

QUICK COUPLINGS

WATER / HYDRAULIC / PNEUMATIC



tst[®] | **30** YEARS

SMART SOLUTIONS FOR INDUSTRIAL CONNECTIONS

www.tst-europe.com



SMART SOLUTIONS FOR INDUSTRIAL CONNECTIONS

QUICK COUPLINGS

WATER / HYDRAULIC / PNEUMATIC



Registered to
ISO / TS 16949

Registered to
ISO 9001:2008

SMART SOLUTIONS

EN

TST Group Worldwide

Founded over 30 years ago, we now have a Production Facility that occupies over 11.700 sq m². 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.

DE

TST Gruppe weltweit

Gegründet vor 30 Jahren verfügen wir mittlerweile über eine Produktionskapazität auf Basis modernster CNC Technik auf über 11.700 m² 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 für die Bereiche Hydraulik, Pneumatik, Vakuum, Gas, 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 Mitarbeitererfahrungen und einen sehr jungen Maschinenpark (vornehmlich CNC Technik) zurück.



FOR INDUSTRIAL CONNECTIONS

FR

TST, un groupe international

La Société TST fondée depuis plus de 30 ans dispose d'un site de fabrication de plus de 11.700m² où l'ensemble des produits sont dessinés, fabriqués et où le service développement est sans cesse à l'écoute des clients.

tst dispose de l'ensemble des produits coupleurs rapide comme le coupleur air, eau industrie ainsi que les coupleurs spéciaux "plasturgie" ou "hydraulique" ainsi que les gammes multi-connecteurs, manifolds, tubes, colliers et accessoires.

Toutes les technologies à la pointe de la technique sont utilisées sur toutes les phases de conception et production afin de vous assurer 100% de satisfaction quant à la performance des produits.

NL

TST, een wereldwijde organisatie

30 jaar geleden werd TST opgericht, inmiddels beschikken we over een productiefaciliteit die meer dan 11.700m² in beslag neemt.

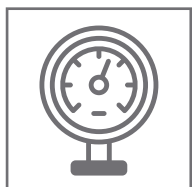
Om te kunnen voldoen aan de behoeftes van onze wereldwijde klanten wordt ons brede assortiment aan producten onder één dak ontworpen, geproduceerd en doorontwikkeld.

tst is producent van snelkoppelingen, voor hydraulische, pneumatische, gas, vacuüm, chemische vloeistoffen en water-gerelateerde toepassingen. Daarnaast produceert TST ook enkele koppelingen, meervoudige koppelingen, verbindingselementen, fittingen, slangen en overige toebehoren.



ICON INDEX

ICONS RELATED WITH APPLICATION AREA



The pressure range vary for each product shown in this leaflet. Before ordering, please mention the application pressure to make sure the product meets the system requirements.

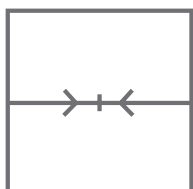


Temperature range of our products vary according to the sealing components chosen. Most common sealing types are listed below. For custom requirements, please contact us.

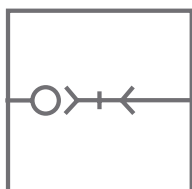


Is the actual diameter which fluid passes through. TST is capable of manufacturing products with nominal diameter of DN 2,7 mm's up to DN 75 mm's.

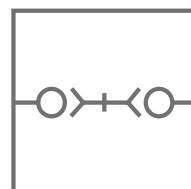
FLOW SYMBOLS



**THROUGH
FLOW**
(Both Sides are
Without Valve)



**SINGLE
SHUT OFF**
(One Side is
With Valve)

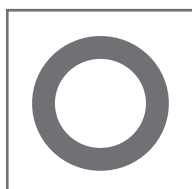


**DOUBLE
SHUT OFF**
(Both Sides are
With Valve)

MATERIAL ICONS

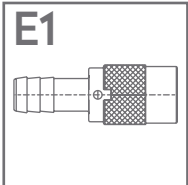


SEALING OPTIONS



FPM : -26°C to + 180°C
NBR : -40°C to + 105°C
EPDM : -50°C to + 120°C
HT : -26°C to + 240°C
FFKM : -15°C to + 315°C

SECURITY ICONS

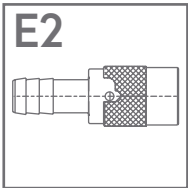


E1

The safety is provided by a pin on the sleeve to prevent the disconnection by mistake.

2 STAGE

Security is provided by pressing the button two times or by left-right sleeve twist. First press/twist releases the pressure inside the coupling and the second press/twist ejects the plug for disconnection.



E2

This is an upgraded version of E1.



This design is normally used in systems where confusion is certainly avoided by the geometrical design in the interior touch points of both plugs and couplings.

OTHER ICONS



Available options

PD

Connection under pressure



Flat face

Swivel

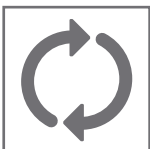
360 °C rotation of the back part



Special design of the valve for high pressure

L

Length



The number of input and outputs in multicoupling systems

IN

Input thread size



Thread size

OUT

Output thread size



Nickel Plated

SWING

Swing Coupling

SERIE 6-9-16



Brass
Ms 58



DN | 6 mm - 9 mm - 16 mm



0 - 20 bar



FPM



E1

E2

E3

SERIE 59-60-90-190



Brass
Ms 58



DN | 2,7 mm - 6 mm - 9 mm - 13 mm



0 - 20 bar



FPM



AISI303
Stainless Steel

HT

E1

E2

SERIE 101



Brass
Ms 58



DN | 6 mm - 9 mm - 12 mm - 16 mm - 20 mm
25 mm - 37 mm - 38 mm



0 - 16 bar



FPM



AISI303
Stainless Steel

AISI316
Stainless Steel



SERIE 102



Brass
Ms 58



DN | 3 mm - 6 mm - 7 mm - 9 mm - 12 mm
16 mm - 25 mm



0 - 50 bar



FPM



AISI303
Stainless Steel

HT

E2

HP

SERIE 099



Brass
Ms 58



DN

9 mm - 12 mm - 16 mm - 20 mm - 25 mm



0 - 16 bar



FPM



AISI303
Stainless Steel

SERIE 100



Brass
Ms 58



DN

6 mm - 8 mm - 12 mm



0 - 10 bar



NBR

SERIE 106



Brass
Ms 58



DN

25 mm - 33 mm - 50 mm



0 - 10 bar



NBR

SERIE 271



Brass
Ms 58



DN

4 mm - 6 mm - 9 mm - 14 mm - 19 mm



0 - 20 bar



NBR



AISI316
Stainless Steel

SERIE 014



Brass
M5 S8



DN

6 mm - 9 mm (SERIE 040)



0 - 35 bar



NBR



2 STAGE

SWING
A1 Serie

SERIE 019



Steel



DN

6 mm



0 - 35 bar



NBR



AISI303
Stainless Steel

AISI316
Stainless Steel

SWING
P Serie

SERIE 020



Brass
M5 S8



DN

2.7 mm



0 - 35 bar



NBR



AISI303
Stainless Steel

AISI316
Stainless Steel

2 STAGE

SERIE 021



Brass
M5 S8



DN

5 mm



0 - 35 bar



NBR



AISI303
Stainless Steel

AISI316
Stainless Steel

2 STAGE

FF

FF

SERIE 023



Steel



DN

6 mm - 8 mm (SERIE 030)
10 mm (SERIE 037)



0 - 35 bar



NBR



AISI303
Stainless Steel

AISI316
Stainless Steel

2 STAGE

SWING
BT Series

SERIE 025



Steel



DN

7.8 mm



0 - 35 bar



NBR



AISI303
Stainless Steel

AISI316
Stainless Steel

2 STAGE

FF

SWING
C Series

SERIE 027



Steel



DN

10 mm



0 - 35 bar



NBR



AISI303
Stainless Steel

AISI316
Stainless Steel

2 STAGE

SERIE 045



Brass
Ms 58



DN

3 mm - 6 mm - 10 mm - 13 mm - 19 mm
25 mm - 32 mm



0 - 35 bar



NBR



Steel

AISI303
Stainless Steel

SERIE 019S

2 STAGE



Steel



DN

6 mm



0 - 12 bar



NBR



Swivel

SERIE 022S

2 STAGE



Steel



DN

6 mm - 9 mm (SERIE 040S.09)



0 - 12 bar



NBR



Swivel

SERIE 023S

2 STAGE



Steel



DN

6 mm



0 - 12 bar



NBR



Swivel

SERIE 025S

2 STAGE



Steel



DN

8 mm



0 - 12 bar



NBR



Swivel



PNEUMATIC SAFETY COUPLINGS

PNEUMATIC COUPLINGS



SERIE 026S



DN | 7.8 mm

0 - 30 bar | NBR

SERIE 096E



DN | 7.4 mm

0 - 35 bar | NBR

SERIE 107S

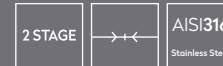


DN | 6 mm - 8 mm - 11 mm

0 - 16 bar | NBR

✓ | AISI316 Stainless Steel | Swivel

SERIE 121



DN | 12 mm

0 - 150 bar | NBR

✓ | Brass Ms 58

SERIE SC-DN6

2 STAGE



Steel



ARO 210



ISO 6150B



ISO 6150C



Spanish



British



DN

6 mm



0 - 15 bar



NBR



AISI303
Stainless Steel

Swivel

SERIE SC-DN8

2 STAGE



Steel



European



Japanese



ISO 6150B



ISO 6150C



DN

8 mm



0 - 15 bar



NBR



AISI303
Stainless Steel

Swivel

SERIE SC-DN11

2 STAGE



Steel



ISO 6150B



ISO 6150C



DN

11 mm



0 - 15 bar



NBR



AISI303
Stainless Steel

SERIE SC-DN19

2 STAGE



Steel



ISO 6150C

DN

19 mm



0 - 15 bar



NBR



SERIE SV-DN6

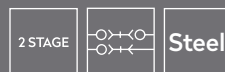


DN | 6 mm

| 0 - 25 bar | NBR

| AISI316
Stainless Steel

SERIE SV-DN8



DN | 8 mm

| 0 - 25 bar | NBR

| AISI316
Stainless Steel

SERIE SV-DN11



DN | 11 mm

| 0 - 25 bar | NBR

| AISI316
Stainless Steel

SERIE SV-DN19



DN | 19 mm

| 0 - 25 bar | NBR

| AISI316
Stainless Steel

SERIE 070



Steel



DN

4.3 mm - 6 mm - 7.5 mm - 11 mm - 13 mm
20 mm - 25 mm - 38 mm - 50 mm



0 - 300 bar



NBR



Brass

Ms 58

AISI303

Stainless Steel

AISI316

Stainless Steel

E1

SERIE 076



Steel



DN

6 mm - 10 mm - 12 mm - 16 mm - 19 mm
25 mm



0 - 350 bar



NBR



AISI303

Stainless Steel

AISI316

Stainless Steel

SERIE 078



Steel



DN

8 mm - 10 mm - 12 mm - 16 mm - 19 mm



0 - 250 bar



NBR

SERIE 082



Steel



DN

11 mm



0 - 250 bar



NBR

SERIE 085



Steel



DN

3 mm - 4 mm (SERIE 085.04)



0 - 1000 bar



NBR

SERIE 111



Brass
Ms 58



DN

5 mm - 6.5 mm - 10 mm - 13 mm - 20 mm
25 mm - 35 mm



0 - 450 bar



NBR



AISI316
Stainless Steel

PD

SERIE 165



Steel



DN

4 mm - 6 mm - 8 mm - 12 mm - 16 mm
20 mm - 24 mm - 32 mm



0 - 450 bar



NBR



Brass
Ms 58

AISI303
Stainless Steel

AISI316
Stainless Steel

E1

2 STAGE

SERIE 219



Steel



DN

12 mm - 19 mm



0 - 20 bar



FFKM

SERIE 054



DN | 8 mm - 10 mm - 12 mm - 20 mm

| 0 - 450 bar | NBR

SERIE 075



DN | 6 mm - 10 mm - 12 mm - 20 mm - 25 mm

| 0 - 500 bar | NBR

SERIE 126

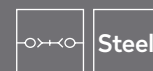


DN | 8 mm - 12 mm - 20 mm - 25 mm - 33 mm

| 0 - 500 bar | FPM

| PD HP

SERIE 169



DN | 12 mm - 16 mm - 20 mm - 24 mm - 32 mm

| 0 - 350 bar | NBR

SERIE 072

E1

FF



Steel



DN

6 mm - 10 mm - 12 mm - 16 mm - 19 mm
25 mm - 33 mm



0 - 325 bar



NBR



AISI316
Stainless Steel

PD

SERIE 103

FF



Steel



DN

8 mm - 11 mm - 12 mm



0 - 450 bar



FPM



E1

PD

SERIE 104

FF



AISI
Stainless Steel



DN

4 mm - 6 mm - 8 mm - 12 mm - 15 mm
20 mm - 25 mm - 37 mm - 50 mm - 75 mm



0 - 160 bar



FPM



HP

SERIE 124

FF



Steel



DN

6 mm - 8 mm - 9 mm - 12 mm - 16 mm



0 - 450 bar



FPM



PD

SERIE 200-230



Steel



DN

4 mm - 6 mm - 7 mm - 9 mm - 12 mm
19 mm - 25 mm - 32 mm - 50 mm



0 - 60 bar



NBR



Brass
Ms 58

AISI316
Stainless Steel

2 STAGE



SERIE 200-230P1



Steel



DN

6 mm - 7 mm - 12 mm - 19 mm - 25 mm -
32 mm



0 - 250 bar



NBR



2 STAGE

SERIE 215



Steel



DN

4 mm - 6 mm - 10 mm - 16 mm - 20 mm
32 mm



0 - 2000 bar



NBR

SERIE 220



AISI303
Stainless Steel



DN

5 mm



0 - 140 bar



NBR

SERIE 117K

Brass
Ms 58



IN

3/4" - 1" - 1 1/4"

OUT

1/4" - 3/8" - 1/2" - 3/4"



AI

Aluminium

SERIE 117KA

AI
Aluminium



IN

3/4" - 1"

OUT

1/4" - 3/8" - 1/2"

SERIE 117AK

AI
Aluminium



IN

3/4" - 1" - 1 1/2" - 2"

OUT

1/4" - 3/8" - 1/2" - 3/4"

SERIE SAGK

NICKEL

Brass
Ms 58



1/4" - 3/8" - 1/2" - 3/4" - 1"



0 - 20 bar



0 - 90 °C

SERIE 090M



Brass
Ms 58



DN

9 mm



0 - 16 bar



FPM



3 - 4 - 5 - 6 - 8 - 10 - 12 - 16

SERIE 101M



Brass
Ms 58



DN

6 mm - 9 mm - 12 mm - 16 mm



0 - 16 bar



FPM



3 - 4 - 5 - 6 - 8 - 10 - 12 - 16

SERIE 150M

FF



Brass
Ms 58



DN

9 mm - 12 mm



0 - 16 bar



FPM



3 - 4 - 5 - 6 - 8 - 10 - 12

SERIE 152M

FF



Brass
Ms 58



DN

10 mm - 12 mm



0 - 16 bar

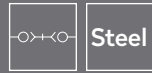


FPM



3 - 4 - 5 - 6 - 8 - 10 - 12

SERIE 108M

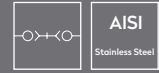


DN | 8 mm - 10 mm (SERIE 108 - HF)

 | 0 - 200 bar  | FPM

 | 1 - 2 - 3 - 4 - 5

SERIE 115M

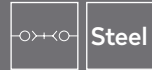


DN | 3 mm - 5 mm

 | 0 - 100 bar  | FPM

 | 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8

SERIE 208M



DN | 8 mm - 10 mm

 | 0 - 200 bar  | FPM

 | 1 - 2 - 3

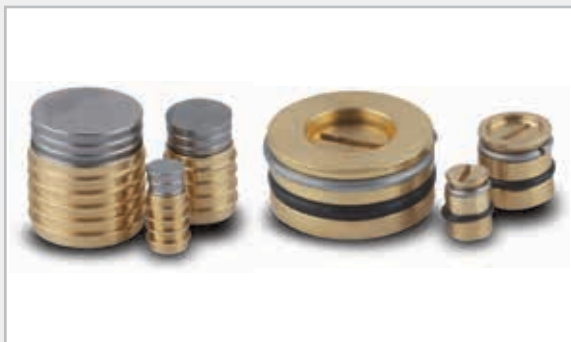
SERIE SPECIAL



 | Please contact us for your custom quick coupling / multi coupling requirements.

SERIE HKT-DKT

Brass
Ms 58



6 mm - 8 mm - 9 mm - 10 mm - 12 mm
14 mm - 15 mm - 16 mm - 18 mm - 20 mm



0 - 40 bar

SERIE BDP-BSP

Brass
Ms 58



1/16" - 1/8" - 1/4" - 3/8" - 1/2" - 3/4" - 1"



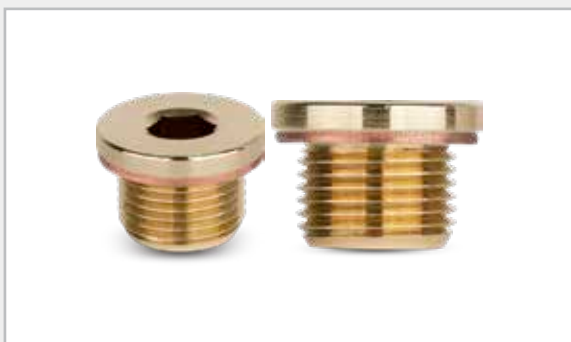
50 mm up to 500 mm



0 - 40 bar

SERIE KFR

Brass
Ms 58



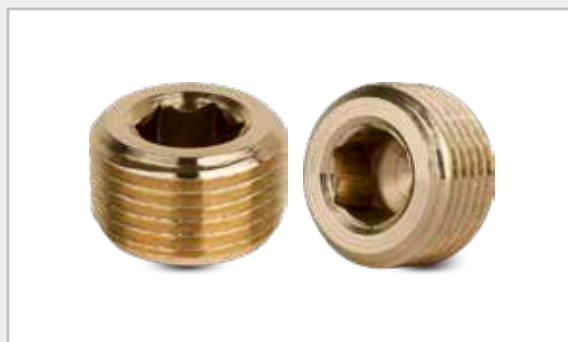
1/16" - 1/8" - 1/4" - 3/8" - 1/2" - 3/4" - 1"



0 - 40 bar

SERIE KTR

Brass
Ms 58



1/16" - 1/8" - 1/4" - 3/8" - 1/2" - 3/4" - 1"
1 1/4" - 1 1/2" - 2"



0 - 40 bar



Steel

AISI303
Stainless Steel

AISI316
Stainless Steel

HOSE FITTINGS

Brass
Ms 58



6 mm - 8 mm - 10 mm - 12 mm - 13 mm
16 mm - 19 mm - 25 mm - 33 mm



1/8" - 1/4" - 3/8" - 1/2" - 3/4" - 1" - 1 1/4"



0 - 40 bar

BRASS ADAPTORS

Brass
Ms 58



1/8" - 1/4" - 3/8" - 1/2" - 3/4" - 1" - 1 1/4"
1 1/2"



0 - 40 bar



Steel

BALL VALVES KV

Brass
Ms 58



1/4" - 3/8" - 1/2" - 3/4" - 1" - 1 1/4" - 1 1/2"
2"

AIR GUN



0 - 12 bar



1/4"

SERIE PLOK- PDLOK



6 mm - 8 mm - 10 mm - 13 mm - 16 mm
19 mm - 25 mm



0 - 28 bar



0 - 90 °C



Red, Blue, Black

SERIE WHMLOK-WHMDLOK



6 mm - 8 mm - 10 mm - 13 mm - 16 mm
19 mm - 25 mm



0 - 28 bar



0 - 140 °C



Red, Blue, Black

SERIE PHC



6.5 x 10 - 8 x 12 - 11 x 16 mm



0 - 10 bar



2 m up to 10 m

SERIE HOSE REEL



6.5 x 10 - 8 x 12



0 - 10 bar



2 m up to 10 m

QUICK COUPLINGS

WATER / HYDRAULIC / PNEUMATIC



SMART SOLUTIONS FOR INDUSTRIAL CONNECTIONS

TST Europe AG

Mettlenstrasse 6
CH-8472 Seuzach

Tel : +41 52 335 40 00
Fax : +41 52 335 40 01
info@tst-europe.com

www.tst-europe.com
www.tst-tamsan.com