehinderter DurchflußShut-off Coupler With
Female Thread
Absperrende Kupplung mit
Innengewinde

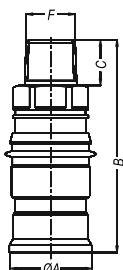
20	BSP 3/4"	T101.20 DGB 26	53	119.5	42
20	NPT 3/4"	T101.20 NGB 26	53	119.5	42
20	BSP 1"	T101.20 DGB 33	53	119.5	42
20	NPT 1"	T101.20 NGB 33	53	119.5	42
25	BSP 1"	T101.25 DGB 33	60	140	50
25	BSP 1"1/4	T101.25 DGB 42	60	140	50
38	BSP 1"1/2	T101.38 DGB 48	82	158	70
38	BSP 2"	T101.38 DGB 60	82	158	70

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: T101.20 EG 33 E-F)

Material - Material

Coupler Body -
Kupplungsgrundkörper
: Brass - Messing
Sleeve - Hülse : Stainless Steel - Edelstahl
Valve - Ventil : Brass - Messing
Springs - Federn : Stainless Steel - Edelstahl
Balls - Kugeln : Stainless Steel - Edelstahl
Seals - Dichtungen : Viton (V)
Plug - Nippel : Stainless Steel - EdelstahlShut-off Coupler With
Male Parallel Thread
Absperrende Kupplung mit
Parallelen Außengewinde

20	BSP 1"	T101.20 EGB 33	53	132	20	42
25	BSP 1"	T101.25 EGB 33	60	144	20	50
25	BSP 1"1/4	T101.25 EGB 42	60	144	21	50
38	BSP 1"1/2	T101.38 EGB 48	82	167	24	70

NPT Male Threaded
Shut-off Coupler
Absperrende Kupplung mit
NPT Außengewinde

20	NPT 1"	T101.20 TGB 33	53	132	20	42
25	NPT 1"	T101.25 TGB 33	60	144	20	50
25	NPT 1"1/2	T101.25 TGB 48	60	148.5	24.5	50
38	NPT 1"1/2	T101.38 TGB 48	82	167	24.5	70
38	NPT 2"	T101.38 TGB 60	82	167	24.5	70

FRENCH System



Standard version - Standardversion
Viton O-Ring (FPM)
Double Shut-off - Beideseitig absperrend

Options - Optionen
E - EPDM Seal - EPDM Dichtung
F - Through Flow - Ungehinderter Durchfluß

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: T101.20 EG 33 E-F)

Material - Material

Coupler Body -
Kupplungsgrundkörper

: Brass - Messing

Sleeve - Hülse : Stainless Steel - Edelstahl

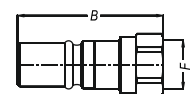
Valve - Ventil : Brass - Messing

Springs - Federn : Stainless Steel - Edelstahl

Balls - Kugeln : Stainless Steel - Edelstahl

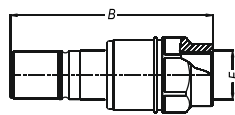
Seals - Dichtungen : Viton (V)

Plug - Nippel : Stainless Steel - Edelstahl



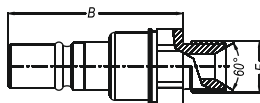
Plug With Female Thread
Nippel mit Innengewinde

20	BSP 1"	T101.20 DU 33	92	41
25	BSP 1"	T101.25 DU 33	100	41
38	BSP 1"1/2	T101.38 DU 48	110	65



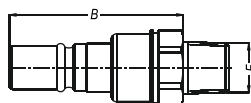
Shut-off Plug With Female Thread
Absperrende Nippel mit Innengewinde

20	BSP 3/4"	T101.20 DUB 26	126.5	42
20	BSP 1"	T101.20 DUB 33	126.5	42
20	NPT 1"	T101.20 NUB 33	126.5	42
25	BSP 1"	T101.25 DUB 33	148.5	50
25	BSP 1"1/4	T101.25 DUB 42	158	50
38	BSP 1"1/2	T101.38 DUB 48	156	70
38	BSP 2"	T101.38 DUB 60	156	70



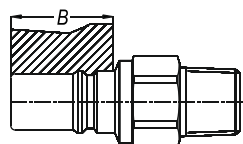
Shut-off Plug With Male
Parallel Thread
Absperrende Nippel mit
Außengewinde

20	BSP 1"	T101.20 EUB 33	120	42
25	BSP 1"	T101.25 EUB 33	131	50
25	BSP 1"1/4	T101.25 EUB 42	132	50
38	BSP 1"1/2	T101.38 EUB 48	156	70
38	BSP 2"	T101.38 EUB 60	161	70



NPT Male Threaded Shut-off Plug
Absperrende Nippel mit
NPT Außengewinde

20	NPT 1"	T101.20 TUB 33	120	42
25	NPT 1"	T101.25 TUB 33	127	50
25	NPT 1"1/2	T101.25 TUB 48	131.5	50
38	NPT 1"1/2	T101.38 TUB 48	156	70
38	NPT 2"	T101.38 TUB 60	161	70



Connecting Size
Anschlußgröße

20	T101.20	60
25	T101.25	72.5
38	T101.38	75

FRENCH System

T102 Flat Face & Non Spill Serie

T102 Leakagefreie Schnellkupplung

Applications:

- Cooling the mould and its components
- Conditioning the Thermoplastic Blow Moulding.
- Conditioning the Thermoplastic Injection Moulding
- Heat Transfer From The Origin With Mineral Oils (Up To 150°C)
- Heat Transfer From The Origin With Synthetic Oils (Up To 150°C)

Advantages:

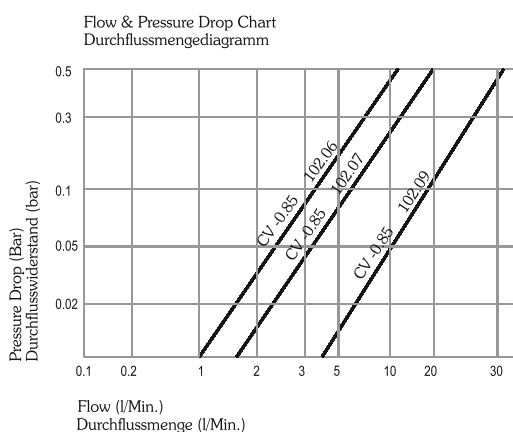
The flat faced T102 serie couplings prevent
to enter any dirt into the circuit
Max. flow , Min. size
High frequency Connections
Excellent Reliability And Efficiency.

Vorteile:

Leckagefreie Ausführung mit ebener Stirnfläche verhindern
die Verschmutzung des Arbeitsplatzes
Optimale Durchflussmenge bei geringstem Platzbedarf
Hohe Frequenz
Hohe Zuverlässigkeit und hoher Wirkungsgrad

Anwendungen:

- ² Kühlung von Werkzeugen und ihren Elementen
- ² Konditionierung von Blaswerkzeugen
- ² Konditionierung von Spritzgießwerkzeugen
- ² Verbinden und Spritzgießwerkzeugen mit mineralischen Wärmeträgerölen
- ² Verbinden und Trennen von Leitungen mit synthetischen Wärmeträgerölen



Double Shut-off
Beidseitig absperrend



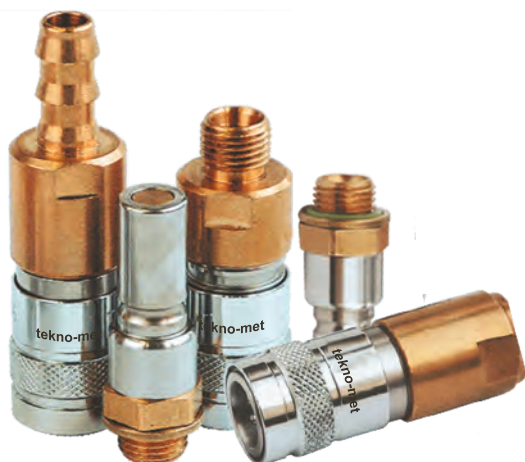
T102.06 T102.07 T102.09

Nominal Nennweite	Ø(mm.)	6	7	9
Max. Working Press. Max. Betriebsdruck	(bar)	50	50	50
Operating Temperature Betriebstemperatur	(°C)	-10°C, +150°C	-10°C, +150°C	-10°C, +150°C

Synthetic oil / Synthetisches Öl

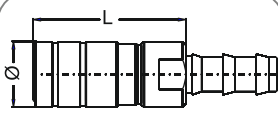
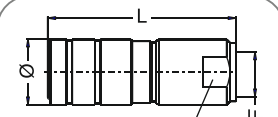
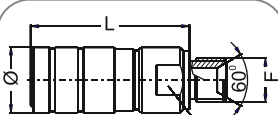


FRENCH System



Flat Face Type
Double Shut-off
Beidseitig Absperrbar



Couplers and Plugs Kupplungen und Nippel	Connection Anschlüsse F	Order No / Bestell Nr.	Ø	L	L1	SW
 Push-Lock Hose Coupler Kupplungen für Steckschlauch	06 Ø10	T102.06 FGB 10	22	55.5	20	
	07 Ø10	T102.07 FGB 10	22	55.5	20	
	09 Ø13	T102.09 FGB 13	28	57	24	
 Female Threaded Coupler Kupplungen mit Innengewinde	06 BSP 1/4"	T102.06 DGB 13	22	61	20	
	07 BSP 1/4"	T102.07 DGB 13	22	61	20	
	09 BSP 3/8"	T102.09 DGB 17	28	70	24	
 Male Threaded Coupler End Con. 60° Kupplungen mit Aussengewinde 60°	06 NPT 1/4"	T102.06 NGB 13	22	61	20	
	07 NPT 1/4"	T102.07 NGB 13	22	61	20	
	09 NPT 3/8"	T102.09 NGB 17	28	70	24	
 Male Threaded Coupler End Con. 24° Kupplungen mit Aussengewinde 24°	06 BSP1/4"	T102.06 EGB 13	22	47	20	
	06 BSP3/8"	T102.06 EGB 17	22	47	20	
	07 BSP1/4"	T102.07 EGB 13	22	47	20	
	09 BSP3/8"	T102.09 EGB 17	28	70	24	
	06 M16x1.5	T102.06 EGB 16-10	22	47	20	
	07 M16x1.5	T102.07 EGB 16-10	22	47	20	
	09 M18x1.5	T102.09 EGB 18-12	28	70	24	
	06 NPT1/4"	T102.06 TGB 13	22	61	20	
	07 NPT1/4"	T102.07 TGB 13	22	61	20	
	09 NPT3/8"	T102.09 TGB 17	28	70	24	

Flat Face Type
Flat Face Typ in Leakagefreier
Ausführung

Temperature Range-Temperaturbereich
-15°C +150°C (+5°F +302°F) Mineral Oil
-15°C +200°C (+5°F +392°F) Synthetic Oil

Working Pressure - Betriebsdruck
0 - 50 bar (0 - 725 PSI)

Flow capacity - Größen
NW - 6 / 102.06
NW - 7 / 102.07
NW - 9 / 102.09

Standard Version - Standardversion
Without plating - Ohne Beschichtung
O-Ring - Dichtung - Fluorocarbon (FPM)
Double shut-off - Beidseitig absperrend
Flat Face Type - Flat Face Typ

Material - Material

Coupler body - Kupplungsgrundkörper	:Stainless Steel - Edelstahl
Back Part- Rückwartiger	:Brass - Messing
Sleeve - Hülse	:Steel - Stahl
Valve - Ventil	:Brass - Messing
Locking O-Ring - Sprengring	:Stainless Steel - Edelstahl
Springs - Federn	:Stainless Steel - Edelstahl
Balls - Kugeln	:AISI 420 & Hardened - Gehärtet AISI 420
Seals - Dichtungen	:Viton (V) - Viton (V)
Plug - Nippel	:Stainless Steel - Edelstahl
Plug Back Part - Hinterer Nippel	:Brass - Messing

FRENCH System

Flat Face Type
Double Shut-off
Beidseitig Absperrrbar



Flat Face Type
Flat Face Typ in Leckagefreier
Ausführung

Temperature Range-Temperaturbereich
-15°C +150°C (+5°F +302°F) Mineral Oil
-15°C +200°C (+5°F +392°F) Synthetic Oil

Working Pressure - Betriebsdruck
0 - 50 bar (0 - 725 PSI)

Flow capacity - Größen
NW - 6 / 102.06
NW - 7 / 102.07
NW - 9 / 102.09

Standard Version - Standardversion
Without plating - Ohne Beschichtung
O-Ring - Dichtung - Fluorocarbon (FPM)
Double shut-off - Beidseitig absperrend
Flat Face Type - Flat Face Typ

Material - Material

Coupler body - Kupplungsgrundkörper	:Stainless Steel - Edelstahl
Back Part - Rückwärtiger Sleeve - Hülse	:Brass - Messing :Steel - Stahl
Valve - Ventil	:Brass - Messing
Locking O-Ring - Sprengring	:Stainless Steel - Edelstahl
Springs - Federn	:Stainless Steel - Edelstahl
Balls - Kugeln Gehärtet AISI 420	:AISI 420 & Hardened -
Seals - Dichtungen Plug - Nippel	:Viton (V) - Viton (V) :Stainless Steel - Edelstahl
Plug Back Part - Hinterer Nippel	:Brass - Messing



Couplers and Plugs Kupplungen und Nippel	Connection Anschlüsse F	Order No / Bestell Nr.	Ø	L	L1	SW
90° Elbow Male Threaded Coupler End Con. 60° 90° Kupplungen mit Aussengewinde 60°	06 BSP1/4"	T102.06 EGB 13-90	22	49	12	20
	06 BSP3/8"	T102.06 EGB 17-90	22	49	12	20
	07 BSP1/4"	T102.07 EGB 13-90	22	49	12	20
	09 BSP3/8"	T102.09 EGB 17-90	28	70	18	24
90° Elbow Male Threaded Coupler End Con. 24° 90° Kupplungen mit Aussengewinde 24°	06 M16x1.5	T102.06 EGB 16-10-90	22	47	12	20
	07 M16x1.5	T102.07 EGB 16-10-90	22	47	12	20
	09 M18x1.5	T102.09 EGB 18-12-90	28	70	18	24
90° Elbow Female Threaded Coupler 90° Kupplungen mit Innengewinde	06 BSP 1/4"	T102.06 DGB 13-90	22	49	12	20
	07 BSP 1/4"	T102.07 DGB 13-90	22	49	12	20
	09 BSP 3/8"	T102.09 DGB 17-90	28	70	18	24
Male Threaded Plug 60° Nippel mit Aussengewinde (60°)	06 BSP1/4"	T102.06 EUB 13		42		17
	07 BSP1/4"	T102.07 EUB 13		42		17
	09 BSP3/8"	T102.09 EUB 17		54		24
Male Threaded Plug (With O-Ring) Nippel mit Aussengewinde mit O-Ring	06 BSP1/4"	T102.06 EUB 13-01			43	17
	07 BSP1/4"	T102.07 EUB 13-01			43	17
NPT Male Threaded Plug Nippel mit Aussengewinde mit NPT	06 NPT1/4"	T102.06 TUB 13		42		17
	07 NPT1/4"	T102.07 TUB 13		42		17
	09 NPT3/8"	T102.09 TUB 17		55		24

FRENCH System



Flat Face Type
Double Shut-off
Beidseitig Absperrbar



Flat Face Type
Flat Face Typ in Leckagefreier
Ausführung

Couplers and Plugs Kupplungen und Nippel	Connection Anschlüsse F	Order No / Bestell Nr.	L	L1	SW
Male Threaded Plug 60° Nippel mit Aussengewinde (60°)	06 BSP1/4"	T102.06 EUB 13-03	44		17
Extension Male Threaded Plug (With O-Ring) Nippel mit Verlängerungs Aussengewinde mit O-Ring	06 BSP1/4"	T102.06 EUB 13-03x80	82		17
	06 BSP1/4"	T102.06 EUB 13-03x110	110		17
Conical Male Threaded Plug Nippel mit con. Aussengewinde mit	06 BSPT1/4"	T102.06 RUB 13-03	40		17
	06 NPT1/4"	T102.06 TUB 13-03	41		17
Male Threaded Plugs Nippel mit Aussengewinde	06 BSP1/4"	T102.06 EUB 13-04	46.5		22
	06 BSP3/8"	T102.06 EUB 17-04	47		22
90° Elbow Male Threaded Plug End Con. With O-Ring and nut. 90° Nippel mit Aussengewinde und Kontermutter	06 BSP1/4"	T102.06 AUB 13-90	64.5	37	17
	07 BSP1/4"	T102.07 AUB 13-90	64.5	37	17
	09 BSP3/8"	T102.09 AUB 17-90	59	34	17

Temperature Range-Temperaturbereich
-15°C +150°C (+5°F +302°F) Mineral Oil
-15°C +200°C (+5°F +392°F) Synthetic Oil

Working Pressure - Betriebsdruck
0 - 50 bar (0 - 725 PSI)

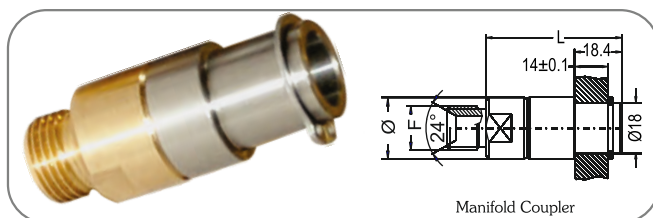
Flow capacity - Größen
NW - 6 / 102.06
NW - 7 / 102.07
NW - 9 / 102.09

Standart Version - Standardversion
Without plating - Ohne Beschichtung
O-Ring - Dichtung - Fluorocarbon (FPM)
Double shut-off - Beidseitig absperrend
Flat Face Type - Flat Face Typ

Material - Material

Coupler body - Kupplungsgrundkörper	:Stainless Steel - Edelstahl
Back Part - Rückwartiger Sleeve - Hülse	:Brass - Messing
Valve - Ventil	:Steel - Stahl
Locking O-Ring - Sprengnring	:Brass - Messing
Springs - Federn	:Stainless Steel - Edelstahl
Balls - Kugeln	:Stainless Steel - Edelstahl
Seals - Dichtungen	:AISI 420 & Hardened - Gehärtet AISI 420
Plug - Nippel	:Viton (V) - Viton (V)
Plug Back Part - Hinterer Nippel	:Stainless Steel - Edelstahl
	: Brass - Messing

Coupler for Multi-Couplings



Bağlantı Ölçüleri Connection F	Sipariş No - Order No	Ø	L	SW
06 M16x1.5	MMT102.06 EGB 16-10	22	44	22

FRENCH System

Interchangeability - Kompatibilität

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

Working Pressure - Betriebsdruck
0 - 10 bar (0 - 145 PSI)

Flow capacity - Größen
NW - 106.25
NW - 106.33
NW - 106.50

Standard version - Standardversion
Full Flow - Feier Durchfluss nicht absperrbar
Chrome plated - Verchromt
Ni - Nitrile NBR

Options - Optionen
E - EPDM (Ethylene-propylene)
V - Fluorocarbene Seal - Fluorocarbene Dichtung

For optional orders please add the symbol
of your option end of the order no.
Optionsbestellungen Kennbuchstabe
bitte hinzufügen (Beispiel: T106.25 DGF 33-E-V)

Using Area

- On temperature regulation Applications with hot or cold water, oil etc.
- Injection moulding industries.
- On steam line.
- Suction coupling industries (plastic Granile carrier coupling)
- Full Flow passage

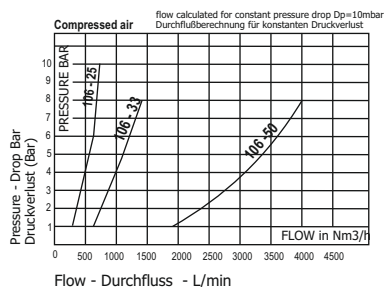
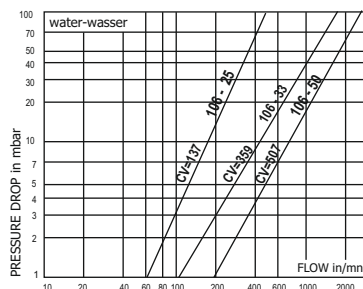
Anwendungsbereiche

- Zuleitung für die Temperierung - Druckluft
- Kühlung mit Öl oder Wasser
- Kunststoffindustrie
- Dampfanwendungen
- Kupplung für Materialbelförderung (Kunststoffgranulat)
- Voller Durchgang



Material - Material

Coupler body - Kupplungsgrundkörper	:Brass Chrome Plated - Messing Verchromet
Back Part -Rückwartiger	:Brass Nickel Plated - Messing Vernickelt
Sleeve - Hülse	:BrassChrome Plated - Messing Verchromed
Springs - Federn	:Stainless Steel - Edelstahl
Locking O-Ring-Sprengtring	:Stainless Steel - Edelstahl
Balls -Kugeln	:Stainless Steel - Edelstahl
Seals - Dichtungen	:Buna (M) - Buna (M)
Plug - Nippel	:AISI-420 Hardened- Gehärtet)



FRENCH System



Couplers and Plugs Kupplungen und Nippel	Body Size Graußen	Connection Anschlüsse Ød	Order No/Bestell Nr.	Ød1	L	L1	SW
 Socket female threaded Kupplung mit Innengewinde	25	1"	T106.25 DG 33	54	46		57
	33	1.1/4"	T106.33 DG 42	65	54		62
	42	1.1/2"	T106.42 DG 48	78	62		50
	50	2"	T106.50 DG 60	89	77		70
	63	2.1/2"	T106.63 DG 75	109	84		90
	110	4"	T106.110 DG 113	180	175		
 Male threaded Socket Kupplung mit Aussengewinde	25	1"	T106.25 EG 33	54	46	19	57
	33	1.1/4"	T106.33 EG 42	65	54	19	62
	42	1.1/2"	T106.42 EG 48	78	62	20	50
	50	2"	T106.50 EG 60	89	77	25	70
	63	2.1/2"	T106.63 EG 75	109	84	27	90
 Female threaded hose tail (chrome brass) Kupplung mit Innengewinde Schlauchtülle	25	25mm	T106.25 HG 33	54	117	50	41
	25	25mm	T106.25 HG 32	54	117	50	41
	33	33mm	T106.33 HG 32	65	122	50	50
	33	33mm	T106.33 HG 38	65	122	50	50
	42	42mm	T106.42 HG 44	78	126	50	60
	50	50mm	T106.50 HG 50	89	149	50	70
	63	63mm	T106.63 HG 63	109	179	50	90
 Cylindrical female thread plug Nippel mit Innengewinde zylindrisch	25	1"	106.25 DU 33	45	41		61
	33	1.1/4"	106.33 DU 42	55	50		66
	50	2"	106.50 DU 60	75	71		78
 Cylindrical male thread plug with valve Verschlussnippel mit Aussengewinde zylindrisch	25	1"	106.25 DUB 33	45	88		41
	33	1.1/4"	106.33 DUB 42	64	105		55
 Cylindrical male thread plug Nippel mit Aussengewinde zylindrisch	25	1"	106.25 EU 33	45	88	19	41
	33	1.1/4"	106.33 EU 42	55	95	19	50
	42	1.1/2"	106.42 EU 48	65	106	20	60
	50	2"	106.50 EU 60	65	118	25	71
	63	2.1/2"	106.63 EU 75	75	130	27	84
 Standard hose tail plug Nippel mit gerader Standard - Schlauchanschluß	25	25mm	106.25 HU 25	45	122	50	41
	25	25mm	106.25 HU 33	45	122	50	41
	33	32mm	106.33 HU 42	55	127	50	50
	33	38mm	106.33 HU 38	55	127	50	50
	42	44mm	106.42 HU 44	65	131	50	60
	50	52mm	106.50 HU 52	75	149	50	71
	63	63mm	106.63 HU 63	90	178	75	84

FRENCH System

Application areas

- High pressure hydraulic circuits
T103.08 - 0 - 450 bar (0 - 6226 PSI)
T103.12 - 0 - 350 bar (0 - 5076 PSI)
- Connection of hydraulic pumps, pistons, valves and distributors
- Connection static and dynamic test benches

Specifications

- Automatically one hand operation
 - Free of bubbles
- The construction of T103 serie couplers don't cause any air bubbles on connection and disconnection of hydraulic systems
- Protected sealing parts and locking systems

Construction

- Main parts in chrome and hard steel
- Springs are from stainless steel
- Anti corrosion protection
- Nitrile seals

Nutzungsbereich

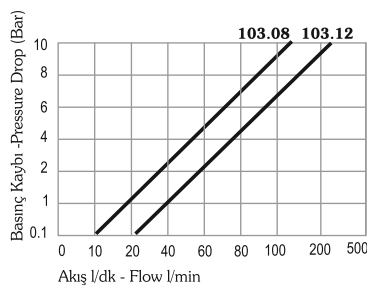
- Für hydraulische Kreisläufe mit Hockdruck
T103.08 - 0 - 450 bar (10 - 6226 PSI)
T103.12 - 0 - 350 bar (10 - 5076 PSI)
- Für Anschluß von hydraulischen Pumpen, Kolben, Ventilen sowie Multikupplungen
- Für statische oder dynamische Prüfstände

Eigenschaften

- Automatische Einhandbedingungen
- Keine Luftblasen während der Verriegelung und Entriegelung
- Hohe Effektivität wegen etwa null Druckverlusten
- Hohe Lebensdauer von Dichtung und Verriegelungssysteme

Konstruktive Eigenschaften

- Hauptbauelemente aus gehärtetem Stahl
- Kugeln und Feder aus Edelstahl
- hohe Verschleißfestigkeit
- O-Ring "Nitril" (NBR)

Ball-Lock Model
Kugelverriegelung

Temperature Range - Temperaturbereich
-20°C +100°C (-4°F +250°F)

Working Pressure - Betriebsdruck
103.08 - 0 - 450 bar (0 - 6226 PSI)
103.12 - 0 - 350 bar (0 - 5076 PSI)

Flow Capacity - Größen
NW - 103.08 - 8 mm (5/16")
NW - 103.12 - 12 mm (1/2")

Standard version - Standardversion

Main Parts of the Coupler -

Material Vorwiegend:

AISI 420 Chrome steel -

AISI 420 Chromstahl

Seal - Dichtung: Fluorocarbon - FPM (V)

Locking balls - Kugeln:

103.08 - 10 units-Stück

103.12 - 12 units-Stück

Plug - Nippel: AISI 420 Chrome

Steel Hardened - Gehärtet Chromstahl

Options - Optionen

Seal - Dichtung

W - Perfluoroelastomer FFKM

E - Ethylene-propylene EPDM

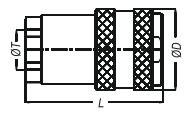
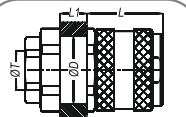
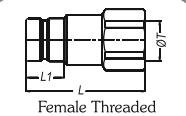
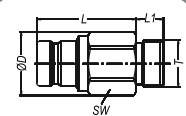
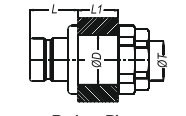
Ni - Nitrile NBR

For optional orders please add the symbol of your option end of the order no.
Optionsbestellungen Kennbuchstabe bitte hinzufügen (Beispiel: T103.08DGB 21-W)

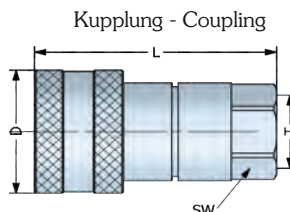
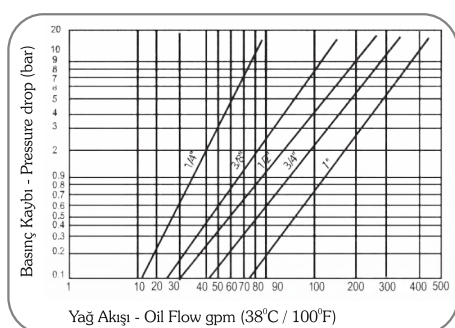
* Left hand thread
Linksgewinde

If the circuits subjected to vibration or pressure, use the T103 serie coupling with screw-down locking or safety type

Für die Kreislagen, die Vibration oder Druck unterworfen sind, bitte die Sicherheitskupplung verwenden.

Couplers and Plugs Kupplungen und Nippel	Body Size Baugröße	Connection Anschlüsse ØT	Order No / Bestell Nr.		L	L1	ØD	SW
			Standard	Safety Type Sicherheitskupplung				
 Female Threaded Coupler Kupplung mit Innengewinde	08	1/2"BSP	T103.08 DGB 21	T103.08 DGBS 21	72		40	30
	12	3/4"BSP	T103.12 DGB 26	T103.12 DGBS 26	89		50	41
 Female Threaded Built-in Coupler Kupplung mit Schottverschraubung	08	1/2"BSP	T103.08 MGB 21	T103.08 MGBS 21	41		13 M34x1*	
	12	3/4"BSP	T103.12 MGB 26	T103.12 MGBS 26	47		22 M48x1.5	
 Female Threaded shut-off Plug Nippel - automatisch absperrend	08	1/2"BSP	T103.08 DUB 21		63	20		30
	12	3/4"BSP	T103.12 DUB 26		74	25		41
 Male Threaded shut-off Plug Verschlußnippel mit Außengewinde	08	1/2"BSP	T103.08 EUB 21		51	14	33	30
	08	M22x1.5	T103.08 EUBM 22		51	14	33	30
	08	M24x1.5	T103.08 EUBM 24		51	14	33	30
 Built-in Plug Nippel mit Schottverschraubung	08	1/2"BSP	T103.08 MUB 21		24	13	M26x1*	
	12	3/4"BSP	T103.12 MUB 26		30	22	M36x1	

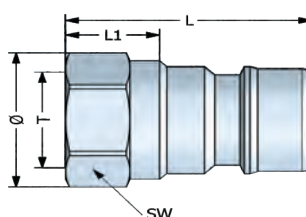
FRENCH System

HYDRAULISCHE KUPPLUNGEN
HYDRAULIC COUPLINGSKuplung Mit Innengewinde
Female Threaded CouplingKompatibilität - Interchangeability:
FASTER NL SERIES,According to request is manufactured
wird auf Antrag Hergestellt
from AISI 303 and AISI 316TiStandard version - Standard version
Voller Fluss - Durchfluss - Full Flow - Straight flow
Stahl - SteelZinkbeschichtetes, gelbes Chrom -
Zinc Plated with yellow chromate -
Nitrile NBRArbeitstemperatur - Temperature Range :
-25 OC +125 OC / -13 OF +257 OF
Standard Dichtung - With standard seals -
: Nitrile NBR**Material - Material**

Kupplungskörper -
Coupler Body : Stahl - Steel
Deckel - Sleeve : Stahl - Steel
Ventil - Valve : Stahl - Steel
Feder - Springs : Stahl - Steel
Kugeln - Balls : Edelstahl -
Stainless Steel
Dichtung - Seals : Nitrile NBR

Achtung: Nur die Nennwerte stimmen mit der
Spitze und dem Körper übereinAttention: Only plug and socket with the same
thread fit together.

Nippel - Plug



Nippel mit Innengewinde - Female Thread Plug

Anschlüsse Connection T	Bestell Nr. Order No	SW		L		Ø		Arbeitsdruck Working Pressure	
		mm	inches	mm	inches	mm	inches	Bar	PSI
BSPP 1/4"	T080 DUF 13	19	0.75	33	1.30	21	0.83	350	5075
NPTF 1/4"	T080 NUF 13	19	0.75	33	1.30	21	0.83	350	5075
BSPP 3/8"	T080 DUF 17	24	0.94	39	1.54	27	1.06	300	4350
NPTF 3/8"	T080 NUF 17	24	0.94	39	1.54	27	1.06	300	4350
BSPP 1/2"	T080 DUF 21	27	1.06	44	1.73	30	1.18	250	3625
NPTF 1/2"	T080 NUF 21	27	1.06	44	1.73	30	1.18	250	3625
BSPP 3/4"	T080 DUF 26	36	1.41	55	2.16	38	1.05	250	3625
NPTF 3/4"	T080 NUF 26	36	1.41	55	2.16	38	1.05	250	3625
BSPP 1"	T080 DUF 33	41	1.61	63	2.48	45	1.77	230	3335
NPTF 1"	T080 NUF 33	41	1.61	63	2.48	45	1.77	230	3335

FRENCH System

HYDRAULIC COUPLINGS
HYDRAULISCHE KUPPLUNGEN

Please ask for Interchangeability
Kompatibilität zu anderen
Anbietern auf Anfrage
ISO 16028

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

Standard version - Standardversion
Steel - Stahl

Zinc plated with white chromate -
Verzinkt mit gelb chromatier
Nitrile - NBR (Ni)

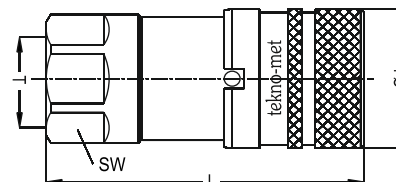
Working Pressure - Betriebsdruck



ISO 16028



Female Threaded Coupler
Kupplung mit Innengewinde



Body Size Baugröße	Max. Working Pres. Coupled Max. Betriebsdruck (gekuppelt)	Burst Pres. Coupled Betriebsdruck (gekuppelt)	Burst Pres. Plug Betriebsdruck Nippel	Burst Pres. Socket Betriebsdruck Kupplung
T072.06	325	1200	1200	700
T072.10	325	1200	1200	700
T072.12	325	1200	1200	700
T072.16	270	1100	1100	700
T072.19	270	950	950	500
T072.25	250	900	950	500

Material - Material

Coupler Body

Kupplungsgrundkörper
Back Part-Rückwartiger

:Steel - Stahl
:Steel - Stahl

Sleeve - Hülse

:Steel - Stahl

Valve - Ventil

:Steel - Stahl

Springs - Federn

:Spring Steel - Federstahl

Locking O-Ring-

Sprengring

:Spring Steel-Federstahl

Balls - Kugeln

:Stainless Steel- Edelstahl

Seals - Dichtungen

:Nitrile - NBR (Ni)

Plug - Nippel

:Steel - Stahl

Sleeve :

Hardened and solid barstock construction for a quality coupling giving maximum resistance to damage from hydraulic and mechanical shock. Performs as a spring loaded "locking latch".

Safety sleeve lock :

When the coupling is dragged along the ground to prevent accidental disconnection. Sleeve is rotated to engage the lock.

Locking balls :

A large number of locking balls distribute the work load evenly while providing alignment to reduce hose torque and prolong hose life.

Valve :

When connection or disconnection of T072 series employ flush valving.

Seal :

The seal is constructed for high pressure and therefore manufactured from NBR.

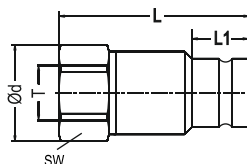
Male part :

Male is manufactured from steel and allowed one hand operation.

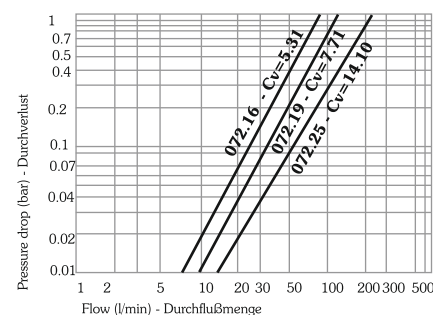
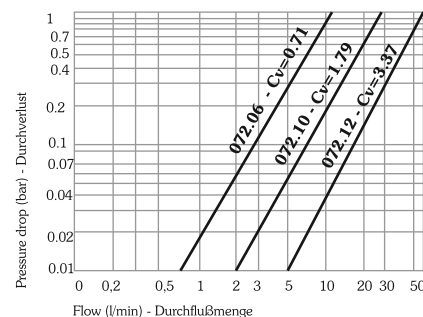
Body Size Baugröße Ø	Connection Anschlüsse T	Order No Bestell Nr.	SW	L Lenght Länge	Ød Dia.
1/4" 6	BSP 1/4"	T072.06 DGB 13	27	53	28
	NPT 1/4"	T072.06 NGB 13	27	53	28
	9/16" UNF-18	T072.06 UGB 14	27	56	28
3/8" 10	BSP 3/8"	T072.10 DGB 17	27	62	30.5
	BSP 1/2"	T072.10 DGB 21	27	71	30.5
	NPT 3/8"	T072.10 NGB 17	27	62	30.5
	NPT 1/2"	T072.10 NGB 21	27	71	30.5
	UNF 9/16"-18	T072.10 UGB 14	27	62	30.5
	UNF 3/4"-16	T072.10 UGB 19	27	71	30.5
1/2" 12	BSP 1/2"	T072.12 DGB 21	35	83	39
	NPT 1/2"	T072.12 NGB 21	35	83	39
	UNF 7/8"-14	T072.12 UGB 22	35	83	39
	BSP 3/4"	T072.12 DGB 26	35	83	39
	NPT 3/4"	T072.12 NGB 26	35	83	39
	UNF 1.1/16"-12	T072.12 UGB 27	35	83	39
5/8" 16	BSP 3/4"	T072.16 DGB 26	36	86	42
	NPT 3/4"	T072.16 NGB 26	36	86	42
	UNF 1.1/16"-12	T072.16 UGB 27	36	86	42
3/4" 19"	BSP 1"	T072.19 DGB 33	41	97	48
	NPT 1"	T072.19 NGB 33	41	97	48
	UNF 1.5/16"-12	T072.19 UGB 33	41	97	48
1 " 25	BSP 1.1/4"	T072.25 DGB 42	55	106	55
	NPT 1.1/4"	T072.25 NGB 42	55	106	55
	UNF 1.5/8"-12	T072.25 UGB 41	55	106	55

HYDRAULIC COUPLINGS
HYDRAULISCHE KUPPLUNGEN

ISO 16028

Female Threaded Plug
Nippel mit Innengewinde

Body Size Baugröße Ø	Connection Anschlüsse T	Order No Bestell Nr.	SW	L Lenght Länge	L1	Ød Dia.
1/4" 6	BSP 1/4"	T072.06 DUB 13	22	48	12	24
	NPT 1/4"	T072.06 NUB 13	22	48	12	24
	UNF 9/16"-18	T072.06 UUB 14	22	51	12	24
3/8" 10	BSP 3/8"	T072.10 DUB 17	24	62	17	27.4
	BSP 1/2"	T072.10 DUB 21	27	68.5	17	30
	NPT 3/8"	T072.10 NUB 17	24	62	17	27.4
	NPT 1/2"	T072.10 NUB 21	27	68.5	17	30
	UNF 9/16"-18	T072.10 UUB 14	24	62	17	27.4
	UNF 3/4"-16	T072.10 UUB 19	27	68.5	17	30
1/2" 12	BSP 1/2"	T072.12 DUB 21	30	69	18	33
	NPT 1/2"	T072.12 NUB 21	30	69	18	33
	UNF 7/8"-14	T072.12 UUB 22	30	69	18	33
	BSP 3/4"	T072.12 DUB 26	35	69	18	39
	NPT 3/4"	T072.12 NUB 26	35	69	18	39
	UNF 1.1/16"-12	T072.12 UUB 27	35	69	18	39
5/8" 16	BSP 3/4"	T072.16 DUB 26	35	75	18	39
	NPT 3/4"	T072.16 NUB 26	35	75	18	39
	UNF 1.1/16"-12	T072.16 UUB 27	35	75	18	39
3/4" 19	BSP 1"	T072.19 DUB 33	46	84	24	50
	NPT 1"	T072.19 NUB 33	46	84	24	50
	UNF 1.5/16"-12	T072.19 UUB 33	46	84	24	50
1" 25	BSP 1.1/4"	T072.25 DUB 42	55	90	24	60
	NPT 1.1/4"	T072.25 NUB 42	55	90	24	60
	UNF 1.5/8"-12	T072.25 UUB 41	55	90	24	60



Test oil viscosity / Test hydrauliköl der viskosität :
Oil - Oel ISO Vg32
Temp. : 40°C Viscosity: 28.8 - 35.2 cst.
Direction of flow : Socket to Plug

Material : Stahl

Schiebehülse:

Die Schiebehülse ist aus hochfestem Stahl gefertigt.
Sie ist extrem widerstandsfähig gegen Druckstöße
sowie gegen mechanische Beschädigung.

Sicherheitsverriegelung :

Durch Verdrehen der Schiebehülse kann der
Verriegelungsmechanismus der Schiebehülse blockiert
werden, wodurch ein unbeabsichtigtes Entkuppeln
verhindert wird.

Verriegelungskugeln :

Ein große Anzahl von Kugeln verteilt die Last
gleichmäßig auf die Verriegelungsbahn.

Ventil : Die Flachdichtventile zeichnen sich beim
Kuppeln und Entkuppeln durch minimalen
Leckölverlust aus.

Dichtungen :

Die Dichtungen sind speziell für hohe Drücke
konzipiert. Standardmäßig ist die Serie T072 mit
NBR-Dichtungen (Nitril) ausgerüstet.

Stecker : Die Kupplungsstecker sind aus hochfestem
Stahl gefertigt.

Kupplungsvorgang :

Die Kupplung kann bei befestigter Muffe mit einer
Hand betätigt werden.

FRENCH System

HYDRAULIC COUPLINGS
HYDRAULISCHE KUPPLUNGEN

ISO 7241-A



Interchangeability-Kompatibilität:
FASTER ANV SERIES, STUCCHI BIR SERIES,
INTERTRACO A SERIES,
SAFEGWAY S565, HANSEN
HA 15000 (GROMELLE)

According to request is manufactured
from AISI 303 and AISI 316TI
Auf Anfragen in Edelstahl :
AISI 303 und AISI 316TI

Standard version - Standardversion
Double Shut off - doppelt absperierbar
Steel - Stahl

Zinc Plated with yellow chromate -
Gelb verzinkt chromatiert
Buna (M) - Buna (M)

Temperature Range - Temperaturbereich :
-25 OC +125 OC / -13 OF +257 OF
With standard seals -
Mit standard Dichtung : Buna (M) NBR

Material - Material

Coupler Body-

Kupplungsgrundkörper : Zinc Plated - verzinkt

Sleeve - Hülse : Steel - Stahl

Valve - Ventil : Steel - Stahl

Springs - Federn : Steel - Stahl

Balls - Kugeln : Stainless Steel -

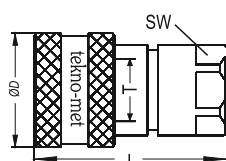
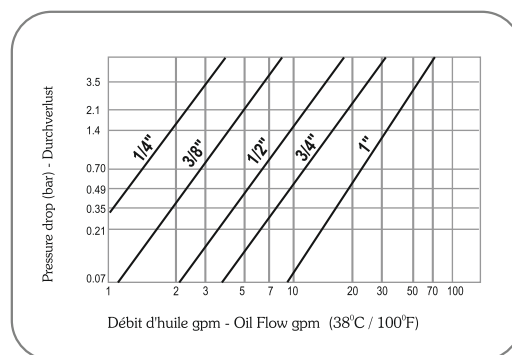
Edelstahl

Seals - Dichtungen : Nitrile (Ni) - NBR (Ni)

Attention: Only plug and socket with the same
thread fit together.

Achtung : Nur Nippel und Fassungen mit
demselben Gewinde passen zusammen

Coupling - Kupplung

Female Thread Coupler
Kupplung mit Innengewinde

Connection Anschlüsse T	Order No Bestell Nr.	SW		L		Ø		Working Pressure Betriebsdruck	
		mm	inches	mm	inches	mm	inches	Bar	PSI
BSPP 1/4"	T076 DGB 13	19	0.75	48	1.86	25	0.98	400	5800
NPTF 1/4"	T076 NGB 13	19	0.75	48	1.86	25	0.98	400	5800
BSPP 3/8"	T076 DGB 17	22	0.87	57	2.24	31	1.22	300	4350
NPTF 3/8"	T076 NGB 17	22	0.87	57	2.24	31	1.22	300	4350
BSPP 1/2"	T076 DGB 21	27	1.06	66	2.60	38	1.49	250	3625
NPTF 1/2"	T076 NGB 21	27	1.06	66	2.60	38	1.49	250	3625
BSPP 3/4"	T076 DGB 26	34	1.34	82.5	3.25	48	1.88	250	3625
NPTF 3/4"	T076 NGB 26	34	1.34	82.5	3.25	48	1.88	250	3625
BSPP 1"	T076 DGB 33	41	1.62	100	3.94	56	2.2	230	3335
NPTF 1"	T076 NGB 33	41	1.62	100	3.94	56	2.2	230	3335
BSPP 1.1/4"	T076 DGB 42	50	1.96	115	4.52	70	2.75	220	3190
NPTF 1.1/4"	T076 NGB 42	50	1.96	115	4.52	70	2.75	220	3190
BSPP 1.1/2"	T076 DGB 48	60	2.36	131.5	5.17	84	3.30	200	2900
NPTF 1.1/2"	T076 NGB 48	60	2.36	131.5	5.17	84	3.30	200	2900

HYDRAULIC COUPLINGS
HYDRAULISCHE KUPPLUNGEN

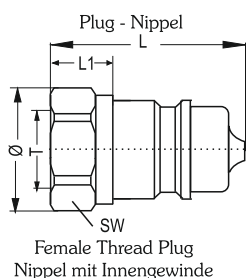
ISO 7241-A

**Functions :**

If the socket and plug valves seal instantly, automatically shutting off fluid flow to prevent leakage. If the socket and plug valves push together, opening to permit free flow of fluid through coupler. O-ring in the socket seals the plug surface preventing any leakage.

Funktionen :

Wenn Kupplung und Nippel entkuppelt werden, verschliessen die Ventildichtungen sofort automatisch den Flüssigkeitsfluss und ein Auslaufen der Flüssigkeit wird verhindert. Wenn Kupplung und Nippelenteile gekuppelt werden, erlaubt dies das Durchfließen der Flüssigkeit durch die Kupplung. Der O-Ring in den Nippeldichtungen an der Nippeloberfläche verhindert jegliche Leckage.



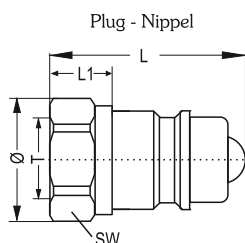
Connection Anschlüsse T	Order No Bestell Nr.	SW		L		L1		Ø		Working Pressure Betriebsdruck	
		mm	inches	mm	inches	mm	inches	mm	inches	Bar	PSI
BSPP 1/4"	T076 DUB 13	19	0.75	38.6	1.52	14.5	0.57	22	0.86	400	5800
NPTF 1/4"	T076 NUB 13	19	0.75	38.6	1.52	14.5	0.57	22	0.86	400	5800
BSPP 3/8"	T076 DUB 17	23	0.91	39	1.54	18	0.70	26.5	1.04	300	4350
NPTF 3/8"	T076 NUB 17	23	0.91	39	1.54	18	0.70	26.5	1.04	300	4350
BSPP 1/2"	T076 DUB 21	27	1.06	44	1.73	22	0.92	31	1.22	250	3625
NPTF 1/2"	T076 NUB 21	27	1.06	44	1.73	22	0.92	31	1.22	250	3625
BSPP 3/4"	T076 DUB 26	35	1.38	55	2.17	27.5	1.08	40	1.58	250	3625
NPTF 3/4"	T076 NUB 26	35	1.38	55	2.17	27.5	1.08	40	1.58	250	3625
BSPP 1"	T076 DUB 33	41	1.62	66	2.60	34	1.33	47	1.85	230	3335
NPTF 1"	T076 NUB 33	41	1.62	66	2.60	34	1.33	47	1.85	230	3335
BSPP 1.1/4"	T076 DUB 42	50	1.96	73	2.87	29	1.14	55.5	2.18	220	3190
NPTF 1.1/4"	T076 NUB 42	50	1.96	73	2.87	29	1.14	55.5	2.18	220	3190
BSPP 1.1/2"	T076 DUB 48	60	2.36	83	3.26	32	1.25	66	2.60		
NPTF 1.1/2"	T076 NUB 48	60	2.36	83	3.26	32	1.25	66	2.60		

HYDRAULIC COUPLINGS
HYDRAULISCHE KUPPLUNGEN

ISO 7241-A

**Functions :**

If the socket and plug valves seal instantly, automatically shutting off fluid flow to prevent leakage. If the socket and plug valves push together, opening to permit free flow of fluid through coupler. O-ring in the socket seals the plug surface preventing any leakage.



Female Thread Plug
Nippel mit Innengewinde

Funktionen :

Wenn Kupplung und Nippel entkuppelt werden, verschliessen die Ventildichtungen sofort automatisch den Flüssigkeitsfluss und ein Auslaufen der Flüssigkeit wird verhindert. Wenn Kupplung und Nippelteile gekuppelt werden, erlaubt dies das Durchfließen der Flüssigkeit durch die Kupplung. Der O-Ring in den Nippeldichtungen an der Nippeloberfläche verhindert jegliche Leckage.

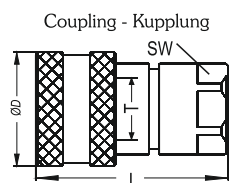
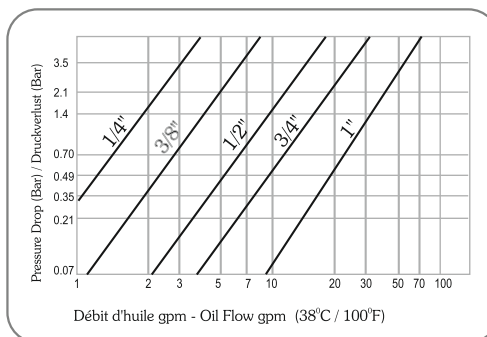


Connection Anschlüsse T	Order No Bestell Nr.	SW		L		L1		Ø		Working Pressure Betriebsdruck	
		mm	inches	mm	inches	mm	inches	mm	inches	Bar	PSI
BSPP 1/4"	T078 DU 13	19	0.75	33	1.30	17	0.67	22	0.86	250	3625
NPTF 1/4"	T078 NU 13	19	0.75	33	1.30	17	0.67	22	0.86	250	3625
BSPP 3/8"	T078 DU 17	24	0.94	39	1.54	20.5	0.80	25.4	1	250	3625
NPTF 3/8"	T078 NU 17	24	0.94	39	1.54	20.5	0.80	25.4	1	250	3625
BSPP 1/2"	T078 DU 21	27	1.06	44	1.73	22	0.87	31	1.22	200	2900
NPTF 1/2"	T078 NU 21	27	1.06	44	1.73	22	0.87	31	1.22	200	2900
BSPP 3/4"	T078 DU 26	34	1.34	53.5	2.11	29	1.14	39	1.53	170	2465
NPTF 3/4"	T078 NU 26	34	1.34	53.5	2.11	29	1.14	39	1.53	170	2465
BSPP 1"	T078 DU 33	41	1.62	66	2.60	34	1.34	47	1.85	220	3190
NPTF 1"	T078 NU 33	41	1.62	66	2.60	34	1.34	47	1.85	220	3190

FRENCH System

HYDRAULIC COUPLINGS
HYDRAULISCHE KUPPLUNGEN

ISO 7241-A

Plastic Hose Coupler
Kupplung mit Kunststoffschlauch

Interchangeability - Kompatibilität
Austauschbarkeit AISI 303 ou AISI 316 Ti.
FASTER NS SERIES - INTERTRACO N SERIES,
PARKER 4050, 4010, STUCCHI IR SERIES, SAFEWAY
S SERIES
According to request is manufactured from AISI 303 and
AISI 316Ti

Version Standard - Standardversion
Double Shut off - Beidseitig absperibar
Steel Zinc Plated - Stahl- verzinkt
Seal - Dichtung: Nitrile (Ni) - NBR (Ni)

Temperature Range - Temperaturbereich :
-25 OC +125 OC / -13 OF +257 OF
With standat seals -
Mit standart Dichtung : Buna (M) NBR

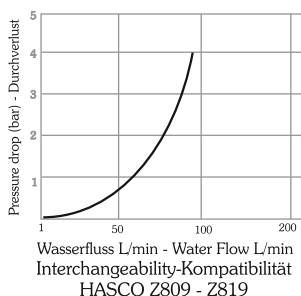
Material - Material
Coupler Body-
Kupplungsgrundkörper : Steel Zinc Plated -
Stahl- verzinkt
Sleeve - Hülse : Steel Zinc Plated -
Stahl- verzinkt
Valve - Ventil : Steel Zinc Plated -
Stahl- verzinkt
Springs - Federn : Stainless Steel - Edelstahl
Locking O-Ring-
Sprenging : Stainless Steel - Edelstahl
Balls - Kugeln : Stainless Steel- Edelstahl
Seals - Dichtungen : Buna (M) - Buna (M)
Plug - Nippel : Steel Zinc Plated -
Stahl- verzinkt

Attention : Only plug and socket with the same
thread fit together.

Achtung : Kupplungsmuffen und -stecker
passen nur mit dem gleichen Gewinde
zusammen.

Connection Anschlüsse T	Order No Bestellnr.	SW		L		Ø		Working Pressure Betriebsdruck	
		mm	inches	mm	inches	mm	inches	Bar	PSI
BSPP 1/4"	T078 DGB 13 19	0.75	50	1.97	27	1.06	250	3625	
NPTF 1/4"	T078 NGB 13 19	0.75	50	1.97	27	1.06	250	3625	
BSPP 3/8"	T078 DGB 17 24	0.94	39	1.54	33	1.30	250	3625	
NPTF 3/8"	T078 NGB 17 24	0.94	39	1.54	33	1.30	250	3625	
BSPP 1/2"	T078 DGB 21 27	1.06	66	2.60	38	1.50	200	2900	
NPTF 1/2"	T078 NGB 21 27	1.06	66	2.60	38	1.50	200	2900	
BSPP 3/4"	T078 DGB 26 34	1.34	82.5	3.25	48	1.89	170	2465	
NPTF 3/4"	T078 NGB 26 34	1.34	82.5	3.25	48	1.89	170	2465	
BSPP 1"	T078 DGB 33 41	1.62	100	3.94	66	2.60	220	3190	
NPTF 1"	T078 NGB 33 41	1.62	100	3.94	66	2.60	220	3190	

FRENCH System

MANIFOLD COUPLERS
MULTIKUPPLUNGEN

Temperature Range - Temperaturbereich
-20°C, +100°C (-4°F +212°F) With NBR Seal
-30°C, +150°C (-22°F +302°F) With EPDM Seal
-15°C, +180°C (+5°F +392°F) With FPM Seal
0°C, +325°C (+32°F +637°F) With FFKM Seal

Standard version - Standardversion
Seal - Dichtungen : Fluorocarbon FPM (V)

Working Pressure - Betriebsdruck
0 - 15 Bar, (0 -217 PSI)

Flow Capacity - Größen
NW 8 (50.2 mm Sq)

Material - Material
Coupler & Plug body -
Kupplungsgrundkörper
& Nippel

: AISI 420 Chrome
Steel & Hardened -
AISI 420 Chromstahl
und gehärtet

Back Part -

Rückwartiger

Valve - Ventil

Spring - Federn

Seals - Dichtungen

: Brass - Messing

: Brass - Messing

: Stainless Steel -

Edelstahl

: Fluorocarbon FPM (V)

Applications

Multi couplers for the mould

Robotic tool changer couplers

Anwendungen

Multikupplungssysteme

Roboter werkzeugwechselssystem

Kupplung

Body Karosserie	Body Size Größen	Connection Anschlüsse	Order No - Bestell Nr.	ØD	L	L1	SW
 Hose Tail Shut-off Coupler Absperbarkeit Kupplung mit Schlauchtülle	08	Ø10	T093.08 HGB 10	21.5	37	24	24
	08	Ø13	T093.08 HGB 13	21.5	37	24	24
 Male Threaded Self Sealing Coupler Absperbarkeit Kupplung mit Außengewinde	08	M16x1.5	T093.08 EGB 16-10	21.5	37	24	24
 Male Threaded Self Sealing Coupler Absperbarkeit Kupplung mit Außengewinde	08	BSP3/8"	T093.08 EGB 17	21.5	37	24	24
 Female Threaded Shut-off Coupler Absperbarkeit Kupplung mit Innengewinde	08	M16x1.5	T093.08 DGB 16	21.5	48		24
	08	BSP3/8"	T093.08 DGB 17	21.5	48		24
Plugs- Nippel							
 Hose Tail Shut-off Plug Absperbarkeit Nippel mit Schlauchtülle	08	Ø10	T093.08 HUB 10	22	46.5	33	24
	08	Ø13	T093.08 HUB 13	22	46.5	33	24
 Male Threaded Self Sealing Plug Absperbarkeit Nippel mit Außengewinde	08	M16x1.5	T093.08 EUB 16-10	22	46.5	33.5	24
 Male Threaded Self Sealing Plug Absperbarkeit Nippel mit Außengewinde	08	BSP3/8"	T093.08 EUB 17	22	46.5	33.5	24
 Female Threaded Shut-off Plug Absperbarkeit Nippel mit Innengewinde	08	M16x1.5	T093.08 DUB 16	22	46.5	33	24
	08	BSP3/8"	T093.08 DUB 17	22	46.5	33	24