

tst[®]

QUICK COUPLINGS SCHNELLKUPPLUNGEN



HYDRAULIC
SERIE



HYDRAULIC COUPLINGS / HYDRAULIK KUPPLUNGEN





www.tst-tamsan.com

HYDRAULIC COUPLINGS / HYDRAULIK KUPPLUNGEN

QUICK COUPLINGS
SCHNELLKUPPLUNGEN
SERIE





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

tst[®]

www.tst-tamsan.com



MADE IN *Türkiye*

QUICK COUPLINGS
SCHNELLKUPPLUNGEN



www.tst-tamsan.com

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 throughout 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 10.000m² 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 am 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.

SYMBOLS	
SERIE 035	03
SERIE 036	04
SERIE 054	05-12
SERIE 070	13-15
SERIE 071	16
SERIE 072	17-18
SERIE 073	19
SERIE 074	20
SERIE 074F	21
SERIE 075	22-23
SERIE 076	24-25
SERIE 077	26-27
SERIE 078	28-29
SERIE 080	30-31
SERIE 081	32
SERIE 082	33-34
SERIE 083	35
SERIE 084	36
SERIE 085	37
SERIE 086	38
SERIE 087	39
SERIE 088N	40-44

tst[®]
www.tst-tamsan.com



index

SERIE 111	45-46
SERIE 165	47-52
SERIE 169	53-55
ACCESSORIES	56
ADAPTORS	57-58
KTR-KTN-KTM	59

tst[®]
www.tst-lamsan.com



MADE IN  Thailand

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

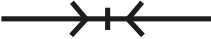
S Type Safety & Self Venting Couplers

"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: Resistent to oil and petrol good ageing characteristics, high abrasion resistance.

Als Dichtungswerkstoffe stehen folgende Serlenqualitäten zur Verfügung: 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: Überragende 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 Säuren, 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	AlSI 316 Ti or similar Edelstahl AISI 316 Ti	Polyamide 11/12	Polyamid 11/12	Polyacetal - Poliasetal	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	
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 Dixide	—	✓	✓	✓	✓	✓	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	

Symbols - Korrosionstabelle

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

	Material						Seal Dichtung		
	Steel zinc plated Stahl Verzinkt	Brass - Messing	AlSI 316 Ti or similar Edelstahl AISI 316 Ti	Polyamide 11/12	Polyamid 11/12	Polyacetal - Poliasetal	NBR Nitrile	FPM Viton	EPDM
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	
Hydrogen Peroxide 30%	—	—	✓	✓	—	—		x	
Isoproyl Alcohol	✓	—	✓	■	✓	✓	x	x	x
Kerosene, JP 1	✓	✓	✓	✓	✓	✓	x	x	
Keton, Methtyl 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	
Methyl Alcohol	✓	✓	✓	■	✓	✓	x	x	x
Methyl Ethyl Ketone	✓	—	✓	✓	✓	✓		x	

HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN

NBR (Nitrile)

Main properties: Resistent to oil and petrol good ageing characteristics, high abrasion resistance.
Als Dichtungswerkstoffe stehenfolgende 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: Überragende Hitzebeständigkeit, ausgezeichnete Beständigkeit gegen Ole, Chemikationen, 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. AusgezeichneteWärme-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-eingetragcnes 'Dupont'-Warenzelchen.

	Material						Seal Dichtung		
	Steel zinc plated Stahl Verzinkt	Brass - Messing	AISI 316 Ti or similar Edelstahl AISI 316 Ti	Polyamide 11/12	Polyacetel - Poliasetal		NBR Nitrile	FPM Viton	EPDM
Symbols - Korrosionstabelle									
✓ Fully resistant / beständig									
▣ Partly resistant / bedingt									
— Non-resistant / nicht									
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
Potasium Hydroxide	✓		✓	✓	▣				x
Propane	✓	✓	✓	✓	✓		x	x	
Prussic Acid	✓	—	✓					x	
Salt Solution	—	▣	▣	✓	▣			x	
Sea Water	—	▣		✓			x	x	x

	Material						Seal Dichtung		
	Steel zinc plated Stahl Verzinkt	Brass - Messing	AISI 316 Ti or similar Edelstahl AISI 316 Ti	Polyamide 11/12	Polyacetel - Poliasetal		NBR Nitrile	FPM Viton	EPDM
Symbols - Korrosionstabelle									
✓ Fully resistant / beständig									
▣ Partly resistant / bedingt									
— Non-resistant / nicht									
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 :	Fluorocarbon 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)

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

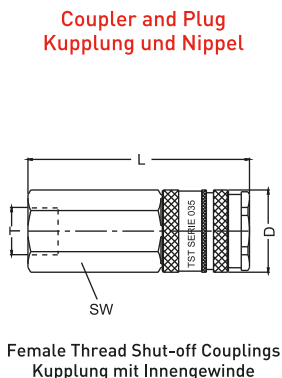
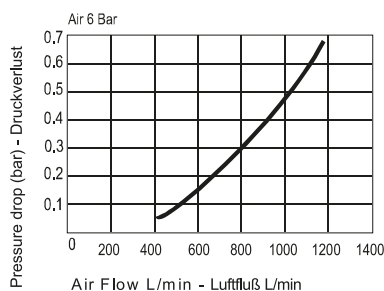
Kennbuchstabe bitte hinzufügen
(Beispiel: 035 DGB 13C - V)

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

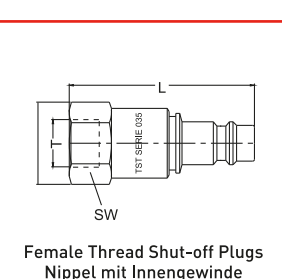
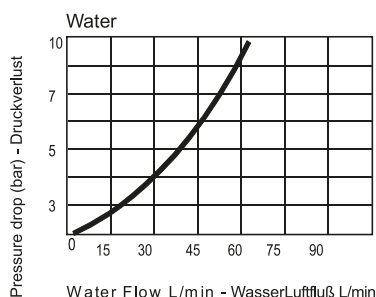
Coupler Body - Kupplungsgrundkörper :	Stainless Steel - Edelstahl (AISI- 316)
Sleeve - Hülse :	Stainless Steel - Edelstahl (AISI- 316)
Valve - Ventil :	Stainless Steel - Edelstahl (AISI- 316)
Springs - Federn :	Stainless Steel - Edelstahl
Balls - Kugeln :	Stainless Steel - Edelstahl
Seals - Dichtungen :	Fluorocarbon 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



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 DURCHFLUSS

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 absperrenbar
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 : Fluorocarbon 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 : Fluorocarbon 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

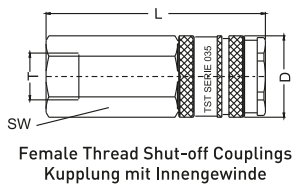
Connection
Anschluß
ØT

Order No - Bestellnr.

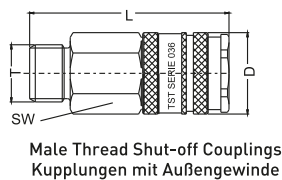
SW

L

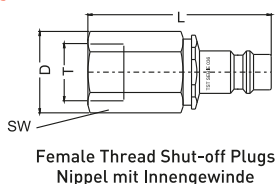
ØD



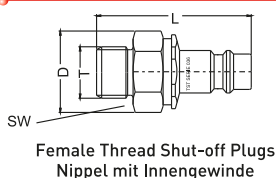
BSP 3/8"	036 DGB 17	25	59.7	28
BSP 1/2"	036 DGB 21	25	62.7	28
BSPT 3/8"	036 QGB 17	24	69	28
BSPT 1/2"	036 QGB 21	27	69	28
NPT 3/8"	036 NGB 17	24	69	28
NPT 1/2"	036 NGB 21	27	69	28
UNF 3/4"-16	036 UGB 19	27	69	28
UNF 7/8"-14	036 UGB 22	27	71	28



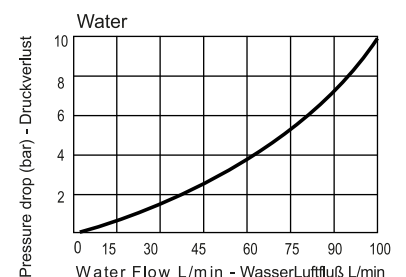
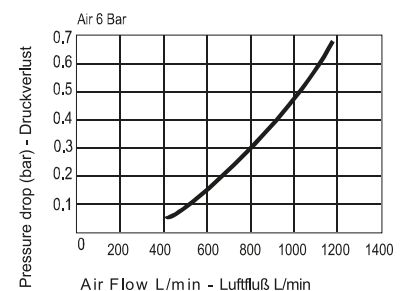
BSP 1/4"	036 EGB 13	25	69.7	
BSP 3/8"	036 EGB 17	25	69.7	28
BSP 1/2"	036 EGB 21	25	72.7	28



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	



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	

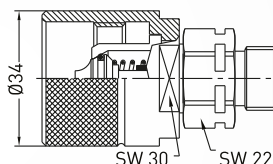
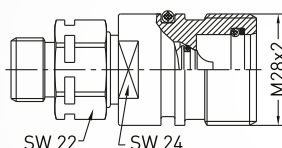


HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN

SERIE 054



054.08 Couplers / Muffe



054.08 Plug / Stecker

Couplers / Muffe

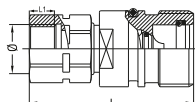
Rohr
Tube

Connection
Anschlüsse
Ø

Order No
Bestellnr.

L

L1



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

13

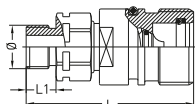
NPT 3/8"

054.08 NGB 17

64

67

13



Male threaded DIN 3852
Außengewinde DIN 3852

BSP 3/8"

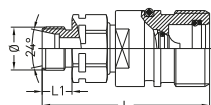
054.08 EGB 17

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

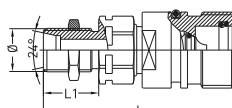
Ø12

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 absperbar
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

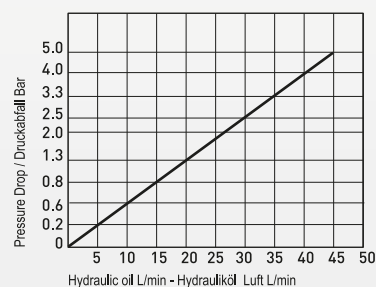
TST 054 series couplings are screw to
connect type that can be used in heavy duty
high pressureized hydraulics and industrial
applications as well as in mobile applications
with vibrations.

Technischer Merkmal

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

Material - Material

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



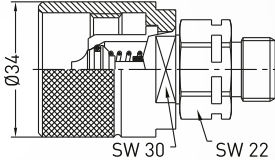
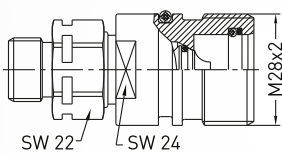


SERIE 054 ■

HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN



054.08 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 - Beidseitig absperrrbar
Steel - Stahl
Zinc Plated - Verzinkt
Nitrile (Ni) - NBR (Ni)
Screw to connect - Schraubverriegelung

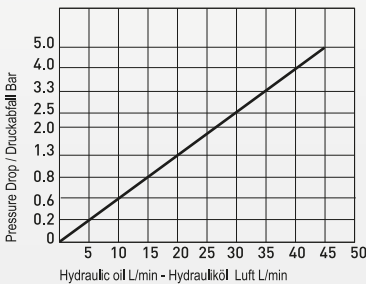
Attention: Only plug and socket with the same thread fit together.
Achtung: Nur Nippel und Kupplungen mit demselben Gewinde passen zusammen

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.

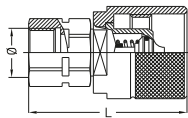
Technischer Merkmal
Die Serie TST 054 ist mit einer Schraubverriegelung ausgeführt und findet ihren Einsatz bei hohen Druckanwendungen.

Material - Material

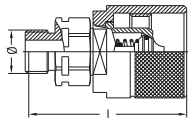
Body-Grundkörper : Steel - Stahl
Valve - Ventil : Steel - Stahl
Springs - Federn : Spring Steel - Federstahl
Seals - Dichtungen : Buna - N - Buna N



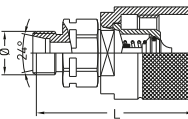
Plugs / Stecker



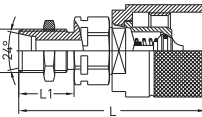
Female thread DIN 3852
Innengewinde DIN 3852



Male threaded 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

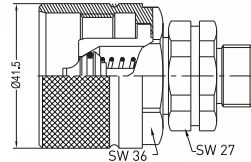
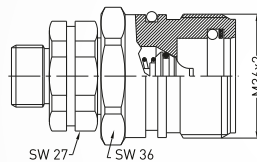
Ø8	M14x1.5	054.08 SUBM 14-08	61	25
Ø10	M16x1.5	054.08 SUBM 16-10	62	26
Ø12	M18x1.5	054.08 SUBM 18-12	63	27
Ø8	M16x1.5	054.08 SUBM 16-08	63	27
Ø10	M18x1.5	054.08 SUBM 18-10	63	27
Ø12	M20x1.5	054.08 SUBM 20-12	63	27

HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN

SERIE 054



054.10 Couplers / Muffe



054.10 Plug / Stecker

Couplers / Muffe

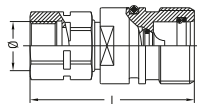
Rohr
Tube

Connection
Anschlüsse
Ø

Order No
Bestellnr.

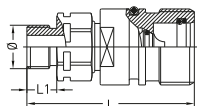
L

L1



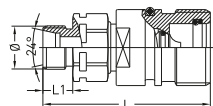
Female thread DIN 3852
Innengewinde DIN 3852

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



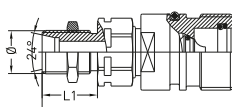
Male threaded DIN 3852
Außengewinde DIN 3852

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

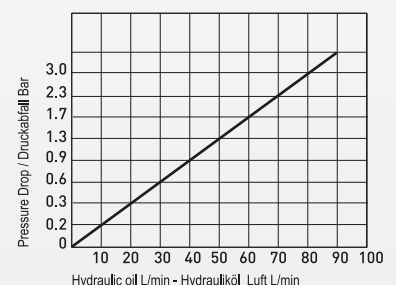
Standard version - Standardversion
Double Shut off - Beideseitig absperibar
Steel - Stahl
Zinc Plated - Verzinkt
Nitrile (Ni) - NBR (Ni)
Screw to connect - Schraubverriegelung

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



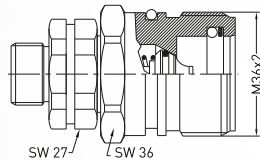


SERIE **054** ■

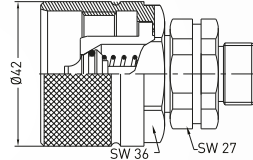
HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN



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 - Beideseitig absperibar
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

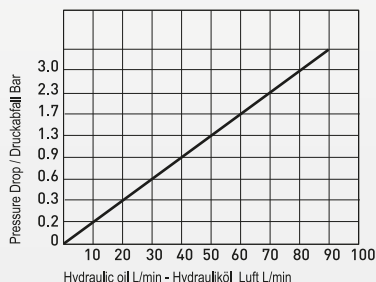
TST 054 series couplings are screw to connect type that can be used in heavy duty high pressureized hydraulics and industrial applications as well as in mobile applications with vibrations.

Technischer Merkmal

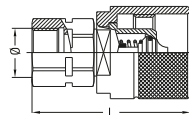
Die Serie TST 054 ist mit einer Schraubverriegelung ausgeführt und findet ihren Einsatz bei hohen Druckenwendungen.

Material - Material

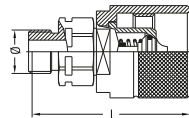
Body-Grundkörper : Steel - Stahl
Valve - Ventil : Steel - Stahl
Springs - Federn : Spring Steel - Federstahl
Seals - Dichtungen : Buna - N - Buna N



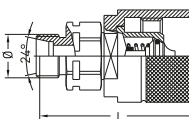
Plugs / Stecker



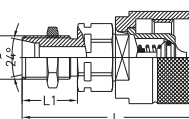
Female thread DIN 3852
Innengewinde DIN 3852



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)

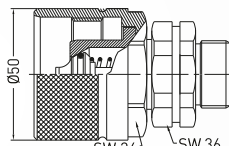
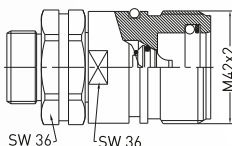
Rohr Tube	Connection Anschlüsse Ø	Order No Bestellnr.	L	L1
BSP 3/8"		054.10 DUB 17	60.6	11
BSP 1/2"		054.10 DUB 21	62.6	12
NPT 1/2"		054.10 NUB 21	67.6	18
UNF 7/8"-14		054.10 UUB 22	71.6	16.7
M18x1.5		054.10 DUBM 18	60.6	11
M22x1.5		054.10 DUBM 21	62.6	13
BSP 3/8"		054.10 EUB 17	68	12
BSP 1/2"		054.10 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

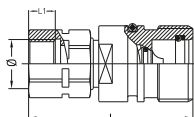
Rohr
Tube

Connection
Anschlüsse
Ø

Order No
Bestellnr.

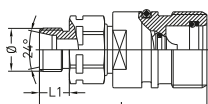
L

L1



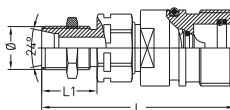
Female thread DIN 3852
Innengewinde DIN 3852

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



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

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 absperibar
Steel - Stahl
Zinc Plated - Verzinkt
Nitrile (Ni) - NBR (Ni)
Screw to connect - Schraubverriegelung

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

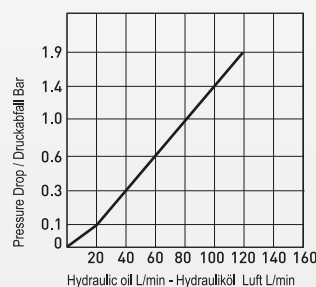
Achtung: Nur Nippel und Kupplungen mit
demselben Gewinde passen zusammen

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



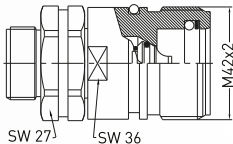


SERIE **054** ■

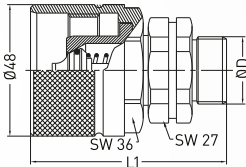
HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN



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 - Beideseitig absperrenbar
Steel - Stahl
Zinc Plated - Verzinkt
Nitrile (Ni) - NBR (Ni)
Screw to connect - Schraubverriegelung

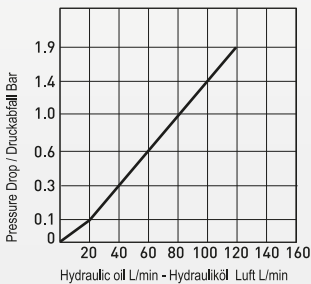
Attention: Only plug and socket with the same thread fit together.

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

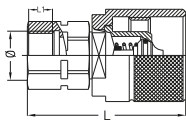
Rohr
Tube

Connection
Anschlüsse
Ø

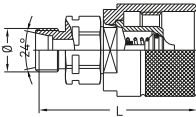
Order No
Bestellnr.

L

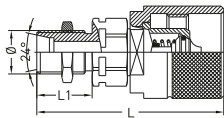
L1



Female thread DIN 3852
Innengewinde DIN 3852



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)

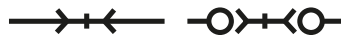
BSP 1/2"	054.12 DUB 21	76	19
BSP 3/4"	054.12 DUB 26	76	10
NPT 3/4"	054.12 NUB 26	76	19
M22x1.5	054.12 DUBM 22	76	19

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

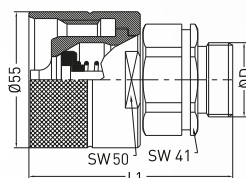
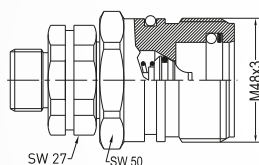
Ø12	M18x1.5	054.12 SUBM 18-12	73	26
Ø15	M22x1.5	054.12 SUBM 22-15	74	27
Ø18	M26x1.5	054.12 SUBM 26-18	74	27
Ø22	M30x2.0	054.12 SUBM 30-22	83	36
Ø16	M24x1.5	054.12 SUBM 24-16	76	29
Ø20	M30x2.0	054.12 SUBM 30-20	83	36

HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN

SERIE 054



054.20 Couplers / Muffe



054.20 Plug / Stecker

Couplers / Muffe

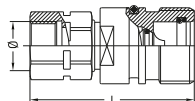
Rohr
Tube

Connection
Anschlüsse
Ø

Order No
Bestellnr.

L

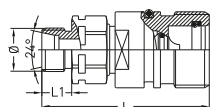
L1



Female thread DIN 3852
Innengewinde DIN 3852

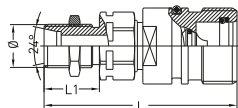
BSP 3/4"	054.20 DGB 26
BSP 1"	054.20 DGB 33
NPT 1"	054.20 NGB 33

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 absperierbar
Steel - Stahl
Zinc Plated - Verzinkt
Nitrile (Ni) - NBR (Ni)
Screw to connect - Schraubverriegelung

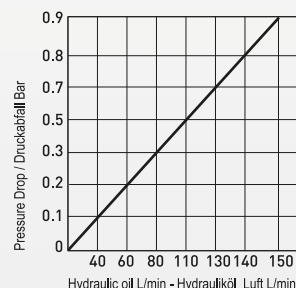
Attention: Only plug and socket with the
same thread fit together.

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 pressure 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



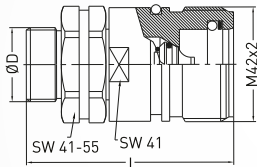


SERIE **054** ■

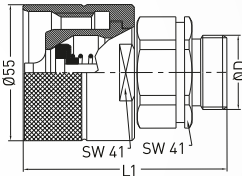
HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN



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 absperibar
Steel - Stahl
Zinc Plated - Verzinkt
Nitrile (Ni) - NBR (Ni)
Screw to connect - Schraubverriegelung

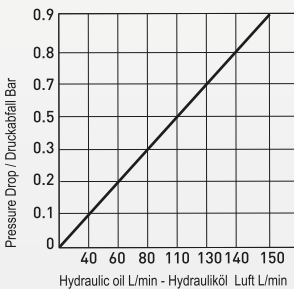
Attention: Only plug and socket with the same thread fit together.
Achtung: Nur Nippel und Kupplungen mit demselben Gewinde passen zusammen

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.

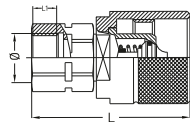
Technischer Merkmal
Die Serie TST 054 ist mit einer Schraubverriegelung ausgeführt und findet ihren Einsatz bei hohen Druckanwendungen.

Material - Material

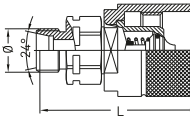
Body-Grundkörper : Steel - Stahl
Valve - Ventil : Steel - Stahl
Springs - Federn : Spring Steel - Federstahl
Seals - Dichtungen : Buna - N - Buna N



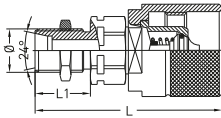
Plugs / Stecker



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

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

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 Flüssigkeite wird verhindert. Der O-Ring in dem Nippelventil an der Nippeloberfläche verhindert jegliche Leakage.

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)

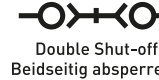




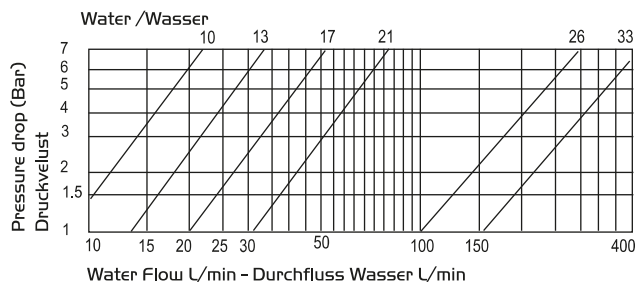
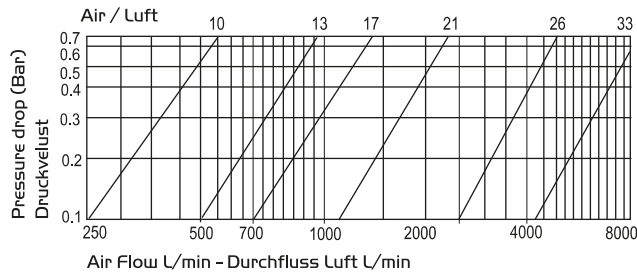
SERIE 070

COUPLINGS, MULTICOUPLINGS & MOULD COOLING PRODUCTS

KUPPLUNGEN, MULTIKUPPLUNGEN & KÜHLUNGSELEMENTE FÜR WERKZEUGE



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

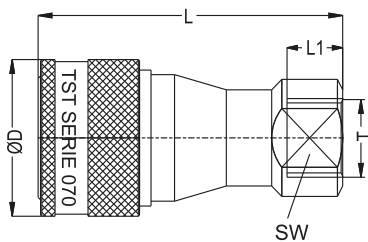
Temperature Range - Temperaturbereich :
-25 OC +125 OC / -13 OF +257 OF
With standard seals -
Mit standart Dichtung : Nitrile - NBR (Ni)

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)

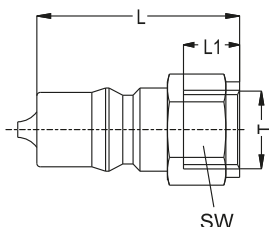
According to the new coding for double
shut-off products "B" has been added on the
New Code: 070 DGB
Old Code : 070 DG

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

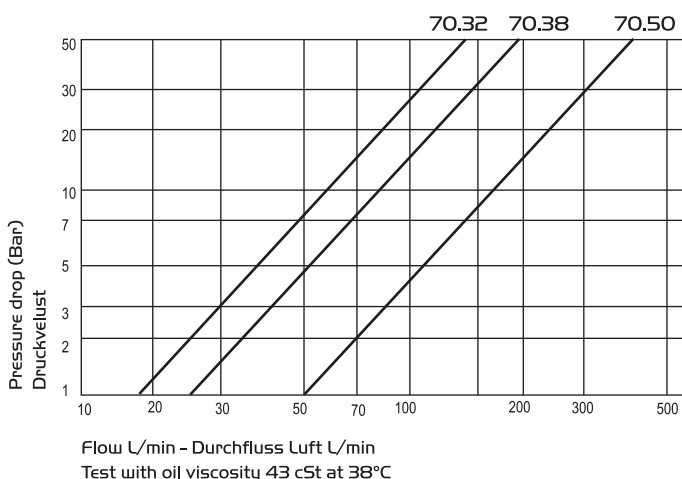
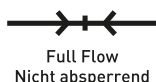


Female Thread Plug
Nippel mit Innengewinde

Connection Anschluß ØT	Order No - Bestellnr.		SW	ØD	L
	Double Shut-off Beidseitig absperrend	Full Flow Nicht absperrend			
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



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

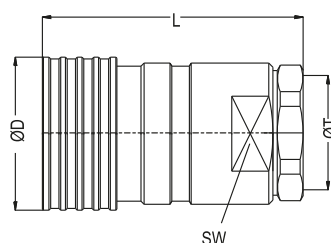
Auf Anfragen in Edelstahl :
AISI 303, AISI 316Ti

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

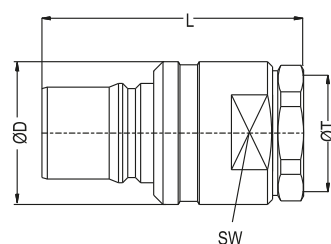
Material - Material

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)

Coupler and Plug
Kupplung und Nippel



Female Thread Coupler
Kupplung mit Innengewinde

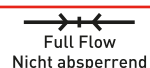


Female Thread Plug
Nippel mit Innengewinde

Body Size
Baugröße

Connection
Anschluß
ØT

Order No - Bestellnr.



SW

ØD

L

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 21/2"	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 21/2"	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

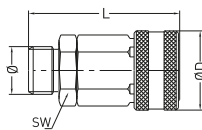
Coupler Body - Kupplungsgrundkörper : Brass - Messing
Sleeve - Hülse : Brass - Messing
Valve - Ventil : Brass - Messing
Springs - Federn : Stainless Steel - Edelstahl

Locking O-Ring - Sprengling : Stainless Steel - Edelstahl

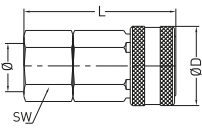
Balls - Kugeln : Stainless Steel - Edelstahl

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

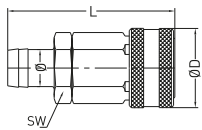
Couplers and Plugs Kupplungen und Nippel



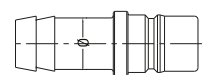
Male Threaded Coupling
Kupplung mit Aussengewinde



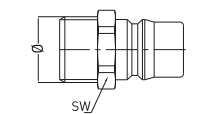
Female Thread Coupling
Kupplung mit Innengewinde



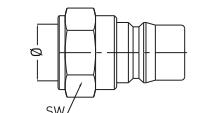
Standard Hose Barb Coupling
Kupplung mit Schlauchtülle



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

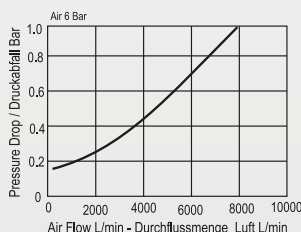
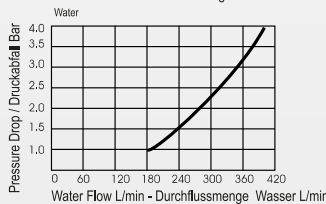
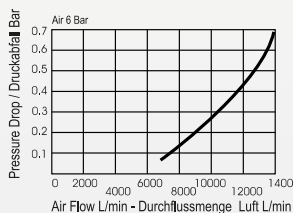
BSP 1/2"	071 DG 21	071 DGF 21	32	80	42
BSP 3/4"	071 DG 26	071 DGF 26	32	81	42
BSP 1"	071 DG 33	071 DGF 33	40	84	42
BSP 1 1/4"	071 DG 42	071 DGF 42	50	85	42

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

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

BSP 1/4"	072.06 DGB 13	27	53	28
NPT 1/4"	072.06 NGB 13	27	53	28
UNF 9/16"-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

BSP 3/4"	072.16 DGB 26	36	86	42
NPT 3/4"	072.16 NGB 26	36	86	42
UNF 1.1/16"-12	072.16 UGB 27	36	86	42

3/4"
19mm

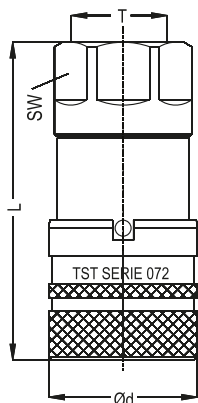
BSP 1"	072.19 DGB 33	41	97	48
NPT 1"	072.19 NGB 33	41	97	48
UNF 1.5/16"-12	072.19 UGB 33	41	97	48

1"
25mm

BSP 1.1/4"	072.25 DGB 42	55	106	55
NPT 1.1/4"	072.25 NGB 42	55	106	55
UNF 1.5/8"-12	072.25 UGB 41	55	106	55

1.1/2"
33mm

BSP 1.1/2"	072.37 DGB 48	65	132	83
NPT 1.1/2"	072.37 NGB 48	65	132	83
UNF 1.7/8"-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 -
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

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:

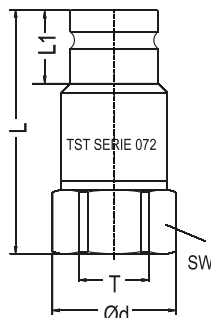
Die Dichtungen sind speziell für hohe Drücke konzipiert. Standardmäßig ist die Serie TST 072 mit NBR-Dichtungen (Nitril) ausgerüstet.
Stecker: Die Kupplungsstecker sind aus hochfestem Stahl gefertigt.

Kupplungsvorgang :

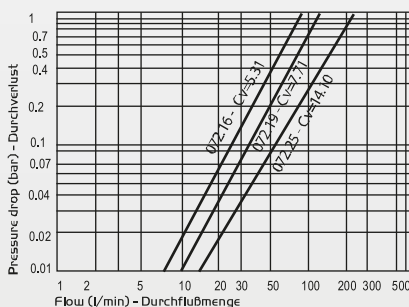
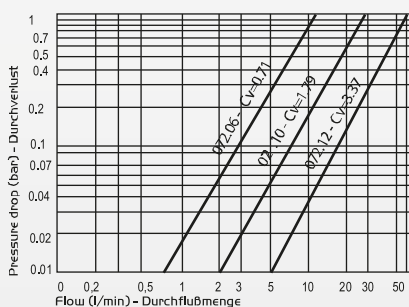
Die Kupplung kann bei befestigter Muffe mit einer Hand betätigt werden.

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



Female Threaded Plug
Nippel mit Innengewinde



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

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
	UNF 3/4"-16	072.10 UUB 19	27	68.5	17	30
1/2" 12mm	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
	NPT 3/4"	072.12 NUB 26	30	69	18	33
	UNF 1.1/16"-12	072.12 UUB 27	30	69	18	33
5/8" 16mm	BSP 3/4"	072.16 DUB 26	35	75	18	39
	NPT 3/4"	072.16 NUB 26	35	75	18	39
	UNF 1.1/16"-12	072.16 UUB 27	35	75	18	39
3/4" 19mm	BSP 1"	072.19 DUB 33	46	84	24	50
	NPT 1"	072.19 NUB 33	46	84	24	50
	UNF 1.5/16"-12	072.19 UUB 33	46	84	24	50
1" 25mm	BSP 1.1/4"	072.25 DUB 42	55	90	24	60
	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
1.1/2" 33mm	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

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

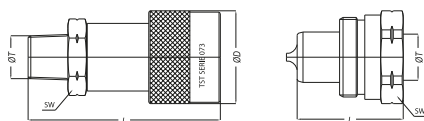
Option - Optionen
F - Straight through flow - ungehinderter Durchfluss
S - Stainless Steel - Edelstahl
V - Viton Seal - Viton Dichtung

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

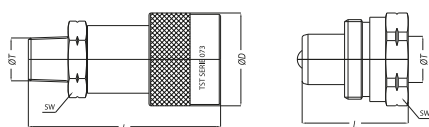
Coupler Body-
Kupplungsgrundkörper : Steel Nickel Plated - Stahl vernickelt
Sleeve - Hülse : Steel Nickel Plated - Stahl vernickelt
Valve - Ventil : Brass - Messing
Spring - Federn : Stainless Steel - Edelstahl
Locking O-Ring-
Sprengtring : Stainless Steel - Edelstahl
Balls Kugeln : Stainless Steel -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

Poppet valving serie - Tellerventil Serie



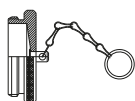
Couplers and Plugs Kupplungen und Nippel	Body Size Nennweite	Connection Anschlüsse (ØT)	Order No Bestellnr.	SW	Lenght - Lange		ØD
					L	Coupled Gekuppelt	
Coupler Body Kupplungs-Grundkörper	1/4"	NPT 1/4"	073 TGB 13	22	63.5	77	30
	3/8"	NPT 3/8"	073 TGB 17	25	72.5	87.5	35
	3/8"	BSP 3/8"	073 DGB 17	25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

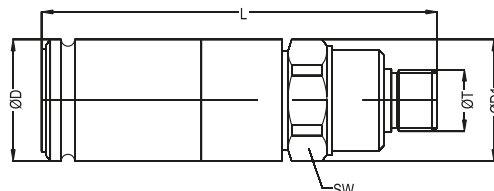
Steel Zinc Plating with white chromating -
Stahl verzinkt mit chromgelben
NBRP - Ring + Teflon Seal -
NBRP-Ring+PTFE-Dichtung
Conical valve (poppet) - Konisches Ventil
Body size 1/2" - Gehäusegröße 1/2"

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.

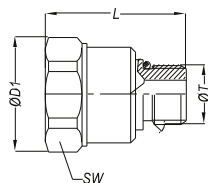
Anwendung

TST 074Hydraulikkupplungen werden an Traktoren mit mittlerer und hoher Leistung eingesetzt. Ihre sehr guten Eigenschaften 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.



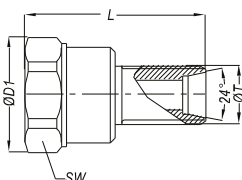
Couplers and Plugs Kupplungen und Nippel

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



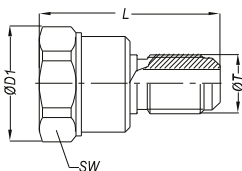
Male Thread Coupler
(ISO 6149-2)
Kupplung mit Aussengewinde
(ISO 6149-2)

M 22x1.5	074 EGBM 22		32	115	38	36
----------	-------------	--	----	-----	----	----



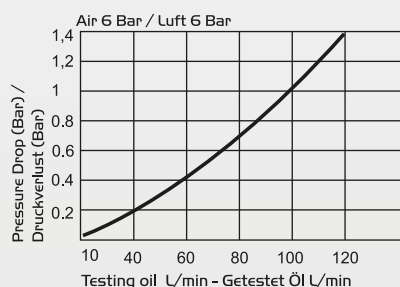
Male Thread Coupler
Ø (DIN 2353 15L 24° conical)
Kupplung mit Aussengewinde
Ø (DIN 2353 15L 24° konisch)

M 22x1.5	074 EGBM 22	15	38	135	38	40
----------	-------------	----	----	-----	----	----



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
----------	-------------	----	----	-----	----	----



HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN

SERIE 074F

AGRICULTURAL COUPLER **FLAT-FACE**
AGRAR-HYDRAULIK SERIE



Couplers and Plugs
Kupplungen und Nippel

Connection
Anschlüsse
ØT

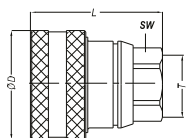
Order No
Bestellnr.

L

LI

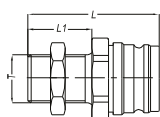
ØD

SW



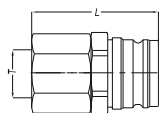
Female Thread Coupler
Kupplung mit Innengewinde

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
------	-------------	----	-----	----

Interchangeability - Kompatibilität

PARKER 5676 serie Hansen - Gromelle Serie 9000

Temperature Range Temperaturbereich

-20°C +100°C (-4°F +212°F)

Working Pressure - Betriebsdruck

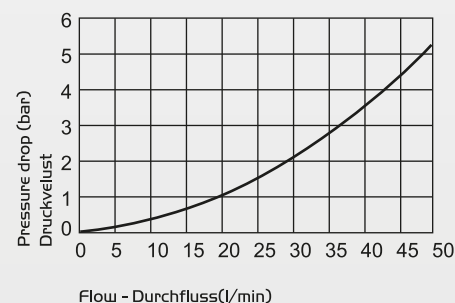
Max. 220 bar - 3300 PSI (max.)

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 - Beideseitig 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

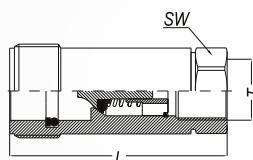
Fonctions
TST 075 series couplings are screw to
connect type that can be used in heavy duty
high pressureized hydraulics and industrial
applications as well as in mobile applications
with vibrations.

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

Material - Material

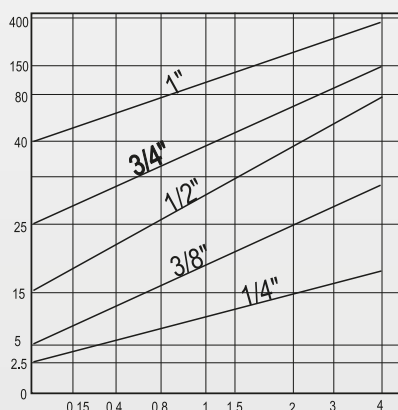
Coupler Body-
Kupplungsgrundkörper: Steel - Stahl
Sleeve - Hülse : Steel - Stahl
Valve - Ventil : Steel - Stahl
Springs - Federn : Spring Steel -
Federstahl
Locking O-Ring-
Sprengtring : Spring Steel -
Federstahl
Balls - Kugeln : Stainless Steel -
Edelstahl
Seals - Dichtungen : Buna - N - Buna N
Plug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



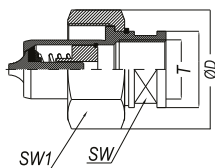
HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN

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,
SAFEWAY 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

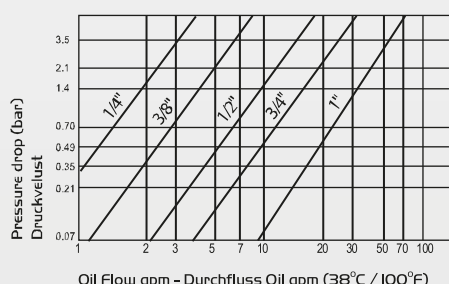
Standard version - Standardversion
Double Shut off - doppelt absperrbar
Steel - Stahl
Zinc Plated with yellow choromate - Verzinkt
Buna (M) - Buna (M)

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

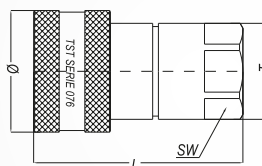
Achtung
Nur Nippel und kupplungen mit
demselben Gewinde passen zusammen

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

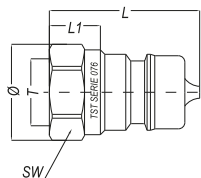


Functions

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.



Female Thread Plug
Nippel mit Innengewinde

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

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 absperierbar
Steel - Stahl
Zinc Plated with white chromate - Verzinkt
Nitrile (Ni) - NBR (Ni)

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

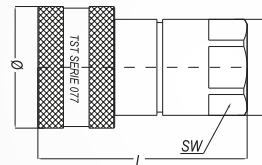
Achtung
Nur Nippel und kupplungen mit
demselben Gewinde passen zusammen

Material - Material

Coupler Body-
Kupplungsgrundkörper: Zinc Plated -
verzinkt

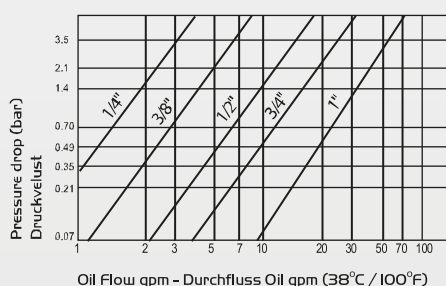
Sleeve - Hülse : Steel - Stahl
Valve - Ventil : Steel - Stahl
Springs - Federn : Steel - Stahl
Balls - Kugeln : Stainless Steel -
Edelstahl
Seals - Dichtungen : Buna (M) -
Buna (M)

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

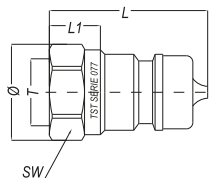


Functions

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.



Female Thread Plug
Nippel mit Innengewinde

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"	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



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 absperrbar
Steel Zinc Plated - Stahl- verzinkt
Stahl - Dichtung: Nitrile (Ni) - NBR (Ni)

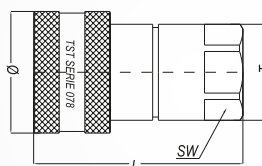
Attention
Only plug and socket with the
same thread fit together.

Achtung
Nur Nippel und kupplungen mit
demselben Gewinde passen zusammen

Material - Material

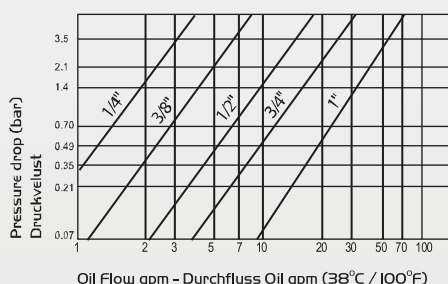
Coupler Body-
Kupplungsgrundkörper : Steel Zinc Plated -
Stahl- verzinkt
Sleeve - Hülse : Steel Zinc Plated -
Stahl- verzinkt
Valve - Ventil : Steel Zinc Plated -
Stahl- verzinkt
Springs - Federn : Stainless Steel -
Edelstahl
Locking O-Ring-
Sprengtring : Stainless Steel -
Edelstahl
Balls - Kugeln : 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	3625
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	3625
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	2900
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	2465
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	3190



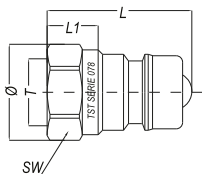
HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN

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.



Female Thread Plug
Nippel mit Innengewinde

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



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

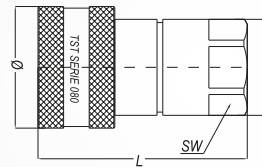
Nur Nippel und kupplungen mit
demselben Gewinde passen zusammen

Material - Material

Coupler Body-
Kupplungsgrundkörper: Steel - Stahl

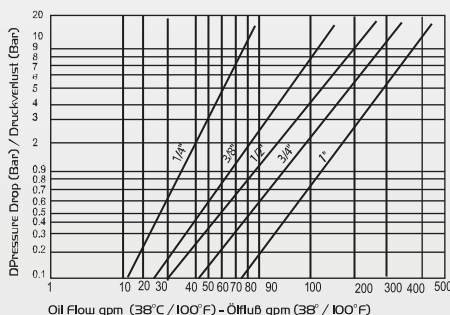
Sleeve - Hülse	:Steel - Stahl
Valve - Ventil	:Steel - Stahl
Springs - Federn	:Stainless Steel - Edelstahl
	Locking O-Ring
Sprengtring	:Stainless Steel - Edelstahl
Balls - Kugeln	:Stainless Steel - Edelstahl
Seals - Dichtungen	:Nitrile (N) - Buna (N)
Plug - Nippel	:Steel - Stahl

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
mm inches

L
mm inches

Ø
mm inches

Working Pressure
Betriebsdruck
Bar PSI

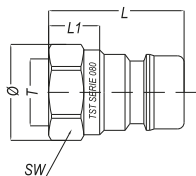
BSPP 1/4"	080 DUF 13	19	0.75	33	1.30	21	0.83	350	5075
NPTF 1/4"	080 NUF 13	19	0.75	33	1.30	21	0.83	350	5075

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

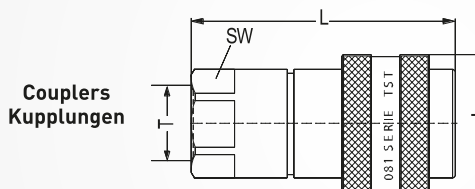
Zinc plated with yellow chromate -
Verzinkt mit gelb chromatier
Nitrile (Ni) - NBR (Ni)

Material - Material

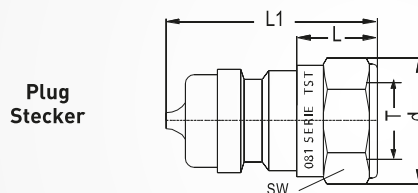
Coupler Body-
Kupplungsgrundkörper: Zinc Plated
Steel - Stahl
Verzinkt

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

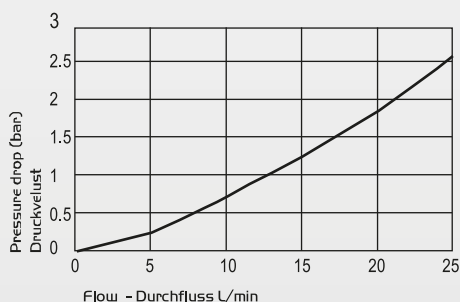
Seals - Dichtungen : Buna - N - Buna N



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



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



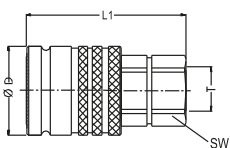
HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN

SERIE 082



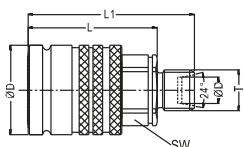
Couplers
Kupplungen

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



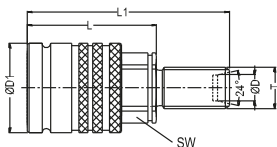
Female Threaded Coupler
Kupplungen mit Innengewinde

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	



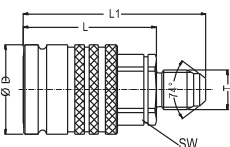
**Coupler with End
Connection Cutting Ring**
Kupplungen mit Entstück Schneidring

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	



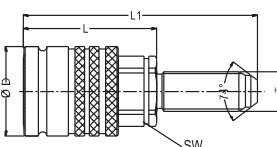
**Coupler with End
Connection Cutting Ring**
Kupplungen mit Entstück Schneidring

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	

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



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

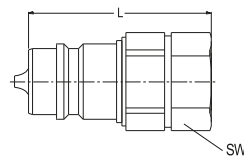
Order No
Bestellnr.

ØD

L

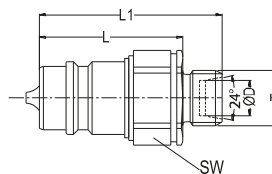
L1

SW



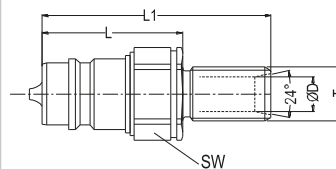
Female Threaded Plug
Kupplungen mit Innengewinde

M 14x1.5	082 DUBM 14	57	27
M 16x1.5	082 DUBM 16	57	27
BSP 1/2"	082 DUBM 21	59	27



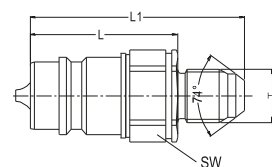
Plug With End Connection Cutting Ring
Nippel mit Endstück Schneidring

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



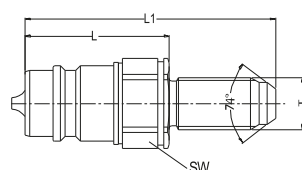
Plug With End Connection Cutting Ring
Nippel mit Endstück Schneidring

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
M 26x1.5	082 SUBM 26-18	49	77	27



Male Threaded Plug (JIC)
Nippel mit Außengewinde (JIC)

UNF-9/16"-18	082 JUB 14-74	49	63	27
UNF-7/8"-14	082 JUB 22-74	49	63	27



Male Threaded Plug (JIC)
Nippel mit Außengewinde (JIC)

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

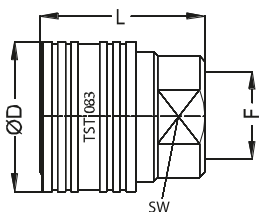
On The List

Flow capacity - Nennweiten

On The List (NW)

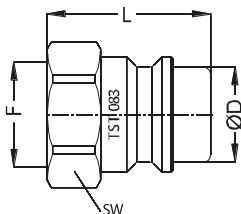
**Thru-flow Coupling /
Nipple freier urchfluss**

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		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)

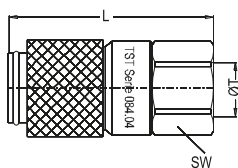
Coupler Body -
Kupplungsgrundkörper : Zinc Plated Steel
Hardened -
Stahl Verzinkt

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

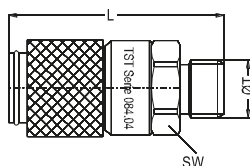
Seals - Dichtungen
: Nitrile (Ni) - NBR
Springs and Balls
: Satinles Steel -
Edelstahl

Plug - Nippel
: Steel - Stahl

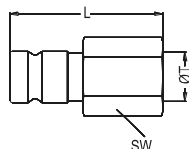
Couplers and Plugs Kupplungen und Nippel



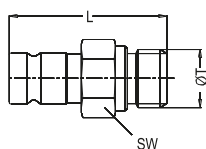
Female Threaded Coupler
Kupplung mit Innengewinde



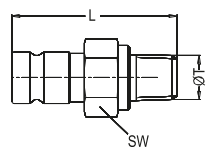
Male Threaded Coupler
Kupplung mit Innengewinde



Female Threaded Shut-Off Plug
Verschlussnippel mit Innengewinde



Male Threaded Shut-Off Plug
Verschlussnippel mit Aussengewinde



NPT Male Threaded Shut-Off Plug
Verschlussnippel mit Aussengewinde NPT

Connection
Anschlüsse
ØT

Order No
Bestellnr.

ØD

L

SW

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

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

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

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 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

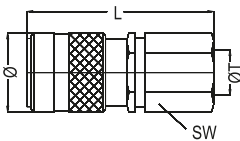
Connection
Anschlüsse
ØT

Order No
Bestellnr.

ØD

L

SW



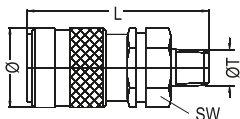
Female Threaded Shut-Off Coupler
Kupplung Innengewinde mit Ventil

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



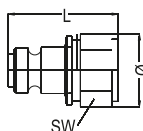
Male Threaded Shut-Off Coupler
Kupplung Aussengewinde mit Ventil

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

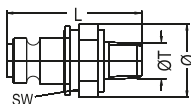
BSPT 1/4"	085.04 RGB 13	27	61.6	24
BSPT 3/8"	085.04 RGB 17	27	61.6	24
NPT 1/4"	085.04 TGB 13	27	61.6	24
NPT 3/8"	085.04 TGB 17	27	61.6	24



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
Schutzhappe für Kupplungen

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



Dust caps for plugs
Schutzhappe 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

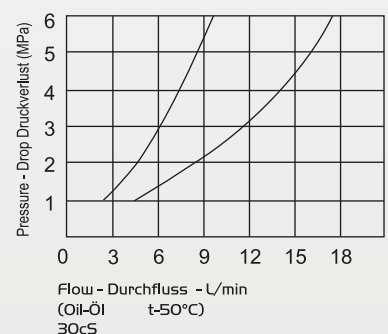
For 085.03 range black plastic dust caps
included as standard
Bei der Serie 085.03 sind rote
Schutzhappen enthalten

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 - : Steel Zinc Plated-
Hinterteil : 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

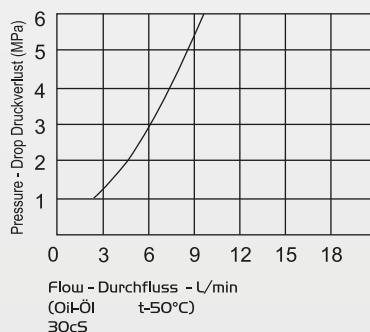
Attention :
The coupler and the plug
should not be loaded before connection.

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

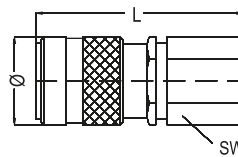
Material - Material
C (Zinc Plated Steel - Stahl Verzinkt)

Coupler Body -
Kupplungsgrundkörper: Steel Zinc Plated
Stahl Verzinkt

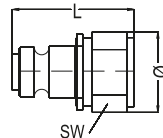
Back Part - : Steel Zinc Plated
Hinterteil : Stahl Verzinkt
Sleeve - Hülse : Steel Oil Burnished -
Stahl bürniert
Valve - Ventil : Steel - Stahl
Springs - Federn : Steel - Stahl
Balls - Kugeln : Steel - Stahl
Seals - Dichtungen : Nitrile (Ni) - NBR
Springs and Balls : Steel - Stahl
Plug - Nippel : Steel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



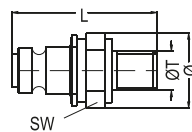
Couplers and Plugs Kupplungen und Nippel



Female Threaded Shut-Off Coupler
Kupplung Innengewinde mit Ventil



Male Threaded Shut-Off Coupler
Kupplung Aussengewinde mit Ventil



Male Threaded Plug
Nippel mit Aussengewinde



Dust caps for coupling
Schutzkappe für Kupplungen



Dust caps for plugs
Schutzkappe für Nippel

Body Size Nennweite	Connection Anschlüsse F	Order No Bestellnr.	Ø	L	SW
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

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
	BSP 1/4"	086.03 NUB 10	25.4	35.7	22

03	BSP 1/4"	086.03 EU 10	25.5	40.5	22
----	----------	--------------	------	------	----

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

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

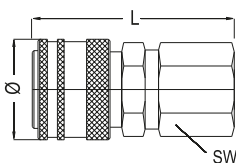
Connection
Anschlüsse
F

Order No
Bestellnr.

Ø

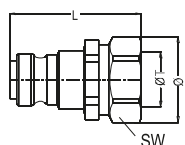
L

SW



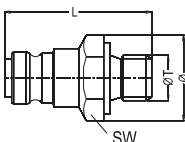
Female Threaded Shut-Off Coupler
Kupplung Innengewinde mit Ventil

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
----------	---------------	------	----	----



Male Threaded Tru-Flow
Plug With Washer
Verschlussnippel
Aussengewinde mit Ventil

BSPT 1/4"	087.03 RUB 13	24.5	42.5	22
-----------	---------------	------	------	----



Dust caps for coupling
Schutzhülle für Kupplungen

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



Dust caps for plugs
Schutzhülle 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
Schutzhüllen enthalten

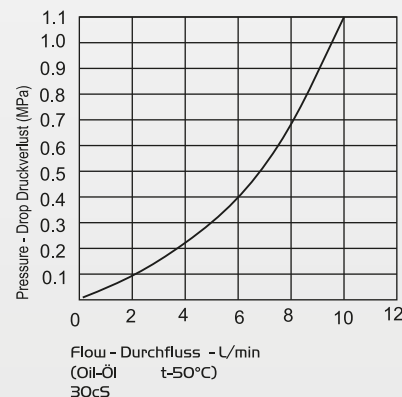
Attention :
The coupler and the plug
should not be loaded before connection.

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.
Connection A Anschluss A Connection B Anschluss B	088N.G13F60 - G13F60	A - BSP 1/4" Male thread with 60° internal cone B - BSP 1/4" Male thread with 60° internal cone A - BSP Aussengewinde 1/4" mit 60° Innenkonus B - BSP Aussengewinde 1/4" mit 60° Innenkonus	1000 Bar (100 MPa)
	088N.G13F60 - R13	A - BSP 1/4" Male thread with 60° internal cone B - BSPT 1/4" Male thread A - BSP Aussengewinde 1/4" mit 60° Innenkonus B - BSPT Aussengewinde 1/4"	1000 Bar (100 MPa)
	088N.G13F60 - T13	A - BSP 1/4" Male thread with 60° internal cone B - NPT 1/4" Male thread A - BSP Aussengewinde 1/4" mit 60° Innenkonus B - NPT Aussengewinde 1/4"	1000 Bar (100 MPa)
	088N.G13F60 - R17	A - BSP 1/4" Male thread with 60° internal cone B - BSPT 3/8" Male thread A - BSP Aussengewinde 1/4" mit 60° Innenkonus B - BSPT Aussengewinde 3/8"	1000 Bar (100 MPa)
	088N.G13F60 - T17	A - BSP 1/4" Male thread with 60° internal cone B - NPT 3/8" Male thread A - BSP Aussengewinde 1/4" mit 60° Innenkonus B - NPT Aussengewinde 3/8"	1000 Bar (100 MPa)
	088N.G13F60 - M16M60	A - BSP 1/4" Male thread with 60° internal cone B - M16x1.5 Male thread with 60° external cone A - BSP Aussengewinde 1/4" mit 60° Innenkonus B - M16x1.5 Aussengewinde mit 60° Aussenkonus	2000 Bar (200 MPa)

HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN

SERIE 088N



High Pressure adapters
Adapter für Hochdruckhydraulik

Adapters / Adapter	Order No / Bestellnr.	Connection / Anschluss	Working Pressure Max. Betriebsdruck Max.
Connection A Anschluss A Connection B Anschluss B	088N.G13F60 - J14M60	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	2000 Bar (200 MPa)
	088N.G13F60 - M22M60	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	2000 Bar (200 MPa)
	088N.J14F60 - M16M60	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	2000 Bar (200 MPa)
	088N.G13F60 - G13M120	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	2000 Bar (200 MPa)
	088N.G13F60 - J19M60	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	2000 Bar (200 MPa)
	088N.G10M90 - G13M120	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	2000 Bar (200 MPa)



SERIE 088N

HYDRAULIC COUPLINGS HYDRAULIK KUPPLUNGEN

High Pressure adapters
Adapter für Hochdruckhydraulik

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

HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN

SERIE 088N



High Pressure adapters
Adapter für Hochdruckhydraulik

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



SERIE 088N

HYDRAULIC COUPLINGS HYDRAULIK KUPPLUNGEN

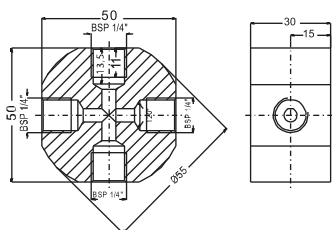
Hydraulic circuit block
Hydraulik Verteilerblock

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"

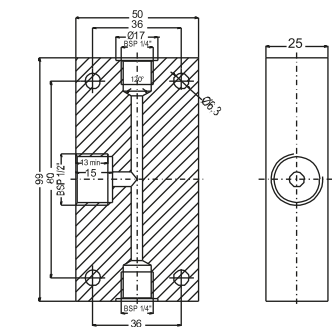
**3000 Bar (300 MPa)
(1000 bar with rubber seal)**

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"

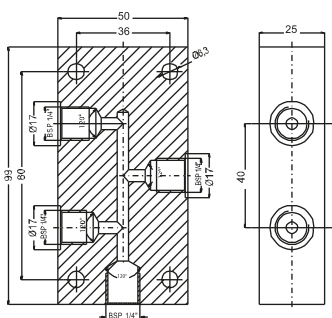
**2000 Bar (200 MPa)
(1000 bar with rubber seal)**

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

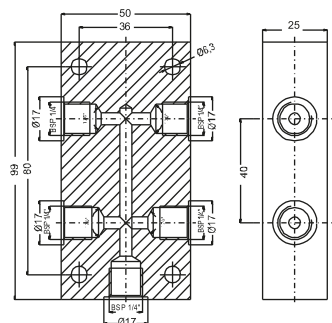
BSP 1/4" female thread .
Seal with 120° sealing cone or
rubber metal seal

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

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

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

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



088NB.G13.005

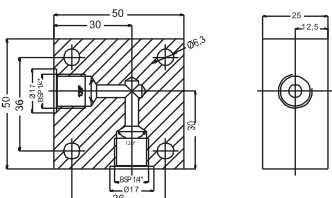
BSP 1/4" female thread .
Seal with 120° sealing cone or
rubber metal seal

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

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

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

**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)**

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

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

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

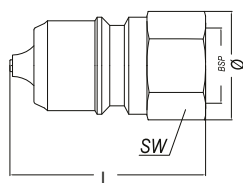
**COUPLINGS, MULTICOUPLINGS &
MOULD COOLING PRODUCTS**

KUPPLUNGEN, MULTIKUPPLUNGEN &
KÜHLUNGSELEMENTE FÜR WERKZEUGE

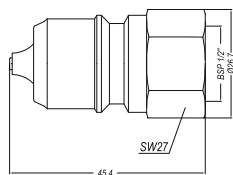
■ **SERIE 111**



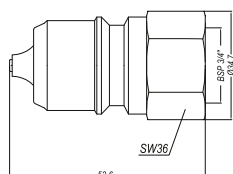
**Plug
Nippel**



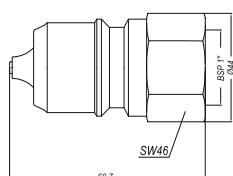
Female Threaded DN10 Plug
DN10 Nippel mit Innengewinde



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



Female Threaded DN20 Plug
With Valve
DN20 Nippel mit Innengewinde
und Ventil



Female Threaded DN25 Plug
With Valve
DN25 Nippel mit Innengewinde
und Ventil

**Connection
Anschlüsse**

Order No / Bestellnr.



SW

Ø

L

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	21	45
BSP 1/4"	111.05 DUF 13	19	21	45
BSP 1/4"	111.06.DUB 13-PD	19	21	45
BSP 3/8"	111.10 DUB 17	22	24	42.7
BSP 3/8"	111.10 DUF 17	22	24	42.7
BSP 3/8"	111.10 DUB 17-PD	22	24	43.3

BSP 1/2"	111.12 DUB 21	27	26.7	45.4
----------	---------------	----	------	------

BSP 1/2"	111.12 DUB 21-PD	27	26.7	46.6
----------	------------------	----	------	------

BSP 3/4"	111.20 DUB 26	36	34.7	52.6
----------	---------------	----	------	------

BSP 3/4"	111.20 DUB 26-PD	36	34.7	52.6
----------	------------------	----	------	------

BSP 1"	111.25 DUB 33	46	44	60.7
--------	---------------	----	----	------

BSP 1"	111.25 DUB 33-PD	46	44	60.7
--------	------------------	----	----	------

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



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.

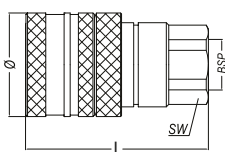
Options - Optionen
Seals: FPM
Sleeve: Brass Nickel Plated

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)

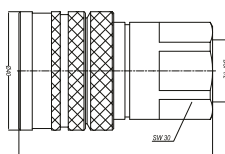
Material - Material

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

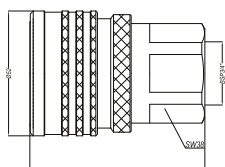
Coupler Kupplung



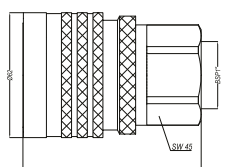
Female Threaded DN10 Socket
DN10 Kupplung mit Innengewinde



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
----------	---------------	----	----	------

BSP 1/2"	111.12 DGB 21-PD	30	40	65.5
----------	------------------	----	----	------

BSP 3/4"	111.20 DGB 26	38	52	73
----------	---------------	----	----	----

BSP 3/4"	111.20 DGB 26-PD	38	52	73
----------	------------------	----	----	----

BSP 1"	111.25 DGB 33	45	62	88.4
--------	---------------	----	----	------

BSP 1"	111.25 DGB 33-PD	45	62	88.4
--------	------------------	----	----	------

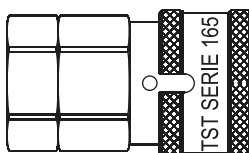
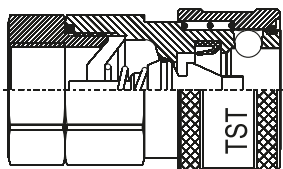
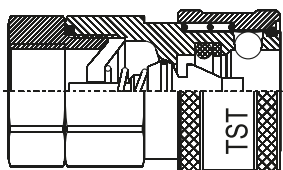
HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN

SERIE 165



ND - NW: Ø6.5-Ø51 / 33-2050 mm²

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



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.

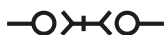
PH Dichtung: Dieser Dichtungssatz besteht aus einem O-Ring und einem PTFE (Teflon) Stützring. Es kann zusammen in der Nut des Radial Wellendichtringes montiert werden. Diese Dichtungskombination kann genutzt werden für Anwendungen aus Pneumatik und Hydraulik mit hohem Druck oder auch Durchfluss.

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)

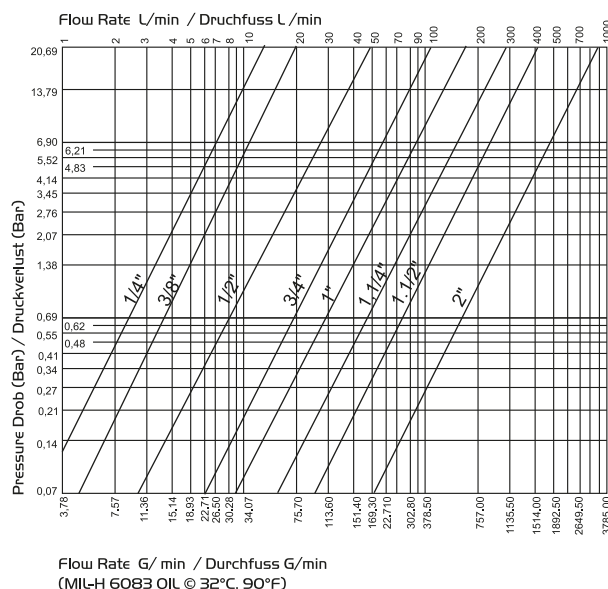
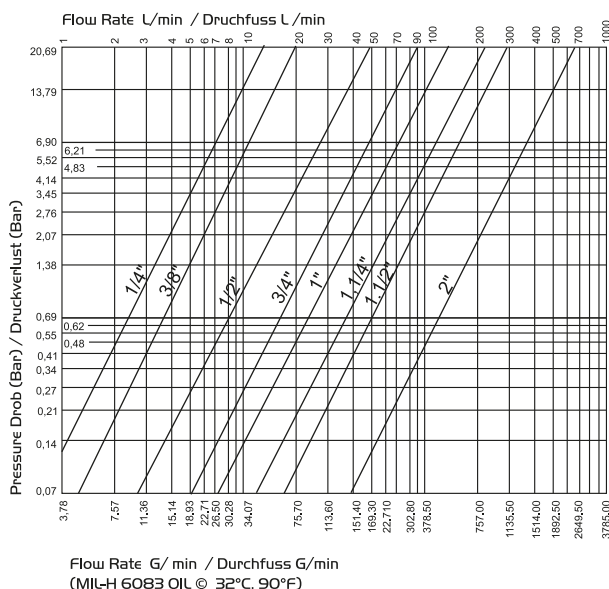
Um Unfälle zu vermeiden beim Öffnen der Kupplung ist die Schiebehülse über den Zapfen zu schieben. Bei Bestellung fügen Sie zur Artikelnummer die Endung "ME" hinzu.



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 Kupplungen ohne Ventil & Verschlußnippel / Kupplungen ohne Ventil & Anschlußnippel								Thru-Flow Socket & Thru-Flow Plug Kupplungen ohne Ventil & Anschlußnippel							
	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:

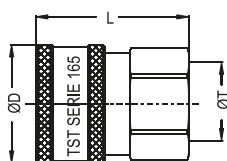
- Freier Durchlass: Kupplung und Stecker ohne Ventil
- Einseitige Absperrung: Nippel mit Ventil und Kupplung ohne Ventil
- Doppelte Absperrung: Nippel mit Ventil und Kupplung mit Ventil
Beachte: Kupplung ohne Ventil kann nicht verwendet werden mit
Stecker mit Ventil Kupplungen und Stecker gleicher
Nennweite 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

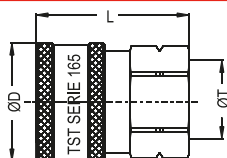


Couplers and Plugs Kupplungen und Nippel



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

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



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	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

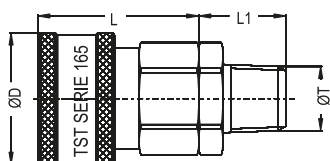
Interchangeability / Kompatibilität
SNAP - TITE H, IH, PH SERIES
US - MIL - C-51234



Shut - Off Sockets / Kupplungen mit Ventil

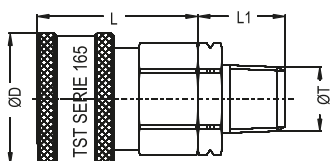
ND - NW: Ø6.5-Ø51 / 33-2050 mm2

Couplers and Plugs
Kupplungen und Nippel



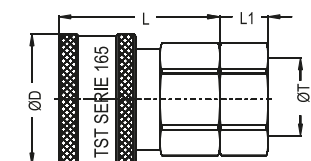
BSPT (Taper) Male Threaded Shut-Off Socket
Kupplungen mit Ventil und BSPT Außengewinde

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



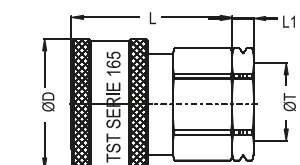
NPT (Taper) Male Threaded Shut-Off Socket
Kupplungen mit Ventil und NPT Außengewinde

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

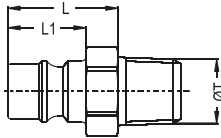
HYDRAULIC COUPLINGS HYDRAULIK KUPPLUNGEN



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

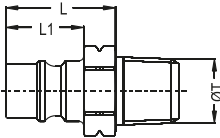
Shut - Off Plugs / Anschlußnippel

Couplers and Plugs Kupplungen und Nippel



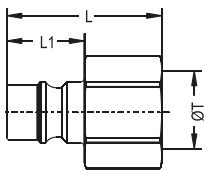
BSPT (Taper) Male Threaded Thru-Flow Plugs
Anschlußnippel mit BSPT Außengewinde

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



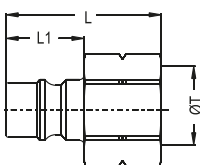
NPT (Taper) Male Threaded Thru-Flow Plugs
Anschlußnippel mit NPT Außengewinde

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



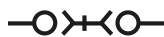
NPT (Taper) Female Threaded Thru-Flow Plugs
Anschlußnippel mit NPT Innengewinde

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

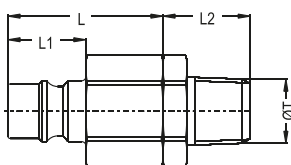
SERIE 165

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



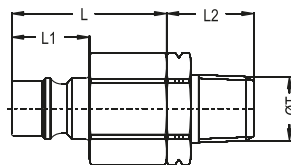
ND - NW: Ø6.5-Ø51 / 33-2050 mm2

Couplers and Plugs
Kupplungen und Nippel



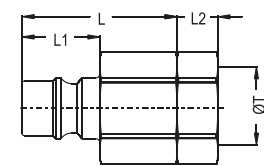
BSPT (Taper) Male Threaded Shut-Off Plug
Verschlußnippel mit BSPT Außengewinde

Body Size Baugröße	Connection Anschluß ØT	Order No - Bestellnr.	L	LI	L2	ØD	SW
04 - 6.5 mm	BSPT 1/4"	165.04 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



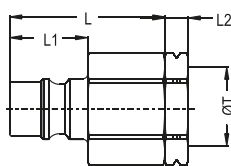
NPT (Taper) Male Threaded Shut-Off Plug
Verschlußnippel mit NPT Außengewinde

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



BSP Female Threaded Shut-Off Plug
Verschlußnippel mit BSP Innengewinde

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



NPT Female Threaded Shut-Off Plug
Verschlußnippel mit NPT Innengewinde

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



SERIE 165 ■

HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN

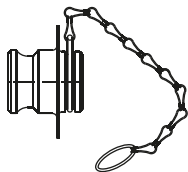


Interchangeability / Kompatibilität
SNAP - TITE H, IH, PH SERIES
US - MIL -C-51234

Shut - Off Plugs / Anschlußnippel

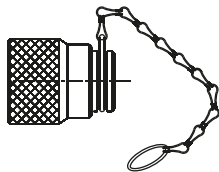
ND - NW: Ø6.5-Ø51 / 33-2050 mm2

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

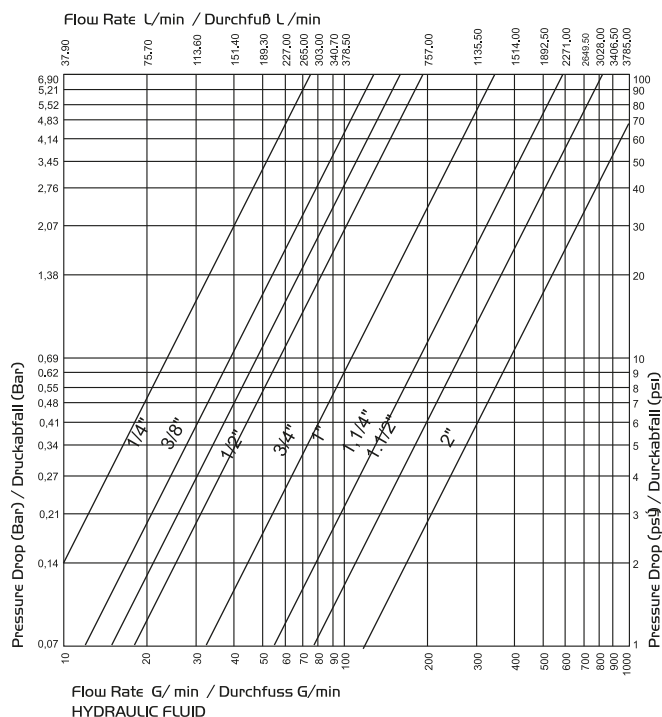
04 - 6.5 mm	165.04 KU 00
06 - 10 mm	165.06 KU 00
08 - 13 mm	165.08 KU 00
12 - 19 mm	165.12 KU 00
16 - 25 mm	165.16 KU 00
20 - 31 mm	165.20 KU 00
24 - 38 mm	165.24 KU 00
32 - 51 mm	165.32 KU 00

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 rauhe 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) Restleckage 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

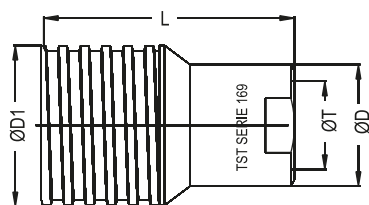
Material - Material

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)

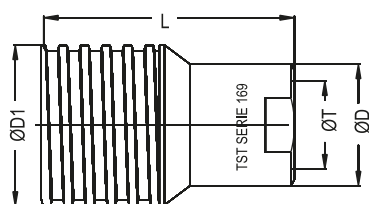
Couplers Kupplungen

Body Size Nennweite	Connection Anschlüsse ØT	Order No / Bestellnr.	QD	ØD1	L	Acme Thread Trapezgewinde
------------------------	--------------------------------	-----------------------	----	-----	---	------------------------------



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

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



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

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

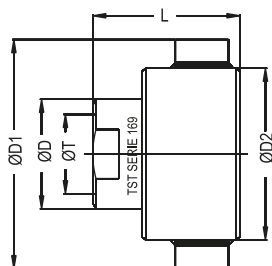
HYDRAULIC COUPLINGS
HYDRAULIK KUPPLUNGEN

SERIE 169

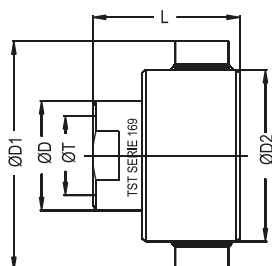
Interchangeability / Kompatibilität
SNAP - TITE 75 SERIES



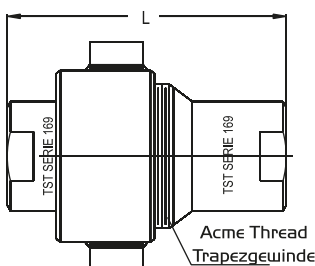
Plugs / Nippel



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



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



Connected Length
Gesamtlänge

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

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

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

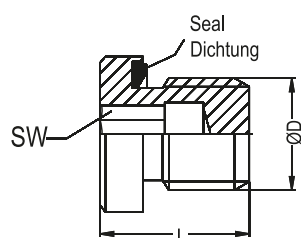
Dust Caps for Plugs
Staubkappen für Nippel

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

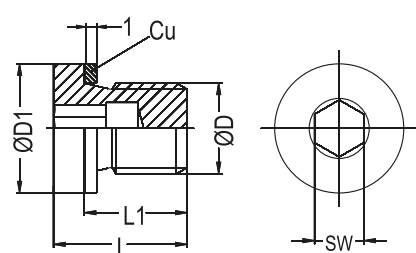
Seal - Dichtung :Buna (M)



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

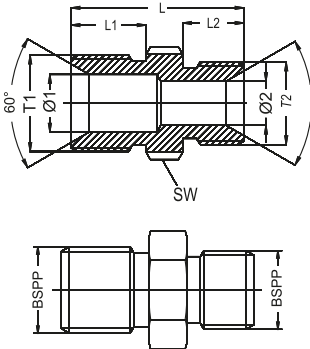
Material : Brass - Messing



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

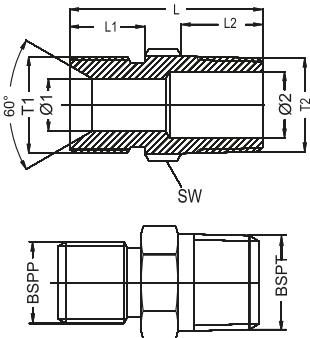
Stahl verzinkt

	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

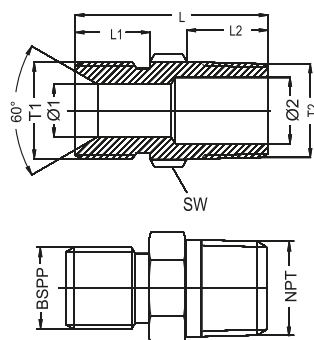
	Order No Bestellnr.	T1	T2	L	L1	L2	Ø1	Ø2	SW	Bar Max. Working Pressure Max. Betriebsdruck
	ER 13-10	G 1/4"	R 1/8"	28	12	10	6	5	14	420
	ER 13-13	G 1/4"	R 1/4"	32	12	14	6	7	14	420
	ER 13-13S6*	G 1/4"	R 1/4"	32	12	14	6	7	14	420
	ER 13-17	G 1/4"	R 3/8"	32	12	14	6	10.5	17	310
	ER 17-13	G 3/8"	R 1/4"	34	14	14	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

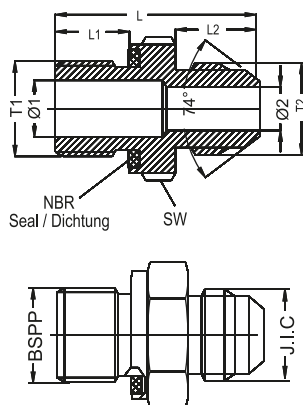


Order No BestellNr.	T1	T2	L	L1	L2	Ø1	Ø2	SW	Bar Max. Working Pressure Max. Betriebsdruck
ET 13-10	G 1/4"	NPT 1/8"	28	12	10	6	5	14	440
ET 13-13	G 1/4"	NPT 1/4"	32	12	14	6	7	14	420
ET 13-17	G 1/4"	NPT 3/8"	33	12	14	6	10.5	19	310
ET 17-13	G 3/8"	NPT 1/4"	34	14	14	9	7	17	350
ET 17-17	G 3/8"	NPT 3/8"	35	14	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

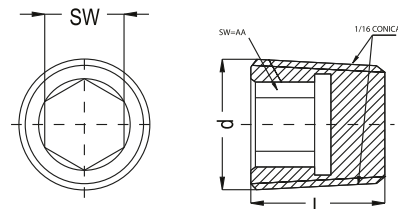
Material : Steel + Cr3 / Chrome plated steel

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

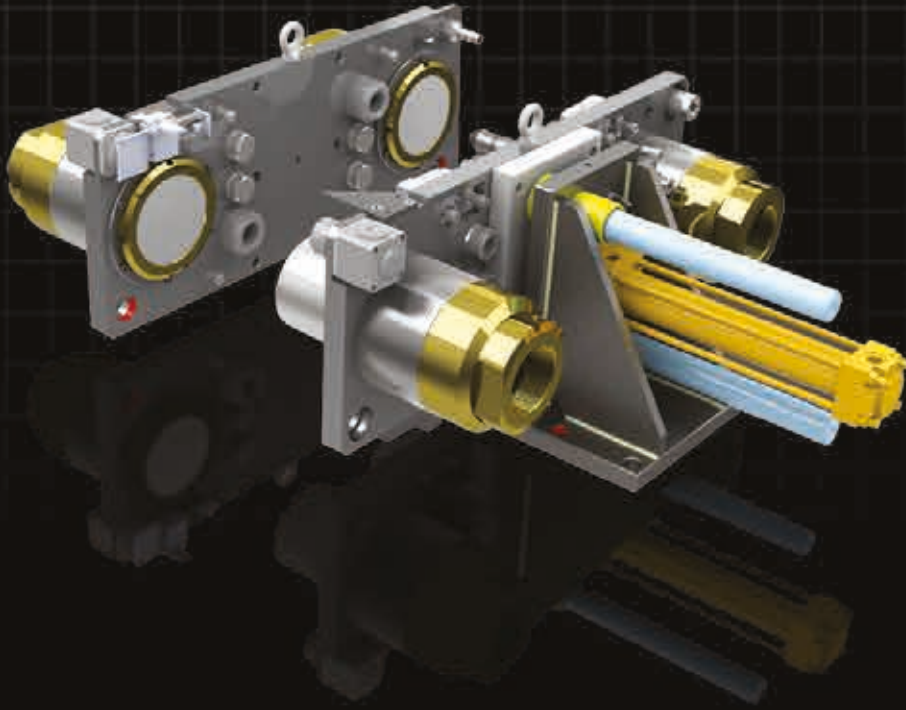
Material :Steel - Stahl (DIN 906)

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

QUICK COUPLINGS • SCHNELLKUPPLUNGEN •



tst[®]

TAMSAN BAĞLANTI ELEMANLARI A.Ş.
GEPOSB Gebze / Kocaeli TÜRKİYE
Factory Tel: +90 262 751 20 44 Fax: +90 262 751 30 44

EXPORT DEPARTMENT
Tel: +90 262 751 20 25 Fax: +90 262 751 20 50
www.tst-tamsan.com / info@tst-tamsan.com