

QUICK COUPLINGS

WATER / HYDRAULIC / PNEUMATIC



tst[®] | **30** YEARS

SMART SOLUTIONS FOR INDUSTRIAL CONNECTIONS

www.tst-tamsan.com



SMART SOLUTIONS FOR INDUSTRIAL CONNECTIONS

QUICK COUPLINGS

WATER / HYDRAULIC / PNEUMATIC

Registered to
IATF 16949:2016

Registered to
ISO 9001:2015

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.

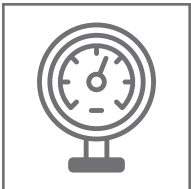
Om te kunnen voldoen aan de behoeftes van onze wereldwijde klanten wordt ons brede assortiment aan producten onder één dak ontworpen, geproduceerd en doorontwikkeld.

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.

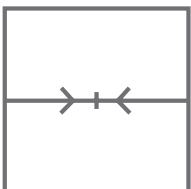


Temperature range of our products vary according to the sealing components chosen. Most common sealing types are listed below. For custom requirements, please contact us.

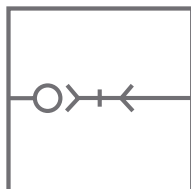


Is the actual diameter which fluid passes through. TST is capable of manufacturing products with nominal diameter of DN 2.7 mm's up to DN 75 mm's.

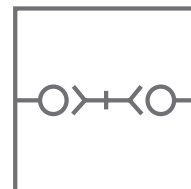
FLOW SYMBOLS



THROUGH FLOW
(Both Sides are Without Valve)



SINGLE SHUT OFF
(One Side is With Valve)

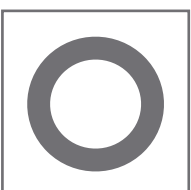


DOUBLE SHUT OFF
(Both Sides are With Valve)

MATERIAL ICONS

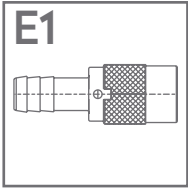


SEALING OPTIONS



FPM : -26°C to + 200°C (not recommended for water steam)
NBR : -40°C to + 105°C
EPDM : -50°C to + 135°C
HT : -26°C to + 200°C (better durability for water steam)
FFKM : -15°C to + 325°C

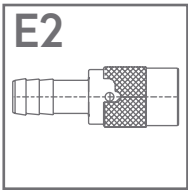
SECURITY ICONS



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



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.



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



Connection under pressure



Flat face



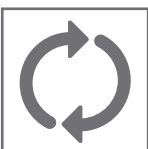
360 °C rotation of the back part



Special design of the valve for high pressure



Length



The number of input and outputs in multicoupling systems



Input thread size



Thread size



Output thread size



Nickel Plated



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
Ms 58



DN | 6 mm - 9 mm (SERIE 040)

0 - 35 bar NBR

| 2 STAGE SWING
AI Serie

SERIE 019



Steel



DN | 6 mm

0 - 35 bar NBR

| AISI303 AISI316 SWING
Stainless Steel Stainless Steel P.Serie

SERIE 020



Brass
Ms 58



DN | 2.7 mm

0 - 35 bar NBR

| AISI303 AISI316 2 STAGE
Stainless Steel Stainless Steel

SERIE 021



Brass
Ms 58



DN | 5 mm

0 - 35 bar NBR

| AISI303 AISI316 2 STAGE FF
Stainless Steel Stainless Steel

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
B1 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

SERIE 026S


2 STAGE  Brass
Ms 58



DN | 7.2 mm



 | 0 - 12 bar  | NBR

SERIE 034S

2 STAGE  Steel



DN | 10 mm



 | 0 - 10 bar  | NBR

SERIE 096E


2 STAGE  Brass
Ms 58



DN | 7.4 mm



 | 0 - 35 bar  | NBR

SERIE 107S


2 STAGE  AISI
Stainless Steel









DN | 6 mm - 8 mm - 11 mm

 | 0 - 16 bar  | NBR



 | AISI316
Stainless Steel Swivel


SERIE SC-DN6  **Steel**



- ARO 210 
- ISO 6150B 
- ISO 6150C 
- Spanish 
- British 

DN | 6 mm

 | 0 - 15 bar  | NBR

 | **AISI303** Stainless Steel | Swivel

SERIE SC-DN8  **Steel**



- European 
- Japanese 
- ISO 6150B 
- ISO 6150C 

DN | 8 mm

 | 0 - 15 bar  | NBR

 | **AISI303** Stainless Steel | Swivel

SERIE SC-DN11  **Steel**



- ISO 6150B 
- ISO 6150C 

DN | 11 mm

 | 0 - 15 bar  | NBR

 | **AISI303** Stainless Steel

SERIE SC-DN19  **Steel**



- ISO 6150C 

DN | 19 mm

 | 0 - 15 bar  | NBR

 | **AISI303** Stainless Steel

SERIE SV-DN6

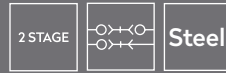


DN | 6 mm

| 0 - 25 bar | NBR

| AISI316 Stainless Steel

SERIE SV-DN8

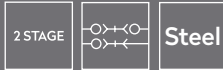


DN | 8 mm

| 0 - 25 bar | NBR

| AISI316 Stainless Steel

SERIE SV-DN11

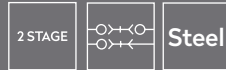


DN | 11 mm

| 0 - 25 bar | NBR

| AISI316 Stainless Steel

SERIE SV-DN19

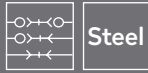


DN | 19 mm

| 0 - 25 bar | NBR

| AISI316 Stainless Steel

SERIE 070

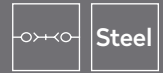


DN | 4.3 mm - 6 mm - 7.5 mm - 11 mm - 13 mm
20 mm - 32 mm - 38 mm - 50 mm

| 0 - 300 bar | NBR

| Brass MS 58 | AISI303 Stainless Steel | AISI316 Stainless Steel | E1

SERIE 076

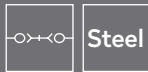


DN | 6 mm - 10 mm - 12 mm - 16 mm - 19 mm
25 mm

| 0 - 350 bar | NBR

| AISI303 Stainless Steel | AISI316 Stainless Steel

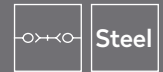
SERIE 078



DN | 8 mm - 10 mm - 12 mm - 16 mm - 19 mm

| 0 - 250 bar | NBR

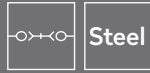
SERIE 082



DN | 11 mm

| 0 - 250 bar | NBR

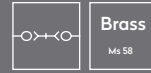
SERIE 085



DN | 3 mm - 4 mm (SERIE 085.04)

0 - 1000 bar | NBR

SERIE 111



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



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

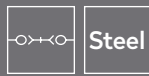


DN | 12 mm - 19 mm

0 - 20 bar | FFKM

0 - 320 °C

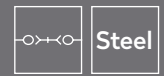
SERIE 054



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

| 0 - 450 bar | NBR

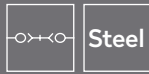
SERIE 075



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

| 0 - 500 bar | NBR

SERIE 126

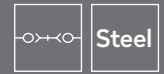


DN | 8 mm - 12 mm - 20 mm - 25 mm - 33 mm

| 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

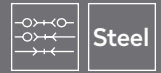


DN | 4 mm - 6 mm - 7 mm - 9 mm - 12 mm
19 mm - 25 mm - 32 mm - 50 mm

| 0 - 60 bar | **NBR**

| **Brass** **AISI316** **2 STAGE**

SERIE 200-230P1



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

| 0 - 250 bar | **NBR**

| **2 STAGE**

SERIE 215



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

| 0 - 2000 bar | **NBR**

SERIE 220

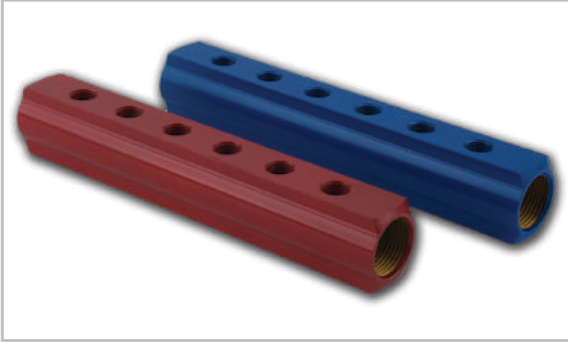


DN | 5 mm

| 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**
M5 58





DN | 9 mm


 | 0 - 16 bar  | **FPM**


SERIE 101M  **Brass**
M5 58





DN | 6 mm - 9 mm - 12 mm - 16 mm


 | 0 - 16 bar  | **FPM**


SERIE 150M **FF**  **Brass**
M5 58




DN | 9 mm - 12 mm



 | 0 - 16 bar  | **FPM**


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

SERIE 152M **FF**  **Brass**
M5 58

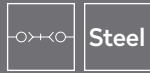


DN | 10 mm - 12 mm

 | 0 - 16 bar  | **FPM**

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

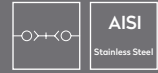
SERIE 108M



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

| 0 - 200 bar | FPM

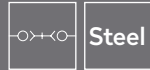
SERIE 115M



DN | 3 mm - 5 mm

| 0 - 100 bar | FPM

SERIE 208M

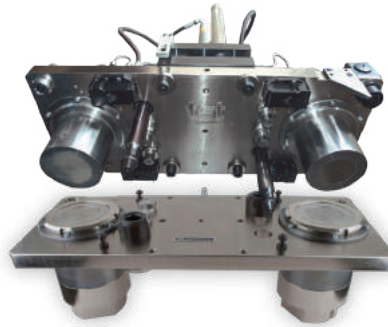


DN | 8 mm - 10 mm

| 0 - 200 bar | FPM

| 1 - 2 - 3

SERIE SPECIAL



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

SERIE HKT-DKT

Brass
M5 58



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



0 - 40 bar

SERIE BDP-BSP

Brass
M5 58



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



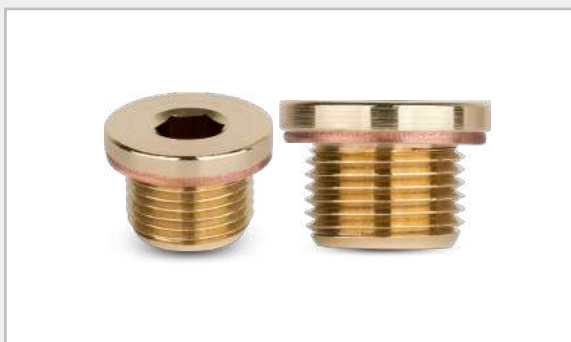
50 mm up to 500 mm



0 - 40 bar

SERIE KFR

Brass
M5 58



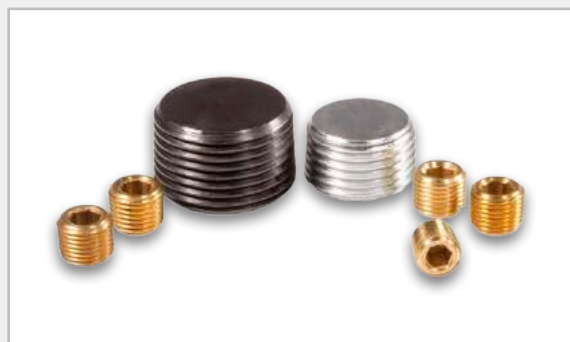
1/16" - 1/8" - 1/4" - 3/8" - 1/2" - 3/4" - 1"



0 - 40 bar

SERIE KTR

Brass
M5 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
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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



1/4"



0 - 12 bar

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



∅ | 6.5x10 - 8x12 - 11x16 mm

⊙ | 0 - 10 bar

L | 2 m up to 10 m

SERIE HOSE REEL



∅ | 6.5x10 - 8x12

⊙ | 0 - 10 bar

L | 2 m up to 10 m

QUICK COUPLINGS

WATER / HYDRAULIC / PNEUMATIC



SMART SOLUTIONS FOR INDUSTRIAL CONNECTIONS

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