

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
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, meevoudige 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.

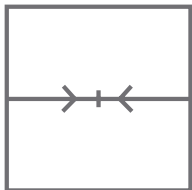


Temperature range of our products vary according to the sealing components chosen. Most common sealing types are listed below. For custom requirements, please contact us.

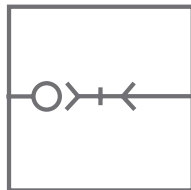


Is the actual diameter which fluid passes through. TST is capable of manufacturing products with nominal diameter of DN 2,7 mm's up to DN 75 mm's.

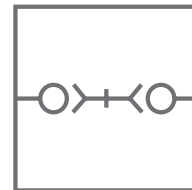
FLOW SYMBOLS



THROUGH FLOW
(Both Sides are Without Valve)



SINGLE SHUT OFF
(One Side is With Valve)

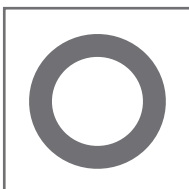


DOUBLE SHUT OFF
(Both Sides are With Valve)

MATERIAL ICONS

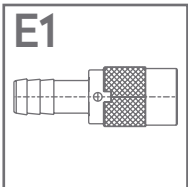


SEALING OPTIONS



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



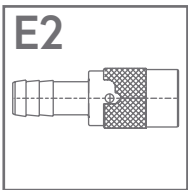
E1

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



FF

Flat face



Swivel

360 °C rotation of the back part



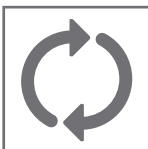
HP

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

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
Ms 58



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
Ms 58



DN | 2.7 mm



0 - 35 bar



NBR



AISI303

Stainless Steel

AISI316

Stainless Steel

2 STAGE

SERIE 021



Brass
Ms 58



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 Serie

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 | 7.8 mm



 | 0 - 30 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 121

2 STAGE  AISI316
Stainless Steel

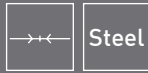


DN | 12 mm

 | 0 - 150 bar  | NBR

 | Brass
Ms 58

SERIE SC-DN6



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

DN | 6 mm





 | 0 - 15 bar

 | NBR

 | AISI303
Stainless Steel | Swivel

SERIE SC-DN8



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

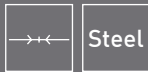
DN | 8 mm

 | 0 - 15 bar

 | NBR

 | AISI303
Stainless Steel | Swivel

SERIE SC-DN11



- ISO 6150B 
- ISO 6150C 

DN | 11 mm

 | 0 - 15 bar

 | NBR

 | AISI303
Stainless Steel

SERIE SC-DN19



- ISO 6150C 

DN | 19 mm

 | 0 - 15 bar

 | NBR

SERIE SV-DN6

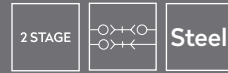


DN | 6 mm

0 - 25 bar | NBR



SERIE SV-DN8

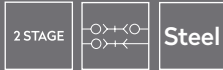


DN | 8 mm

0 - 25 bar | NBR



SERIE SV-DN11

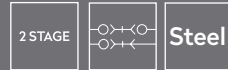


DN | 11 mm

0 - 25 bar | NBR



SERIE SV-DN19



DN | 19 mm

0 - 25 bar | NBR



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

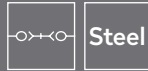


0 - 250 bar



NBR

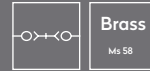
SERIE 085



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

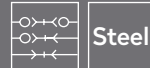


DN | 4 mm - 6 mm - 8 mm - 12 mm - 16 mm
20 mm - 24 mm - 32 mm

0 - 450 bar | NBR

✓ | Brass
Ms 58 | AISI303
Stainless Steel | AISI316
Stainless Steel | E1 | 2 STAGE

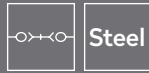
SERIE 219



DN | 12 mm - 19 mm

0 - 20 bar | FFKM

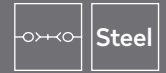
SERIE 054



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

| 0 - 450 bar | NBR

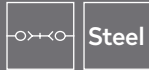
SERIE 075



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

| 0 - 500 bar | NBR

SERIE 126

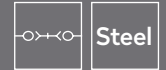


DN | 8 mm - 12 mm - 20 mm - 25 mm - 33 mm

| 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

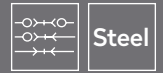


DN | 4 mm - 6 mm - 7 mm - 9 mm - 12 mm
19 mm - 25 mm - 32 mm - 50 mm

| 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

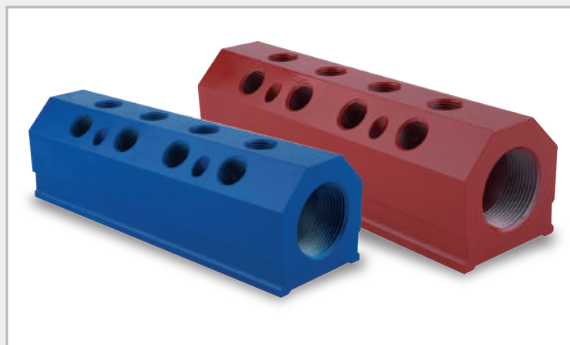
3/4" - 1"

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



DN | 9 mm

| 0 - 16 bar

| FPM

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

SERIE 101M



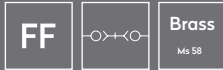
DN | 6 mm - 9 mm - 12 mm - 16 mm

| 0 - 16 bar

| FPM

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

SERIE 150M



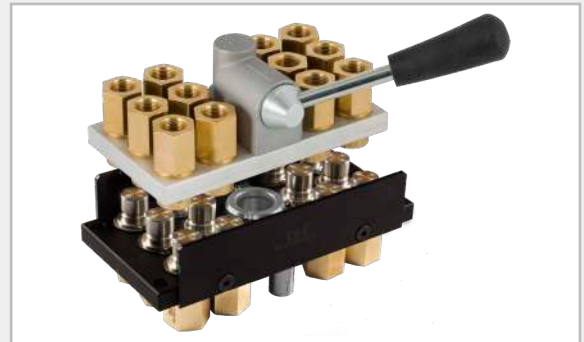
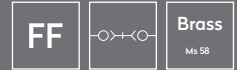
DN | 9 mm - 12 mm

| 0 - 16 bar

| FPM

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

SERIE 152M



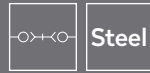
DN | 10 mm - 12 mm

| 0 - 16 bar

| FPM

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

SERIE 108M

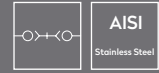


DN | 8 mm - 10 mm (SERIE 108 - HF)

| 0 - 200 bar | FPM

| 1 - 2 - 3 - 4 - 5

SERIE 115M

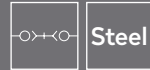


DN | 3 mm - 5 mm

| 0 - 100 bar | FPM

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

SERIE 208M

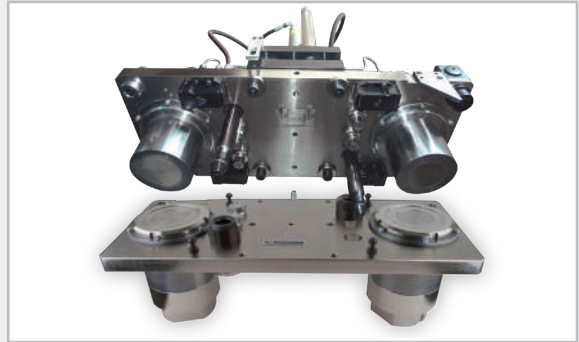


DN | 8 mm - 10 mm

| 0 - 200 bar | FPM

| 1 - 2 - 3

SERIE SPECIAL



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

SERIE HKT-DKT

Brass
M5 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
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

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

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