

# tst<sup>®</sup>

QUICK COUPLINGS SCHNELLKUPPLUNGEN



HYDRAULIC  
SERIE



HYDRAULIC COUPLINGS / HYDRAULIK KUPPLUNGEN







[www.tst-tamsan.com](http://www.tst-tamsan.com)

HYDRAULIC COUPLINGS / HYDRAULIK KUPPLUNGEN

QUICK COUPLINGS  
SCHNELLKUPPLUNGEN

SERIE





COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS  
KUPPLUNGEN, MULTIKUPPLUNGEN & KÜHLUNGSELEMENTE FÜR WERKZEUGE

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MADE IN *Türkiye*

QUICK COUPLINGS  
SCHNELLKUPPLUNGEN



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### COMPANY

Founded over 25 years ago, we now have a Production Facility that occupies over 10,000 sq m. Our broad range of products are designed, manufactured and constantly developed under the same roof, to meet the needs of our Worldwide Customers.

“tst” is fully integrated manufacturer of quick connect/disconnect couplings, for hydraulic, pneumatic, vacuum, gas, chemical fluid and water applications, in addition to multi couplers, fittings, hoses and accessories.

The latest technologies are utilized to Manufacture and Assembly our wide range of products to the required specifications to achieve Zero Defects and 100% Delivery Performance.

### QUALITY

Our commitment to quality can be demonstrated by Customer Satisfaction Feedback and our continuous product and process development projects.

Statistical Process Control operations, performed by our operators ensure that our products meet the customers' requirements.

Latest methods and equipments are utilized to enable the vigorous testing of the New and Existing Range of Products.

### SUPPORT & SERVICE

The Engineering and Research Teams work in conjunction with the Customers and Customer Support Teams to seek the most suitable robust product for the application it is intended for at an affordable cost.

Around 80% of the manufacturing capacity is for standard products and the remainder is utilized, to cater for specialised needs of our customers, supported by our in-house design capability.

Our Customer Support Teams are in continuous communication with our customers to keep them up to date and to get feedback from our products.

Since 1997 our export sales has reached % 85 of our production and expanded to countries through out Europe and Worldwide.

**Our Aim is to Exceed Customer Expectation.**

### FIRMENGESCHICHTE

Gegründet vor 25 Jahren verfügen wir mittlerweile über eine Produktionskapazität auf Basis modernster CNC Technik auf über 10.000m<sup>2</sup> Fläche.

Um die Ansprüche unserer weltweiten Kunden zu erfüllen sind Entwicklung und Produktion am gleichen Standort eng miteinander verbunden.

TST ist ein Hersteller von Schnellverschlusskupplungen in den Bereichen Hydraulik, Pneumatik, Vakuum, Gas, für chemische Anwendungen sowie Wasserapplikationen. Dies umfasst sowohl Einzelkupplungen als auch Multikupplungen, Verbindungselemente, Schläuche und Zubehör.

Um bei unserer breiten Angebotsvielfalt sowohl in der Herstellung als auch in der Montage absolute Liefertreue bei einer Fehlerquote von 0 ppm zu erreichen greifen wir auf modernste Fertigungsmethoden, langjährige Mitarbeiter und einen sehr jungen Maschinenpark (vornehmlich CNC Technik) zurück

### QUALITÄT

Unsere ständigen Bemühungen unsere Qualitätsstandards nach dem Vorbild von Kaizen zu verbessern werden durch die durchweg positive Rückmeldung unserer Kunden belohnt.

Durch ständige statistische Prozesskontrolle im Produktionsablauf erreichen wir unsere qualitativen Kundenvorgaben.

Modernste Messtechnik ist ein Garant für das hohe qualitative Niveau neuer als auch vorhandener Produkte.

### TECHNISCHER SUPPORT UND SERVICE

Unsere Ingenieure arbeiten zusammen mit unseren Kunden um nach Kundensicht optimalen Verhältnis von Funktion in Bezug auf Kosten.

Ca. 80% unserer Produktionskapazität decken wir mit Standardartikeln aus unseren Katalogen ab. Die restlichen 20% stehen den Kunden für Sonderlösungen durch unser Entwicklungsteam zur Verfügung. Unser Vertrieb ist in ständiger Verbindung mit unseren Kunden zur Information und zum Erfahrungsaustausch. Seit 1997 exportieren wir 85% unserer Produkte nach Europa und mittlerweile auch weltweit.

**Unser Ziel ist es unsere Kundenanforderungen sogar zu übertreffen.**

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**HYDRAULIC COUPLINGS**  
**HYDRAULIK KUPPLUNGEN**

**B**  
TYPE

**B Type Double Shut off Series Couplers**

Valve exists both in the coupler and plug during connection both valves will open and release the flow. Please be advised that when ordering two-way blocking coupling systems, be sure to choose B type double shut off couplings.

**B Typ Beidseitig schließendes System.**

Kupplung und Nippel sind mit einem Ventil ausgestattet. Eine gemischte Kombination mit einer "ohne Ventil" Variante ist nicht möglich.

**D**  
TYPE

**D Type Double Shut off & Safety Couplers**

This type of coupling is produced to provide safety in medical establishments. With the integration of the safety system to the mechanism, there will not be any accidental incidents.

**D Typ Beidseitig schließendes System.**

Dieser Typ wird eingesetzt wenn hohe Sicherheit gefordert wird. Z.B im medizinischem Bereich. Durch Integration des Sicherheitssystems in der Mechanik ist das ungewollte Öffnen nicht möglich.

**E**  
TYPE

**E Type Safety Couplers**

"E" serie of TST couplings are designed with additional safety lock. To disconnect the plug must first be pushed into the coupling before it can be unlocked.

**E Typ Sicherheitskupplungen**

Sicherheitsverriegelung, zum Öffnen wird der Nippel gedrückt und dabei die Hülse nach hinten geschoben.

**F**  
TYPE

**F Type Thru-flow Couplers**

Thru-type socket / Thru-type component (up on disconnection both sides are open)

**F Typ Freier Durchflusskupplungen**

Kupplung und Nippel ohne Ventil

**K**  
TYPE

**K Type Coded Couplers**

This type of encoded coupler-system, avoids inaccurate connections. Original lock desing of the coupler, will not allow any connection problems.

**K Typ Kupplungen mit Kodierung**

Durch mechanische - und Farbkodierung an der Kupplung und am Nippel ist das Vertauschen nicht möglich.

**L**  
TYPE

**L Type Double Shut off Drybreak Couplers**

Valve exists both in the coupler and plug. During disconnection, both valves close simultaneously, allowing the coupling and plug to be separated; afterward while keeping the medium without a leakage.

**L Typ Leckarme ausführung Kupplungen**

Kupplung und Nippel sind mit Ventil ausgestattet. Beim Öffnen und Schließen werden Ventile gleichzeitig geöffnet bzw. geschlossen. Leakage wird verhindert.

**S**  
TYPE

**S Type Safety & Self Venting Couplers**



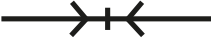


"S" Series TST couplings are designed with safety locking mechanism. First push of the button stops the existing pressure in the couplings and second push of the button unplugs the nipple in the environment with no pressure. This second push requirement prevents any accidental opening at the high pressure and develops the security.

**S Typ Sicherheit Entlüftungskupplungen**

Der "S" Typ ist eine Sicherheitsvariante. Durch das Betätigen des Druckknopfes wird der Nippel entlastet, erst durch das zweimalige Betätigen des Druckknopfes wird der Nippel freigegeben.



HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN

	Through-type coupling / component Freier Durchfluss (nicht absperrend)
	Self sealing coupling / component Kupplung absperrend
	Through-type coupling + Thru-type component (up on disconnection both sides are open) Kupplung freier Durchfluss (nicht absperrend)
	Self Sealing coupling + thru-type component Kupplung einseitig absperrend
	Self Sealing coupling + Self Sealing component Kupplung beidseitig absperrend

A	Aluminium	Aluminium
B	Brass	Messing
C	Steel	Stahl
E	EPDM seal	EPDM Dichtung
G	Parallel gas thread (BSP)	Zylindrisches Gewinde ( BSP)
H	Case hardening	Einsatzgehärtet
J	Silicone seal	Silikon Dichtung
K	Chrome plated	Verchromt
L	CR seal (neoprene)	CR Neopren Dichtung
Ni	NBR seal (nitrile)	NBR Dichtung
N	Nickel plated	Vernickelt
P	Teflone seal (PTFE)	Teflon Dichtung (PTFE)
R	Red Colour	Rote Farbe
S	Stainless steel AISI(303=S3,420=S4,.316L=S6)	Edelstahl rostfrei AISI (303=S3,420=S4,.316L=S6)
T	Sealing coat on the thread	Teflonbeschichtung
V	Fluorocarbon (FPM)	Fluorocarbon (FPM)
Y	Yellow Colour	Gelbe Farbe
Z	Zinc Plated	Verzinkt
W	Perfluoroelastomer (FFPM)	Perfluoroelastomer (FFPM)
X	Without plating	Unbeschichtet
PS	Plastic	Kunststoff
VA	Vacuum	Vakuum

## HYDRAULIC COUPLINGS HYDRAULIK KUPPLUNGEN

### NBR (Nitrile)

Main properties: Resistant to oil and petrol good ageing characteristics, high abrasion resistance.  
Als Dichtungswerkstoffe stehengelegene Serlenqualitäten zur Vefügung:Perbunan, Haupteigenschaften : Beständigkeit gegen Öl und Benzin gute Alterungsbeständigkeit, hoher Schutz gegen Abrieb.

### FPM

Main properties: Outstanding heat resistant performance, excellent resistance to oils, chemicals, solvent, active oxygen, and weather.  
Viton, Haupteigenschaften: Übrerragende Hitzebeständigkeit, ausgezeichnete Beständigkeit gegen Öle, Chemikalien, Lösungsmittel, Ozon, Sauerstoff und Witterung.

### EPDM

Main properties Ethylen Propylene, High mechanical strength, excellent resistance to high and low temperatures and to active oxygen and weather. Good resistance to chemical media.  
EP,Athylen Propylen, Haupteigenschaften: Hohe mechanische Festigkeit. Ausgezeichnete Wärme-und Kältebeständigkeit. Hervorragende Beständigkeit gegen Ozon-und Witterungseinflüsse. Gute chemische Beständigkeit.

### PTFE

For very aggressive media special constructions with PTFE seals (Teflon) are available.  
Für sehr aggressive Medien sind Sonderkupplungen mit PTFE-Dichtungen (Teflon ) verfügbar: Alle Angaben sind unverbindlich und dienen nur zur Orientierung.Sie gelten 1.für reine Stoffe,2. wenn nicht anders angegeben für Flaumtemperatur. 3.bei Saizen,Säuren usw. für wäßrige lösungen mäßiger Konzentrationen. Teflon-eingetragenes 'Dupont'-Warenzeichen.

#### Symbols - Korrosionstabelle

- ✓ Fully resistant / beständig
- ▣ Partly resistant / bedingt
- Non-resistant / nicht

	Material						Seal Dichtung		
	Steel zinc plated Stahl Verzinkt	Brass - Messing	AISI 316 Ti or similar Edelstahl AISI 316 Ti	Polyamide 11/12	Polyamid 11/12	Polyacetal - Poliasetol	NBR Nitrile	FPM Viton	EPDM
Acetate (Ethyl Acetate & Amyl Acetate)	✓	✓	✓	✓	✓	✓			x
Acetic acid 10%		—	✓	—	✓	✓			x
Acetone	✓	✓	✓	✓	✓	✓			x
Acetylene	✓	✓	✓	✓	✓	✓	x	x	x
Aero Engine Fuel BP, Esso Avgas100/130	✓	✓	✓	✓	✓	▣	x	x	
Aero Engine Oil BP : AIRO 1210, Esso:AVIATON-120 Shell:AIRO-120, DERD 2487 DERD 2497, DTD 585	✓	✓	✓	✓	✓	▣	x	x	
Skydrol	✓	—	✓	—	—	—			x
Oronite	✓	—	✓	—	—	—			x
Air, compressed	✓	✓	✓	✓	✓	✓	x	x	
Air, hot up to 120°C	✓	✓	✓	▣	—	—	x	x	
Air, hot up to 200°C	✓	✓	✓	—	—	—	x		
Alcohol	✓	✓	✓	✓	✓	✓	x		
Alum		—	✓	—	✓	—	x	x	x
Alkalies	—	▣	✓	✓	▣	—	x	x	x
Ammonia, Liquid	▣	—	✓	✓	—	—			x
Ammonium Sulphate Solution	—	—	✓	✓	▣	—	x	x	x
Amyl Alcohol	✓	✓	✓	✓	✓	✓			x
Aniline	✓	—	✓	▣	—	—			x
Benzole	✓	✓	✓	✓	✓	✓			x
Borax	✓	✓	✓	—	—	—	x	x	
Bultane	✓	✓	✓	✓	✓	✓	x	x	
Bultane	✓	—	✓	—	—	—	x	x	
Butyl Alcohol	—	✓	✓	✓	✓	✓			x
Carbon Dioxide	—	✓	✓	✓	✓	✓	x	x	x
Carbon Dioxide, dry		✓	✓	✓	—	—	x	x	x
Carbon Dioxide liquid	—	✓	✓	✓	▣	—	x	x	x
Carbon Bisulphide	✓	—	✓	—	—	—			x
Chloride of Barium		✓	▣	✓	✓	—	x	x	x
Chromic Acid	—	—	▣	▣	—	—			x
Citric Acid	—	▣	✓	—	▣	—	x	x	
Creosote	✓	—	✓	—	—	—			x
Cresol	▣	✓	—	—	—	—	x		
Cresol, Cresylic Acid	✓	—	✓	—	—	—			x
Cupric Chloride	✓	—	▣	—	—	—	x	x	x
Cyclohexane	✓	—	▣	—	✓	—	x		
Dimethylamine		—	✓	—	—	—			x
Emulsion. (Water/Oil)	▣	✓	✓	✓	✓	✓	x	x	
Ether	✓	✓	✓	✓	✓	✓			x

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Ethyl Alcohol	✓	—	✓	—	—	—	x		x
Ethylene	✓	✓	✓	✓	✓	✓			x
Formalin	✓	✓	✓	—	—	▣	x	x	x
Formic Acid	—	▣	✓	—	—	—			x
Frigen	✓	✓	✓	✓	✓	✓	x	x	
Gasoline, Refined	✓	—	✓	—	—	—	x	x	
Gas, Blast Furnace	▣	✓	✓	—	▣	—			x
Gas, Coal	▣	✓	✓	✓	✓	✓			x
Gas, Coke Oven	▣	✓	✓	▣	▣	—	x		
Gas, Lighting	✓	✓	✓	✓	✓	✓	x	x	
Gas, Naphtalene content	✓	✓	✓	—	—	▣	x	x	
Gas, Natural	✓	✓	✓	✓	✓	✓	x	x	
Gas, Town	✓	✓	✓	✓	✓	✓	x		
Gear Oil	✓	—	✓	—	—	—	x	x	
Glucose		—	✓	✓	✓	✓	x	x	x
Glycerine	✓	✓	✓	✓	✓	✓	x	x	x
Glycol	✓	✓	✓	✓	✓	✓	x	x	x
Helium	✓	✓	✓	✓	✓	✓	x	x	x
Hexane	✓	—	✓	✓	▣	—	x	x	
Hydrocarbons	✓	✓	✓	✓	✓	✓	x	x	
Hydrogen	✓	✓	✓	✓	▣	—	x	x	
Hydrogen Gas	✓	—	✓	—	—	—	x	x	
Hydrogen Sulphide, Humid		▣	✓	—	—	—			x
Hydrogen Sulphide, dry		—	✓	—	—	✓			x
Hyrogen Peroxide 30%	—	—	✓	✓	—	—			x
Isoproyl Alcohol	✓	—	✓	▣	✓	—	x	x	x
Kerosene, JP 1	✓	✓	✓	✓	✓	✓	x	x	
Keton, Meththyl Ethyl	✓	✓	✓	✓	✓	✓			x
Latex, liquid up to 130°C	✓	✓	✓	▣	▣	—	x		
Lubricating Oil	✓	✓	✓	✓	✓	✓	x	x	
Lye, Caustic	—	✓	✓	—	▣	—			x
Lye, Hyochorous Acid	—	—	✓	—	▣	—			
Lye, Pickling	—	M560	✓	▣	▣	—			x
Magnesium Carbonate	✓	—	✓	✓	✓	✓	x	x	x
Magnesium Hydroxide	✓	✓	✓	✓	✓	✓	x	x	x
Magnesium Sulphate. M.Sulfat		—	✓	✓	✓	✓	x	x	x
Mercury	✓	—	✓	✓	✓	✓	x	x	x
Methane	✓	✓	✓	✓	✓	✓	x	x	
Methanol	✓	✓	✓	✓	✓	✓	x	x	x
Methyl Alcohol	✓	✓	✓	▣	✓	—	x	x	
Methyl Ethyl Ketone	✓	—	✓	—	—	—			x

## HYDRAULIC COUPLINGS HYDRAULIK KUPPLUNGEN

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### FPM

Main properties: Outstanding heat resistant performance, excellent resistance to oils, chemicals, solvent, active oxygen, and weather. Viton, Haupteigenschaften: Überragende Hitzebeständigkeit, ausgezeichnete Beständigkeit gegen Ole, Chemikalien, Lösungsmittel, Ozon, Sauerstoff und Witterung.

### EPDM

Main properties Ethylen Propylene, High mechanical strength, excellent resistance to high and low temperatures and to active oxygen and weather. Good resistance to chemical media.

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### PTFE

For very aggressive media special constructions with PTFE seals (Teflon) are available.

Für sehr aggressive Medien sind Sonderkupplungen mit PTFE-Dichtungen (Teflon ) verfügbar: Alle Angaben sind unverbindlich und dienen nur zur Orientierung.Sie gelten 1.für reine Stoffe,2. wenn nicht anders angegeben für Flaumtemperatur. 3.bei Saizen,Säuren usw, für wäßrige lösungen mäßiger Konzentrationen. Teflon-eingetragenes 'Dupont'-Warenzeichen.

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	Material					Seal Dichtung		
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Methyl Benzene	✓		✓					x
Milk	✓	—	✓	✓	✓	x		x
Napta	✓		✓		✓	x	x	
Naptalene	✓	✓	✓	✓	✓			x
Naptenic. Acid	✓		✓			x	x	
Nitrate of Ammonium	✓		✓			x	x	x
Nitric Acid. up to 35°C	—	✓	✓	—	—			x
Nitrogen	✓	✓	✓	✓	✓	x	x	x
Nitro-Solution (no synthetic resin thinners)	✓	✓	✓	—	✓			x
Oil, Coal Tr	✓		✓	✓	▣			x
Oil, Crude	✓	✓	✓	✓	✓	x	x	
Oil, Diesel	✓	✓	✓	✓	✓	x		
Oil, Diesel up to 120°C		✓	✓	▣	—			x
Oil, Fuel up to 100°C	✓	✓	✓	▣	—	x	x	
Oil, up to 200°C/ 300°Cup to (special type)	✓	▣	✓	—	—			FFKM
Oil, Fuel 5x5	✓	✓	✓	▣	✓			x
Oil, Hydraulic Chlorinated	▣	▣	✓	—	▣			x
Oil, Hydraulic up to 120°C	✓	✓	✓	▣	▣	x	x	
Oil, Linseed	✓	✓	✓	✓	✓	x	x	
Oil, Mineral	▣	✓	✓	✓	✓	x	x	
Oil, Transformer	▣	▣	✓	✓	▣	x		
Oleic Acid	✓	—	✓	✓	✓	x	x	
Oxalic Acid	▣	▣	✓	✓	✓			x x
Oxygen. fat free	—	✓	✓	✓	▣			x
Paraffin	✓	✓	✓	✓	✓			x
Paraffin, (Wax)	✓	✓	✓	✓	✓			x
Pentachlorphenole	✓							x
Petrol Ether		✓	✓	✓	✓	x		
Petrol	✓	✓	✓	✓	✓	x		
Phenol Solution	▣	✓	✓	—	—			
Phosphoric Acid 10%			✓	—	—	x	x	
Potassium Cyanide	✓	—	✓	✓	▣	x	x	
Potassium Dichromate	✓	—	✓	—	▣			x x
Potassium Sulphate	✓		✓			x	x	x
Potassium Hydroxide	✓		✓	✓	▣			x
Propane	✓	✓	✓	✓	✓	x	x	
Prussic Acid	✓	—	✓					x
Salt Solution	—	▣	▣	✓	▣			x
Sea Water	—	▣	✓	✓	✓	x	x	x

#### Symbols - Korrosionstabelle

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	Material					Seal Dichtung		
	Steel zinc plated Stahl Verzinkt	Brass - Messing	AISI 316 Ti or similar Edelstahl AISI 316 Ti	Polyamide 11/12	Polyacetal - Poliasetal	NBR Nitrile	FPM Viton	EPDM
Soap Solution	—	✓	✓	✓	✓	x	x	x
Soda Solution	—	▣	✓	✓	▣	x	x	x
Sodium Acetate			✓	✓	✓	x		x
Sodium Bicarbonate			▣	✓	✓			x x
Sodium Carbonate	✓		✓	✓	✓	x	x	x
Sodium Chloride	✓		✓	✓	✓	x	x	x
Sodium Cyanide	✓		✓	—	▣			x
Sodium Sulphide	✓	▣	✓					x x
Steam, up to 150°C	▣	▣	✓	—	—			x
Steam, up to 250°C	▣	▣	✓	—	—			PTFE
Sulphide of barium	✓	▣	✓	✓		x	x	x
Sulphur Dixide, Gas		✓	✓					x
Sulphuret of Carbon		✓	✓	—	✓			x
Syntetic Resin Thinners (no nitrosolution)	✓	✓	✓	▣	▣			x
Tar	✓	✓	✓	✓	✓	x	x	
Tetracholride of Titanium	✓		✓					x
Toluol, dry	▣	✓	✓	✓	✓			x
Trichlorethylene	✓	▣	✓	✓	—			x
Turbine Fuel, BP: ATK 2494, ESSO:MIL-F56/16, SHELL:ATF 650	✓	✓	✓	✓	▣	x	x	
Turbine Oil, Esso:35	✓	✓	✓	✓	▣	x	x	
Turb-oil 1 S (MILL 7808)	▣	▣	✓	✓	▣	x	x	
Vacuum (Strengthened Valve Springs)	✓	✓	✓	✓	✓			
Vegetable Oil	✓		✓	✓	✓	x	x	x
Water, Distilled			✓	✓	✓			x x
Water, Deionized			✓			x	x	
Water, Demineralised			✓					x
Water, up to 80°C	▣	✓	✓	▣	▣	x	x	x
Water, over 80°C	▣	✓	✓	▣	—			x x
Water, Cooling	▣	▣	✓	✓	▣			x x
Xylene	✓	✓	✓	✓	✓			x

**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN

**SERIE 035**



**Material - Material - B**  
**(Nickel Plated Brass - Messing Vernickelt)**

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

**Attention:**  
The coupler and plug should not be loaded higher than 100 bar before connection.

**Achtung:**  
Vor Einkuppeln soll der Druck auf der Kupplung und Nippel nicht grösser sein als 100 bar.

**Interchangeability - Kompatibilität**

- CEJN 324 (TST 035)
- CEJN 325 (TST 035C)
- CEJN 326 (TST 035S)

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

**Working Pressure - Betriebsdruck**

- 035 - Brass - Messing: 35 Bar - (508 PSI)
- 035C - Steel - Stahl: 250 Bar - (3625 PSI)
- 035S - St.Steel - Edelstahl: 70 Bar - (1015 PSI)

**Material - Material - S6**  
**(Stainless Steel - Edelstahl (AISI- 316))**

- Coupler Body - Kupplungsgrundkörper : Stainless Steel - Edelstahl (AISI- 316)
- Sleeve - Hülse : Stainless Steel - Edelstahl (AISI- 316)
- Valve - Ventil : Stainless Steel - Edelstahl (AISI- 316)
- Springs - Federn : Stainless Steel - Edelstahl
- Balls - Kugeln : Stainless Steel - Edelstahl
- Seals - Dichtungen : Flourecarbon FPM (V)
- Plug - Nippel : Stainless Steel - Edelstahl (AISI- 316)

**Material - Material - C**  
**(Zinc Plated Steel - Stahl Verzinkt)**

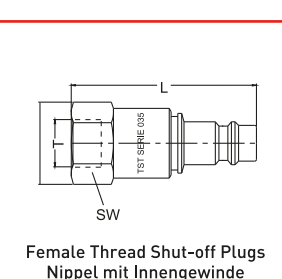
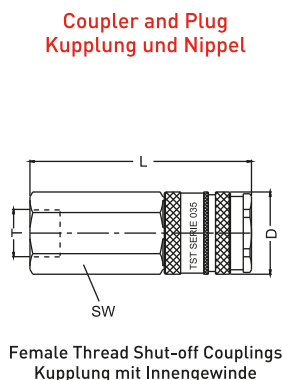
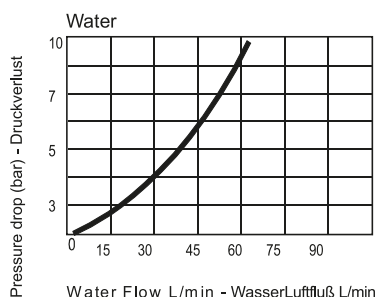
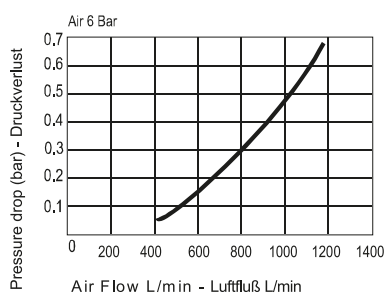
- Coupler Body - Kupplungsgrundkörper: Zinc Plated Steel - Stahl Verzinkt
- Sleeve - Hülse : Steel - Stahl
- Valve - Ventil : Brass - Messing
- Springs - Federn : Stainless Steel - Edelstahl
- Balls - Kugeln : Stainless Steel - Edelstahl
- Seals - Dichtungen : Nitrile - NBR (Ni)
- Plug - Nippel : Steel - Stahl

**Flow capacity - Nennweite**  
NW - 6.2

**Standard version - Standardversion**

Double Shut-Off - Beidseitig absperribar  
Brass Chrome Plated - Messing Verchromt

For optional orders please add the symbol of your option end of the order no.  
**Optionsbestellungen**  
Kennbuchstabe bitte hinzufügen  
(Beispiel: 035 DGB 13C - V)



Connection Anschluß ØT	Order No - Bestellnr.	SW	L	ØD
BSP 1/4"	035 DGB 13	19	55.3	23
BSPT 1/4"	035 QGB 13	20	56.5	23.5
NPT 1/4"	035 NGB 13	19	58.3	23
UNF 9/16"-18	035 UGB 14	20	56.5	23.5
BSP 1/4"	035 DUB 13	20	52.2	
BSPT 1/4"	035 QUB 13	20	56.	
NPT 1/4"	035 NUB 13	20	55.6.5	
UNF 9/16"-18	035 UUB 14	20	56.5	



SERIE **036** ■

**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN



SUPER FLOW LINE  
SUPER DURCKFLUSS

**Interchangeability - Kompatibilität**

CEJN 414 (TST 036)  
CEJN 415 (TST 036C)  
CEJN 416 (TST 036S)

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

**Working Pressure - Betriebsdruck**

036 - Brass - Messing: 35 Bar - (508 PSI)  
036C - Steel - Stahl: 250 Bar - (3625 PSI)  
036S - St. Steel - Edelstahl: 70 Bar - (1015 PSI)

**Flow capacity - Nennweite**  
NW - 8.9

**Standard version - Standardversion**

Double Shut-Of - Beidseitig absperrbar  
Brass Chrome Plated - Messing Verchromt

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

Kennbuchstabe bitte hinzufügen  
(Beispiel: 036 DGB 13C - V)

**Attention:**

The coupler and plug should not be loaded  
higher than 100 bar before connection.

**Achtung:**

Vor Einkuppeln soll der Druck auf  
der Kupplung und Nippel nicht grösser  
sein als 100 bar.

**Material - Material - B**  
**(Nickel Plated Brass - Messing Vernickelt)**

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

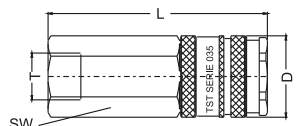
**Material - Material - S6**  
**(Stainless Steel - Edelstahl (AISI- 316))**

- Coupler Body - Kupplungsgrundkörper : Stainless Steel - Edelstahl (AISI- 316)
- Sleeve - Hülse : Stainless Steel - Edelstahl (AISI- 316)
- Valve - Ventil : Stainless Steel - Edelstahl (AISI- 316)
- Springs - Federn : Stainless Steel - Edelstahl
- Balls - Kugeln : Stainless Steel - Edelstahl
- Seals - Dichtungen : Flourocarbon FPM (V)
- Plug - Nippel : Stainless Steel - Edelstahl (AISI- 316)

**Material - Material - C**  
**(Zinc Plated Steel - Stahl Verzinkt)**

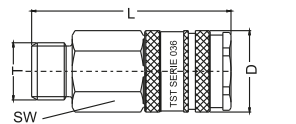
- Coupler Body - Kupplungsgrundkörper: Zinc Plated Steel - Stahl Verzinkt
- Sleeve - Hülse : Steel - Stahl
- Valve - Ventil : Brass - Messing
- Springs - Federn : Stainless Steel - Edelstahl
- Balls - Kugeln : Stainless Steel - Edelstahl
- Seals - Dichtungen : Nitrile - NBR (Ni)
- Plug - Nippel : Steel - Stahl

**Coupler and Plug**  
**Kupplung und Nippel**



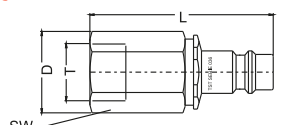
Female Thread Shut-off Couplings  
Kupplung mit Innengewinde

Connection Anschluß ØT	Order No - Bestellnr.	SW	L	ØD
BSP 3/8"	036 DGB 17	25	59.7	28
BSP 1/2"	036 DGB 21	25	62.7	28
BSPT 3/8"	036 QGB 17	24	69	28
BSPT 1/2"	036 QGB 21	27	69	28
NPT 3/8"	036 NGB 17	24	69	28
NPT 1/2"	036 NGB 21	27	69	28
UNF 3/4"-16	036 UGB 19	27	69	28
UNF 7/8"-14	036 UGB 22	27	71	28



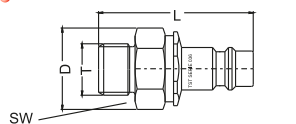
Male Thread Shut-off Couplings  
Kupplungen mit Außengewinde

BSP 1/4"	036 EGB 13	25	69.7	
BSP 3/8"	036 EGB 17	25	69.7	28
BSP 1/2"	036 EGB 21	25	72.7	28



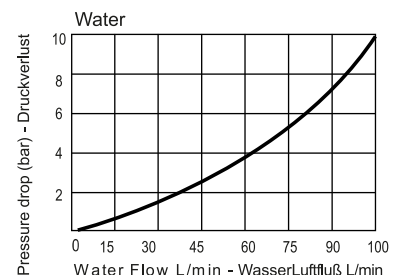
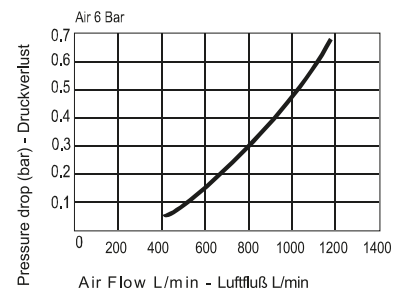
Female Thread Shut-off Plugs  
Nippel mit Innengewinde

BSP 3/8"	036 DUB 17	25	57.7	
BSP 1/2"	036 DUB 21	25	60.7	
BSPT 3/8"	036 QUB 17	27	58.5	
BSPT 1/2"	036 QUB 21	27	62.5	
NPT 3/8"	036 NUB 17	27	58.5	
NPT 1/2"	036 NUB 21	27	61.5	
UNF 3/4"-16	036 UUB 19	27	59	
UNF 7/8"-14	036 UUB 22	27	62.5	



Female Thread Shut-off Plugs  
Nippel mit Innengewinde

BSP 1/4"	036 EUB 13	25	58.7	
BSP 3/8"	036 EUB 17	25	58.7	
BSP 1/2"	036 EUB 21	25	61.7	

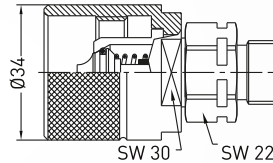
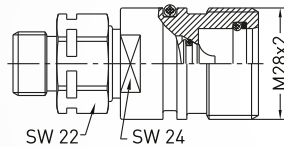


HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN

■ SERIE 054



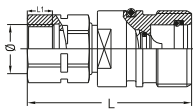
054.08 Couplers / Muffe



054.08 Plug / Stecker

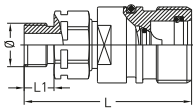
Couplers / Muffe

Rohr Tube	Connection Anschlüsse Ø	Order No Bestellnr.	L	L1
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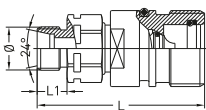
Female thread DIN 3852  
Innengewinde DIN 3852

BSP 1/4"		054.08 DGB 13	59.7	10
BSP 3/8"		054.08 DGB 17	59.7	10
M16x1.5		054.08 DGBM 16	64	63.7
NPT 3/8"		054.08 NGB 17	64	67



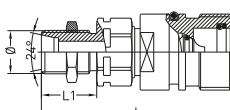
Male threaded DIN 3852  
Außengewinde DIN 3852

BSP 3/8"		054.08 EGB 17		13
BSP 3/4"-16		054.08 JGB 19-00		17



Male threaded sockets for hydraulic pipes with 24° taper according to DIN 3861  
Außengewinde mit 24° Dichtkonus

Ø8	M14x1.5	054.08 EGBM 14-08	61	10
Ø10	M16x1.5	054.08 EGBM 16-10	61.7	11
Ø12	M18x1.5	054.08 EGBM 18-12	62	11
Ø8	M16x1.5	054.08 EGBM 16-08	63	12
Ø10	M18x1.5	054.08 EGBM 18-10	63	12
Ø12	M20x1.5	054.08 EGBM 20-12	63.7	13



Male threaded sockets for hydraulic pipes with 24° taper according to DIN 3861 (Bulkhead)  
Außengewinde mit 24° Dichtkonus (Schottwand)

Ø8	M14x1.5	054.08 SGBM 14-08	76	25
Ø10	M16x1.5	054.08 SGBM 16-10	77	26
Ø12	M18x1.5	054.08 SGBM 18-12	78	27
Ø8	M16x1.5	054.08 SGBM 16-08	78	27
Ø10	M18x1.5	054.08 SGBM 18-10	78	27
Ø12	M20x1.5	054.08 SGBM 20-12	78	27

**Interchangeability - Kompatibilität**  
VOSWINKEL - HS SERIE  
FASTER - CVV SERIE

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

**Working Pressure - Betriebsdruck**  
0 - 450 bar (0 - 6525 PSI)

**Flow capacity - Nennweite**  
NW - 10 mm

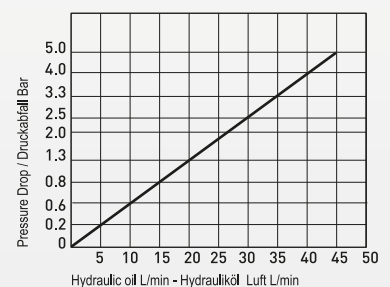
**Standard version - Standardversion**  
Double Shut off - Beideseitig absperierbar  
Steel - Stahl  
Zinc Plated - Verzinkt  
Nitrile (Ni) - NBR (Ni)  
Screw to connect - Schraubverriegelung

**Attention:** Only plug and socket with the same thread fit together.  
**Achtung:** Nur Nippel und Kupplungen mit demselben Gewinde passen zusammen

**Fonctions**  
TST 054 series couplings are screw to connect type that can be used in heavy duty high pressureized hydraulics and industrial applications as well as in mobile applications with vibrations.

**Technischer Merkmal**  
Die Serie TST 054 ist mit einer Schraubverriegelung ausgeführt und findet ihren Einsatz bei hohen Druckerwendungen.

**Material - Material**  
Body-Grundkörper : Steel - Stahl  
Valve - Ventil : Steel - Stahl  
Springs - Federn : Spring Steel - Federstahl  
Seals - Dichtungen : Buna - N - Buna N



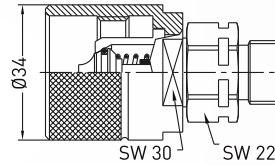
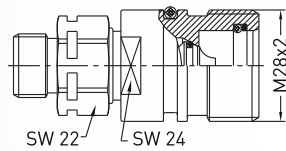


SERIE **054** ■

HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN



054.08 Couplers / Muffe



054.08 Plug / Stecker

**Interchangeability - Kompatibilität**  
VOSWINKEL - HS SERIE  
FASTER - CVV SERIE

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

**Working Pressure - Betriebsdruck**  
0 - 450 bar (0 - 6525 PSI)

**Flow capacity - Nennweite**  
NW - 10 mm

**Standard version - Standardversion**  
Double Shut off - Beideseitig absperierbar  
Steel - Stahl  
Zinc Plated - Verzinkt  
Nitrile (Ni) - NBR (Ni)  
Screw to connect - Schraubverriegelung

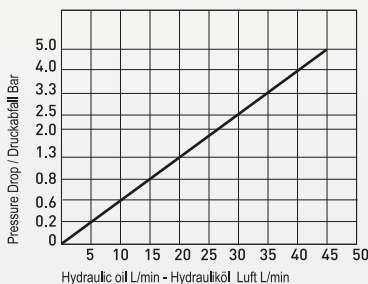
**Attention:** Only plug and socket with the same thread fit together.  
**Achtung:** Nur Nippel und Kupplungen mit demselben Gewinde passen zusammen

**Fonctions**  
TST 054 series couplings are screw to connect type that can be used in heavy duty high pressureized hydraulics and industrial applications as well as in mobile applications with vibrations.

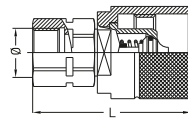
**Technischer Merkmal**  
Die Serie TST 054 ist mit einer Schraubverriegelung ausgeführt und findet ihren Einsatz bei hohen Druckerwendungen.

**Material - Material**

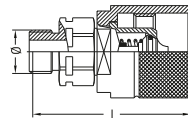
Body-Grundkörper : Steel - Stahl  
Valve - Ventil : Steel - Stahl  
Springs - Federn : Spring Steel - Federstahl  
Seals - Dichtungen : Buna - N - Buna N



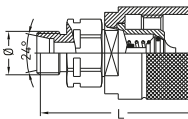
Plugs / Stecker



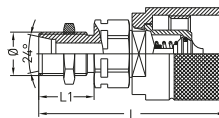
Female thread DIN 3852  
Innengewinde DIN 3852



Male threaded DIN 3852  
Außengewinde DIN 3852



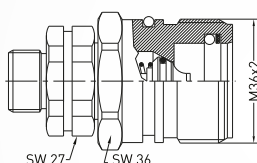
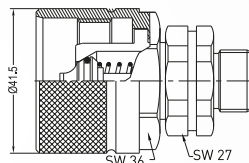
Male threaded sockets for hydraulic pipes with 24° taper according to DIN 3861  
Außengewinde mit 24° Dichtkonus

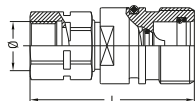


Male threaded sockets for hydraulic pipes with 24° taper according to DIN 3861 (Bulkhead)  
Außengewinde mit 24° Dichtkonus (Schottwand)

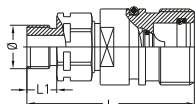
Rohr Tube	Connection Anschlüsse Ø	Order No Bestellnr.	L	L1
	BSP 1/4"	054.08 DUB 13	57.1	13
	BSP 3/8"	054.08 DUB 17	57.1	13
	M16x1.5	054.08 DUBM 16	61	13
	NPT 3/8"	054.08 NUB 17	61	13
	BSP 3/8"	054.08 EUB 17	61.1	12
	BSP 3/4"-16	054.08 JUB 19-00	53	17
Ø8	M14x1.5	054.08 EUBM 14-08	46	10
Ø10	M16x1.5	054.08 EUBM 16-10	59.1	11
Ø12	M18x1.5	054.08 EUBM 18-12	47	11
Ø8	M16x1.5	054.08 EUBM 16-08	48	12
Ø10	M18x1.5	054.08 EUBM 18-10	61.1	13
Ø12	M20x1.5	054.08 EUBM 20-12	48	12
Ø8	M14x1.5	054.08 SUBM 14-08	61	25
Ø10	M16x1.5	054.08 SUBM 16-10	62	26
Ø12	M18x1.5	054.08 SUBM 18-12	63	27
Ø8	M16x1.5	054.08 SUBM 16-08	63	27
Ø10	M18x1.5	054.08 SUBM 18-10	63	27
Ø12	M20x1.5	054.08 SUBM 20-12	63	27

**HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN**
**SERIE 054**

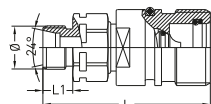
**054.10 Couplers / Muffe**

**054.10 Plug / Stecker**

**Couplers / Muffe**
**Rohr  
Tube**
**Connection  
Anschlüsse**  
Ø

**Order No  
Bestellnr.**
**L**
**L1**

**Female thread DIN 3852  
Innengewinde DIN 3852**

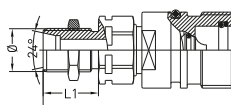
BSP 3/8"	054.10 DGB 17	65.1	11
BSP 1/2"	054.10 DGB 21	67.1	13
NPT 1/2"	054.10 NGB 21	72.1	18
UNF 7/8"-14	054.10 UGB 22	76.1	16.7
M18x1.5	054.10 DGBM 18	65.1	11
M22x1.5	054.10 DGBM 21	67.1	13


**Male threaded DIN 3852  
Außengewinde DIN 3852**

BSP 3/8"	054.10 EGB 17	70	12
BSP 1/2"	054.10 JGB 19-00	70	12
M22x1.5	054.10 EGBM 22	70.6	12


**Male threaded sockets for  
hydraulic pipes with  
24° taper according to DIN 3861  
Außengewinde mit 24° Dichtkonus**

Ø8	M14x1.5	054.10 EGBM 14-08	68.1	11
Ø10	M16x1.5	054.10 EGBM 16-10	68.1	11
Ø12	M18x1.5	054.10 EGBM 18-12	69.1	12
Ø15	M22x1.5	054.10 EGBM 22-15	70.1	13
Ø18	M26x1.5	054.10 EGBM 26-18	70.1	13
Ø10	M18x1.5	054.10 EGBM 18-10	66	12
Ø12	M20x1.5	054.10 EGBM 20-12	66	12
Ø14	M22x1.5	054.10 EGBM 22-14	70.1	13
Ø16	M24x1.5	054.10 EGBM 24-16	70.1	13
Ø20	M30x2.0	054.10 EGBM 30-20	70	16


**Male threaded sockets for  
hydraulic pipes with  
24° taper according to DIN 3861  
(Bulkhead)  
Außengewinde mit 24° Dichtkonus  
(Schottwand)**

Ø8	M14x1.5	054.10 SGBM 14-08	83.1	26
Ø10	M16x1.5	054.10 SGBM 16-10	83.1	26
Ø12	M18x1.5	054.10 SGBM 18-12	84.1	27
Ø15	M22x1.5	054.10 SGBM 22-15	85.1	28
Ø18	M26x1.5	054.10 SGBM 26-18	85.1	28
Ø10	M18x1.5	054.10 SGBM 18-10	80	26
Ø12	M20x1.5	054.10 SGBM 20-12	81	27
Ø13	M20x1.5	054.10 SGBM 20-13	84.1	27
Ø14	M22x1.5	054.10 SGBM 22-14	83	29
Ø16	M24x1.5	054.10 SGBM 24-16	85.1	28

**Interchangeability - Kompatibilität**  
 VOSWINKEL - HS SERIE  
 FASTER - CVV SERIE

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

**Working Pressure - Betriebsdruck**  
 0 - 400 bar (0 - 5800 PSI)

**Flow capacity - Nennweite**  
 NW - 12,5 mm

**Standard version - Standardversion**  
 Double Shut off - Beideseitig absperrbar  
 Steel - Stahl  
 Zinc Plated - Verzinkt  
 Nitrile (Ni) - NBR (Ni)  
 Screw to connect - Schraubverriegelung

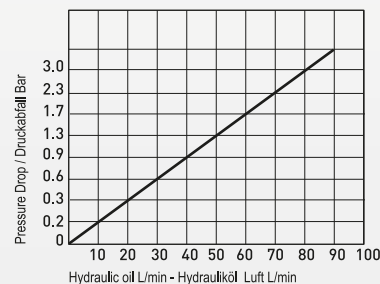
**Attention:** Only plug and socket with the same thread fit together.  
**Achtung:** Nur Nippel und Kupplungen mit demselben Gewinde passen zusammen

**Fonctions**

TST 054 series couplings are screw to connect type that can be used in heavy duty high pressureized hydraulics and industrial applications as well as in mobile applications with vibrations.

**Technischer Merkmal**  
 Die Serie TST 054 ist mit einer Schraubverriegelung ausgeführt und findet ihren Einsatz bei hohen Druckerwartungen.

**Material - Material**

 Body-Grundkörper : Steel - Stahl  
 Valve - Ventil : Steel - Stahl  
 Springs - Federn : Spring Steel - Federstahl  
 Seats - Dichtungen : Buna - N - Buna N




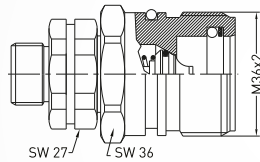


SERIE **054** ■

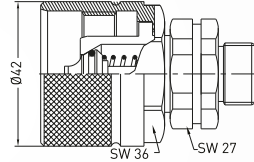
**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN



**054.10 Couplers / Muffe**



**054.10 Plug / Stecker**



**Interchangeability - Kompatibilität**  
VOSWINKEL - HS SERIE  
FASTER - CVV SERIE

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

**Working Pressure - Betriebsdruck**  
0 - 400 bar (0 - 5800 PSI)

**Flow capacity - Nennweite**  
NW - 12,5 mm

**Standard version - Standardversion**  
Double Shut off - Beidseitig absperribar  
Steel - Stahl  
Zinc Plated - Verzinkt  
Nitrile (Ni) - NBR (Ni)  
Screw to connect - Schraubverriegelung

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

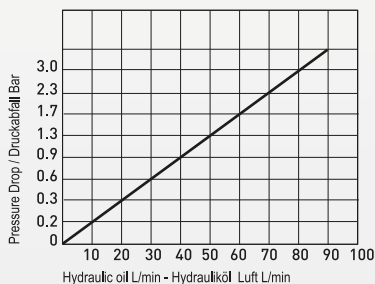
**Achtung:** Nur Nippel und Kupplungen mit demselben Gewinde passen zusammen

**Fonctions**  
TST 054 series couplings are screw to connect type that can be used in heavy duty high pressureized hydraulics and industrial applications as well as in mobile applications with vibrations.

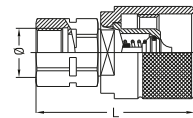
**Technischer Merkmal**  
Die Serie TST 054 ist mit einer Schraubverriegelung ausgeführt und findet ihren Einsatz bei hohen Druckerwendungen.

**Material - Material**

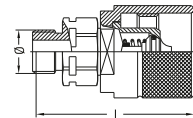
Body-Grundkörper : Steel - Stahl  
Valve - Ventil : Steel - Stahl  
Springs - Federn : Spring Steel - Federstahl  
Seals - Dichtungen : Buna - N - Buna N



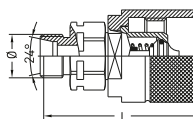
**Plugs / Stecker**



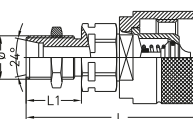
Female thread DIN 3852  
Innengewinde DIN 3852



Male threaded DIN 3852  
Außengewinde DIN 3852



Male threaded sockets for hydraulic pipes with 24° taper according to DIN 3861  
Außengewinde mit 24° Dichtkonus



Male threaded sockets for hydraulic pipes with 24° taper according to DIN 3861 (Bulkhead)  
Außengewinde mit 24° Dichtkonus (Schottwand)

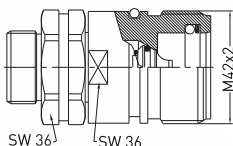
Rohr Tube	Connection Anschlüsse Ø	Order No Bestellnr.	L	L1
	BSP 3/8"	054.10 DUB 17	60.6	11
	BSP 1/2"	054.10 DUB 21	62.6	12
	NPT 1/2"	054.10 NUB 21	67.6	18
	UNF 7/8"-14	054.10 UUB 22	71.6	16.7
	M18x1.5	054.10 DUBM 18	60.6	11
	M22x1.5	054.10 DUBM 21	62.6	13
	BSP 3/8"	054.10 EUB 17	68	12
	BSP 1/2"	054.10 JUB 19-00	68	12
	M22x1.5	054.10 EUBM 22	66.1	14.5
Ø8	M14x1.5	054.10 EUBM 14-08	65.6	11
Ø10	M16x1.5	054.10 EUBM 16-10	65.6	11
Ø12	M18x1.5	054.10 EUBM 18-12	66.6	12
Ø15	M22x1.5	054.10 EUBM 22-15	67.6	13
Ø18	M26x1.5	054.10 EUBM 26-18	67.6	13
Ø10	M18x1.5	054.10 EUBM 18-10	52	12
Ø12	M20x1.5	054.10 EUBM 20-12	52	12
Ø14	M22x1.5	054.10 EUBM 22-14	67.6	13
Ø16	M24x1.5	054.10 EUBM 24-16	67.6	13
Ø20	M30x2.0	054.10 EUBM 30-20	56	16
Ø8	M14x1.5	054.10 SUBM 14-08	80.6	26
Ø10	M16x1.5	054.10 SUBM 16-10	80.6	26
Ø12	M18x1.5	054.10 SUBM 18-12	81.6	27
Ø15	M22x1.5	054.10 SUBM 22-15	82.6	28
Ø18	M26x1.5	054.10 SUBM 26-18	82.6	28
Ø10	M18x1.5	054.10 SUBM 18-10	66	26
Ø12	M20x1.5	054.10 SUBM 20-12	67	27
Ø14	M22x1.5	054.10 SUBM 22-14	69	29
Ø16	M24x1.5	054.10 SUBM 24-16	82.6	28

HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN

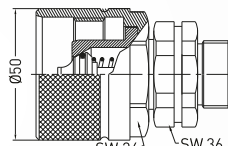
■ SERIE 054



054.12 Couplers / Muffe



054.12 Plug / Stecker



Couplers / Muffe

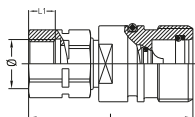
Rohr Tube

Connection Anschlüsse  
Ø

Order No Bestellnr.

L

L1



Female thread DIN 3852  
Innengewinde DIN 3852

BSP 1/2"	054.12 DGB 21	85	19
BSP 3/4"	054.12 DGB 26	85	19
NPT 3/4"	054.12 NGB 26	85	19
M22x1.5	054.12 DGBM 22	80	19

**Interchangeability - Kompatibilität**  
VOSWINKEL - HS SERIE  
FASTER - CVV SERIE

**Temperature Range - Temperaturbereich**  
-20°C +100°C [-4°F +212°F]

**Working Pressure - Betriebsdruck**  
0 - 400 bar [0 - 5800 PSI]

**Flow capacity - Nennweite**  
NW - 19 mm

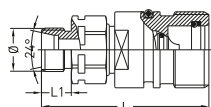
**Standard version - Standardversion**  
Double Shut off - Beideseitig absperribar  
Steel - Stahl  
Zinc Plated - Verzinkt  
Nitrile (Ni) - NBR (Ni)  
Screw to connect - Schraubverriegelung

**Attention:** Only plug and socket with the same thread fit together.  
**Achtung:** Nur Nippel und Kupplungen mit demselben Gewinde passen zusammen

**Fonctions**  
TST 054 series couplings are screw to connect type that can be used in heavy duty high pressureized hydraulics and industrial applications as well as in mobile applications with vibrations.

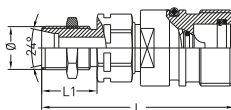
**Technischer Merkmal**  
Die Serie TST 054 ist mit einer Schraubverriegelung ausgeführt und findet ihren Einsatz bei hohen Druckanwendungen.

**Material - Material**  
Body-Grundkörper : Steel - Stahl  
Valve - Ventil : Steel - Stahl  
Springs - Federn : Spring Steel - Federstahl  
Seals - Dichtungen : Buna - N - Buna N



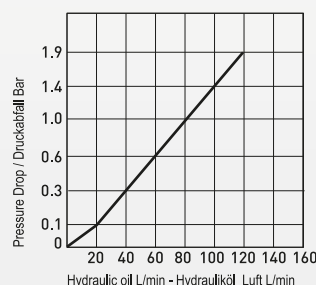
Male threaded sockets for hydraulic pipes with 24° taper according to DIN 3861  
Außengewinde mit 24° Dichtkonus

Ø12	M18x1.5	054.12 EGBM 18-12	79	11
Ø15	M22x1.5	054.12 EGBM 22-15	80	12
Ø18	M26x1.5	054.12 EGBM 26-18	80	12
Ø22	M30x2.0	054.12 EGBM 30-22	82	14
Ø16	M24x1.5	054.12 EGBM 24-16	82	14
Ø20	M30x2.0	054.12 EGBM 30-20	80	16



Male threaded sockets for hydraulic pipes with 24° taper according to DIN 3861 (Bulkhead)  
Außengewinde mit 24° Dichtkonus (Schottwand)

Ø12	M18x1.5	054.12 SGBM 18-12	94	26
Ø15	M22x1.5	054.12 SGBM 22-15	95	27
Ø18	M26x1.5	054.12 SGBM 26-18	95	27
Ø22	M30x2.0	054.12 SGBM 30-22	104	36
Ø16	M24x1.5	054.12 SGBM 24-16	97	29
Ø20	M30x2.0	054.12 SGBM 30-20	104	36



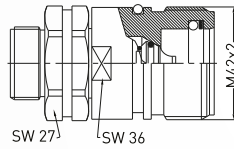


SERIE **054** ■

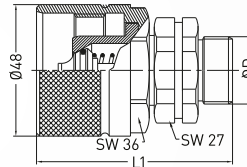
HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN



054.12 Couplers / Muffe



054.12 Plug / Stecker



**Interchangeability - Kompatibilität**  
VOSWINKEL - HS SERIE  
FASTER - CVV SERIE

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

**Working Pressure - Betriebsdruck**  
0 - 400 bar (0 - 5800 PSI)

**Flow capacity - Nennweite**  
NW - 19 mm

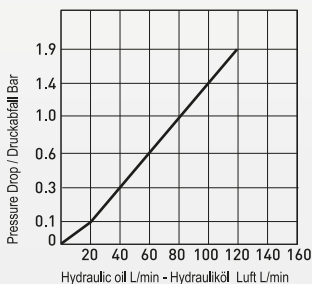
**Standard version - Standardversion**  
Double Shut off - Beidseitig absperrbar  
Steel - Stahl  
Zinc Plated - Verzinkt  
Nitrile (Ni) - NBR (Ni)  
Screw to connect - Schraubverriegelung

**Attention:** Only plug and socket with the same thread fit together.  
**Achtung:** Nur Nippel und Kupplungen mit demselben Gewinde passen zusammen

**Fonctions**  
TST 054 series couplings are screw to connect type that can be used in heavy duty high pressureized hydraulics and industrial applications as well as in mobile applications with vibrations.

**Technischer Merkmal**  
Die Serie TST 054 ist mit einer Schraubverriegelung ausgeführt und findet ihren Einsatz bei hohen Druckanwendungen.

**Material - Material**  
Body-Grundkörper : Steel - Stahl  
Valve - Ventil : Steel - Stahl  
Springs - Federn : Spring Steel - Federstahl  
Seals - Dichtungen : Buna - N - Buna N



Plugs / Stecker

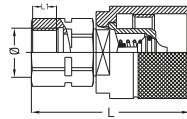
Rohr Tube

Connection Anschlüsse  
Ø

Order No Bestellnr.

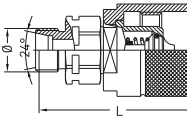
L

L1



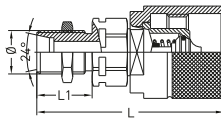
Female thread DIN 3852  
Innengewinde DIN 3852

BSP 1/2"	054.12 DUB 21	76	19
BSP 3/4"	054.12 DUB 26	76	10
NPT 3/4"	054.12 NUB 26	76	19
M22x1.5	054.12 DUBM 22	76	19



Male threaded sockets for hydraulic pipes with 24° taper according to DIN 3861  
Außengewinde mit 24° Dichtkonus

Ø12	M18x1.5	054.12 EUBM 18-12	58	11
Ø15	M22x1.5	054.12 EUBM 22-15	59	12
Ø18	M26x1.5	054.12 EUBM 26-18	59	12
Ø22	M30x2.0	054.12 EUBM 30-22	61	14
Ø16	M24x1.5	054.12 EUBM 24-16	61	14
Ø20	M30x2.0	054.12 EUBM 30-20	76	14



Male threaded sockets for hydraulic pipes with 24° taper according to DIN 3861 (Bulkhead)  
Außengewinde mit 24° Dichtkonus (Schottwand)

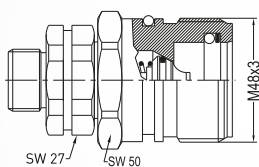
Ø12	M18x1.5	054.12 SUBM 18-12	73	26
Ø15	M22x1.5	054.12 SUBM 22-15	74	27
Ø18	M26x1.5	054.12 SUBM 26-18	74	27
Ø22	M30x2.0	054.12 SUBM 30-22	83	36
Ø16	M24x1.5	054.12 SUBM 24-16	76	29
Ø20	M30x2.0	054.12 SUBM 30-20	83	36

HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN

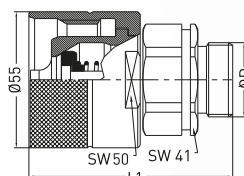
**SERIE 054**



054.20 Couplers / Muffe



054.20 Plug / Stecker



Couplers / Muffe

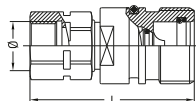
Rohr Tube

Connection Anschlüsse  
Ø

Order No Bestellnr.

L

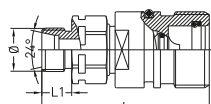
L1



Female thread DIN 3852  
Innengewinde DIN 3852

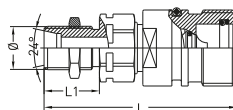
BSP 3/4" 054.20 DGB 26  
BSP 1" 054.20 DGB 33  
NPT 1" 054.20 NGB 33

99 19  
99.2 18  
99 19



Male threaded sockets for hydraulic pipes with 24° taper according to DIN 3861  
Außengewinde mit 24° Dichtkonus

Ø18	M26x1.5	054.20 EGBM 26-18	98	12
Ø22	M30x2.0	054.20 EGBM 30-22	95.3	14.1
Ø28	M36x2.0	054.20 EGBM 36-28	99.2	18
Ø35	M45x2.0	054.20 EGBM 45-35	99	16
Ø20	M30x2.0	054.20 EGBM 30-20	95.3	14.1
Ø25	M36x2.0	054.20 EGBM 36-25	99.2	18
Ø30	M42x2.0	054.20 EGBM 42-30	101.2	20
Ø38	M52x2.0	054.20 EGBM 52-38	101.2	20



Male threaded sockets for hydraulic pipes with 24° taper according to DIN 3861 (Bulkhead)  
Außengewinde mit 24° Dichtkonus (Schottwand)

Ø18	M26x1.5	054.20 SGBM 26-18	110	27
Ø22	M30x2.0	054.20 SGBM 30-22	115	32
Ø28	M36x2.0	054.20 SGBM 36-28	117	34
Ø35	M45x2.0	054.20 SGBM 45-35	117	34
Ø20	M30x2.0	054.20 SGBM 30-20	121	38
Ø25	M36x2.0	054.20 SGBM 36-25	121	38
Ø30	M42x2.0	054.20 SGBM 42-30	121.2	40
Ø38	M52x2.0	054.20 SGBM 52-38	123	40

**Interchangeability - Kompatibilität**  
VOSWINKEL - HS SERIE  
FASTER - CVV SERIE

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

**Working Pressure - Betriebsdruck**  
0 - 300 bar (0 - 4350 PSI)

**Flow capacity - Nennweite**  
NW - 25 mm

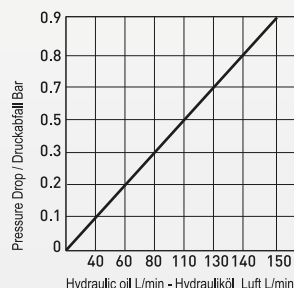
**Standard version - Standardversion**  
Double Shut off - Beideseitig absperrbar  
Steel - Stahl  
Zinc Plated - Verzinkt  
Nitrile (Ni) - NBR (Ni)  
Screw to connect - Schraubverriegelung

**Attention:** Only plug and socket with the same thread fit together.  
**Achtung:** Nur Nippel und Kupplungen mit demselben Gewinde passen zusammen

**Fonctions**  
TST 054 series couplings are screw to connect type that can be used in heavy duty high pressurized hydraulics and industrial applications as well as in mobile applications with vibrations.

**Technischer Merkmal**  
Die Serie TST 054 ist mit einer Schraubverriegelung ausgeführt und findet ihren Einsatz bei hohen Druckenwendungen.

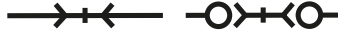
**Material - Material**  
Body-Grundkörper : Steel - Stahl  
Valve - Ventil : Steel - Stahl  
Springs - Federn : Spring Steel - Federstahl  
Seals - Dichtungen : Buna - N - Buna N



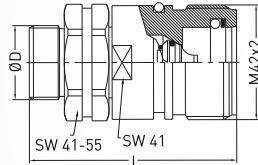


SERIE **054** ■

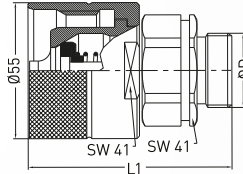
HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN



054.20 Couplers / Muffe



054.20 Plug / Stecker



**Interchangeability - Kompatibilität**  
VOSWINKEL - HS SERIE  
FASTER - CVV SERIE

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

**Working Pressure - Betriebsdruck**  
0 - 300 bar (0 - 4350 PSI)

**Flow capacity - Nennweite**  
NW - 25 mm

**Standard version - Standardversion**  
Double Shut off - Beideseitig absperierbar  
Steel - Stahl  
Zinc Plated - Verzinkt  
Nitrile (Ni) - NBR (Ni)  
Screw to connect - Schraubverriegelung

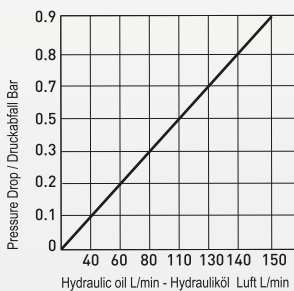
**Attention:** Only plug and socket with the same thread fit together.  
**Achtung:** Nur Nippel und Kupplungen mit demselben Gewinde passen zusammen

**Fonctions**  
TST 054 series couplings are screw to connect type that can be used in heavy duty high pressureized hydraulics and industrial applications as well as in mobile applications with vibrations.

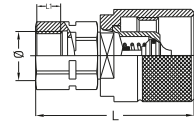
**Technischer Merkmal**  
Die Serie TST 054 ist mit einer Schraubverriegelung ausgeführt und findet ihren Einsatz bei hohen Druckanwendungen.

**Material - Material**

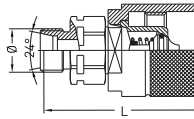
Body-Grundkörper : Steel - Stahl  
Valve - Ventil : Steel - Stahl  
Springs - Federn : Spring Steel - Federstahl  
Seals - Dichtungen : Buna - N - Buna N



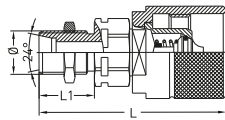
Plugs / Stecker



Female thread DIN 3852  
Innengewinde DIN 3852



Male threaded sockets for hydraulic pipes with 24° taper according to DIN 3861  
Außengewinde mit 24° Dichtkonus



Male threaded sockets for hydraulic pipes with 24° taper according to DIN 3861 (Bulkhead)  
Außengewinde mit 24° Dichtkonus (Schottwand)

Rohr Tube	Connection Anschlüsse Ø	Order No Bestellnr.	L	L1
	BSP 3/4"	054.20 DUB 26	82	19
	BSP 1"	054.20 DUB 33	86.3	18
	NPT 1"	054.20 NUB 33	82	19
<hr/>				
Ø18	M26x1.5	054.20 EUBM 26-18	85.1	12
Ø22	M30x2.0	054.20 EUBM 30-22	82.4	14.1
Ø28	M36x2.0	054.20 EUBM 36-28	86.3	18
Ø35	M45x2.0	054.20 EUBM 45-35	73	16
Ø20	M30x2.0	054.20 EUBM 30-20	82.4	14
Ø25	M36x2.0	054.20 EUBM 36-25	86.3	18
Ø30	M42x2.0	054.20 EUBM 42-30	88.3	20
Ø38	M52x2.0	054.20 EUBM 52-38	88.3	20
<hr/>				
Ø18	M26x1.5	054.20 SUBM 26-18	84	27
Ø22	M30x2.0	054.20 SUBM 30-22	89	32
Ø28	M36x2.0	054.20 SUBM 36-28	91	34
Ø35	M45x2.0	054.20 SUBM 45-35	91	34
Ø20	M30x2.0	054.20 SUBM 30-20	95	38
Ø25	M36x2.0	054.20 SUBM 36-25	95	38
Ø30	M42x2.0	054.20 SUBM 42-30	108.3	40
Ø38	M52x2.0	054.20 SUBM 52-38	97	40

**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN

**SERIE 070**

ISO 7241-1 SERIE B ISO B ND-NW 3 to 50mm 



Working Pressure - Betriebsdruck

Body Size Baugröße	Brass - Messing Bar	Steel - Stahl Bar	Stainless Steel Edelstahl (AISI 303 / AISI 316) Bar
BSP 1/8"	210	275	350
BSP 1/4"	185	350	250
BSP 3/8"	152	350	250
BSP 1/2"	160	350	290
BSP 3/4"	138	275	250
BSP 1"	105	275	180
BSP 1 1/4"	85	120	120
BSP 1 1/2"	105	150	150
BSP 2"	50	104	104
BSP 2 1/2"	50	104	104

Hydraulic Couplings  
Hydraulische Kupplungen

**Interchangeability - Kompatibilität**  
HANSEN HK SERIE, PARKER 60 SERIE,  
RECTUS 71-72-73-74-75-76 SERIE,  
FASTER HNV SERIE  
ISO 7241-1 SERIE B  
According to request is manufactured from  
AISI 303, AISI 316TI

**Auf Anfragen in Edelstahl :**  
AISI 303, AISI 316TI und

**Temperature Range - Temperaturbereich**  
-25 OC +125 OC / -13 OF +257 OF  
With standard seals -  
Mit standart Dichtung : Nitrile - NBR (Ni)

**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.

**Applications**

- High pressure hydraulic circuits.
- Connection of hydraulic pumps, valves and quick tool change.
- Aluminium die casting.
- Test benches.
- Plastic industry tool changing.
- Steel industry.

**Attention :**

Only plug and socket with the same thread fit together

**Funktionen:**

Wenn Kupplung und Nippel entkuppelt werden, verschliessen die Ventildichtungen sofort automatisch und ein Auslaufen der Flüssigkeit wird verhindert. Der O-Ring in dem Nippelventil an der Nippeloberfläche verhindert jegliche Leckage.

**Anwendungen**

- Hochdruck-Hydraulikkreisläufe
- Verbindung von hydraulike Pumpen und Ventile für schnellen Werkzeugwechsel.
- Aluminiumdruckguss
- Prüfstände
- Werkzeugwechsel in der Kunststoffindustrie
- Stahlindustrie

**Achtung:**

Nur Nippel und Kupplung mit dem selben Gewinde passen zusammen

Working Pressure - Betriebsdruck

O-Ring Material - Sprenging Material	Temperature range / Tempereturbereich
NBR (Nitrile)	- 20°C + 110°C (- 4°F + 230°F)
FKM (Viton)	- 20°C + 180°C (-4°F + 356°F)
EPDM ( Ethylene Propylene)	-40°C + 150°C (- 40°F + 302°F)
CR (Neopren)	-40°C + 100°C (- 40°F + 212°F)





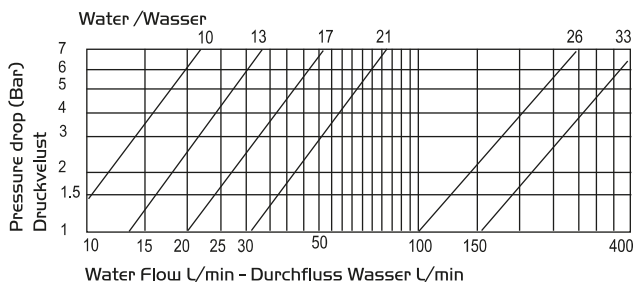
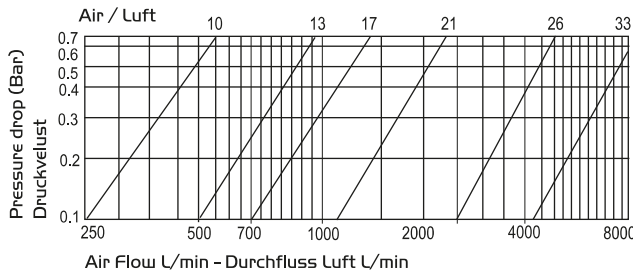
**COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS**

KUPPLUNGEN, MULTIKUPPLUNGEN & KÜHLUNGSELEMENTE FÜR WERKZEUGE

**SERIE 070**



ISO 7241-1 SERIE B ISO B ND-NW 3 to 25 mm



Hydraulic Couplings  
Hydraulische Kupplungen

**Interchangeability - Kompatibilität**  
HANSEN HK SERIE, PARKER 60 SERIE, RECTUS 70 SERIE, FASTER HNV SERIE  
ISO 7241-1 SERIE B  
According to request is manufactured from  
AISI 303, AISI 316TI

**Auf Anfragen in Edelstahl :**  
AISI 303, AISI 316TI

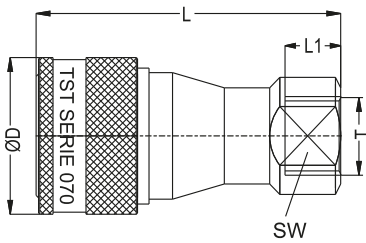
**Temperature Range - Temperaturbereich :**  
-25 OC +125 OC / -13 OF +257 OF  
With standard seals -  
Mit standart Dichtung : Nitrile - NBR (Ni)

**Material - Material**  
Coupler Body -  
Kupplungsgrundkörper : MS 58  
Sleeve - Hülse : MS 58  
Valve - Ventil : MS 58  
Springs - Federn : AISI 301  
Locking O-Ring-  
Sprengring : AISI 301  
Balls - Kugeln : AISI 420  
Seals - Dichtungen : Nitrile (Ni) - NBR (Ni)

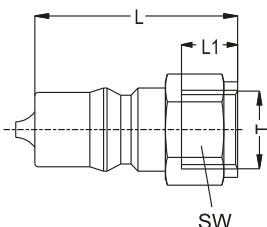
According to the new coding for double shut-off products "B" has been added on the  
New Code: 070 DGB  
Old Code : 070 DG

Nach dem neuen Artikelnummersystem, wird für absperrende Produkte ein "B" addiert  
Neue Artikelnummer: 070 DGB  
Alte Artikelnummer: 070 DG

**Coupler and Plug  
Kupplung und Nippel**



Female Thread Coupler  
Kupplung mit Innengewinde



Female Thread Plug  
Nippel mit Innengewinde

Connection  
Anschluß  
ØT

Order No - Bestellnr.



SW

ØD

L

BSP 1/8"	070 DGB 10	070 DGF 10	14	24	48.7
BSP 1/4"	070 DGB 13	070 DGF 13	19	28.2	56.3
BSP 3/8"	070 DGB 17	070 DGF 17	22	34	64
BSP 1/2"	070 DGB 21	070 DGF 21	28	42	71.5
BSP 3/4"	070 DGB 26	070 DGF 26	34	52	94
BSP 1"	070 DGB 33	070 DGF 33	41	60	106

BSP 1/8"	070 DUB 10	070 DUF 10	14		29.5
BSP 1/4"	070 DUB 13	070 DUF 13	19		35
BSP 3/8"	070 DUB 17	070 DUF 17	22		39
BSP 1/2"	070 DUB 21	070 DUF 21	27		44
BSP 3/4"	070 DUB 26	070 DUF 26	36		60
BSP 1"	070 DUB 33	070 DUF 33	41		65.5

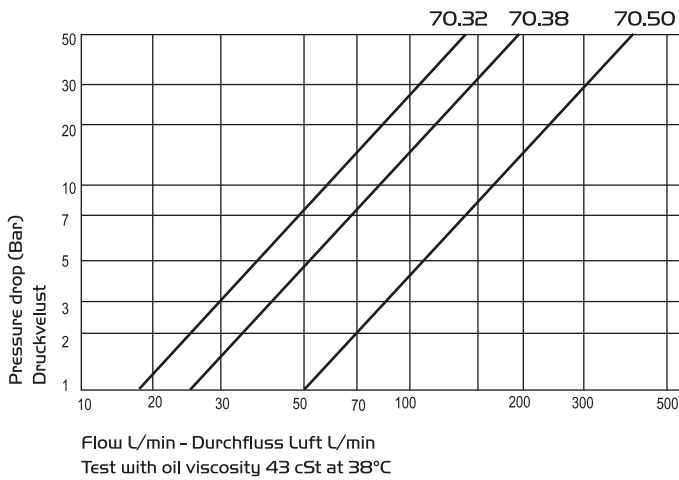
**HYDRAULIC COUPLINGS** **SERIE 070.32-070.38-070.50**  
**HYDRAULIK KUPPLUNGEN**



ISO 7241-1 SERIE B ISO B ND-NW 30 to 50 mm

Double Shut-off  
Beideseitig absperrend

Full Flow  
Nicht absperrend



Hydraulic Couplings  
Hydraulische Kupplungen

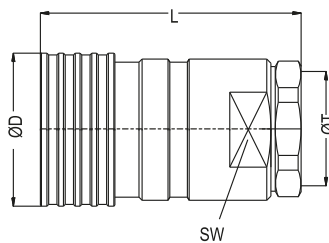
**Interchangeability - Kompatibilität**  
HANSEN HK SERIE, PARKER 60 SERIE,  
RECTUS 70 SERIE, FASTER HNVS SERIE  
ISO 7241-1 SERIE B  
According to request is manufactured from  
AISI 303, AISI 316TI

**Auf Anfragen in Edelstahl :**  
AISI 303, AISI 316TI

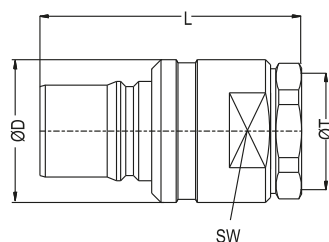
**Temperature Range - Temperaturbereich :**  
-25 OC +125 OC / -13 OF +257 OF  
With standard seals -  
Mit standart Dichtung : Nitrile - NBR (Ni)

**Material - Material**  
Coupler Body -  
Kupplungsgrundkörper : MS 58  
Sleeve - Hülse : MS 58  
Valve - Ventil : MS 58  
Springs - Federn : AISI 301  
Locking O-Ring-  
Sprengring : AISI 301  
Balls - Kugeln : AISI 420  
Seals - Dichtungen : Nitrile (Ni)-  
NBR (Ni)

**Coupler and Plug**  
**Kupplung und Nippel**



Female Thread Coupler  
Kupplung mit Innengewinde



Female Thread Plug  
Nippel mit Innengewinde

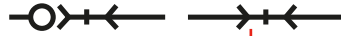
Body Size Baugröße	Connection Anschluß ØT	Order No - Bestellnr.		SW	ØD	L
		 Double Shut-off Einseitig absperrend	 Full Flow Nicht absperrend			
32	BSP 11/4"	070.32 DGB 42	070.32 DGF 42	60	70	114
38	BSP 11/2"	070.38 DGB 48	070.38 DGF 48	65	75	126
50	BSP 2"	070.50 DGB 60	070.50 DGF 60	90	105	142
50	BSP 2 1/2"	070.50 DGB 75	070.50 DGF 75	100	110	167
32	BSP 11/4"	070.32 DUB 42	070.32 DUF 42	60	70	108
38	BSP 11/2"	070.38 DUB 48	070.38 DUF 48	65	70	126
50	BSP 2"	070.50 DUB 60	070.50 DUF 60	90	100	142
50	BSP 2 1/2"	070.50 DUB 75	070.50 DUF 75	100	110	167





# SERIE 071

## HYDRAULIC COUPLINGS HYDRAULIK KUPPLUNGEN



SUPER FLOW LINE SUPER DURCHFLUSS

**Interchangeability - Kompatibilität**  
TST DESIGN

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

**Working Pressure - Betriebsdruck**  
0 - 35 bar (0 - 508 PSI)

**Flow capacity - Nennweite**  
NW - 19

**Options - Optionen**

- F - Straight through flow - ungehinderter Durchfluss
- K - Chrome plated - verchromt
- S - Stainless Steel - Edelstahl
- V - Viton Seal - Viton Dichtung

For optional orders please add the symbol of your option end of the order no.  
Bei Optionsbestellungen Kennbuchstabe bitte hinzufügen (Beispiel: 071 EG 13-K-V)

**Material - Material**

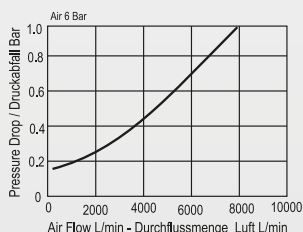
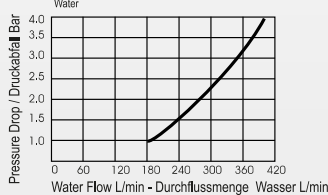
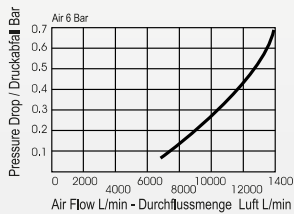
- Coupler Body - Kupplungsgrundkörper : Brass - Messing
- Sleeve - Hülse : Brass - Messing
- Valve - Ventil : Brass - Messing
- Springs - Federn : Stainless Steel - Edelstahl

- Locking O-Ring-Sprenging : Stainless Steel - Edelstahl

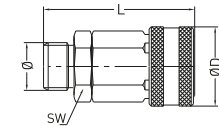
- Balls - Kugeln : Stainless Steel - Edelstahl

- Seals - Dichtungen : Buna - N - Buna N
- Plug - Nippel : Brass - Messing

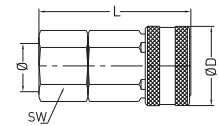
According to the new coding for full flow products "F" has been added on the New Code: 071 EGF 17 - Old Code : 071 EG 17  
Nach unserem neuen System, wird für ein Artikel mit freiem Durchfluss ein "F" hinzugefügt  
Neue Art.nummer: 071 EGF 17 - Alte Art.nummer: 071 EG 17



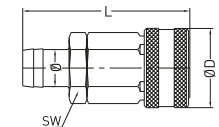
**Couplers and Plugs  
Kupplungen und Nippel**



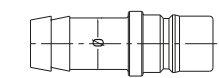
Male Threaded Coupling  
Kupplung mit Aussengewinde



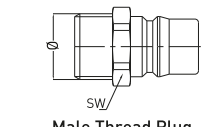
Female Thread Coupling  
Kupplung mit Innengewinde



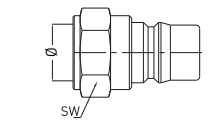
Standard Hose Barb Coupling  
Kupplung mit Schlauchtülle



Plug With hose tail  
Nippel mit Schlauchtülle



Male Thread Plug  
Nippel mit Aussengewinde



Female Thread Plug  
Nippel mit Innengewinde

Connection Anschlüsse	Order No / Bestellnr.		SW	L	ØD
	Single-Shut off einseitig schlies.	Full Flow freier Durchfluss			
BSP 1/2"	071 EG 21	071 EGF 21	32	80	42
BSP 3/4"	071 EG 26	071 EGF 26	36	53	42
BSP 1"	071 EG 33	071 EGF 33	41	53	42

BSP 1/2"	071 DG 21	071 DGF 21	32	80	42
BSP 3/4"	071 DG 26	071 DGF 26	32	81	42
BSP 1"	071 DG 33	071 DGF 33	40	84	42
BSP 1 1/4"	071 DG 42	071 DGF 42	50	85	42

16 mm - 5/8"	071 HG 16	071 HGF 16	32	100	42
19 mm - 3/4"	071 HG 19	071 HGF 19	32	100	42
25 mm - 1"	071 HG 25	071 HGF 25	32	96	42

	071 HU 13	60
16 mm - 5/8"	071 HU 16	66
19 mm - 3/4"	071 HU 19	66
25 mm - 1"	071 HU 25	66
	071 HU 22	66

BSP 1/2"	071 EU 21	27	50
BSP 3/4"	071 EU 26	30	54
BSP 1"	071 EU 33	36	57
BSP 1 1/4"	071 EU 42	45	60

BSP 1/2"	071 DU 21	32	51
BSP 3/4"	071 DU 26	32	51
BSP 1"	071 DU 33	40	54
BSP 1 1/4"	071 DU 42	50	54

HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN

■ SERIE 072

ISO 16028



Coupler  
Kupplung

Body Size Nennweite Ø	Connection Anschlüsse T	Order No Bestellnr.	SW	L	ØD
-----------------------------	-------------------------------	------------------------	----	---	----

1/4"  
6mm

BSP1/4"	072.06 DGB 13	27	53	28
NPT1/4"	072.06 NGB 13	27	53	28
UNF9/16"-18	072.06 UGB 14	27	56	28

3/8"  
10mm

BSP 3/8"	072.10 DGB 17	27	62	30.5
BSP 1/2"	072.10 DGB 21	27	71	30.5
NPT 3/8"	072.10 NGB 17	27	62	30.5
NPT 1/2"	072.10 NGB 21	27	71	30.5
UNF 9/16"-18	072.10 UGB 14	27	62	30.5
UNF 3/4"-16	072.10 UGB 19	27	71	30.5

1/2"  
12mm

BSP 1/2"	072.12 DGB 21	35	83	39
NPT 1/2"	072.12 NGB 21	35	83	39
UNF 7/8"-14	072.12 UGB 22	35	83	39
BSP 3/4"	072.12 DGB 26	35	83	39
NPT 3/4"	072.12 NGB 26	35	83	39
UNF 1.1/16"-12	072.12 UGB 27	35	83	39

5/8"  
16mm

BSP3/4"	072.16 DGB 26	36	86	42
NPT3/4"	072.16 NGB 26	36	86	42
UNF1.1/16"-12	072.16 UGB 27	36	86	42

3/4"  
19mm

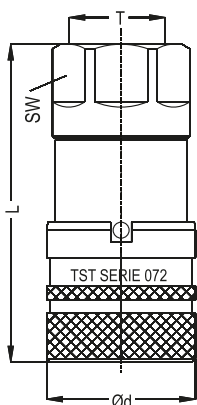
BSP1"	072.19 DGB 33	41	97	48
NPT1"	072.19 NGB 33	41	97	48
UNF1.5/16"-12	072.19 UGB 33	41	97	48

1"  
25mm

BSP1.1/4"	072.25 DGB 42	55	106	55
NPT1.1/4"	072.25 NGB 42	55	106	55
UNF1.5/8"-12	072.25 UGB 41	55	106	55

1.1/2"  
33mm

BSP1.1/2"	072.37 DGB 48	65	132	83
NPT1.1/2"	072.37 NGB 48	65	132	83
UNF1.7/8"-12	072.37 UGB 48	65	132	83



Female Threaded Coupler  
Kupplung mit Innengewinde

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

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

Working Pressure - Betriebsdruck

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
072.06	325	1200	1200	700
072.10	325	1200	1200	700
072.12	325	1200	1200	700
072.16	270	1100	1100	700
072.19	270	950	950	500
072.25	250	950	950	500
072.33	200	700	700	400

Flow capacity - Nennweiten  
NW - 1/4" - 1.1/2"

Standard version - Standardversion  
Steel - Stahl  
Zinc plated with white chromate -Verzinkt  
Nitrile - NBR

Material - Material

Coupler Body Kupplungsgrundkörper:	Steel - Stahl
Back Part - Hinterteil	: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	:Viton (FPM)
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 TST 072 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.

According to the new coding for double-shut-off products "B" has been added on the  
New Code: 072.10 DGB 17 Old Code : 072.10 DG 17

Nach dem neuen Artikelnummersystem, wird für beidseitig absperrende Produkte ein "B" addiert  
Neue Artikelnummer: 072 DGB 17  
Alte Artikelnummer: 072 DG 17



SERIE **072** ■

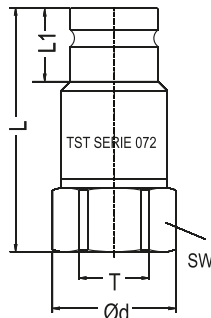
HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN



ISO 16028

Plug  
Stecker

Body Size Nennweite Ø	Connection Anschlüsse T	Order No Bestellnr.	SW	L	LI	ØD
1/4" 6mm	BSP 1/4"	072.06 DUB 13	22	48	12	24
	NPT 1/4"	072.06 NUB 13	22	48	12	24
	UNF 9/16"-18	072.06 UUB 14	22	51	12	24
3/8" 10mm	BSP 3/8"	072.10 DUB 17	24	62	17	27.4
	BSP 1/2"	072.10 DUB 21	27	68.5	17	30
	NPT 3/8"	072.10 NUB 17	24	62	17	27.4
	NPT 1/2"	072.10 NUB 21	27	68.5	17	30
	UNF 9/16"-18	072.10 UUB 14	24	62	17	27.4
1/2" 12mm	UNF 3/4"-16	072.10 UUB 19	27	68.5	17	30
	BSP 1/2"	072.12 DUB 21	30	69	18	33
	NPT 1/2"	072.12 NUB 21	30	69	18	33
	UNF 7/8"-14	072.12 UUB 22	30	69	18	33
	BSP 3/4"	072.12 DUB 26	30	69	18	33
5/8" 16mm	NPT 3/4"	072.12 NUB 26	30	69	18	33
	UNF 1.1/16"-12	072.12 UUB 27	30	69	18	33
	BSP 3/4"	072.16 DUB 26	35	75	18	39
3/4" 19mm	NPT 3/4"	072.16 NUB 26	35	75	18	39
	UNF 1.1/16"-12	072.16 UUB 27	35	75	18	39
	BSP 1"	072.19 DUB 33	46	84	24	50
1" 25mm	NPT 1"	072.19 NUB 33	46	84	24	50
	UNF 1.5/8"-12	072.19 UUB 33	46	84	24	50
	BSP 1.1/4"	072.25 DUB 42	55	90	24	60
1.1/2" 33mm	NPT 1.1/4"	072.25 NUB 42	55	90	24	60
	UNF 1.5/8"-12	072.25 UUB 41	55	90	24	60
	BSP 1.1/2"	072.37 DUB 48	70	111	30	74
	NPT 1.1/2"	072.37 NUB 48	70	111	30	74
	UNF 1.7/8"-12	072.37 UUB 48	70	111	30	74



Female Threaded Plug  
Nippel mit Innengewinde

**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.

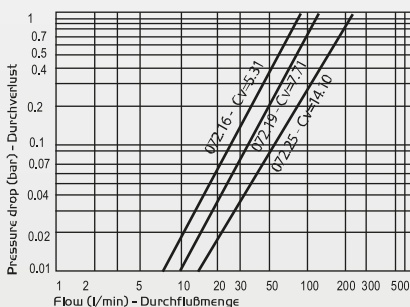
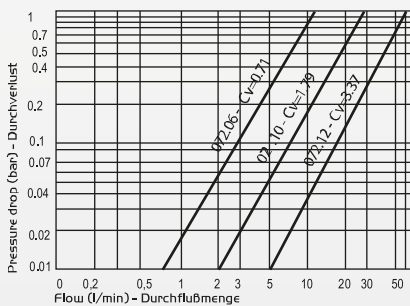
**Verriegelungskugeln:**  
Ein große Anzahl von Kugeln verteilt die Last gleichmäßig auf die Verriegelungsbahn. Ventil : Die Flachdichtventile zeichnen sich beim Kuppeln und Entkuppeln durch minimalen Leckölverlust aus.

**Dichtungen:**  
Die Dichtungen sind speziell für hohe Drücke konzipiert. Standardmäßig ist die Serie TST 072 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.

According to the new coding for double-shut-off products "B" has been added on the New Code: 072.10 DUB 17 Old Code : 072.10 DG 17

Nach dem neuen Artikelnummersystem, wird für beidseitig absperrende Produkte ein "B" addiert  
Neue Artikelnummer: 072 DUB 17  
Alte Artikelnummer: 072 DG 17



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

**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN

**SERIE 073**

SUPER FLOW LINE **SUPERDURCHFLUSS**



**Interchangeability - Kompatibilität**  
GROMELLE 56000, OTHER MANUFACTURER PRODUCTS

**Temperature Range Temperaturbereich**  
-20°C +100°C (-4°F +212°F)  
-20°C +180°C (-4°F +370°F)

**Working Pressure - Betriebsdruck**  
0 - 700 bar (0 - 10000 PSI)

**Flow capacity - Nennweite**  
NW - 1/4" - 3/8"

**Standard version - Standardversion**  
Nitrile (Ni) - NBR (Ni)  
Zinc plated - Verzinkt  
Double shut off - Beideseitig absperrrbar

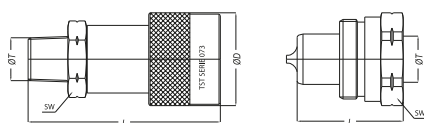
**Option - Optionen**  
F - Straight through flow - ungehinderter Durchfluss  
S - Stainless Steel - Edelstahl  
V - Viton Seal - Viton Dichtung

For optional orders please add the symbol of your option end of the order no.  
Bei Optionsbestellungen Kennbuchstabe bitte hinzufügen (073 EG 13-1-K-V)

**Material - Material**

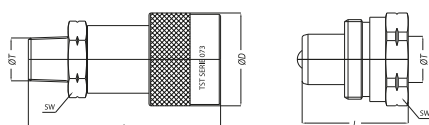
- Coupler Body - Kupplungsgrundkörper : Steel Nickel Plated - Stahl vernickelt
- Sleeve - Hülse : Steel Nickel Plated - Stahl vernickelt
- Valve - Ventil : Brass - Messing
- Spring - Federn : Stainless Steel - Edelstahl
- Locking O-Ring - Sprengring : Stainless Steel - Edelstahl
- Balls Kugeln : Stainless Steel - Edelstahl AISI 420L
- Seals - Dichtungen : Nitrile (Ni) - NBR (Ni)
- Plug - Nippel : Steel Nickel Plated - Stahl vernickelt

**Poppet valving serie - Tellerventil Serie**



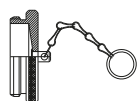
Couplers and Plugs Kupplungen und Nippel	Body Size Nennweite	Connection Anschlüsse (ØT)	Order No Bestellnr.	SW	Lenght - Lange		ØD
					L	Coupled Gekuppelt	
Coupler Body Kupplungs-Grundkörper	1/4"	NPT 1/4"	073 TGB 13	22	63.5	77	30
	3/8"	NPT 3/8"	073 TGB 17	25	72.5	87.5	35
	3/8"	BSP 3/8"	073 DGB 17	25	56.7		
Plug Nippel	1/4"	NPT 1/4"	073 NUB 13	19	32.5	88	
	3/8"	NPT 3/8"	073 NUB 17	32	40	87.5	
	3/8"	BSP 3/8"	073 DUB 17	32	40		

**Ball valving serie - Kugelventil Serie**



Couplers and Plugs Kupplungen und Nippel	Body Size Baugröße	Connection Anschlüsse (ØT)	Order No Bestellnr.	SW	Lenght - Lange		ØD
					L	Coupled Gekuppelt	
Coupler Body Kupplungs-Grundkörper	1/4"	NPT 1/4"	073 TGB 13-1	22	58.8	73.3	30
	3/8"	NPT 3/8"	073 TGB 17-1	27	72	87.2	35
Plug Nippel	1/4"	NPT 1/4"	073 NUB 13-1	19	32.5	73.3	
	3/8"	NPT 3/8"	073 NUB 17-1	32	40	87.2	

**Anti - Dust Cap / Staubdecke**



073 KG 13  
073 KG 17

For Couplers / Für Kupplungen



073 KU 13  
073 KU 17

For Plugs / Für Nippel

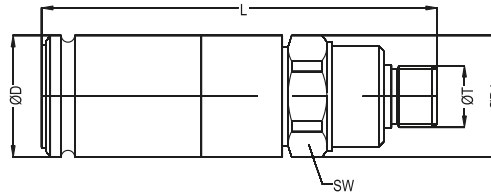


SERIE **074** ■

**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN



AGRICULTURAL HYDRAULIC SERIE **HYDRAULIK SERIE**



**Interchangeability - Kompatibilität**  
PARKER 9400

**Temperature Range Temperaturbereich**  
-30°C +100°C (-22°F +212°F)

**Working Pressure - Betriebsdruck**  
0 - 250 Bar

**Flow capacity - Nennweite**  
1/2" (ISO 7241 - 1 SERIE A, ISO 5675)

**Standard version - Standardversion**

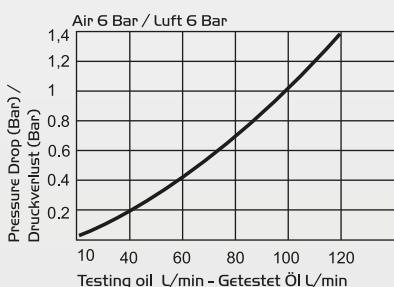
Steel Zinc Plating with white chromating -  
Stahl verzinkt mit chromgelben  
NBRP - Ring + Teflon Seal -  
NBRP-Ring+PTFE-Dichtung  
Conical valve (poppet) - Konisches Ventil  
Body size 1/2" - Gehäusegröße 1/2"

**Application**

TST 074 Hydraulic couplings used on medium and high power range of tractors. Its advanced features and simple handling are highly appreciated by major tractor manufacturers and end users. With mounting on a special valve or rigid piping, TST 074 serie coupling features a push-toconnect, pull-to-disconnect operation with a breakaway facility. Connection is possible with the male tip in the pressurised or non pressurised condition up to 80 bar. Closing of hydraulic circuit under high backflow conditions is prevented by a detect mechanism.

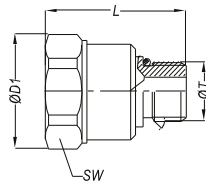
**Anwendung**

TST 074Hydraulikkupplungen werden an Traktoren mit mittlerer und hoher Leistung eingesetzt. Ihre sehr guten Eingehaften und die einfache Handhabung sind bei Traktorherstellern und Endnutzern sehr geschätzt. Bei Montage an einem Ventil oder einer unnachgiebigen Rohrleitung hilft eine TST 074 Serienkupplungseigenschaft: Drücken-zum-Verbinden, ziehen-zum-Trennen mit einer unfassbaren Leichtigkeit. Die Verbindung funktioniert bei einem ausgeglichenem oder nicht ausgeglichenem Druck von bis zu 80 bar. Verschließen des Hydraulikkreises wird durch einen Sperrmechanismus verhindert.



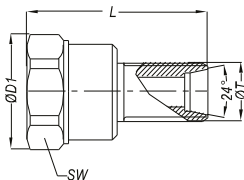
**Couplers and Plugs**  
**Kupplungen und Nippel**

Connection Anschlüsse ØT	Order No Bestellnr.	Tube Ø	SW	L	Dia. Durchmesser	
					D	DI



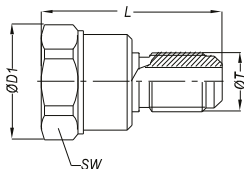
Male Thread Coupler  
(ISO 6149-2)  
Kupplung mit Aussengewinde  
(ISO 6149-2)

M 22x1.5	074 EGBM 22		32	115	38	36
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Male Thread Coupler  
Ø (DIN 2353 15L 24° conical)  
Kupplung mit Aussengewinde  
Ø (DIN 2353 15L 24° konisch)

M 22x1.5	074 EGBM 22	15	38	135	38	40
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Male Thread Coupler  
(JIC 37°-SEA J514)  
Kupplung mit Aussengewinde  
(JIC 37°-SEA J514)

UNF 3/4"	074 JGBM 19	74	38	132	38	40
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**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN

**SERIE 074F**



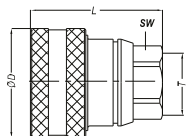
AGRICULTURAL COUPLER **AGRAR-HYDRAULIK SERIE**

FLAT-FACE



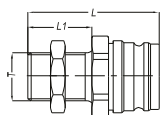
**Couplers and Plugs**  
Kupplungen und Nippel

Connection Anschlüsse ØT	Order No Bestellnr.	L	LI	ØD	SW
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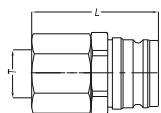
Female Thread Coupler  
Kupplung mit Innengewinde

M 18x1.5	074F DGBM 18	56.5		47	27
M 20x1.5	074F DGBM 20	56.5		47	27
3/8"	074F DGB 17	56.5		47	27
1/2"	074F DGB 21	56.5		47	27



Male Thread Plugs  
Nippel mit Außengewinde

M 18x1.5	074F EUBM 18	51	23	220	32
M 20x1.5	074F EUBM 20	51	23	220	32
1/2"	074F EUB 21	43	15	220	32



Female Thread Plugs  
Nippel mit Innengewinde

1/2"	074F DUB 21	51		220	32
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**Interchangeability - Kompatibilität**  
PARKER 5676 serie Hansen - Gromelle Serie 9000

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

**Working Pressure - Betriebsdruck**  
Max. 220 bar - 3300 PSI (max.)

**Flow capacity - Nennweite**  
NW Ø8 mm.

**Material - Material**  
Main parts made of Steel  
Bichromated - Zing Plated  
All Highly Stressed component  
Are Hardened  
Seals - Nitrile (Ni) - NBR (Ni)  
Buck-Up Ring - PTFE





SERIE **075** ■

HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN



**Interchangeability - Kompatibilität**  
INTERTRACO S SERIE

**Temperature Range Temperaturbereich**  
-20 °C +10 °C (-4 °F +230 °F)

**Flow capacity - Nennweite**  
TST 075.13 / NW - 1/4" - 6 mm  
TST 075.17 / NW - 3/8" - 10 mm  
TST 075.21 / NW - 1/2" - 12 mm  
TST 075.26 / NW - 3/4" - 20 mm  
TST 075.33 / NW - 1" - 25 mm

**Standard version - Standardversion**  
Double Shut off - Beidseitig absperrbar  
Steel - Stahl  
Zinc Plated with yellow chromate - Verzinkt  
Nitrile (Ni) - NBR (Ni)  
Screw to connect - Schraubverriegelung

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

**Achtung**  
Nur Nippel und kupplungen mit demselben Gewinde passen zusammen

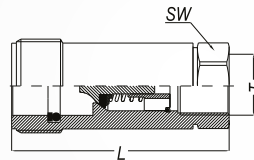
**Fonctions**  
TST 075 series couplings are screw to connect type that can be used in heavy duty high pressureized hydraulics and industrial applications as well as in mobile applications with vibrations.

**Technischer Merkmal**  
Die Serie TST 075 ist mit einer Schraubverriegelung ausgeführt und findet ihren Einsatz bei hohen Druckenwendungen.

**Material - Material**

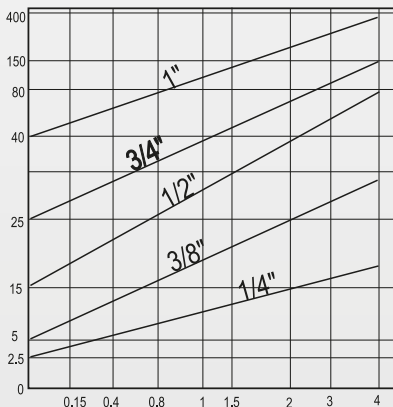
- Coupler Body- Kupplungsgrundkörper: Steel - Stahl
- Sleeve - Hülse : Steel - Stahl
- Valve - Ventil : Steel - Stahl
- Springs - Federn : Spring Steel - Federstahl
- Locking O-Ring- : Spring Steel - Federstahl
- Sprengring : Spring Steel - Federstahl
- Balls - Kugeln : Stainless Steel - Edelstahl
- Seals - Dichtungen : Buna - N - Buna N
- Plug - Nippel : Steel - Stahl

Couplers  
Kupplungen



Screw to connect female threaded Coupler  
Kupplung mit Innengewinde und Schraubverriegelung

Connection Anschlüsse T	Order No Bestellnr.	SW		L		Working Pressure Betriebsdruck	
		mm	inches	mm	inches	Bar	PSI
BSP 1/4"	075 DGB 13	19	0.75	51.5	1.97	500	7250
NPT 1/4"	075 NGB 13	19	0.75	51.5	1.97	500	7250
BSP 3/8"	075 DGB 17	22	0.86	58	2.28	450	6525
NPT 3/8"	075 NGB 17	22	0.86	58	2.28	450	6525
BSP 1/2"	075 DGB 21	30	1.18	74	2.91	400	5800
NPT 1/2"	075 NGB 21	30	1.18	74	2.91	400	5800
BSP 3/4"	075 DGB 26	34	1.34	91	3.58	350	5075
NPT 3/4"	075 NGB 26	34	1.34	91	3.58	350	5075
BSP 1"	075 DGB 33	40	1.57	90.8	3.57	300	4350
NPT 1"	075 NGB 33	40	1.57	90.8	3.57	300	4350



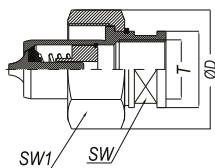
HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN

■ SERIE 075



Couplers  
Kupplungen

Connection Anschlüsse T	Order No Bestellnr.	SW		SW		L		Ø		Working Pressure Betriebsdruck	
		mm	inches	mm	inches	mm	inches	mm	inches	Bar	PSI
BSP 1/4"	075 DUB 13	27	1.06	16	0.63	36	1.42	30	1.18	500	7250
NPT 1/4"	075 NUB 13	27	1.06	16	0.63	36	1.42	30	1.18	500	7250
BSP 3/8"	075 DUB 17	34	1.34	20	0.79	42	1.65			450	6525
NPT 3/8"	075 NUB 17	34	1.34	20	0.79	42	1.65			450	6525
BSP 1/2"	075 DUB 21	42	1.65	27	1.06	55	2.17	46	1.81	400	5800
NPT 1/2"	075 NUB 21	42	1.65	27	1.06	55	2.17	46	1.81	400	5800
BSP 3/4"	075 DUB 26	50	1.97	30	1.18	63	2.48			350	5000
NPT 3/4"	075 NUB 26	50	1.97	30	1.18	63	2.48			350	5000
BSP 1"	075 DUB 33	60	2.36	40	1.57	61	2.40			300	4350
NPT 1"	075 NUB 33	60	2.36	40	1.57	61	2.40			300	4350



Screw to connect female threaded Coupler  
Kupplung mit Innengewinde und Schraubverriegelung





SERIE **076** ■

HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN



**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

**Temperature Range Temperaturbereich**  
-25°C +125°C (-13°F +257°F)  
With standard seals -  
Mit standart Dichtung : Buna (M) NBR

**Flow capacity - Nennweite**  
TST 076.13 / NW - 1/4" - 6 mm  
TST 076.17 / NW - 3/8" - 10 mm  
TST 076.21 / NW - 1/2" - 12 mm  
TST 076.26 / NW - 3/4" - 20 mm  
TST 076.33 / NW - 1" - 25 mm

**Standard version - Standardversion**  
Double Shut off - doppelt absperrbar  
Steel - Stahl  
Zinc Plated with yellow chromate - Verzinkt  
Buna ( M ) - Buna (M)

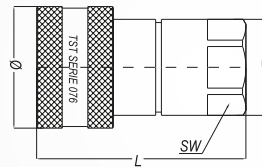
**Attention**  
Only plug and socket with the  
same thread fit together.

**Achtung**  
Nur Nippel und kupplungen mit  
demselben Gewinde passen zusammen

**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)

Couplers  
Kupplungen



Female Thread Coupler  
Kupplung mit Innengewinde

Connection Anschlüsse T	Order No Bestellnr.	SW		L		Ø		Working Pressure Betriebsdruck	
		mm	inches	mm	inches	mm	inches	Bar	PSI
BSP 1/8"	076 DGB 10	19	0.74	41.5	1.63	24	0.94	420	6090
BSPP 1/4"	076 DGB 13	19	0.75	50	1.97	25	0.98	400	5800
NPTF 1/4"	076 NGB 13	19	0.75	50	1.97	25	0.98	400	5800
BSPP 3/8"	076 DGB 17	22	0.87	57	2.24	31	1.22	300	4350
NPTF 3/8"	076 NGB 17	22	0.87	57	2.24	31	1.22	300	4350
BSPP 1/2"	076 DGB 21	27	1.06	66	2.60	38	1.49	250	3625
NPTF 1/2"	076 NGB 21	27	1.06	66	2.60	38	1.49	250	3625
BSPP 3/4"	076 DGB 26	34	1.34	82.5	3.25	48	1.88	250	3625
NPTF 3/4"	076 NGB 26	34	1.34	82.5	3.25	48	1.88	250	3625
BSPP 1"	076 DGB 33	41	1.62	100	3.94	56	2.2	230	3335
NPTF 1"	076 NGB 33	41	1.62	100	3.94	56	2.2	230	3335
BSPP 1.1/4"	076 DGB 42	50	1.96	115	4.52	70	2.75	220	3190
NPTF 1.1/4"	076 NGB 42	50	1.96	115	4.52	70	2.75	220	3190
BSPP 1.1/2"	076 DGB 48	60	2.36	131.5	5.17	84	3.30	200	2900
NPTF 1.1/2"	076 NGB 48	60	2.36	131.5	5.17	84	3.30	200	2900

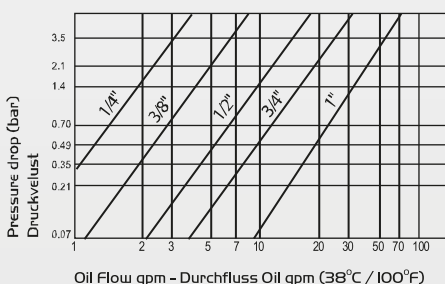
■ Anti - Dust Cap for Coupler / Staubdeckel für Kupplung



076 KG 17  
076 KG 21  
076 KG 26

B :Blue / Blau  
R :Red / Rot  
G :Green / Grün  
Y :Yellow / Gelb  
S :Black / Schwarz

Material - Material : PVC



**HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN**
**SERIE 076**

**Functions**

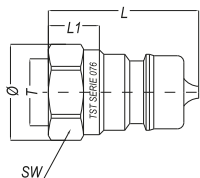
If the socket and plug valves seal instantly, automatically shutting off fluid flow to prevent leakage. If the socket and plug valves push together, opening to permit free flow of fluid through coupler. O-ring in the socket seals the plug surface preventing any leakage.

**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.

**Plugs  
Stecker**

Connection Anschlüsse T	Order No Bestellnr.	SW		L		Ø		Working Pressure Betriebsdruck	
		mm	inches	mm	inches	mm	inches	Bar	PSI
BSPP 1/4"	076 DUB 13	19	0.75	34.2	1.34	22	0.86	400	5800
NPTF 1/4"	076 NUB 13	19	0.75	34.2	1.34	22	0.86	400	5800
BSPP 3/8"	076 DUB 17	22	0.86	39	2.34	24	0.94	300	4350
NPTF 3/8"	076 NUB 17	22	0.86	39	2.34	24	0.94	300	4350
BSPP 1/2"	076 DUB 21	27	1.06	44	1.73	30	1.18	250	3625
NPTF 1/2"	076 NUB 21	27	1.06	44	1.73	30	1.18	250	3625
BSPP 3/4"	076 DUB 26	36	1.41	55	2.17	38	1.5	250	3625
NPTF 3/4"	076 NUB 26	36	1.41	55	2.17	38	1.5	250	3625
BSPP 1"	076 DUB 33	41	1.62	65.5	2.58	45	1.77	230	3335
NPTF 1"	076 NUB 33	41	1.62	65.5	2.58	45	1.77	230	3335
BSPP 1.1/4"	076 DUB 42	50	1.96	73	2.87	55.5	2.18	220	3190
NPTF 1.1/4"	076 NUB 42	50	1.96	73	2.87	55.5	2.18	220	3190
BSPP 1.1/2"	076 DUB 48	60	2.36	83	3.26	66	2.60	200	2900
NPTF 1.1/2"	076 NUB 48	60	2.36	83	3.26	66	2.60	200	2900


**Female Thread Plug  
Nippel mit Innengewinde**
**Anti - Dust Cap for Plug / Staubdeckel für Nippel**


076 KU 17  
076 KU 21  
076 KU 26

B :Blue /Blau  
R :Red / Rot  
G :Green / Grün  
Y :Yellow / Gelb  
S :Black / Schwarz

**Material - Material : PVC**



SERIE **077** ■

HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN



**Interchangeability - Kompatibilität**  
FASTER NV SERIES - INTERTRACO N SERIES,  
STUCCHI IR SERIES

According to request is manufactured  
AISI 303 and AISI 316TI.

**Auf Anfragen in Edelstahl**  
AISI 303 und AISI 316TI

**Temperature Range Temperaturbereich**  
-25 °C +125 °C / -13 °F +257 °F  
With standard seals -  
Mit standard Dichtung : Buna (M) NBR

**Standard version - Standardversion**  
Double Shut off - beideseitig absperbar  
Steel - Stahl  
Zinc Plated with white chromate - Verzinkt  
Nitrile (Ni) - NBR (Ni)

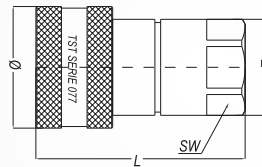
**Attention**  
Only plug and socket with the  
same thread fit together.

**Achtung**  
Nur Nippel und kupplungen mit  
demselben Gewinde passen zusammen

**Material - Material**

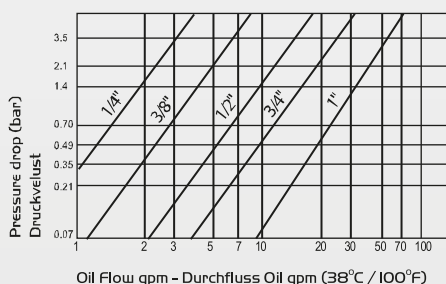
- Coupler Body-  
Kupplungsgrundkörper : Zinc Plated -  
verzinkt
- Sleeve - Hülse : Steel - Stahl
- Valve - Ventil : Steel - Stahl
- Springs - Federn : Steel - Stahl
- Balls - Kugeln : Stainless Steel -  
Edelstahl
- Seals - Dichtungen : Buna (M) -  
Buna (M)

Couplers  
Kupplungen



Female Thread Coupler  
Kupplung mit Innengewinde

Connection Anschlüsse T	Order No Bestellnr.	SW		L		Ø		Working Pressure Betriebsdruck	
		mm	inches	mm	inches	mm	inches	Bar	PSI
BSPP 1/4"	077 DGB 13	19	0.75	50	1.97	27	1.06	350	5075
NPTF 1/4"	077 NGB 13	19	0.75	50	1.97	27	1.06	350	5075
BSPP 3/8"	077 DGB 17	24	0.94	59.5	2.34	33	1.30	300	4350
NPTF 3/8"	077 NGB 17	24	0.94	59.5	2.34	33	1.30	300	4350
BSPP 1/2"	077 DGB 21	27	1.06	66	2.60	38	1.49	250	3625
NPTF 1/2"	077 NGB 21	27	1.06	66	2.60	38	1.49	250	3625
BSPP 3/4"	077 DGB 26	34	1.34	84	3.30	47.4	1.86	250	3625
NPTF 3/4"	077 NGB 26	34	1.34	84	3.30	47.4	1.86	250	3625
BSPP 1"	077 DGB 33	41	1.62	96.5	3.08	55	2.17	230	3335
NPTF 1"	077 NGB 33	41	1.62	96.5	3.08	55	2.17	230	3335
BSPP 1.1/4"	077 DGB 42	50	1.96	115	4.52	70	2.75	220	3190
NPTF 1.1/4"	077 NGB 42	50	1.96	115	4.52	70	2.75	220	3190
BSPP 1.1/2"	077 DGB 48	60	2.36	127.5	5.00	84	3.30	200	2900
NPTF 1.1/2"	077 NGB 48	60	2.36	127.5	5.00	84	3.30	200	2900



**HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN**
**SERIE 077**

**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.

**Plugs  
Stecker**
**Connection  
Anschlüsse  
T**
**Order No  
Bestellnr.**

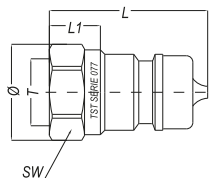
SW	
mm	inches

L	
mm	inches

Ø	
mm	inches

Working Pressure Betriebsdruck	
Bar	PSI

BSPP 1/4"	077 DUB 13	19	0.75	33	1.30	21	0.83	350	5075
NPTF 1/4"	077 NUB 13	19	0.75	33	1.30	21	0.83	350	5075
BSPP 3/8"	077 DUB 17	24	0.94	39	1.54	27	1.06	300	4350
NPTF 3/8"	077 NUB 17	24	0.94	39	1.54	27	1.06	300	4350
BSPP 1/2"	077 DUB 21	27	1.06	44	1.73	30	1.18	250	3625
NPTF 1/2"	077 NUB 21	27	1.06	44	1.73	30	1.18	250	3625
BSPP 3/4"	077 DUB 26	36	1.41	55	2.16	38	1.5	250	3625
NPTF 3/4"	077 NUB 26	36	1.41	55	2.16	38	1.5	250	3625
BSPP 1"	077 DUB 33	41	1.61	63	2.48	45	1.77	230	3335
NPTF 1"	077 NUB 33	41	1.61	63	2.48	45	1.77	230	3335
BSPP 1.1/4"	077 DUB 42	50	1.96	73	2.87	55.5	2.18	220	3335
NPTF 1.1/4"	077 NUB 42	50	1.96	73	2.87	55.5	2.18	220	3335
BSPP 1.1/2"	077 DUB 48	60	2.36	83	3.26	66	2.60	200	2900
NPTF 1.1/2"	077 NUB 48	60	2.36	83	3.26	66	2.60	200	2900


**Female Thread Plug  
Nippel mit Innengewinde**



SERIE **078** ■

HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN



**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

**Temperature Range Temperaturbereich**  
-25 °C +125 °C / -13 °F +257 °F  
With standard seals -  
Mit standart Dichtung : Buna (M) NBR

**Standard version - Standardversion**  
Double Shut off - Beidseitig absperrrbar  
Steel Zinc Plated - Stahl- verzinkt  
Stahl - Dichtung: Nitrile (Ni) - NBR (Ni)

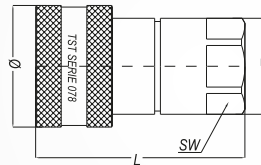
**Attention**  
Only plug and socket with the  
same thread fit together.

**Achtung**  
Nur Nippel und kupplungen mit  
demselben Gewinde passen zusammen

**Material - Material**

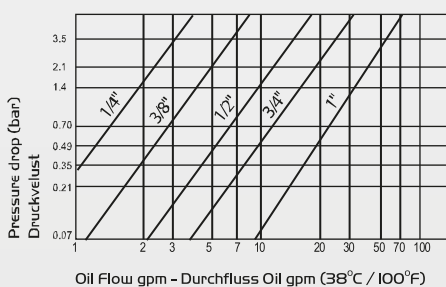
- Coupler Body-  
Kupplungsgrundkörper : Steel Zinc Plated -  
Stahl- verzinkt
- Sleeve - Hülse : Steel Zinc Plated -  
Stahl- verzinkt
- Valve - Ventil : Steel Zinc Plated -  
Stahl- verzinkt
- Springs - Federn : Stainless Steel -  
Edelstahl
- Sprengring : Stainless Steel -  
Edelstahl
- Balls - Kugeln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

Couplers  
Kupplungen



Female Thread Coupler  
Kupplung mit Innengewinde

Connection Anschlüsse T	Order No Bestellnr.	SW		L		Ø		Working Pressure Betriebsdruck	
		mm	inches	mm	inches	mm	inches	Bar	PSI
BSPP 1/4"	078 DGB 13	19	0.75	50	1.97	27	1.06	250	3625
	NPT 1/4"	078 NGB 13	19	0.75	50	1.97	27	1.06	250
BSPP 3/8"	078 DGB 17	24	0.94	59.5	2.34	33	1.30	250	3625
	NPT 3/8"	078 NGB 17	24	0.94	59.5	2.34	33	1.30	250
BSPP 1/2"	078 DGB 21	27	1.06	66	2.60	38	1.49	200	2900
	NPT 1/2"	078 NGB 21	27	1.06	66	2.60	38	1.49	200
BSPP 3/4"	078 DGB 26	34	1.34	84	3.30	47.4	1.86	170	2465
	NPT 3/4"	078 NGB 26	34	1.34	84	3.30	47.4	1.86	170
BSPP 1"	078 DGB 33	41	1.62	96.5	3.08	70	2.75	200	3190
	NPT 1"	078 NGB 33	41	1.62	97.5	3.08	70	2.75	200



HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN

■ SERIE 078

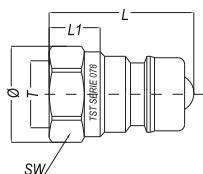


**Functions**

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.

**Plugs  
Stecker**

Connection Anschlüsse T	Order No Bestellnr.	SW		L		Ø		Working Pressure Betriebsdruck	
		mm	inches	mm	inches	mm	inches	Bar	PSI
BSPP 1/4"	078 DUB 13	19	0.75	33	1.30	21	0.83	250	3625
NPTF 1/4"	078 NUB 13	19	0.75	33	1.30	21	0.83	250	3625
BSPP 3/8"	078 DUB 17	24	0.94	39	1.54	27	1.06	250	3625
NPTF 3/8"	078 NUB 17	24	0.94	39	1.54	27	1.06	250	3625
BSPP 1/2"	078 DUB 21	27	1.06	44	1.73	30	1.18	200	2900
NPTF 1/2"	078 NUB 21	27	1.06	44	1.73	30	1.18	200	2900
BSPP 3/4"	078 DUB 26	36	1.42	55	2.16	45	1.57	170	2465
NPTF 3/4"	078 NUB 26	36	1.42	55	2.16	45	1.57	170	2465
BSPP 1"	078 DUB 33	41	1.62	63	2.48	45	1.77	200	3190
NPTF 1"	078 NUB 33	41	1.62	63	2.48	45	1.77	200	3190



**Female Thread Plug  
Nippel mit Innengewinde**



SERIE **080** ■

HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN



Thru-flow Coupling / Kupplung mit freier Durchfluss

**Interchangeability - Kompatibilität**  
FASTER NL SERIE  
According to request is manufactured  
from AISI 303 and AISI 316Ti

**Temperature Range Temperaturbereich**  
-25 °C +125 °C / -13 °F +257 °F  
With standard seals -  
Mit standard Dichtung : Buna (M) NBR

**Standard version - Standardversion**  
Full Flow - Straight flow  
Steel Zinc Plated - Stahl -verzinkt  
Seal - Dichtung: Nitrile (Ni) - NBR (Ni)

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

**Achtung**  
Nur Nippel und kupplungen mit  
demselben Gewinde passen zusammen

**Material - Material**

Coupler Body-  
Kupplungsgrundkörper :Steel - Stahl

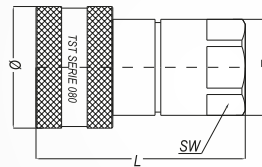
Sleeve - Hülse :Steel - Stahl  
Valve - Ventil :Steel - Stahl  
Springs - Federn :Stainless Steel -  
Edelstahl

Sprengring :Stainless Steel -  
Edelstahl

Balls - Kugeln :Stainless Steel -  
Edelstahl

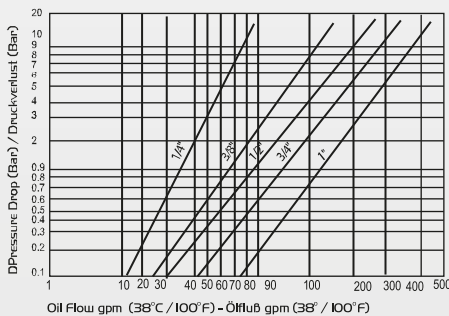
Seals - Dichtungen :Nitrile (N) - Buna (N)  
Plug - Nippel :Steel - Stahl

Couplers  
Kupplungen



Female Thread Coupler  
Kupplung mit Innengewinde

Connection Anschlüsse T	Order No Bestellnr.	SW		L		Ø		Working Pressure Betriebsdruck	
		mm	inches	mm	inches	mm	inches	Bar	PSI
BSPP 1/4"	080 DGF 13	19	0.75	50	1.97	27	1.06	350	5075
NPTF 1/4"	080 NGF 13	19	0.75	50	1.97	27	1.06	350	5075
BSPP 3/8"	080 DGF 17	24	0.94	59.5	2.34	33	1.30	300	4350
NPTF 3/8"	080 NGF 17	24	0.94	59.5	2.34	33	1.30	300	4350
BSPP 1/2"	080 DGF 21	27	1.06	66	2.60	38	1.49	250	3625
NPTF 1/2"	080 NGF 21	27	1.06	66	2.60	38	1.49	250	3625
BSPP 3/4"	080 DGF 26	34	1.34	84	3.30	47.4	1.86	250	3625
NPTF 3/4"	080 NGF 26	34	1.34	84	3.30	47.4	1.86	250	3625
BSPP 1"	080 DGF 33	41	1.62	96.5	3.8	55	2.17	230	3335
NPTF 1"	080 NGF 33	41	1.62	96.5	3.8	55	2.17	230	3335



**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN

**SERIE 080**

Thru-flow Coupling / Kupplung mit freier Durchfluss



**Couplers**  
**Kupplungen**

Connection Anschlüsse T	Order No Bestellnr.	SW		L		Ø		Working Pressure Betriebsdruck	
		mm	inches	mm	inches	mm	inches	Bar	PSI

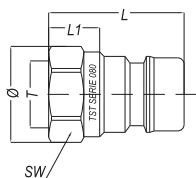
BSPP 1/4"	080 DUF 13	19	0.75	33	1.30	21	0.83	350	5075
NPTF 1/4"	080 NUF 13	19	0.75	33	1.30	21	0.83	350	5075

BSPP 3/8"	080 DUF 17	24	0.94	39	1.54	27	1.06	300	4350
NPTF 3/8"	080 NUF 17	24	0.94	39	1.54	27	1.06	300	4350

BSPP 1/2"	080 DUF 21	27	1.06	44	1.73	30	1.18	250	3625
NPTF 1/2"	080 NUF 21	27	1.06	44	1.73	30	1.18	250	3625

BSPP 3/4"	080 DUF 26	36	1.41	55	2.16	38	1.05	250	3625
NPTF 3/4"	080 NUF 26	36	1.41	55	2.16	38	1.05	250	3625

BSPP 1"	080 DUF 33	41	1.61	63	2.48	45	1.77	230	3335
NPTF 1"	080 NUF 33	41	1.61	63	2.48	45	1.77	230	3335



**Female Thread Plug**  
**Nippel mit Innengewinde**





SERIE 081 ■

HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN



**Interchangeability - Kompatibilität**  
PARKER SM

**Temperature Range Temperaturbereich**  
-20 °C +100 °C / -4 °F +212 °F

**Flow Capacity - Nennweite**  
NW - 1/4" -  
NW - 1/2" -  
NW - 3/4" -

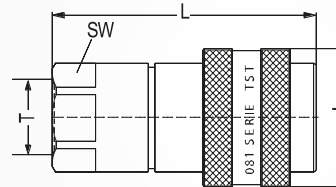
**Standard version - Standardversion**  
Steel - Stahl

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

**Material - Material**

- Coupler Body-  
Kupplungsgrundkörper: Zinc Plated  
Steel - Stahl  
Verzinkt
- Sleeve - Hülse : Steel - Stahl
- Valve - Ventil : Steel - Stahl
- Springs - Federn : Steel - Stahl
- Balls - Kugeln : Stainless Steel -  
Edelstahl
- Seals - Dichtungen : Buna - N - Buna N

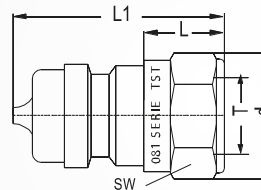
Couplers  
Kupplungen



Female Thread Coupler  
Kupplung mit Innengewinde

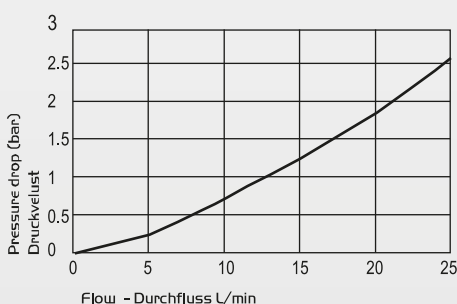
Body Size Nennweite	Connection Anschlüsse T	Order No / Bestellnr.	SW	L	d	Working Pressure Betriebsdruck	
						Bar	PSI
1/4" (06)	BSP 1/4"	081.06 DGB 13	22	52	27	420	6090
	NPT 1/4"	081.06 NGB 13	22	52	27	420	6090
	BSP 3/8"	081.06 DGB 17	22	52	27	420	6090
	NPT 3/8"	081.06 NGB 17	22	54.5	27	420	6090
1/2" (12)	BSP 1/2"	081.12 DGB 21	27	71.7	40	420	6090
	NPT 1/2"	081.12 NGB 21	27	71.7	40	420	6090
	BSP 3/4"	081.12 DGB 26	35	77.5	40	420	6090
	NPT 3/4"	081.12 NGB 26	35	77.5	40	420	6090
3/4" (16)	BSP 3/4"	081.16 DGB 26	41	96	56	315	4567
	NPT 3/4"	081.16 NGB 26	41	96	56	315	4567
	BSP 3/4"	081.16 DGB 33	41	96	56	315	4567
	NPT 3/4"	081.16 NGB 33	41	96	56	315	4567

Plug  
Stecker



Female Thread Coupler  
Kupplung mit Innengewinde

Body Size Nennweite	Connection Anschlüsse T	Order No / Bestellnr.	SW	d	L1	Working Pressure Betriebsdruck	
						Bar	PSI
1/4" (06)	BSP 1/4"	081.06 DUB 13	22	24	36.5	420	6090
	NPT 1/4"	081.06 NUB 13	22	24	36.5	420	6090
	BSP 3/8"	081.06 DUB 17	22	24	38	420	6090
	NPT 3/8"	081.06 NUB 17	22	24	38	420	6090
1/2" (12)	BSP 1/2"	081.12 DUB 21	22	30	44	420	6090
	NPT 1/2"	081.12 NUB 21	22	30	44	420	6090
	BSP 3/4"	081.12 DUB 26	22	42	58	420	6090
	NPT 3/4"	081.12 NUB 26	22	42	58	420	6090
3/4" (16)	BSP 3/4"	081.16 DUB 26	41	44	63	315	4567
	NPT 3/4"	081.16 NUB 26	41	44	63	315	4567
	BSP 3/4"	081.16 DUB 33	41	44	63	315	4567
	NPT 3/4"	081.16 NUB 33	41	44	63	315	4567



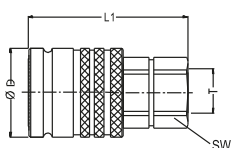
**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN

**SERIE 082**



**Couplers**  
**Kupplungen**

Connection Anschlüsse ØT	Order No Bestellnr.	ØD	ØD1	L	L1	SW
--------------------------------	------------------------	----	-----	---	----	----



Female Threaded Coupler  
Kupplungen mit Innengewinde

M 14x1.5	082 DGBM 14	37.6			62.5	27
M 16x1.5	082 DGBM 16	37.6			62.5	27
BSP 1/2"	082 DGBM 21	37.6			62.5	27

**Interchangeability - Kompatibilität**  
STUCCHI I SERIE, INTERTRACCO - P SERIE

**Working Pressure - Betriebsdruck**  
250 Bar - PSI 3625

**Temperature Range Temperaturbereich**  
-25 °C +125 °C / -13 °F +257 °F  
With standard seals -  
Mit standard Dichtung : Buna (M) NBR

**Standard version - Standardversion**  
Steel Zinc Plated - Stahl Verzinkt  
Seal- Dichtungen :Nitrile (Ni) - NBR (Ni)

**Body Size - Nenweite**  
1/2" (ISO-A)

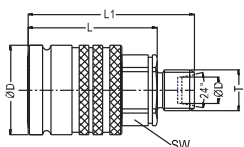
**Material - Material**

Coupler body -  
Kupplungsgrundkörper: Steel Hardened -  
Stahl (gchärtet)  
: Steel - Stahl  
Sleeve - Hülse : Steel - Stahl  
Valve - Ventil : Stainless Steel -  
Springs - Federn : Edelstahl Locking ORing

Sprengring : Stainless Steel -  
Edelstahl

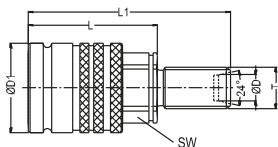
Balls -Kugeln : Stainless Steel -  
Edelstahl

Seals - Dichtungen : Nitrile (Ni) - NBR (Ni)  
Plug -Nippel : Steel - Stahl



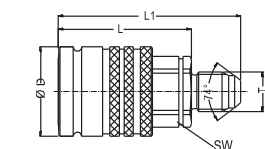
Coupler with End  
Connection Cutting Ring  
Kupplungen mit Entstück Schneidring

M 14x1.5	082 EGB 14-08	37.6	53	64	27	
M 16x1.5	082 EGB 16-10	37.6	53	64	27	
M 18x1.5	082 EGB 18-12	37.6	53	65	27	
M 22x1.5	082 EGB 22-15	37.6	53	66	27	
M 24x1.5	082 EGB 24-16	37.6	53	66	27	
M 26x1.5	082 EGB 26-18	37.6	53	66	27	



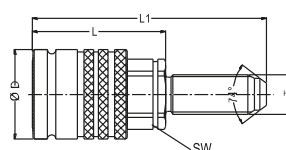
Coupler with End  
Connection Cutting Ring  
Kupplungen mit Entstück Schneidring

M 14x1.5	082 SGB 14-08	37.6	53	79	27	
M 16x1.5	082 SGB 16-10	37.6	53	79	27	
M 18x1.5	082 SGB 18-12	37.6	53	80	27	
M 22x1.5	082 SGB 22-15	37.6	53	81	27	
M 24x1.5	082 SGB 24-16	37.6	53	81	27	
M 26x1.5	082 SGB 26-18	37.6	53	81	27	



Male Threaded Coupler (JIC)  
Kupplungen mit Außengewinde (JIC)

UNF-9/16"-18	082 JGB 14-74	37.6	53	67	27	
UNF-7/8"-14	082 JGB 22-74	37.6	53	67	27	



Male Threaded Coupler (JIC)  
Kupplungen mit Außengewinde (JIC)

UNF-9/16"-18	082 JSGB 14-74	37.6	53	86	27	
UNF-7/8"-14	082 JSGB 22-74	37.6	53	86	27	



SERIE **082** ■

HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN



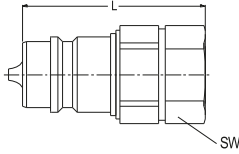
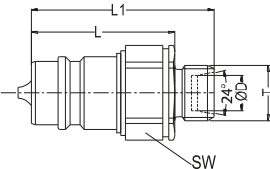
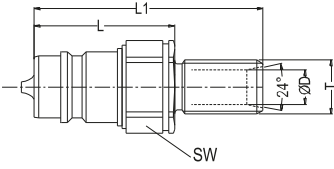
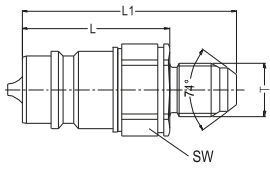
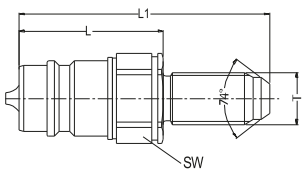
The 082 Serie Push-Pull Couplings are interchangeable with ISO 7241-A and ISO 5675

082 couplings are normally adopted on AGRICULTURAL implements and applications; the possible panel mounting allows to easily connect and disconnect plug and coupler with one hand only.

This couplers are available with both poppet and ball valve; the standard thread are BSP, NPTF and metric male 240 according to DIN 2353

082 serie Push-Pull-Kupplungen sind kompatibel mit ISO 7241-A und ISO 5675.

Kupplungen der Serie 082 werden in landwirtschaftlich Anwendungen eingesetzt. Panelmontage ermöglicht leichte Ein- und Auskuppelung mit einer Hand. Diese Kupplungen sind lieferbar mit Kegel- und Kugelventil. Standardgewinde sind BSP, NPTF und metrisch Aussengewinde 240 gemäß DIN 2353

Couplers Kupplungen	Connection Anschlüsse ØT	Order No Bestellnr.	ØD	L	L1	SW
 <p>Female Threaded Plug Kupplungen mit Innengewinde</p>	M 14x1.5	082 DUBM 14	57	27		
	M 16x1.5	082 DUBM 16	57	27		
	BSP 1/2"	082 DUBM 21	59	27		
 <p>Plug With End Connection Cutting Ring Nippel mit Entstück Schneidring</p>	M 14x1.5	082 EUB 14-08	49	60	27	
	M 16x1.5	082 EUB 16-10	49	60	27	
	M 18x1.5	082 EUB 18-12	49	61	27	
	M 22x1.5	082 EUB 22-15	49	62	27	
	M 24x1.5	082 EUB 24-16	49	62	27	
	M 26x1.5	082 EUB 26-18	49	62	27	
 <p>Plug With End Connection Cutting Ring Nippel mit Endstück Schneidring</p>	M 14x1.5	082 SUBM 14-08	49	75	27	
	M 16x1.5	082 SUBM 16-10	49	75	27	
	M 18x1.5	082 SUBM 18-12	49	76	27	
	M 20x1.5	082 SUBM 20-13	49	76	27	
	M 22x1.5	082 SUBM 22-15	49	77	27	
	M 24x1.5	082 SUBM 24-16	49	77	27	
 <p>Male Threaded Plug (JIC) Nippel mit Außengewinde (JIC)</p>	UNF-9/16"-18	082 JUB 14-74	49	63	27	
	UNF-7/8"-14	082 JUB 22-74	49	63	27	
 <p>Male Threaded Plug (JIC) Nippel mit Außengewinde (JIC)</p>	UNF-9/16"-18	082 JSUB 14-74	49	82	27	
	UNF-7/8"-14	082 JSUB 22-74	49	82	27	

**HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN**
**SERIE 083**


**Material - Material - B  
(Nickel Plated Brass - Messing vernickelt)**

- Coupler Body -  
Kupplungsgrundkörper : Nickel Plated Brass -  
Messing Vernickelt
- Sleeve - Hülse : Nickel Plated Brass -  
Messing Vernickelt
- Springs - Federn : Stainless Steel -  
Edelstahl
- Balls - Kugeln : Stainless Steel -  
Edelstahl
- Seals - Dichtungen : NBR (M) & PTFE (P)
- Plug - Nippel : Nickel Plated Brass -  
Messing Vernickelt

For optional orders please add the symbol  
of your option end of the order no.  
Bei Bestellungen Kennbuchstabe bitte  
hinzufügen (Beispiel: 083 DGF 21 - C)

**Material - Material - C  
(Zinc Plated Steel - Stahl verzinkt)**

- Coupler Body -  
Kupplungsgrundkörper : Zinc Plated Steel -  
Stahl Verzinkt
- Sleeve - Hülse : Steel - Stahl
- Springs - Federn : Stainless Steel -  
Edelstahl
- Balls - Kugeln : Stainless Steel -  
Edelstahl
- Seals - Dichtungen : NBR (M) & PTFE (P)
- Plug - Nippel : Steel - Stahl

**Material - Material - S6  
(Stainless Steel - Edelstahl (AISI- 316))**

- Coupler Body -  
Kupplungsgrundkörper : Stainless Steel -  
Edelstahl (AISI - 316)
- Sleeve - Hülse : Stainless Steel -  
Edelstahl (AISI - 316)
- Springs - Federn : Stainless Steel -  
Edelstahl
- Balls - Kugeln : Stainless Steel -  
Edelstahl
- Seals - Dichtungen : FPM (V)
- Plug - Nippel : Stainless Steel -  
Edelstahl (AISI - 316)

**Interchangeability - Kompatibilität**

Hansen - Grommelle 7000 Serrie

**Temperature Range - Temperaturbereich**

-20°C +100°C (-4°F +212°F) - NBR  
-20°C +100°C (-4°F +392°F -FPM)

**Working Pressure - Betriebsdruck**

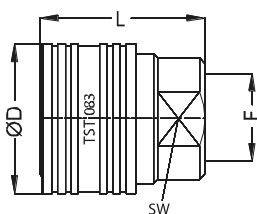
On The List

**Flow capacity - Nennweiten**

On The List (NW)

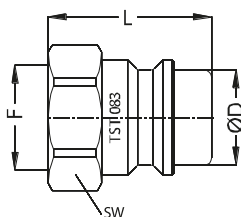
**Thru-flow Coupling /  
Nipple freier Durchfluss**

**Coupler and Plug  
Kupplung und Nippel**



Female Threaded Thru-Flow Coupler  
Durchgangskupplung mit Innengewinde

Body Size Nennweite	Connection Anschlüsse (F/Ø)	Order No/Bestellnr	SW	L	ØD	Pressure/Bar		Pressure/Bar	
						Steel-C/Stahl-C	Steel-C/Stahl-C	AISI 316 S6	Brass-B Messing-B
8	BSP 1/8"	083.08 DGF 10	16	41.5	24	1000	300	300	
10	BSP 1/4"	083.10 DGF 13	19	36	28	700	230	230	
12	BSP 3/8"	083.12 DGF 17	23	38	33.8	600	175	175	
15	BSP 1/2"	083.15 DGF 21	27	45	38	500	150	150	
20	BSP 3/4"	083.20 DGF 26	35	56	47.8	400	125	125	
25	BSP 1"	083.25 DGF 33	41	61	52	300	100	100	
33	BSP 1 1/4"	083.33 DGF 42	55	67	75	200	100	70	
40	BSP 1 1/2"	083.40 DGF 48	65	86	85	150	75	50	
50	BSP 2"	083.50 DGF 60	75	88	97	100	40	40	



Female Threaded Thru-Flow Plug  
Durchgangsnippel mit Innengewinde

8	BSP 1/8"	083.08 DUF 10	16	26	11	1000	300	300
10	BSP 1/4"	083.10 DUF 13	19	25.5	14.2	700	230	230
12	BSP 3/8"	083.12 DUF 17	22	28	19	600	175	175
15	BSP 1/2"	083.15 DUF 21	27	33	20.6	500	150	150
20	BSP 3/4"	083.20 DUF 26	35	40	27.9	400	125	125
26	BSP 1"	083.26 DUF 33	41	44	32.4	300	100	100
33	BSP 1 1/4"	083.33 DUF 42	55	54	44	200	100	70
40	BSP 1 1/2"	083.40 DUF 48	65	59	53.5	150	75	50
50	BSP 2"	083.50 DUF 60	75	68	62.8	100	40	40



SERIE **084** ■

**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN



**Interchangeability - Kompatibilität**  
PARKER PD SERIE

**Temperature Range Temperaturbereich**  
-30°C +100°C (-22°F +212°F)  
420 Bar - 6090 PSI

**Flow capacity - Nennweite**  
NW : 4 mm

For optional orders please add the symbol of your option end of the order no.  
Bei Bestellungen Kennbuchstabe bitte hinzufügen (Beispiel: 084 DGB 13)

**Material - Material**  
**C (Zinc Plated Steel - Stahl Verzinkt)**

Coupler Body -  
Kupplungsgrundkörper : Zinc Plated Steel  
Hardened -  
Stahl Verzinkt

Back Part -  
Hinterteil : Steel - Stahl  
Sleeve - Hülse : Steel - Stahl  
Valve - Ventil : Brass - Messing  
Springs - Federn : Steel - Stahl  
Balls - Kugeln : Stainless Steel -  
Edelstahl

Seals - Dichtungen : Nitrile (Ni) - NBR  
Springs and Balls : Satinles Steel -  
Edelstahl

Plug - Nippel : Steel - Stahl

**Couplers and Plugs**  
**Kupplungen und Nippel**

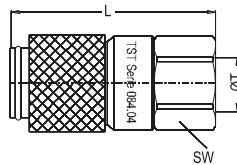
Connection  
Anschlüsse  
ØT

Order No  
Bestellnr.

ØD

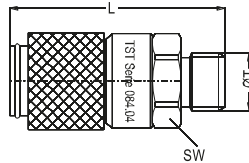
L

SW



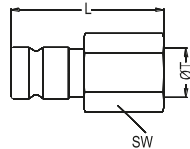
Female Threaded Coupler  
Kupplung mit Innengewinde

BSP 1/8"	084.04 DBG 10	24	44.2	21
BSP 1/4"	084.04 DBG 13	24	50.2	21
NPT 1/8"	084.04 NBG 10	24	44.5	21
NPT 1/4"	084.04 NBG 13	24	50.5	21
UHF -9/16"-18	084.04 UGB 14	24	50.5	21



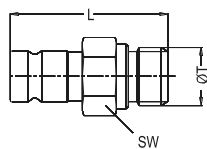
Male Threaded Coupler  
Kupplung mit Innengewinde

BSP 1/8"	084.04 EGB 10	24	51.7	21
NPT 1/4"	084.04 TGB 13	24	53.3	21
UHF -9/16"-18	084.04 JGB 10	24	51.7	21



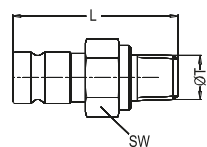
Female Threaded Shut-Off Plug  
Verschlussnippel mit Innengewinde

BSP 1/8"	084.04 DUB 10		41.5	19
BSP 1/4"	084.04 DUB 13		41.5	19
NPT 1/8"	084.04 NUB 10		41.5	19
NPT 1/4"	084.04 NUB 13		41.5	19



Male Threaded Shut-Off Plug  
Verschlussnippel mit Aussengewinde

BSP 1/8"	084.04 EUB 10		39	14
BSP 1/4"	084.04 EUB 13		32.5	19
BSP 3/8"	084.04 EUB 17		37.4	21
UNF -7/16"-20	084.04 JUB 11		37.4	19
UNF -1/2"-20	084.04 JUB 13		37.4	19
UNF -9/16"-18	084.04 JUB 14		37.4	19
M14x1.5	084.04 EUB 14		37.4	19



NPT Male Threaded Shut-Off Plug  
Verschlussnippel mit Aussengewinde NPT

NPT 1/8"	084.04 TUB 10		39	14
NPT 1/4"	084.04 TUB 13		37.4	19
NPT 3/8"	084.04 TUB 10		24	21

**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN

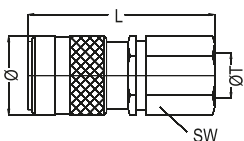
**SERIE 085**

SL : Safety lock - Sicherungsverriegelung



**Couplers and Plugs**  
Kupplungen und Nippel

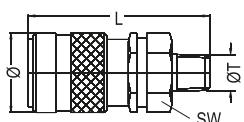
Body Size Nennweite	Connection Anschlüsse ØT	Order No Bestellnr.	ØD	L	SW
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Female Threaded Shut-Off Coupler  
Kupplung Innengewinde mit Ventil

03	BSPT 1/4"	085.03 QGB 13	27	62.9	
	BSPT 3/8"	085.03 QGB 17	27	62.9	
	BSP 1/8"	085.03 DGB 10	27	62.9	
	BSP 1/4"	085.03 DGB 13	27	62.9	
	BSP 1/4" (SL)	085.03 DGBS 13	27	61.5	
	BSP 3/8"	085.03 DGB 17	27	63.5	
	NPT 1/8"	085.03 NGB 13	27	54	
	NPT 1/4"	085.03 NGB 13	27	58.5	
	NPT 3/8"	085.03 NGB 13	27	60.5	
	NPT 1/4" (SL)	085.03 NGBS 13	27	58.5	

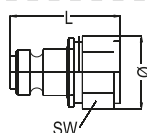
04	BSPT 1/4"	085.04 QGB 13	28	59.5	24
	BSPT 3/8"	085.04 QGB 13	28	61	24
	BSP 1/4"	085.04 DGB 13	28	61.5	24
	BSP 1/4" (SL)	085.04 DGBS 13	28	61.5	24
	BSP 3/8"	085.04 DGB 13	28	63.5	24
	NPT 1/4"	085.04 NGB 13	28	58.5	24
	NPT 3/8"	085.04 NGB 13	28	60.5	24
	NPT 1/4" (SL)	085.04 NGBS 13	28	58.5	24



Male Threaded Shut-Off Coupler  
Kupplung Aussengewinde mit Ventil

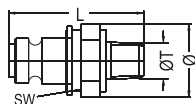
03	BSPT 1/4"	085.03 RGB 13	27	61.6	24
	BSPT 3/8"	085.03 RGB 17	27	61.6	24
	NPT 1/4"	085.03 TGB 13	27	61.6	24
	NPT 3/8"	085.03 TGB 17	27	61.6	24

04	BSPT 1/4"	085.04 RGB 13	27	61.6	24
	BSPT 3/8"	085.04 RGB 17	27	61.6	24
	NPT 1/4"	085.04 TGB 13	27	61.6	24
	NPT 3/8"	085.04 TGB 17	27	61.6	24



Female Threaded Shut-Off Plug  
Verschlussnippel  
Innengewinde mit Ventil

04	BSPT 1/4"	085.04 QUB 13	24.5	38	22
	BSPT 3/8"	085.04 QUB 17	27.7	39.5	24
	BSP 1/8"	085.04 DUB 10	24.5	35.5	22
	BSP 1/4"	085.04 DUB 13	24.5	38	22
	BSP 3/8"	085.04 DUB 17	27	39.5	24
	NPT 1/8"	085.04 NUB 10	24.5	33.5	22
	NPT 1/4"	085.04 NUB 13	24.5	38	22
	NPT 3/8"	085.04 NUB 17	27	39.5	24



Male Threaded Shut-Off Plug  
Verschlussnippel  
Aussengewinde mit Ventil

04	BSPT 1/4"	085.04 RUB 13	24.5	62.5	22
	BSPT 3/8"	085.04 RUB 17	24.5	63	22
	BSP 1/4"	085.04 EUB 10	24.5	50	22
	NPT 1/4"	085.04 TUB 13	24.5	61.5	22
	NPT 3/8"	085.04 TUB 17	24.5	62	22



Dust caps for coupling  
Schutzkappe für Kupplungen

085.03 KG 00R in plastic / aus Kunststoff  
085.03 KG 01R in metal / aus Metall



Dust caps for plugs  
Schutzkappe für Nippel

085.03 KU 00R in plastic / aus Kunststoff  
085.03 KU 01R in metal / aus Metall

**Interchangeability - Kompatibilität**  
CEJN 115 / CEJN 115FF

**Temperature Range Temperaturbereich**  
-30°C +100°C (-22°F +212°F)

**Working Pressure - Betriebsdruck**  
085.04 - 800 Bar - 80 MPa  
085.03 - 1000 Bar - 100 MPa

**Flow capacity - Nennweite**  
085.03 NW : 2.5 mm  
085.04 NW : 4.0 mm

For 085.03 range black plastic dust caps included as standard  
Bei der Serie 085.03 sind rote Schutzkappen enthalten

**Attention :**  
The coupler and the plug should not be loaded before connection.

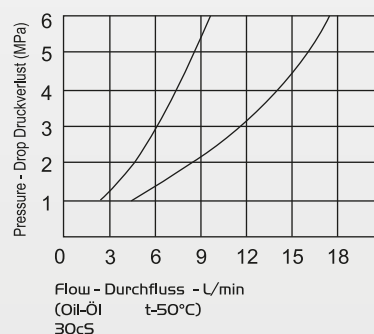
**Achtung :**  
Nicht unter Druck kuppeln  
Der Nippel darf im ungekuppeltem Zustand nicht unter Druck stehen.

**Material - Material**  
**C (Zinc Plated Steel - Stahl Verzinkt)**

Coupler Body -  
Kupplungsgrundkörper: Steel Zinc Plated-  
Stahl Verzinkt

Back Part -  
Hinterteil : Steel Zinc Plated-  
Stahl Verzinkt  
Sleeve - Hülse : Steel Zinc Plated-  
Stahl Verzinkt

Valve - Ventil : Steel - Stahl  
Springs - Federn : Steel - Stahl  
Balls - Kugeln : Steel - Stahl  
Seals - Dichtungen : Nitrile (Ni) - NBR  
Springs and Balls : Steel - Stahl  
Plug - Nippel : Steel Zinc Plated-  
Stahl Verzinkt





SERIE **086** ■

**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN



**SL : Safety lock - Sicherungsverriegelung**

**Interchangeability - Kompatibilität**  
CEJN 116 / CEJN 116FF

**Temperature Range Temperaturbereich**  
-30°C +100°C (-22°F +212°F)

**Working Pressure - Betriebsdruck**  
086.03 - 1500 Bar - 150 MPa

**Flow capacity - Nennweite**  
086.03 NW : 2.5 mm

For 086.03 range black plastic dust caps included as standard  
Bei der Serie 086.03 sind schwarze Schutzkappen enthalten

**Attention :**  
The coupler and the plug should not be loaded before connection.

**Achtung :**  
Nicht unter Druck kuppeln  
Der Nippel darf im ungekuppeltem Zustand nicht unter Druck stehen.

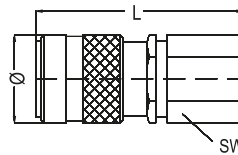
**Material - Material**  
**C (Zinc Plated Steel - Stahl Verzinkt)**

Coupler Body - Kupplungsgrundkörper: Steel Zinc Plated Stahl Verzinkt

- Back Part - Hinterteil : Steel Zinc Plated Stahl Verzinkt
- Sleeve - Hülse : Steel Oil Burnished - Stahl bürniert
- Valve - Ventil : Steel - Stahl
- Springs - Federn : Steel - Stahl
- Balls - Kugeln : Steel - Stahl
- Seals - Dichtungen : Nitrile (Ni) - NBR
- Springs and Balls : Steel - Stahl
- Plug - Nippel : Steel Oil Burnished - Stahl bürniert

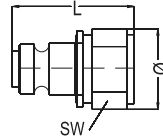
**Couplers and Plugs**  
Kupplungen und Nippel

Body Size Nennweite	Connection Anschlüsse F	Order No Bestellnr.	Ø	L	SW
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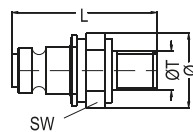
Female Threaded Shut-Off Coupler  
Kupplung Innengewinde mit Ventil

03	BSP 1/8"	086.03 DGB 10	28	54	24
	BSP 1/4"	086.03 DGB 13	28	61.5	24
	BSP 1/4" (SL)	086.03 DGBS 13	28	61.5	24
	BSP 1/4" (SL)	086.03 DGBS 13S*	28	61.5	24
	NPT 1/8"	086.03 NGB 10	28	54	24
	NPT 1/4"	086.03 NGB 13	28	58.5	24
	NPT 1/4" (SL)	086.03 NGBS 13	28	58.5	24



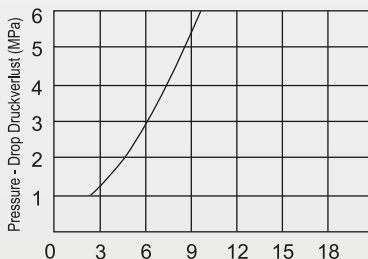
Male Threaded Shut-Off Coupler  
Kupplung Aussengewinde mit Ventil

03	BSP 1/8"	086.03 DUB 10	19.5	33.5	17
	BSP 1/4"	086.03 DUB 13	25.4	38	22
	BSP 1/4"	086.03 DUB 13S*	25.4	38	22
	BSP 1/8"	086.03 NUB 10	19.5	33.5	17
	NPT 1/4"	086.03 NUB 10	25.4	35.7	22



Male Threaded Plug  
Nippel mit Aussengewinde

03	BSP 1/4"	086.03 EU 10	25.5	40.5	22
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Flow - Durchfluss - L/min  
(Oil-Oil t=50°C)  
30cS



Dust caps for coupling  
Schutzkappe für Kupplungen

086.03 KG 00S in plastic / aus Kunststoff  
086.03 KG 01S in metal / aus Metall



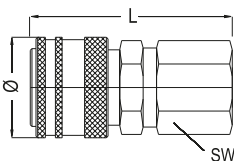
Dust caps for plugs  
Schutzkappe für Nippel

086.03 KU 00S in plastic / aus Kunststoff  
086.03 KU 01S in metal / aus Metall

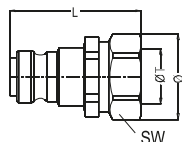
**HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN**
**SERIE 087**

**Couplers and Plugs  
Kupplungen und Nippel**

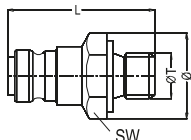
Connection Anschlüsse F	Order No Bestellnr.	∅	L	SW
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 Female Threaded Shut-Off Coupler  
Kupplung Innengewinde mit Ventil

BSP 1/4"	087.03 DGB 10	30	64.8	24
BSP 3/8"	087.03 DGB 17	30	64.8	24
M16x1.5	087.03 DGBM 16	30	64.8	24
NPT 1/4"	087.03 NGB 13	30	64.8	24
NPT 3/8"	087.03 NGB 17	30	64.8	24


 Female Threaded Shut-Off Coupler  
Verschlussnippel  
Innengewinde mit Ventil

BSP 1/4"	087.03 DUB 13	24.5	38	22
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 Male Threaded Tru-Flow  
Plug With Washer  
Verschlussnippel  
Aussengewinde mit Ventil

BSPT 1/4"	087.03 RUB 13	24.5	42.5	22
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 Dust caps for coupling  
Schutzkappe für Kupplungen

086.03 KG 00S	in plastic / aus Kunststoff
086.03 KG 01S	in metal / aus Metall


 Dust caps for plugs  
Schutzkappe für Nippel

086.03 KU 00S	in plastic / aus Kunststoff
086.03 KU 01S	in metal / aus Metall

**Interchangeability - Kompatibilität**  
CEJN 125

**Temperature Range Temperaturbereich**  
-30°C +100°C (-22°F +212°F)

**Working Pressure - Betriebsdruck**  
087.03 - 2500 Bar - 250 MPa

**Flow capacity - Nennweite**  
087.03 NW : 2.5 mm

 For 087.03 range black plastic dust caps  
included as standard  
Bei der Serie 087.03 sind schwarze  
Schutzkappen enthalten

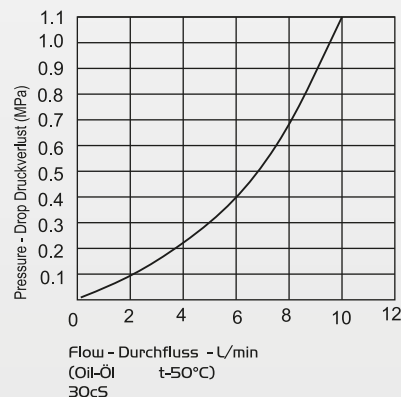
**Attention :**  
The coupler and the plug  
should not be loaded before connection.

**Achtung :**  
Nicht unter Druck kuppeln  
Der Nippel darf im ungekuppeltem  
Zustand nicht unter Druck stehen.

**Material - Material**  
C (Zinc Plated Steel - Stahl Verzinkt)

 Coupler Body -  
Kupplungsgrundkörper: Steel Oil Burnished -  
Stahl bürniert

 Back Part -  
Hinterteil : Steel Oil Burnished -  
Stahl bürniert  
Sleeve - Hülse : Steel Oil Burnished -  
Stahl bürniert

 Valve - Ventil : Steel - Stahl  
Springs - Federn : Steel - Stahl  
Balls - Kugeln : Steel - Stahl  
Seals - Dichtungen : Nitrile (Ni) - NBR  
Springs and Balls : Steel - Stahl  
Plug - Nippel : Steel Oil Burnished -  
Stahl bürniert


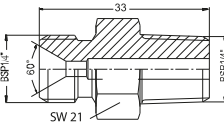
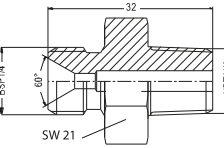
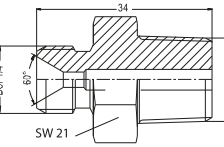
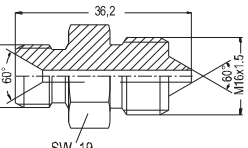




SERIE **088N** ■

**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN

High Pressure adapters  
Adapter für Hochdruckhydraulik

Adapters / Adapter	Order No / Bestellnr.	Connection / Anschluss	Working Pressure Max. Betriebsdruck Max.
<p>Connection A Anschluss A      Connection B Anschluss B</p> 	<b>088N.G13F60 - G13F60</b>	<p>A - BSP 1/4" Male thread with 60° internal cone B - BSP 1/4" Male thread with 60° internal cone</p> <p>A - BSP Aussengewinde 1/4" mit 60° Innenkonus B - BSP Aussengewinde 1/4" mit 60° Innenkonus</p>	<b>1000 Bar (100 MPa)</b>
	<b>088N.G13F60 - R13</b>	<p>A - BSP 1/4" Male thread with 60° internal cone B - BSPT 1/4" Male thread</p> <p>A - BSP Aussengewinde 1/4" mit 60° Innenkonus B - BSPT Aussengewinde 1/4"</p>	<b>1000 Bar (100 MPa)</b>
	<b>088N.G13F60 - T13</b>	<p>A - BSP 1/4" Male thread with 60° internal cone B - NPT 1/4" Male thread</p> <p>A - BSP Aussengewinde 1/4" mit 60° Innenkonus B - NPT Aussengewinde 1/4"</p>	<b>1000 Bar (100 MPa)</b>
	<b>088N.G13F60 - R17</b>	<p>A - BSP 1/4" Male thread with 60° internal cone B - BSPT 3/8" Male thread</p> <p>A - BSP Aussengewinde 1/4" mit 60° Innenkonus B - BSPT Aussengewinde 3/8"</p>	<b>1000 Bar (100 MPa)</b>
	<b>088N.G13F60 - T17</b>	<p>A - BSP 1/4" Male thread with 60° internal cone B - NPT 3/8" Male thread</p> <p>A - BSP Aussengewinde 1/4" mit 60° Innenkonus B - NPT Aussengewinde 3/8"</p>	<b>1000 Bar (100 MPa)</b>
	<b>088N.G13F60 - M16M60</b>	<p>A - BSP 1/4" Male thread with 60° internal cone B - M16x1.5 Male thread with 60° external cone</p> <p>A - BSP Aussengewinde 1/4" mit 60° Innenkonus B - M16x1.5 Aussengewinde mit 60° Aussenkonus</p>	<b>2000 Bar (200 MPa)</b>

**HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN**
**SERIE 088N**

**High Pressure adapters  
Adapter für Hochdruckhydraulik**

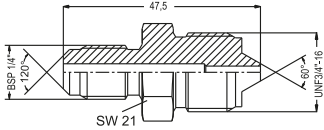
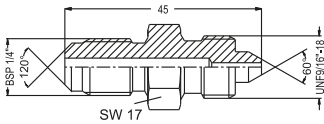
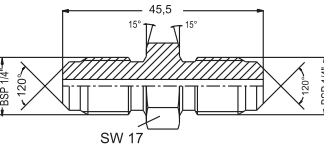
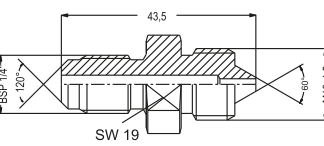
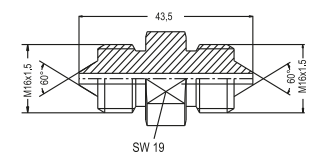
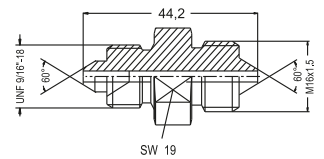
Adapters / Adapter	Order No / Bestellnr.	Connection / Anschluss	Working Pressure Max. Betriebsdruck Max.
	<b>088N.G13F60 - J14M60</b>	A - BSP 1/4" Male thread with 60° internal cone B - UNF 9/16"-18 Male thread with 60° external cone  A - BSP Aussengewinde 1/4 mit 60° Innenkonus B - UNF 9/16"-18 Aussengewinde mit 60° Aussenkonus	<b>2000 Bar (200 MPa)</b>
	<b>088N.G13F60 - M22M60</b>	A - BSP 1/4" Male thread with 60° internal cone B - M22x1.5 Male thread with 60° external cone  A - BSP Aussengewinde 1/4" mit 60° Innenkonus B - M22x1.5 Aussengewinde mit 60° Aussenkonus	<b>2000 Bar (200 MPa)</b>
	<b>088N.J14F60 - M16M60</b>	A - UNF 9/16"-18 Male thread with 60° internal cone B - M16x1.5 Male thread with 60° external cone  A - UNF 9/16"-18 Aussengewinde mit 60° Innenkonus B - M16x1.5 Aussengewinde mit 60° Aussenkonus	<b>2000 Bar (200 MPa)</b>
	<b>088N.G13F60 - G13M120</b>	A - BSP 1/4" Male thread with 60° internal cone B - BSP 1/4" Male thread with 120° external cone  A - BSP Aussengewinde 1/4" mit 60° Innenkonus B - BSP Aussengewinde 1/4" mit 120° Aussenkonus	<b>2000 Bar (200 MPa)</b>
	<b>088N.G13F60 - J19M60</b>	A - BSP 1/4" Male thread with 60° internal cone B - UNF 3/4"-16 Male thread with 60° external cone  A - BSP Aussengewinde 1/4" mit 60° Innenkonus B - UNF 3/4"-16 Aussengewinde mit 60° Aussenkonus	<b>2000 Bar (200 MPa)</b>
	<b>088N.G10M90 - G13M120</b>	A - BSP 1/8" Male thread with 90° external cone B - BSP 1/4" Male thread with 120° external cone  A - BSP Aussengewinde 1/8" mit 90° Aussenkonus B - BSP Aussengewinde 1/4" mit 120° Aussenkonus	<b>2000 Bar (200 MPa)</b>



# SERIE 088N

## HYDRAULIC COUPLINGS HYDRAULIK KUPPLUNGEN

High Pressure adapters  
Adapter für Hochdruckhydraulik

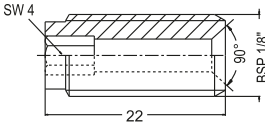
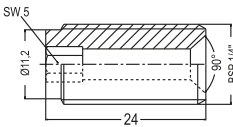
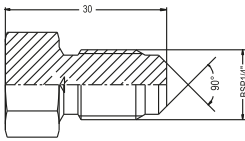
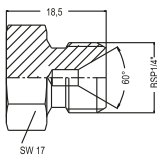
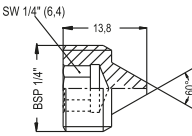
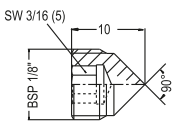
Adapters / Adapter	Order No / Bestellnr.	Connection / Anschluss	Working Pressure Max. Betriebsdruck Max.
<p>Connection A Anschluss A</p> <p>Connection B Anschluss B</p> 	<b>088N.G13M120 - J19M60</b>	<p>A - BSP 1/4" Male thread with 120° external cone B - UNF 3/4"-16 Male thread with 60° external cone</p> <p>A - BSP Aussengewinde 1/4" mit 120° Aussenkonus B - UNF 3/4"-16 Aussengewinde mit 60° Aussenkonus</p>	<b>2000 Bar (200 MPa)</b>
	<b>088N.G13M120 - J14M60</b>	<p>A - BSP 1/4" Male thread with 120° external cone B - UNF 9/16"-18 Male thread with 60° external cone</p> <p>A - BSP Aussengewinde 1/4" mit 60° Aussenkonus B - UNF 9/16"-18 Aussengewinde mit 60° Aussenkonus</p>	<b>3000 Bar (300 MPa)</b>
	<b>088N.G13M120 - G13M120</b>	<p>A - BSP 1/4" Male thread with 120° external cone B - BSP 1/4" Male thread with 120° external cone</p> <p>A - BSP Aussengewinde 1/4" mit 120° Aussenkonus B - BSP Aussengewinde 1/4" mit 120° Aussenkonus</p>	<b>3000 Bar (300 MPa)</b>
	<b>088N.G13M120 - M16M60</b>	<p>A - BSP 1/4" Male thread with 120° external cone B - M16x1.5 Male thread with 60° external cone</p> <p>A - BSP Aussengewinde 1/4" mit 120° Aussenkonus B - M16x1.5 Aussengewinde mit 60° Aussenkonus</p>	<b>3000 Bar (300 MPa)</b>
	<b>088N.M16M60 - M16M60</b>	<p>A - M16x1.5 Male thread with 60° external cone B - M16x1.5 Male thread with 60° external cone</p> <p>A - M16x1.5 Aussengewinde mit 60° Aussenkonus B - M16x1.5 Aussengewinde mit 60° Aussenkonus</p>	<b>3000 Bar (300 MPa)</b>
	<b>088N.J14M60 - M14M60</b>	<p>A - UNF 9/16"-18 Male thread with 60° external cone B - M16x1.5 Male thread with 60° external cone</p> <p>A - UNF 9/16-18 Aussengewinde mit 60° Aussenkonus B - M16x1.5 Aussengewinde mit 60° Aussenkonus</p>	<b>3000 Bar (300 MPa)</b>

**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN

**SERIE 088N**



**High Pressure adapters**  
Adapter für Hochdruckhydraulik

Adapters / Adapter	Order No / Bestellnr.	Connection / Anschluss	Working Pressure Max. Betriebsdruck Max.
	<b>088N.G10F90x22</b>	BSP 1/8" Male, fully cylindrical threaded BSP Aussengewinde 1/8" durchgehend	<b>1000 Bar (100 MPa)</b>
	<b>088N.G13F90x24</b>	BSP 1/4" Male, fully cylindrical threaded BSP Aussengewinde 1/4" durchgehend	<b>2000 Bar (200 MPa)</b>
	<b>088N.G13M120 - KT</b>	BSP 1/4" Male thread 120° external cone BSP Aussengewinde 1/4" mit 120° Aussenkonus	<b>3000 Bar (300 MPa)</b>
	<b>088N.G13F60 - KT</b>	BSP 1/4" Male thread with 60° internal cone BSP Aussengewinde 1/4" mit 60° Innenkonus	<b>2000 Bar (200 MPa)</b>
	<b>088N.G13M90 - KT</b>	BSP 1/4" Male, fully cylindrical threaded with 60° external cone BSP Aussengewinde 1/4" mit 60° Aussenkonus	<b>2000 Bar (200 MPa)</b>
	<b>088N.G10M60 - KT</b>	BSP 1/8" Male, fully cylindrical threaded with 90° external cone BSP Aussengewinde 1/8" mit 90° Aussenkonus	<b>2000 Bar (200 MPa)</b>



SERIE **088N** ■

**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN

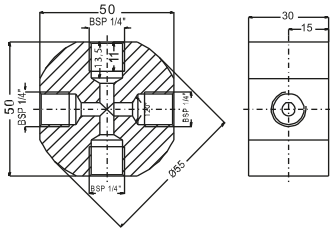
**Hydraulic circuit block**  
**Hydraulik Verteilerblock**

Adapters / Adapter

Order No / Bestellnr.

Connection / Anschluss

Working Pressure Max.  
Betriebsdruck Max.



**088NB.G13.004**

BSP 1/4" female thread .  
Seal with 120° sealing cone or rubber metal seal  
Gauge connection BSP 1/2"

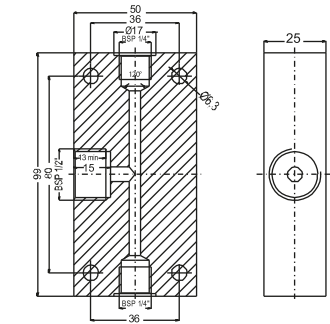
**3000 Bar (300 MPa)**  
**(1000 bar with rubber seal )**

Supplied with one blind plug

**4-way distribution block**  
**4 - Wege Verteilerblock**

BSP Innengewinde 1/4"  
Dichtung mit 120° Dichtkonus  
Gummi-Metall-Dichtung,  
wird mit Blindstopfen geliefert

**3000 Bar (300 MPa)**  
**(1000 bar Gummi-Metall-  
Dichtung)**



**088NB.G13.003**

BSP 1/4" female thread .  
Seal with 120° sealing cone or rubber metal seal  
Gauge connection BSP 1/2"

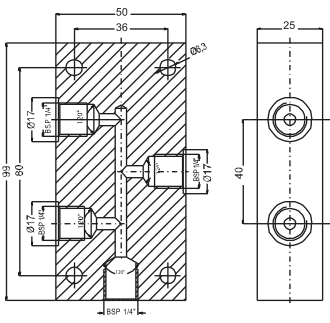
**2000 Bar (200 MPa)**  
**(1000 bar with rubber seal )**

Supplied with one blind plug

**3-way gauge block**  
**3 - Wege Verteilerblock**

BSP Innengewinde 1/4"  
Dichtung mit 120° Dichtkonus  
Gummi-Metall-Dichtung, wird mit  
Blindstopfen geliefert. Manometeranschu?  
G 1/2" . Wird mit Dichtungsscheibe geliefert

**2000 Bar (200 MPa)**  
**(1000 bar Gummi-Metall-  
Dichtung)**



**088NB.G13.K04**

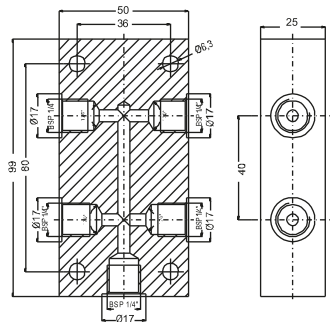
BSP 1/4" female thread .  
Seal with 120° sealing cone or  
rubber metal seal

**3000 Bar (300 MPa)**  
**(1000 bar with rubber seal )**

BSP Innengewinde 1/4"  
Dichtung mit 120° Dichtkonus  
Gummi-Metall-Dichtung,

**3-way gauge block**  
**3 - Wege Verteilerblock**

**3000 Bar (300 MPa)**  
**(1000 bar Gummi-Metall-  
Dichtung)**



**088NB.G13.005**

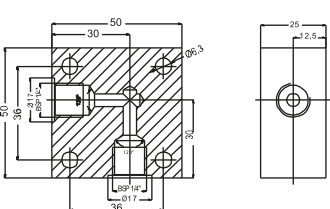
BSP 1/4" female thread .  
Seal with 120° sealing cone or  
rubber metal seal

**3000 Bar (300 MPa)**  
**(1000 bar with rubber seal )**

BSP Innengewinde 1/4"  
Dichtung mit 120° Dichtkonus  
Gummi-Metall-Dichtung,

**3-way distribution block**  
**3 - Wege Verteilerblock**

**3000 Bar (300 MPa)**  
**(1000 bar Gummi-Metall-  
Dichtung)**



**088NB.G13.002**

BSP 1/4" female thread .  
Seal with 120° sealing cone or rubber metal seal

**3000 Bar (300 MPa)**  
**(1000 bar with rubber seal )**

BSP Innengewinde 1/4"  
Dichtung mit 120° Dichtkonus  
Gummi-Metall-Dichtung,

**3-way L distribution block**  
**2-Wege L-Block**

**3000 Bar (300 MPa)**  
**(1000 bar Gummi-Metall-  
Dichtung)**

**COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS**  
 KUPPLUNGEN, MULTIKUPPLUNGEN & KÜHLUNGSELEMENTE FÜR WERKZEUGE

**SERIE 111**



**Plug  
Nippel**

**Connection  
Anschlüsse**

Order No / Bestellnr.



SW

∅

L

**Interchangeability - Kompatibilität zu anderen**  
 TEMA 2300, TEMA 2500, TEMA 3800,  
 TEMA 5000, TEMA 7500, TEMA 10000

**Temperature Range - Temperaturbereich**  
 -25°C + 100°C

**Working Pressure - Betriebsdruck**  
 50-350 bar

**Flow capacity - Nennweite**  
 NW - 5, NW - 6, NW - 10,  
 NW - 13, NW - 20, NW - 25

**Standard version For Socket**  
 Brass Nickel Pl.

**Standard version For Plug**  
 Steel Hardened, Zinc Pl.

**Options - Optionen**

Seals: FPM  
 Sleeve: Brass Nickel Plated

**For optional orders please add the symbol of your option end of the order no**  
**Bei Bestellungen**

**Kennbuchstabe bitte hinzufügen**  
**For full flow option please select**  
**111.10 DUF 17**

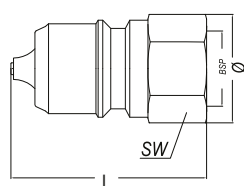
**For operation under pressure please put**  
**-PD at the end of the code**  
**(Example: 111.10 DUB 17-PD)**

**Material - Material**

Socket - : Brass, Nickel Plated  
 Kupplungsgrundkörper : Steel Hardened, Zinc Plated  
 Sleeve - Hülse : Steel Hardened, Zinc Plated

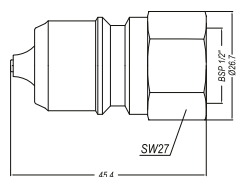
Valve - Ventil : Brass  
 Springs - Federn : ALSI 301  
 Seals - Dichtungen : NBR

Valve Holder - : Brass  
 Ventil Halter : Steel Hardened Zinc Plated  
 Plug - Nippel : Steel Hardened Zinc Plated



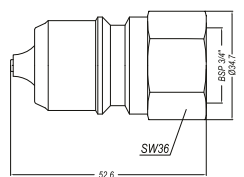
Female Threaded DN10 Plug  
 DN10 Nippel mit Innengewinde

BSP 1/8"	111.05 DUB 10	15	36
BSP 1/8"	111.05 DUF 10	15	36
BSP 1/8"	111.05.DUB 10-PD	15	36
BSP 1/4"	111.06 DUB 13	19	45
BSP 1/4"	111.05 DUF 13	19	45
BSP 1/4"	111.06.DUB 13-PD	19	45
BSP 3/8"	111.10 DUB 17	22	42.7
BSP 3/8"	111.10 DUF 17	22	42.7
BSP 3/8"	111.10 DUB 17-PD	22	43.3



Female Threaded DN13 Plug  
 With Valve  
 DN13 Nippel mit Innengewinde  
 und Ventil

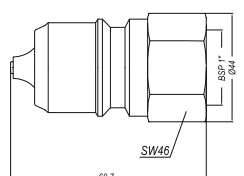
BSP 1/2"	111.12 DUB 21	27	45.4
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Female Threaded DN20 Plug  
 With Valve  
 DN20 Nippel mit Innengewinde  
 und Ventil

BSP 3/4"	111.20 DUB 26	36	52.6
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BSP 3/4"	111.20 DUB 26-PD	36	52.6
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Female Threaded DN25 Plug  
 With Valve  
 DN25 Nippel mit Innengewinde  
 und Ventil

BSP 1"	111.25 DUB 33	46	60.7
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BSP 1"	111.25 DUB 33-PD	46	60.7
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SERIE 111 ■

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

KUPPLUNGEN, MULTIKUPPLUNGEN & KÜHLUNGSELEMENTE FÜR WERKZEUGE



**Interchangeability - Kompatibilität zu anderen**  
TEMA 2300, TEMA 2500, TEMA 3800,  
TEMA 5000, TEMA 7500, TEMA 10000

**Temperature Range - Temperaturbereich**  
-25°C + 100°C

**Working Pressure - Betriebsdruck**  
50-350 bar

**Flow capacity - Nennweite**  
NW - 5, NW - 6, NW - 10,  
NW - 13, NW - 20, NW - 25

**Standard version For Socket**  
Brass Nickel Pl.

**Standard version For Plug**  
Steel Hardened, Zinc Pl.

**Options - Optionen**  
Seals: FPM  
Sleeve: Brass Nickel Plated

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

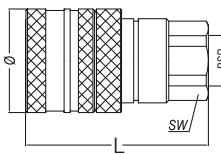
Bei Bestellungen Kennbuchstabe bitte hinzufügen  
For full flow option please select 111.10 DGF 17

For operation under pressure please put -PD at the end of the code.  
(Example: 111.10 DGB 17-PD)

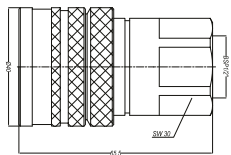
**Material - Material**

- Socket - Kupplungsgrundkörper : Brass, Nickel Plated
- Sleeve - Hülse : Steel Hardened, Zinc Plated
- Valve - Ventil : Brass
- Springs - Federn : AISI 301
- Seals - Dichtungen : NBR
- Valve Holder - Ventil Halter : Brass
- Plug - Nippel : Steel Hardened Zinc Plated

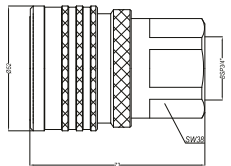
**Coupler Kupplung**



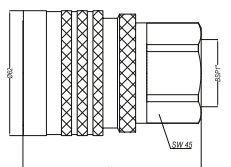
Female Threaded DN10 Socket  
DN10 Kupplung mit Innengewinde



Female Threaded DN13 Socket  
With Valve  
DN13 Kupplung mit Innengewinde und Ventil



Female Threaded DN20 Socket  
With Valve  
DN20 Kupplung mit Innengewinde und Ventil



Female Threaded DN25 Socket  
With Valve  
DN25 Kupplung mit Innengewinde und Ventil

Connection Anschlüsse	Order No / Bestellnr.		SW	Ø	L
	↔	↔			
BSP 1/8"	111.05 DGB 10		15	18	28
BSP 1/8"		111.05 DGF 10	15	18	28
BSP 1/8"	111.05.DGB 10-PD		15	18	28
BSP 1/4"	111.06 DGB 13		21	25	64
BSP 1/4"		111.05 DGF 13	21	25	64
BSP 1/4"	111.06.DGB 13-PD		21	25	65
BSP 3/8"	111.10 DGB 17		24	34	60
BSP 3/8"		111.10 DGF 17	24	34	60
BSP 3/8"	111.10 DGB 17-PD		24	34	60

BSP 1/2"	111.12 DGB 21		30	40	65.5
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BSP 1/2"	111.12 DGB 21-PD		30	40	65.5
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BSP 3/4"	111.20 DGB 26		38	52	73
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BSP 3/4"	111.20 DGB 26-PD		38	52	73
----------	------------------	--	----	----	----

BSP 1"	111.25 DGB 33		45	62	88.4
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BSP 1"	111.25 DGB 33-PD		45	62	88.4
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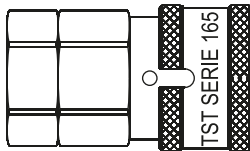
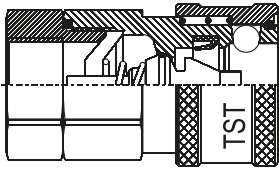
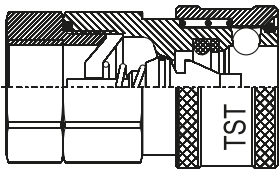
HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN

SERIE 165



ND - NW: Ø6.5-Ø51 / 33-2050 mm<sup>2</sup>

Interchangeability / Kompatibilität  
SNAP - TITE H, IH, PH SERIES  
US - MIL - C-51234



Sealing Advantages

There are two types seals on the sockets.

Vorteile des Dichtsystems:

Zwei Dichtungstypen vereint in einer Kupplung

U-packer Type : U-packer seal permits a positive sealing at all pressures. Under adverse conditions, such as side load it scratches on the plug and can perfectly seals.

Radial Wellen Dichtring: Der Radial Wellendichtring (Simmering) dichtet zusätzlich unter Druck. Unter ungünstigen Bedingungen wie Querbelastung wird es an den Stecker gedrückt und dichtet zusätzlich ab.

PH seal : This seal configuration is include O-ring + PTFE back up ring, it can be placed in U-packer seal slot of the socket. This type seal combination can use for high pressure and high flow multiple cycle pneumatic or hydraulic application.

PH Dichtung: Dieser Dichtungssatz besteht aus einem O-Ring und einem PTFE (Teflon) Stützing. Es kann zusammen in der Nut des Radial Wellendichtringes montiert werden. Diese Dichtungskombination kann genutzt werden für Anwendungen aus Pneumatik und Hydraulik mit hohem Druck oder auch Durchfluss.

Safety Pin (ME)

To prevent accidental disconnection have to turn the sleeve across the slot. For ordering please add ME and of the order no.

Sicherheitsverriegelung (ME)

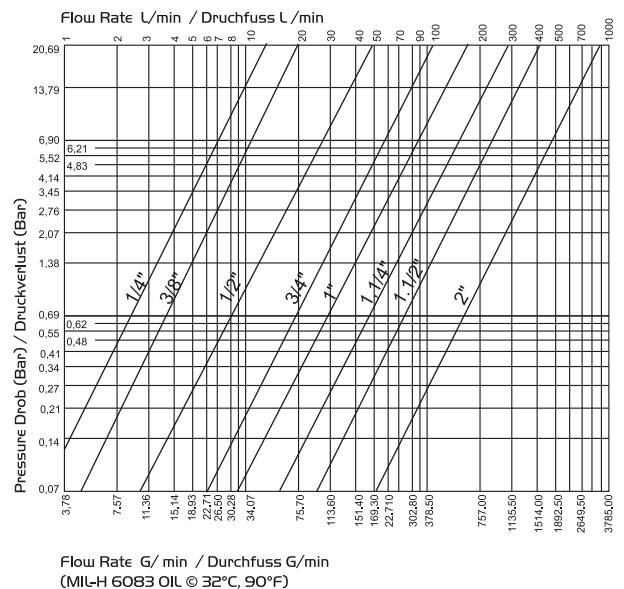
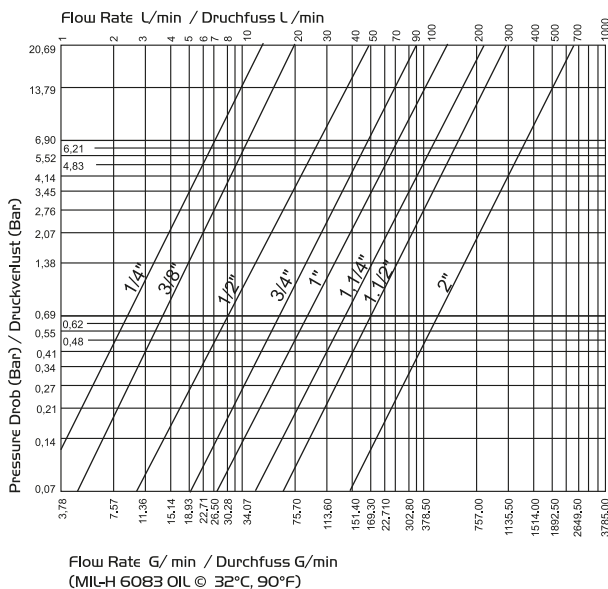
Um Unfälle zu vermeiden beim Öffnen der Kupplung ist die Schiebehülse über den Zapfen zu schieben. Bei Bestellung fügen Sie zur Artikelnummer die Endung "ME" hinzu.



Shut-Off Socket and Shut-Off Plug (Double Shut-Off)  
Kupplungen ohne Ventil & Verschlussnippel (Beidseitig absperrend)



Shut-Off Socket and Thru-Flow Plug (Single Shut-Off)  
Kupplungen ohne Ventil & Anschlusnippel (Einseitig absperrend)





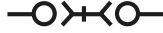


# SERIE 165

## HYDRAULIC COUPLINGS HYDRAULIK KUPPLUNGEN

**Interchangeability / Kompatibilität**  
SNAP - TITE H, IH, PH SERIES  
US - MIL -C-51234

ND - NW: Ø6.5-Ø51 / 33-2050 mm2



Shut-Off Socket & Shut-Off Plug / Shut-Off Socket & Thru-Flow Plug  
Kupplungen ohne Ventil & Verschlussnippel / Kupplungen ohne Ventil & Anschlußnippel

Thru-Flow Socket & Thru-Flow Plug  
Kupplungen ohne Ventil & Anschlußnippel

Body Size Baugröße	Shut-Off Socket & Shut-Off Plug / Shut-Off Socket & Thru-Flow Plug								Thru-Flow Socket & Thru-Flow Plug							
	Steel - Stahl		Aluminium		Brass - Messing		Stainless Steel Edelstahl		Steel - Stahl		Aluminium		Brass - Messing		Stainless Steel Edelstahl	
	Psi	Bar	Psi	Bar	Psi	Bar	Psi	Bar	Psi	Bar	Psi	Bar	Psi	Bar	Psi	Bar
1/4" - 6.5mm	6500	448	2250	155	2250	155	5000	345	11000	759	4000	276	4000	276	10000	690
3/8" - 10mm	4500	310	2250	155	2250	155	4000	276	11000	759	4000	276	4000	276	8000	552
1/2" - 13mm	4000	276	1750	121	2000	168	3750	259	11000	759	4000	276	4000	276	8000	552
3/4" - 19mm	3500	241	1750	121	2000	138	2000	138	9000	621	3500	241	3500	241	7000	483
1" - 25mm	2000	138	1500	103	1750	121	2000	138	6000	414	3000	207	3000	207	4000	276
1.1/4" - 31mm	1750	121	375	26	350	24	1500	103	5000	345	1000	69	1000	69	3000	207
1.1/2" - 38mm	1500	103	375	26	350	24	1500	103	5000	345	1000	69	1000	69	3000	207
2" - 51mm	1500	103	300	21	400	28	500	34	4000	276	750	52	750	52	1000	69

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

**Working Pressure - Betriebsdruck**  
In The Chart

**Flow Capacity - Größen**  
NW - 1/4" - 2"

**Material - Material**

- Coupler Body - Kupplungsgrundkörper : Brass - Messing
- Back Part - Rückwärtiger : Brass - Messing
- Sleeve - Hülse : Brass - Messing
- Valve - Ventil : Brass - Messing
- Springs - Federn : Stainless Steel - Edelstahl
- Balls - Kugeln : AISI 420 & Hardened - AISI 420 Stahl gehärtet
- Seals - Dichtungen : Nitrile NBR (Ni)
- Plug - Nippel : Brass - Messing

**Options Material - Optionen Material**

- B (Standard) : Brass - Messing
- C : Steel - Stahl
- S3 - S6 : Stainless Steel - Edelstahl
- A : Aluminium - Aluminium

**Seals - Dichtungen**

Standard: Molded U Seal - U Dichtung

**PH Seal / PH Dichtung**

O-Ring + PTFE Back-Up Ring For Steel & Stainless Steel Socket  
O-Ring + PTFE Stützring für Kupplungen in Stahl und Edelstahl

**Vale System & Combination**

Thru-Flow : Thru Flow Socket & Thru Flow Plugs  
Singel Shut-Off : Shut-off Socket & Thru Flow Plugs  
Double Shut-Off : Shut-Off Socket & Shut-Off Plugs  
Ps : Thru-Flow Socket can not be - sed with Shut-Off plugs  
Only same size plugs and sockets are interchangeable regardless of material and end fittings.

**Ventiltypen und Kombinationsoptionen:**

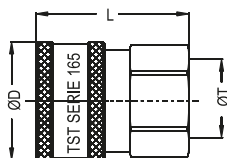
- Freier Durchlass: Kupplung und Stecker ohne Ventil
- Einseitige Absperrung: Nippel mit Ventil und Kupplung ohne Ventil
- Doppelte Absperrung: Nippel mit Ventil und Kupplung mit Ventil
- Beachte: Kupplung ohne Ventil kann nicht verwendet werden mit Stecker mit Ventil Kupplungen und Stecker gleicher
- Nennweite sind austauschbar unabhängig von Material oder Anschluss

For optional orders please add the symbol of your option end of the order no.  
Bei Bestellungen Kennbuchstabe bitte hinzufügen (Beispiel: 165.06 DGF 17C)

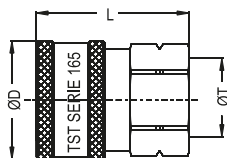
**Thru Flow Sockets / Kupplungen ohne Ventil**



**Couplers and Plugs  
Kupplungen und Nippel**



BSP Female Threaded Thru-Flow Socket  
Kupplungen ohne Ventil BSP Innengewinde



NPT Female Threaded Thru-Flow Socket  
Kupplungen ohne Ventil NPT Innengewinde

Body Size Baugröße	Connection Anschluß ØT	Order No - Bestellnr.	L	LI	L2	ØD	SW
04 - 6.5 mm	BSP 1/4"	165.04 DGF 13	34			25.7	22
06 - 10 mm	BSP 3/8"	165.06 DGF 17	38			31	24
08 - 13 mm	BSP 1/2"	165.08 DGF 21	41			35	30
12 - 19 mm	BSP 3/4"	165.12 DGF 26	48.7			42	36
16 - 25 mm	BSP 1"	165.16 DGF 33	49.5			50	50
20 - 31 mm	BSP 1.1/4"	165.20 DGF 42	58			55	50
24 - 38 mm	BSP 1.1/2"	165.24 DGF 48	65.2			70	63
32 - 51 mm	BSP 2"	165.32 DGF 60	63			90	82
04 - 6.5 mm	NPT 1/4"	165.04 NGF 13	34			25.7	22
06 - 10 mm	NPT 3/8"	165.06 NGF 17	38			31	24
08 - 13 mm	NPT 1/2"	165.08 NGF 21	44			35	30
12 - 19 mm	NPT 3/4"	165.12 NGF 26	48.7			42	36
16 - 25 mm	NPT 1"	165.16 NGF 33	49.5			50	50
20 - 31 mm	NPT 1.1/4"	165.20 NGF 42	58			55	50
24 - 38 mm	NPT 1.1/2"	165.24 NGF 48	65.2			70	63
32 - 51 mm	NPT 2"	165.32 NGF 60	70			90	82

**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN

**SERIE 165**



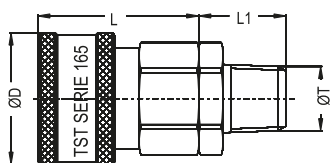
**Interchangeability / Kompatibilität**  
SNAP - TITE H, IH, PH SERIES  
US - MIL - C-51234



**Shut - Off Sockets / Kupplungen mit Ventil**

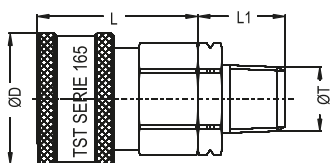
ND - NW: Ø6.5-Ø51 / 33-2050 mm2

**Couplers and Plugs**  
Kupplungen und Nippel



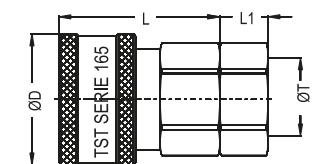
BSPT (Taper) Male Threaded Shut-Off Socket  
Kupplungen mit Ventil und BSPT Außgewinde

Body Size Baugröße	Connection Anschluß ØT	Order No - Bestellnr.	L	LI	L2	ØD	SW
04 - 6.5 mm	BSPT 1/4"	165.04 RGB 13	34	19		25.7	22
06 - 10 mm	BSPT 3/8"	165.06 RGB 17	38	19		31	24
08 - 13 mm	BSPT 1/2"	165.08 RGB 21	41	26		35	30
12 - 19 mm	BSPT 3/4"	165.12 RGB 26	48.7	28		42	36
16 - 25 mm	BSPT 1"	165.16 RGB 33	52.5	38		50	50
20 - 31 mm	BSPT 1.1/4"	165.20 RGB 42	58	33.3		55	50
24 - 38 mm	BSPT 1.1/2"	165.24 RGB 48	65.2	42		70	63
32 - 51 mm	BSPT 2"	165.32 RGB 60	80	46		90	82



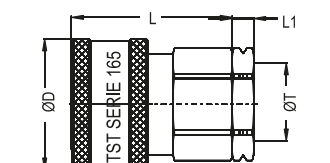
NPT (Taper) Male Threaded Shut-Off Socket  
Kupplungen mit Ventil und NPT Außgewinde

04 - 6.5 mm	NPT 1/4"	165.04 TGB 13	34	19		25.7	22
06 - 10 mm	NPT 3/8"	165.06 TGB 17	38	19		31	24
08 - 13 mm	NPT 1/2"	165.08 TGB 21	41	27		35	30
12 - 19 mm	NPT 3/4"	165.12 TGB 26	48.7	28		42	36
16 - 25 mm	NPT 1"	165.16 TGB 33	52.5	38		50	50
20 - 31 mm	NPT 1.1/4"	165.20 TGB 42	58	33.3		55	50
24 - 38 mm	NPT 1.1/2"	165.24 TGB 48	65.2	42		70	63
32 - 51 mm	NPT 2"	165.32 TGB 60	80	46		90	82



BSP Female Threaded Shut-Off Socket  
Kupplungen mit Ventil und BSP Innengewinde

04 - 6.5 mm	BSP 1/4"	165.04 DGB 13	34	9.8		25.7	22
06 - 10 mm	BSP 3/8"	165.06 DGB 17	38	15		31	24
08 - 13 mm	BSP 1/2"	165.08 DGB 21	41	13.5		35	30
12 - 19 mm	BSP 3/4"	165.12 DGB 26	48.7	14.5		42	36
16 - 25 mm	BSP 1"	165.16 DGB 33	52.5	15.5		50	50
20 - 31 mm	BSP 1.1/4"	165.20 DGB 42	58	16.8		55	50
24 - 38 mm	BSP 1.1/2"	165.24 DGB 48	65.2	18		70	63
32 - 51 mm	BSP 2"	165.32 DGB 60	80	20		90	82



NPT Female Threaded Shut-Off Socket  
Kupplungen mit Ventil und NPT Innengewinde

04 - 6.5 mm	NPT 1/4"	165.04 NGB 13	34	9.8		25	22
06 - 10 mm	NPT 3/8"	165.06 NGB 17	38	19		31	24
08 - 13 mm	NPT 1/2"	165.08 NGB 21	41	13.5		35	30
12 - 19 mm	NPT 3/4"	165.12 NGB 26	48.7	14.5		42	36
16 - 25 mm	NPT 1"	165.16 NGB 33	52.5	20.5		50	50
20 - 31 mm	NPT 1.1/4"	165.20 NGB 42	58	31.8		55	50
24 - 38 mm	NPT 1.1/2"	165.24 NGB 48	65.2	18		70	63
32 - 51 mm	NPT 2"	165.32 NGB 60	80	25		90	82



ND - NW: Ø6.5-Ø51 / 33-2050 mm2

SERIE **165** ■

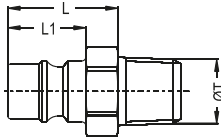
HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN



Interchangeability / Kompatibilität  
SNAP - TITE H, IH, PH SERIES  
US - MIL -C-51234

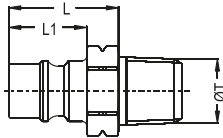
Shut - Off Plugs / Anschlußnippel

Couplers and Plugs  
Kupplungen und Nippel



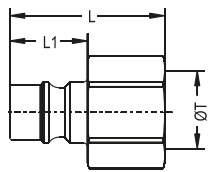
BSPT (Taper) Male Threaded Thru-Flow Plugs  
Anschlußnippel mit BSPT Außengewinde

Body Size Baugröße	Connection Anschluß ØT	Order No - Bestellnr.	L	LI	L2	ØD	SW
04 - 6.5 mm	BSPT 1/4"	165.04 RU 13	21	15			16
06 - 10 mm	BSPT 3/8"	165.06 RU 17	24	18.4			17
08 - 13 mm	BSPT 1/2"	165.08 RU 21	25.5	18.7			24
12 - 19 mm	BSPT 3/4"	165.12 RU 26	32.6	22.6			30
16 - 25 mm	BSPT 1"	165.16 RU 33	39	29			38
20 - 31 mm	BSPT 1.1/4"	165.20 RU 42	32.6	23.3			50
24 - 38 mm	BSPT 1.1/2"	165.24 RU 48	40	27.3			54
32 - 51 mm	BSPT 2"	165.32 RU 60	50	34			70



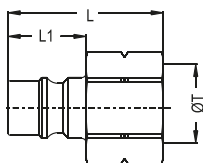
NPT (Taper) Male Threaded Thru-Flow Plugs  
Anschlußnippel mit NPT Außengewinde

04 - 6.5 mm	NPT 1/4"	165.04 TU 13	21	15			16
06 - 10 mm	NPT 3/8"	165.06 TU 17	24	18.4			17
08 - 13 mm	NPT 1/2"	165.08 TU 21	25.5	18.7			24
12 - 19 mm	NPT 3/4"	165.12 TU 26	32.6	22.6			30
16 - 25 mm	NPT 1"	165.16 TU 33	39	29			38
20 - 31 mm	NPT 1.1/4"	165.20 TU 42	32.6	23.3			50
24 - 38 mm	NPT 1.1/2"	165.24 TU 48	40	27.3			54
32 - 51 mm	NPT 2"	165.32 TU 60	50	34			70



BSP Female Threaded Thru-Flow Plugs  
Anschlußnippel mit BSP Innengewinde

04 - 6.5 mm	BSP 1/4"	165.04 DU 13	32.7	15			16
06 - 10 mm	BSP 3/8"	165.06 DU 17	36.6	18.4			24
08 - 13 mm	BSP 1/2"	165.08 DU 21	43.5	18.7			25
12 - 19 mm	BSP 3/4"	165.12 DU 26	49	22.6			30
16 - 25 mm	BSP 1"	165.16 DU 33	54	29			38
20 - 31 mm	BSP 1.1/4"	165.20 DU 42	54	23.3			50
24 - 38 mm	BSP 1.1/2"	165.24 DU 48	62	27.3			54
32 - 51 mm	BSP 2"	165.32 DU 60	70	34			70



NPT (Taper) Female Threaded Thru-Flow Plugs  
Anschlußnippel mit NPT Innengewinde

04 - 6.5 mm	NPT 1/4"	165.04 NU 13	32.7	15			16
06 - 10 mm	NPT 3/8"	165.06 NU 17	36.6	18.4			24
08 - 13 mm	NPT 1/2"	165.08 NU 21	43.5	18.7			25
12 - 19 mm	NPT 3/4"	165.12 NU 26	49	22.6			30
16 - 25 mm	NPT 1"	165.16 NU 33	54	29			38
20 - 31 mm	NPT 1.1/4"	165.20 NU 42	54	23.3			50
24 - 38 mm	NPT 1.1/2"	165.24 NU 48	62	27.3			54
32 - 51 mm	NPT 2"	165.32 NU 60	70	34			70

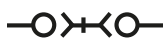
HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN

SERIE 165



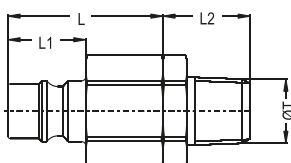
ND - NW: Ø6.5-Ø51 / 33-2050 mm2

Interchangeability / Kompatibilität  
SNAP - TITE H, IH, PH SERIES  
US - MIL - C-51234

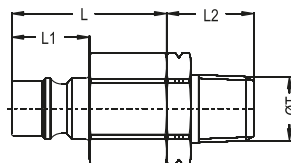


Shut - Off Plugs / Verschußnippel

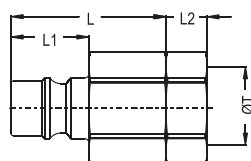
Couplers and Plugs  
Kupplungen und Nippel



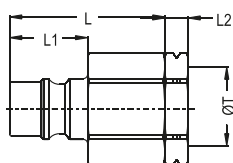
BSPT (Taper) Male Threaded Shut-Off Plug  
Verschußnippel mit BSPT Außengewinde



NPT (Taper) Male Threaded Shut-Off Plug  
Verschußnippel mit NPT Außengewinde



BSP Female Threaded Shut-Off Plug  
Verschußnippel mit BSP Innengewinde



NPT Female Threaded Shut-Off Plug  
Verschußnippel mit NPT Innengewinde

Body Size Baugröße	Connection Anschluß ØT	Order No - Bestellnr.	L	LI	L2	ØD	SW
04 - 6.5 mm	BSPT 1/4"	165.04 RUB 13	32.7	15	19		22
06 - 10 mm	BSPT 3/8"	165.06 RUB 17	36.6	18.4	19		24
08 - 13 mm	BSPT 1/2"	165.08 RUB 21	37.5	18.7	26		30
12 - 19 mm	BSPT 3/4"	165.12 RUB 26	45.5	22.6	28		36
16 - 25 mm	BSPT 1"	165.16 RUB 33	50	29	38		50
20 - 31 mm	BSPT 1.1/4"	165.20 RUB 42	55	23.3	39		50
24 - 38 mm	BSPT 1.1/2"	165.24 RUB 48	60.8	27.3	42		63
32 - 51 mm	BSPT 2"	165.32 RUB 60	74.5	34	46		82

04 - 6.5 mm	NPT 1/4"	165.04 TUB 13	32.7	15	19		22
06 - 10 mm	NPT 3/8"	165.06 TUB 17	36.6	18.4	19		24
08 - 13 mm	NPT 1/2"	165.08 TUB 21	37.5	18.7	26		30
12 - 19 mm	NPT 3/4"	165.12 TUB 26	45.5	22.6	28		36
16 - 25 mm	NPT 1"	165.16 TUB 33	50	29	38		50
20 - 31 mm	NPT 1.1/4"	165.20 TUB 42	55	23.3	39		50
24 - 38 mm	NPT 1.1/2"	165.24 TUB 48	60.8	27.3	42		63
32 - 51 mm	NPT 2"	165.32 TUB 60	74.5	34	46		82

04 - 6.5 mm	BSP 1/4"	165.04 DUB 13	32.7	15	9.8		22
06 - 10 mm	BSP 3/8"	165.06 DUB 17	36.6	18.4	15		24
08 - 13 mm	BSP 1/2"	165.08 DUB 21	37.5	18.7	13.5		30
12 - 19 mm	BSP 3/4"	165.12 DUB 26	45.5	22.6	14.5		36
16 - 25 mm	BSP 1"	165.16 DUB 33	50	29	15.5		50
20 - 31 mm	BSP 1.1/4"	165.20 DUB 42	55	23.3	16.8		50
24 - 38 mm	BSP 1.1/2"	165.24 DUB 48	60.8	27.3	18		63
32 - 51 mm	BSP 2"	165.32 DUB 60	74.5	34	20		82

04 - 6.5 mm	NPT 1/4"	165.04 NUB 13	32.7	15	9.8		22
06 - 10 mm	NPT 3/8"	165.06 NUB 17	36.6	18.4	15		24
08 - 13 mm	NPT 1/2"	165.08 NUB 21	37.5	18.7	13.5		30
12 - 19 mm	NPT 3/4"	165.12 NUB 26	45.5	22.6	14.5		36
16 - 25 mm	NPT 1"	165.16 NUB 33	50	29	15.5		50
20 - 31 mm	NPT 1.1/4"	165.20 NUB 42	55	23.3	16.8		50
24 - 38 mm	NPT 1.1/2"	165.24 NUB 48	60.8	27.3	18		63
32 - 51 mm	NPT 2"	165.32 NUB 60	74.5	34	20		82



ND - NW: Ø6.5-Ø51 / 33-2050 mm2

SERIE 165 ■

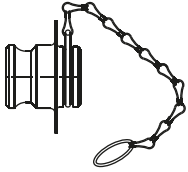
HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN



**Interchangeability / Kompatibilität**  
SNAP - TITE H, IH, PH SERIES  
US - MIL -C-51234

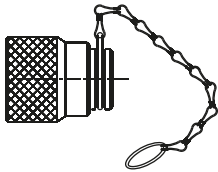
**Shut - Off Plugs / Anschlußnippel**

**Couplers and Plugs**  
**Kupplungen und Nippel**



Aluminium Dust Cap Of The Socket  
Staubstecker mit Kette für Kupplung

Body Size Baugröße	Order No - Bestellnr.
04 - 6.5 mm	165.04 KG 00
06 - 10 mm	165.06 KG 00
08 - 13 mm	165.08 KG 00
12 - 19 mm	165.12 KG 00
16 - 25 mm	165.16 KG 00
20 - 31 mm	165.20 KG 00
24 - 38 mm	165.24 KG 00
32 - 51 mm	165.32 KG 00



Aluminium Dust Cap Of The Plug  
Staubstecker mit Kette für Nippel

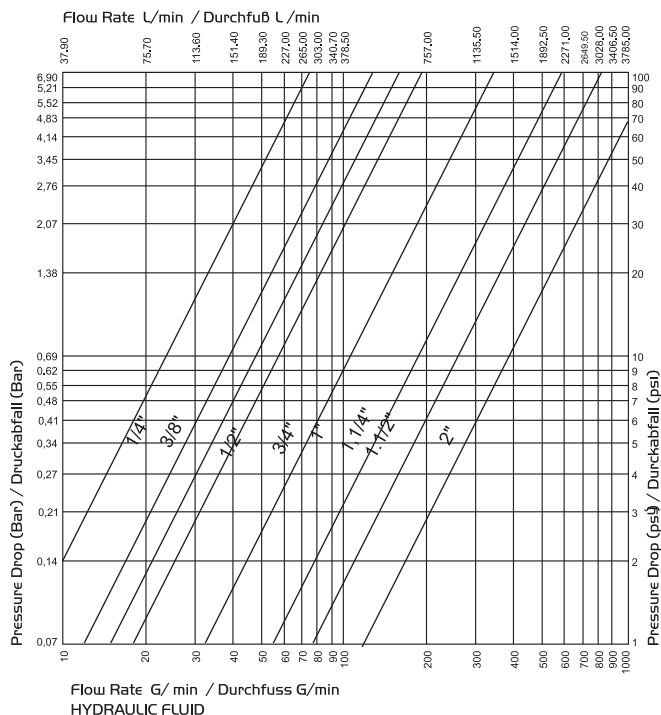
04 - 6.5 mm	165.04 KU 00
06 - 10 mm	165.06 KU 00
08 - 13 mm	165.08 KU 00
12 - 19 mm	165.12 KU 00
16 - 25 mm	165.16 KU 00
20 - 31 mm	165.20 KU 00
24 - 38 mm	165.24 KU 00
32 - 51 mm	165.32 KU 00

**HYDRAULIC COUPLINGS**  
**HYDRAULIK KUPPLUNGEN**

**SERIE 169**



**Interchangeability / Kompatibilität**  
**SNAP - TITE 75 SERIES**



**Valve System & Combination**

Double Shut-Off : Shut-Off Socket & Shut-Off Plugs  
Thru-Flow : Thru Flow Socket & Thru Flow Plugs  
Ps : Thru-Flow Socket can not be used with Shut-Off plugs only plug and socket of same size and interchangeable regardless of material and end fittings.  
Valves close before disconnection.

**Ventiltypen und Kombinationsmöglichkeiten**

- Doppelte Absperrung: Nippel mit Ventil und Kupplung mit Ventil  
- Freier Durchlass: Kupplung und Stecker ohne Ventil  
Beachte:Kupplung mit freiem Durchlass kann verwendet werden mit Nippel mit Ventil. Kombinationen gleicher Größe sind austauschbar. Ventil schließt vor dem Öffnen.

**Application**

TST 169 serie couplers are designed for high pressure and rugged heavy duty hydraulic applications. The coupling connect under pressure up to 210 bar. 169 series designed for up to 345 bar (5000 psi). High flow and low pressure drop. Main using areas are oil fields and offshore.

**Anwendungen**

TST 169 Kupplungen sind für raue Umgebungen gedacht in der Hochdruckhydraulik. Die Kupplungen sind bis 210 bar kuppelbar und bis zu einem Arbeitsdruck von 345 bar verwendbar. Hauptanwendungen sind Ölfelder und Raffinerien.

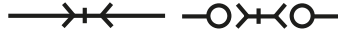
**• Pressure Ratings - Drucktabelle**

Size Größe	Spillage (cc) Restleckeage beim Auskuppeln (cc)	Air Inclusion (cc) Bauraum (cc)	Maximum Working Pressure Max. Arbeitsdruck		Maximum Bursting Pressure Max. Sprengdruck	
			PSI	BAR	PSI	BAR
3/4"	8	12	5000	345	20000	1380
1"	16	25	5000	345	20000	1380
1.1/4"	31	48	5000	345	15000	1035
1.1/2"	64	98	5000	345	15000	1035
2"	141	205	5000	345	15000	1035
2.1/2"	204	368	3000	210	6000	415
3"	320	480	3000	210	6000	415
4"	400	610	400	30	1000	70



SERIE 169 ■

HYDRAULIC COUPLINGS  
HYDRAULIK KUPPLUNGEN



**Interchangeability - Kompatibilität**  
SNAP - TITE 75 SERIES

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

**Working Pressure - Betriebsdruck**  
In The Chart

**Flow capacity - Nennweite**  
3/4" to 4"

**Seals - Dichtungen**  
O-Ring + PTFE Back-Up Ring

**Standard Version - Standardversion**  
C : Steel - Stahl  
S6 (316) : Stainless Steel - Edelstahl

**Otions - Optionen**  
V : FPM Seal - FPM Dichtung  
E : EPDM Seal - EPDM Dichtung

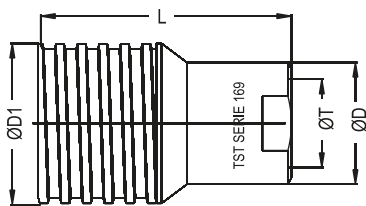
**Material - Material**

Coupler Body - Kupplungsgrundkörper : Steel Zinc Plated - Stahl Verzinkt  
Sleeve - Hülse : Steel - Stahl  
Valve - Ventil : Steel - Stahl  
Springs - Federn : Stainless Steel - Edelstahl  
Seals - Dichtungen : Nitrile NBR (Ni)  
Plug - Nippel : Steel Zinc Plated - Stahl Verzinkt

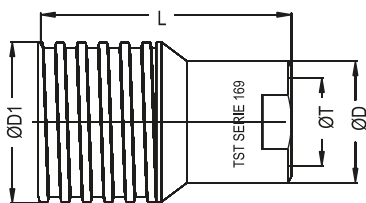
For optional orders please add the symbol of your option end of the order no.  
Bei Bestellungen Kennbuchstabe bitte hinzufügen (Beispiel: 169.12 DGB 26C)

**Couplers  
Kupplungen**

Body Size Nennweite	Connection Anschlüsse ØT	Order No / Bestellnr.	QD	ØD1	L	Acme Thread Trapezgewinde
12	BSP 3/4"	169.12 DGB 26	35.5	44.5	83.2	1.3/4"-8
16	BSP 1"	169.16 DGB 33	45.0	56.8	106	2.1/4"-6
20	BSP 1.1/4"	169.20 DGB 42	54.4	66.3	136.3	2.5/8"-6
24	BSP 1.1/2"	169.24 DGB 48	63.4	82.2	151.8	3.1/4"-4
32	BSP 2"	169.32 DGB 60	82.5	101.5	179	4"-4
40	BSP 2.1/2"	169.40 DGB 75	86	127.0	189.5	5"-4
48	BSP 3"	169.48 DGB 88	108	152.4	210	6"-4
64	BSP 4"	169.64 DGB 113	133.4	168.4	239	6.5/8"-4
12	NPSF 3/4"	169.12 NPGB 26	35.5	44.5	83.2	1.3/4"-8
16	NPSF 1"	169.16 NPGB 33	45.0	56.8	106	2.1/4"-6
20	NPSF 1.1/4"	169.20 NPGB 42	54.4	66.3	136.3	2.5/8"-6
24	NPSF 1.1/2"	169.24 NPGB 48	63.4	82.2	151.8	3.1/4"-4
32	NPSF 2"	169.32 NPGB 60	82.5	101.5	179	4"-4
40	NPSF 2.1/2"	169.40 NPGB 75	86	127.0	189.5	5"-4
48	NPSF 3"	169.48 NPGB 88	108	152.4	210	6"-4
64	NPSF 4"	169.64 NPGB 113	133.4	168.4	239	6.5/8"-4



BSP Female Threaded Shut-Off Socket  
Kupplungen mit Ventil BSP Innengewinde



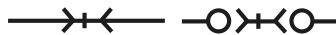
NPSF Female Threaded Shut-Off Socket  
Kupplungen mit Ventil NPSF Innengewinde

**HYDRAULIC COUPLINGS**  
HYDRAULIK KUPPLUNGEN

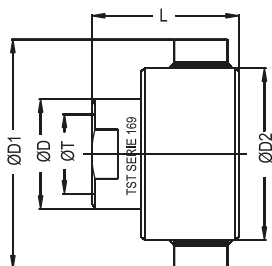
**SERIE 169**



**Interchangeability / Kompatibilität**  
SNAP - TITE 75 SERIES

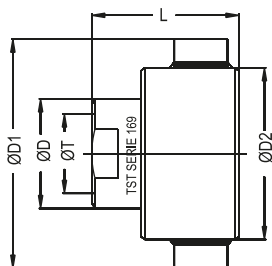


**Plugs / Nippel**



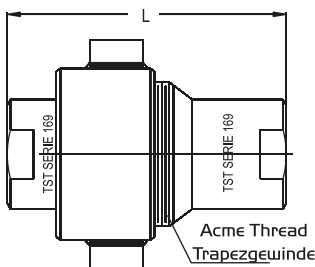
BSP Female Threaded Shut-Off Plug  
Nippel mit Ventil BSP Innengewinde

Body Size Nennweite	Connection Anschlüsse ØT	Order No / Bestellnr.	QD	ØD1	L	Acme Thread Trapezgewinde
12	BSP 3/4"	169.12 DUB 26	35.2		72.0	1.3/4"-8
16	BSP 1"	169.16 DUB 33	45.0	106	88.0	2.1/4"-6
20	BSP 1.1/4"	169.20 DUB 42	54.4	118	112.0	2.5/8"-6
24	BSP 1.1/2"	169.24 DUB 48	63.5	144.5	127.5	3.1/4"-4
32	BSP 2"	169.32 DUB 60	82.5	168	154.0	4"-4
40	BSP 2.1/2"	169.40 DUB 75	86	203.2	134.4	5"-4
48	BSP 3"	169.48 DUB 88	108	216.0	148.5	6"-4
64	BSP 4"	169.64 DUB 113	133.4	279.4	180.6	6.5/8"-4



NPSF Female Threaded Shut-Off Plug  
Nippel mit Ventil NPSF Innengewinde

12	NPSF 3/4"	169.12 NUGB 26	35.2		72.0	1.3/4"-8
16	NPSF 1"	169.16 NUGB 33	45.0	106	88.0	2.1/4"-6
20	NPSF 1.1/4"	169.20 NUGB 42	54.4	118	112.0	2.5/8"-6
24	NPSF 1.1/2"	169.24 NUGB 48	63.5	144.5	127.5	3.1/4"-4
32	NPSF 2"	169.32 NUGB 60	82.5	168	154.0	4"-4
40	NPSF 2.1/2"	169.40 NUGB 75	86	203.2	134.4	5"-4
48	NPSF 3"	169.48 NUGB 88	108	216.0	148.5	6"-4
64	NPSF 4"	169.64 NUGB 113	133.4	279.4	180.6	6.5/8"-4



Connected Length  
Gesamtlänge

Size Größe	Connection Anschlüsse ØT
12	123.6
16	153.5
20	197.3
24	221.3
32	255
40	257.3
48	268.8
64	314



**Dust Caps for Sockets**  
Staubkappen für Kupplungen

Size Größe	Order No - Bestellnr
12	169.12 KG 00
16	169.16 KG 00
20	169.20 KG 00
24	169.24 KG 00
32	169.32 KG 00
40	169.40 KG 00
48	169.48 KG 00
64	169.64 KG 00

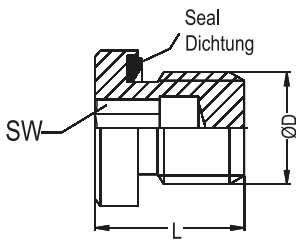
**Dust Caps for Plugs**  
Staubkappen für Nippel

Size Größe	Order No - Bestellnr
12	169.12 KU 00
16	169.16 KU 00
20	169.20 KU 00
24	169.24 KU 00
32	169.32 KU 00
40	169.40 KU 00
48	169.48 KU 00
64	169.64 KU 00



**KTC Pressure Plug With Seal** KTC Verschlussstopfen mit Dichtung

Material : Steel Zinc Plated / Stahl verzinkt  
 Seal - Dichtung : Buna (M)

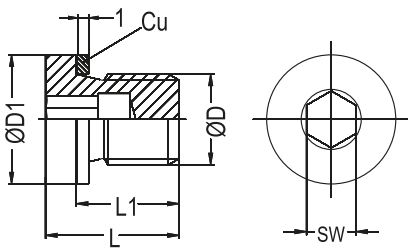


Order No Bestellnr.	ØD	L	SW	Bar Max. Working Pressure Max. Betriebsdruck
KTC 10	BSP 1/8"	12	5	630
KTC 13	BSP 1/4"	17	6	630
KTC 17	BSP 3/8"	17	8	630
KTC 21	BSP 1/2"	19	10	630
KTC 26	BSP 3/4"	21	12	400
KTC 33	BSP 1"	22.5	17	400
KTC 42	BSP 1.1/4"	22.5	22	400
KTC 48	BSP 1.1/2"	22.5	24	315



**KFR Pressure Plug** KFR Verschlussstopfen

Material : Brass - Messing



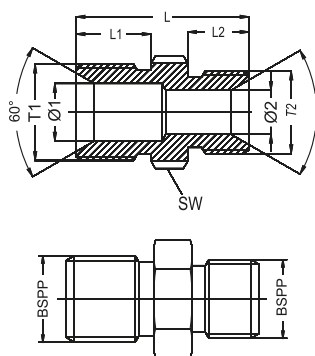
Order No Bestellnr.	ØD	ØD1	L	L1	SW
KFR 10	G 1/8"	14	11	8	5
KFR 13	G 1/4"	18	15	12	6
KFR 17	G 3/8"	22	15	12	8
KFR 21	G 1/2"	26	18	14	10
KFR 26	G 3/4"	32	20	15	12
KFR 33	G 1"	39	21	16	17
KFM 10	M 10x1	14	11	8	5
KFM 12	M 12x1.5	17	15	12	6
KFM 14	M 14x1.5	19	15	12	6
KFM 16	M 16x1.5	21	15	12	8
KFM 22	M 22x1.5	27	18	14	10
KFM 24	M 24x1.5	30	18	14	12



**Male /male adaptors BSPP 60° cone seated boty ends**  
**Außengewinde BSPP mit 60° Dichtkonus auf beiden Seiten**

Material : Steel + Cr3 / Chrome plated steel

Stahl verzinkt



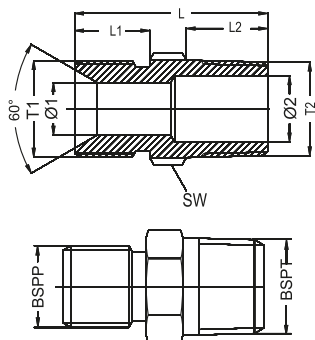
Order No Bestellnr.	T1	T2	L	L1	L2	Ø1	Ø2	SW	Bar Max. Working Pressure Max. Betriebsdruck
EG 10-10	G 1/8"	G 1/8"	26	10	10	4	4	13	440
EG 10-10S6*	G 1/8"	G 1/8"	24	8	8	5	5	14	440
EG 13-10	G 1/4"	G 1/8"	28	12	10	6	4	14	420
EG 13-13	G 1/4"	G 1/4"	30	12	12	6	6	14	420
EG 13-13S6*	G 1/4"	G 1/4"	30	11	11	7	7	17	420
EG 17-13	G 3/8"	G 1/4"	32	14	12	9	9	17	350
EG 17-13	G 3/8"	G 1/4"	31	12	11	7	7	21	350
EG 17-17	G 3/8"	G 3/8"	34	14	14	9	9	19	350
EG 17-17S6*	G 3/8"	G 3/8"	32	12	12	10	10	23	350
EG 21-17	G 1/2"	G 3/8"	38	16	14	12	9	22	310
EG 21-21	G 1/2"	G 1/2"	40	16	16	12	12	22	310
EG 21-21S6*	G 1/2"	G 1/2"	36	14	14	14	14	24	310
EG 26-21	G 3/4"	G 1/2"	43	18	16	17	12	27	250
EG 26-26	G 3/4"	G 3/4"	45	18	18	14	14	27	250
EG 26-26S6*	G 3/4"	G 3/4"	42	16	16	17	17	29	250
EG 33-26	G 1"	G 3/4"	48	20	18	21.5	17	36	200
EG 33-33	G 1"	G 1"	50	20	20	21.5	21.5	36	200
EG 42-33	G 1.1/4"	G 1"	56	24	20	28	21.5	46	200
EG 42-42	G 1.1/4"	G 1.1/4"	60	24	24	28	28	46	200
EG 48-42	G 1.1/2"	G 1.1/4"	62	26	24	33	28	50	180
EG 48-48	G 1.1/2"	G 1.1/2"	64	26	26	33	33	50	180
EG 60-60	G 2"	G 2"	67	26	26	45	45	65	150

\* S6 → AISI 316L

**Male /male adaptors BSPP 60° cone seated to BSPT**  
**Außengewinde BSPP mit 60° Dichtkonus und auf der anderen seite BSPT**

Material : Steel + Cr3 / Chrome plated steel

Stahl verzinkt



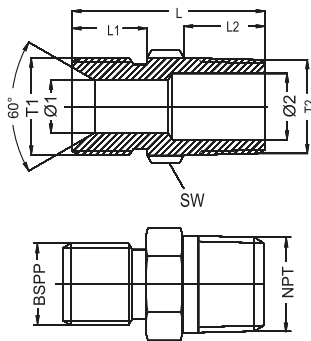
Order No Bestellnr.	T1	T2	L	L1	L2	Ø1	Ø2	SW	Bar Max. Working Pressure Max. Betriebsdruck
ER 13-10	G 1/4"	R 1/8"	28	12	10	6	5	14	420
ER 13-13	G 1/4"	R 1/4"	32	12	14	6	7	14	420
ER 13-13S6*	G 1/4"	R 1/4"	32	12	14	6	7	14	420
ER 13-17	G 1/4"	R 3/8"	32	12	14	6	10.5	17	310
ER 17-13	G 3/8"	R 1/4"	34	14	14	9	7	17	350
ER 17-17	G 3/8"	R 3/8"	34	14	14	9	10.5	17	310
ER 17-17S6*	G 3/8"	R 3/8"	34	14	14	9	10.5	17	310
ER 17-21	G 3/8"	R 1/2"	41	14	19	9	13.5	22	290
ER 21-17	G 1/2"	R 3/8"	38	16	14	12	10.5	22	310
ER 21-21	G 1/2"	R 1/2"	43	16	19	12	13.5	22	290
ER 21-21S6*	G 1/2"	R 1/2"	43	16	19	12	13.5	22	290
ER 26-21	G 3/4"	R 1/2"	46	18	19	17	13.5	27	250
ER 26-26	G 3/4"	R 3/4"	46	18	19	17	18	27	250
ER 26-26S6*	G 3/4"	R 3/4"	46	18	19	17	18	27	250
ER 26-33	G 3/4"	R 1"	51	18	23	17	24	36	200
ER 33-26	G 1"	R 3/4"	49	20	19	21.5	18	36	200
ER 33-33	G 1"	R 1"	53	20	23	21.5	24	36	200
ER 33-33S6*	G 1"	R 1"	53	20	23	21.5	24	36	200
ER 33-42	G 1"	R 1.1/4"	56	20	24	21.5	30	46	200
ER 42-33	G 1.1/4"	R 1"	59	24	23	28	24	46	200
ER 42-42	G 1.1/4"	R 1.1/4"	60	24	24	28	30	46	200
ER 42-48	G 1.1/4"	R 1.1/2"	62	24	26	28	33	50	200
ER 48-42	G 1.1/2"	R 1.1/4"	62	26	24	33	28	50	180
ER 48-48	G 1.1/2"	R 1.1/2"	64	26	26	33	33	50	180
ER 60-60	G 2"	R 2"	69	26	28	45	45	65	180

\* S6 → AISI 316L

**Male /male adaptors BSPP 60° cone seated to NPT**  
**Ausengewinde BSPP mit 60° Dichtkonus und auf der anderen Seite NPT**

Material : Steel + Cr3 / Chrome plated steel

Stahl verzinkt

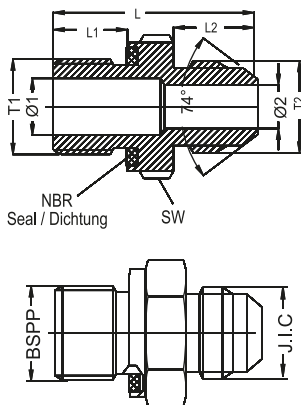


Order No Bestellnr.	T1	T2	L	L1	L2	Ø1	Ø2	SW	Bar Max. Working Pressure Max. Betriebsdruck
ET 13-10	G 1/4"	NPT 1/8"	28	12	10	6	5	14	440
ET 13-13	G 1/4"	NPT 1/4"	32	12	14	6	7	14	420
ET 13-17	G 1/4"	NPT 3/8"	33	12	14	6	10.5	19	310
ET 17-13	G 3/8"	NPT 1/4"	34	14	14	9	7	17	350
ET 17-17	G 3/8"	NPT 3/8"	35	14	14	9	10.5	19	310
ET 17-21	G 3/8"	NPT 1/2"	41	14	19	9	13.5	22	290
ET 21-17	G 1/2"	NPT 3/8"	38	16	14	12	10.5	22	310
ET 21-21	G 1/2"	NPT 1/2"	43	16	19	12	13.5	22	290
ET 21-26	G 1/2"	NPT 3/4"	44	16	19	12	18	27	250
ET 26-21	G 3/4"	NPT 1/2"	46	18	19	17	13.5	27	250
ET 26-26	G 3/4"	NPT 3/4"	46	18	19	17	18	27	250
ET 26-33	G 3/4"	NPT 1"	51	18	23	17	24	36	200
ET 33-26	G 1"	NPT 3/4"	49	20	19	21.5	18	36	200
ET 33-33	G 1"	NPT 1"	53	20	23	21.5	24	36	200
ET 33-42	G 1"	NPT 1.1/4"	56	20	24	21.5	30	46	200
ET 42-33	G 1.1/4"	NPT 1"	59	24	23	28	24	46	200
ET 42-42	G 1.1/4"	NPT 1.1/4"	60	24	24	28	30	46	200
ET 48-48	G 1.1/2"	NPT 1.1/2"	64	26	26	33	33	50	180
ET 60-33	G 2"	NPT 1"	69	26	28	45	45	65	150

**Male / Male adaptors BSPP to JIC 37° are being met ISO 8434**  
**Ausengewinde BSPP zu JIC 37° nach ISO 8434**

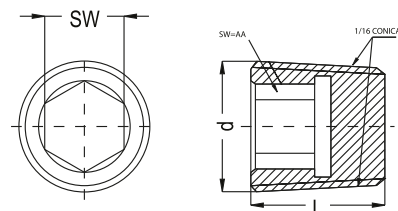
Material : Steel + Cr3 / Chrome plated steel

Stahl verzinkt



Order No Bestellnr.	T1	T2	L	L1	L2	Ø1	Ø2	SW	Bar Max. Working Pressure Max. Betriebsdruck
EJ 13-11	G 1/4"	UNF 7/16"-20	31.5	11	13.5	5.2	5.2	19	350
EJ 13-13	G 1/4"	UNF 1/2"-20	31.5	11	13.5	6	6	19	350
EJ 13-14	G 1/4"	UNF 9/16"-18	33	11	15	6.5	6.5	19	350
EJ 13-19	G 1/4"	UNF 3/4"-16	36	11	18	6	9	19	350
EJ 17-11	G 3/8"	UNF 7/16"-20	33	11	13.5	9	5.2	22	350
EJ 17-13	G 3/8"	UNF 1/2"-20	33	11	13.5	9	6	22	350
EJ 17-14	G 3/8"	UNF 9/16"-18	34.5	11	15	9	6.5	22	350
EJ 17-19	G 3/8"	UNF 3/4"-16	33.5	11	18	9	9	22	350
EJ 17-22	G 3/8"	UNF 7/8"-14	37.5	11	18	9	11.8	23	350
EJ 21-14	G 1/2"	UNF 9/16"-20	39	13.6	15	11.5	6.5	27	310
EJ 21-19	G 1/2"	UNF 3/4"-16	42	13.6	18	9	9	27	310
EJ 21-22	G 1/2"	UNF 7/8"-14	43	13.6	19	11.8	11.8	27	310
EJ 21-27	G 1/2"	UNF 1.1/16"-12	45	13.6	21	11.5	14.8	27	310
EJ 26-19	G 3/4"	UNF 3/4"-16	44.5	15	18	15	9	32	250
EJ 26-22	G 3/4"	UNF 7/8"-14	45.5	15	19	15	11.8	32	250
EJ 26-27	G 3/4"	UNF 1.1/16"-12	47.5	15	21	15	15	32	250
EJ 26-33	G 3/4"	UNF 1.5/16"-12	52	15	25.5	15	20	36	250
EJ 33-27	G 1"	UNF 1.1/16"-12	52	18	21	20	15	42	200
EJ 33-33	G 1"	UNF 1.5/16"-12	57	18	25.5	20	20	42	200
EJ 33-41	G 1"	UNF 1.5/8"-12	60	18	25.5	20	26	42	200
EJ 42-33	G 1.1/4"	UNF 1.5/16"-12	60	20	25.5	26	20	50	200
EJ 42-41	G 1.1/4"	UNF 1.5/8"-12	65	20	28.4	26	26	50	200
EJ 42-48	G 1.1/4"	UNF 1.7/8"-12	67	20	33	30	30	50	200

Ordering of the cylindrical plugs please add "D" at the end of the order no  
Für zylinderische Verschlussstopfen schreiben Sie bitte ein "D" dazu



**BRASS / MESSING**



**STEEL / STAHL**



**STAINLESS STEEL / EDELSTAHL**

**BSPT Pressure Plugs (1/16" Conical thread) - Verschlussstopfen mit BSPT - Gewinde (1/16" konisch)**

Material :MS58 (Brass) - Messing (DIN 906)

Order No Bestellnr.	d	L	SW
KTR 10	BSPT 1/8"	8	5
KTR 13	BSPT 1/4"	10	7
KTR 17	BSPT 3/8"	10	8
KTR 21	BSPT 1/2"	10	10
KTR 26	BSPT 3/4"	12	12
KTR 33	BSPT 1"	12	17
KTR 42	BSPT 1 1/4"	18	22
KTR 48	BSPT 1 1/2"	20	24

Material :Steel - Stahl (DIN 906)

Order No Bestellnr.	d	L	SW
KTR 10.C	BSPT 1/8"	8	5
KTR 13.C	BSPT 1/4"	10	6
KTR 17.C	BSPT 3/8"	11	8
KTR 21.C	BSPT 1/2"	13	10
KTR 26.C	BSPT 3/4"	17	12
KTR 33.C	BSPT 1"	19	17
KTR 42.C	BSPT 1 1/4"	22	22
KTR 48.C	BSPT 1 1/2"	22	24

Material :Stainless steel (AISI 316L)-Edelstahl (DIN 906)

Order No Bestellnr.	d	L	SW
KTR 10.S	BSPT 1/8"	8	5
KTR 13.S	BSPT 1/4"	10	7
KTR 17.S	BSPT 3/8"	10	8
KTR 21.S	BSPT 1/2"	10	10
KTR 26.S	BSPT 3/4"	12	12
KTR 33.S	BSPT 1"	12	17
KTR 42.S	BSPT 1 1/4"	18	22
KTR 48.S	BSPT 1 1/2"	20	24

**NPT Pressure Plugs (1/16" Conical thread) - Verschlussstopfen mit NPT - Gewinde (1/16" konisch)**

Material :MS58 (Brass) - Messing (DIN 906)

Order No Bestellnr.	d	L	SW
KTN 10	NPT 1/8"	8	5
KTN 13	NPT 1/4"	10	7
KTN 17	NPT 3/8"	10	8
KTN 21	NPT 1/2"	12	10
KTN 26	NPT 3/4"	17	12
KTN 33	NPT 1"	19	17
KTN 42	NPT 1 1/4"	22	22
KTN 48	NPT 1 1/2"	22	24

Material :Steel - Stahl (DIN 906)

Order No Bestellnr.	d	L	SW
KTN 10.C	NPT 1/8"	8	5
KTN 13.C	NPT 1/4"	10	6
KTN 17.C	NPT 3/8"	10	8
KTN 21.C	NPT 1/2"	12	10
KTN 26.C	NPT 3/4"	17	12
KTN 33.C	NPT 1"	19	17
KTN 42.C	NPT 1 1/4"	22	22
KTN 48.C	NPT 1 1/2"	22	24

Material :Stainless steel (AISI 316L)-Edelstahl (DIN 906)

Order No Bestellnr.	d	L	SW
KTN 10.S	NPT 1/8"	8	5
KTN 13.S	NPT 1/4"	10	6
KTN 17.S	NPT 3/8"	10	8
KTN 21.S	NPT 1/2"	12	10
KTN 26.S	NPT 3/4"	17	12
KTN 33.S	NPT 1"	19	17
KTN 42.S	NPT 1 1/4"	22	22
KTN 48.S	NPT 1 1/2"	22	24

**Metric Pressure Plugs (1/16" Conical thread) - Verschlussstopfen mit Gewinde (1/16" metrisch)**

Material :MS58 (Brass) - Messing (DIN 906)

Order No Bestellnr.	d	L	SW
KTM 8	M8x0,75	8	4
KTM 10	M10x1	8	5
KTM 12	M12x1,5	8	6
KTM 14	M14x1,5	10	7
KTM 16	M16x1,5	10	8
KTM 24	M24x1,5	12	12

Material :Steel - Stahl (DIN 906)

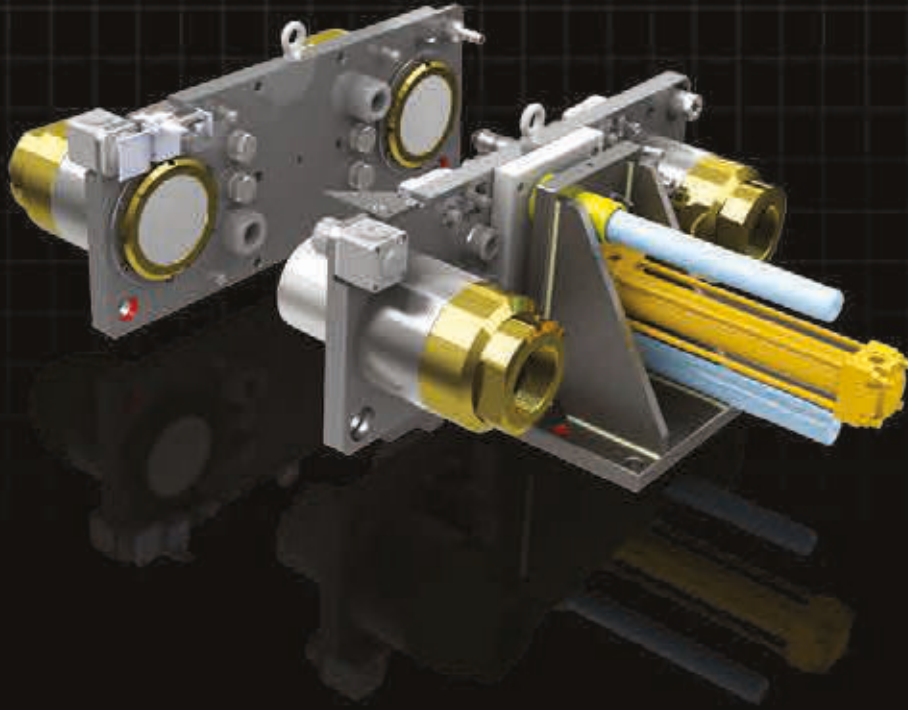
Order No Bestellnr.	d	L	SW
KTM 8.C	M8x0,75	8	4
KTM 10.C	M10x1	8	5
KTM 12.C	M12x1,5	8	6
KTM 14.C	M14x1,5	10	6
KTM 16.C	M16x1,5	10	8
KTM 24.C	M24x1,5	12	12

Material :Stainless steel (AISI 316L)-Edelstahl (DIN 906)

Order No Bestellnr.	d	L	SW
KTM 8.S	M8x0,75	8	4
KTM 10.S	M10x1	8	5
KTM 12.S	M12x1,5	8	6
KTM 14.S	M14x1,5	10	7
KTM 16.S	M16x1,5	10	8
KTM 24.S	M24x1,5	12	12



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• SCHNELLKUPPLUNGEN •



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