

QUICK COUPLINGS

WATER/ HYDRAULIC/ PNEUMATIC



tst[®]

SMART SOLUTIONS FOR INDUSTRIAL CONNECTIONS

www.tst-tamsan.com



QUICK COUPLINGS

WATER/ HYDRAULIC/ PNEUMATIC



tst[®]

QUICK COUPLINGS

COMPANY

Founded in 1989, TAMSAN now has a production facility that occupies over 11.000 sq m. Tamsan's broad range of products are designed, manufactured and developed under the same roof in order to meet the emerging needs of Tamsan's worldwide customers.

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

The latest technologies are utilized to manufacture and assembly the wide range of Tamsan products in order to achieve the "Zero Defect" and "100% Delivery Performance" criteria.

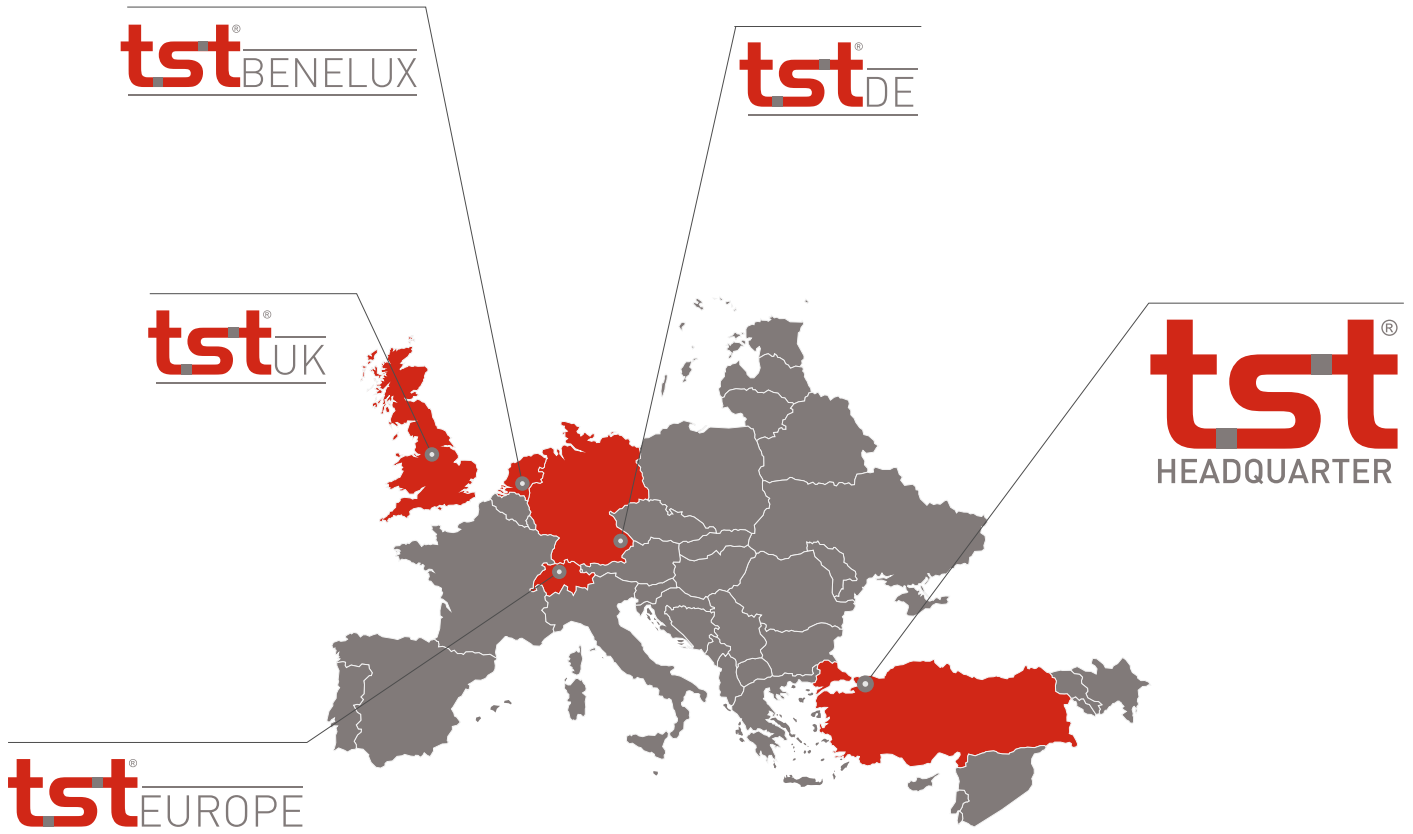
Tamsan's export sales has reached to 85% of its total sales and Tamsan expanded to countries throughout Europe and Worldwide.



TAMSAN BAĞLANTI ELEMANLARI A.Ş.



WORLDWIDE LOCATIONS



> 25
Years of Experience

> 10000
Variety of Products

> 120
Worldwide
Business Partners

ICON INDEX

ICONS RELATED WITH APPLICATION AREA



The pressure ranges 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.

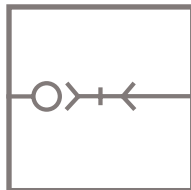


Is the actual diameter which fluid passes through. TST is capable of manufacturing products with nominal diameter of DN 2,7 mm's up to DN 75 mm's.

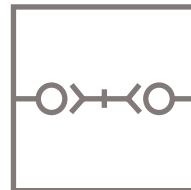
FLOW SYMBOLS



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



FKM : -26°C to + 200°C
 NBR : -40°C to + 105°C
 EPDM : -50°C to + 120°C
 HT : -26°C to + 200°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 special 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



SERIE 6-9-16



Brass
Ms 58



DN | 6 mm - 9 mm - 16 mm

| 0 - 20 bar

| FPM

| E1 E2

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 100



Brass
Ms 58



DN | 6 mm - 8 mm - 12 mm



0 - 10 bar



NBR

SERIE 099



Brass
Ms 58



DN | 9 mm - 12 mm - 16 mm - 20 mm - 25 mm



0 - 16 bar



FPM



AISI303
Stainless Steel

SERIE 106



Brass
Ms 58



DN | 25 mm - 33 mm - 50 mm

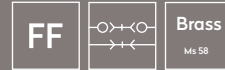


0 - 10 bar



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

SERIE 019



Steel



DN | 6 mm



0 - 35 bar



NBR



AISI303
Stainless Steel

AISI316
Stainless Steel

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



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

SERIE 025



Steel



DN

7.8 mm



0 - 35 bar



NBR



AISI303
Stainless Steel

AISI316
Stainless Steel

2 STAGE

FF

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 121

2 STAGE  AISI316
Stainless Steel




DN | 12 mm

 | 0 - 150 bar  | NBR



 | Brass
Ms 58

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



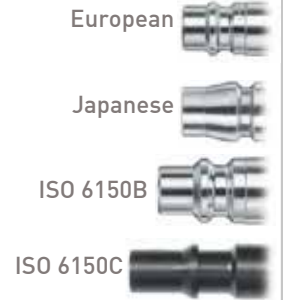
DN | 6 mm

| 0 - 15 bar

| NBR

| AISI316 Stainless Steel Swivel

SERIE SC-DN8



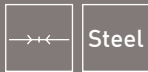
DN | 8 mm

| 0 - 15 bar

| NBR

| AISI316 Stainless Steel Swivel

SERIE SC-DN11



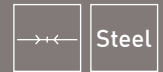
DN | 11 mm

| 0 - 15 bar

| NBR

| AISI316 Stainless Steel

SERIE SC-DN19



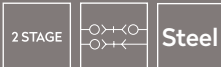
DN | 19 mm

| 0 - 15 bar

| NBR



SERIE SV-DN6

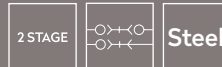


DN | 6 mm

0 - 25 bar | NBR

✓ | AISI316 Stainless Steel

SERIE SV-DN8

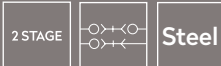


DN | 8 mm

0 - 25 bar | NBR

✓ | AISI316 Stainless Steel

SERIE SV-DN11

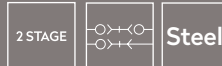


DN | 11 mm

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



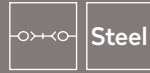
0 - 250 bar



NBR



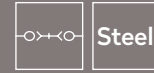
SERIE 085



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

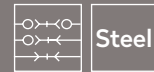


DN | 4 mm - 6 mm - 8 mm - 12 mm - 16 mm
20 mm - 24 mm - 32 mm

0 - 450 bar | NBR

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

SERIE 219

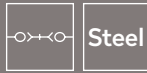


DN | 12 mm - 19 mm

0 - 20 bar | FFKM



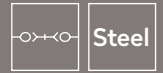
SERIE 054



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

| 0 - 450 bar | NBR

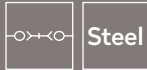
SERIE 075



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

| 0 - 500 bar | NBR

SERIE 126

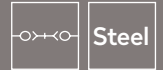


DN | 8 mm - 12 mm - 20 mm - 25 mm - 33 mm

| 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 - 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"



Al
Aluminium

SERIE 117KA

Al
Aluminium



IN | 3/4" - 1"

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

SERIE 117AK

Al
Aluminium



IN | 3/4" - 1" - 1 1/2" - 2"

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

SERIE 117RK

Brass
Ms 58



IN | 1/2"

OUT | 1/2"





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



Brass
Ms 58



DN | 9 mm - 12 mm

 | 0 - 16 bar  | FPM

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



SERIE 152M




Brass
Ms 58




DN | 10 mm - 12 mm

 | 0 - 16 bar  | FPM

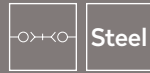
 | 3 - 4 - 5 - 6 - 8 - 10 - 12

SERIE SPECIAL



 | TST is capable of designing custom multicouplings for special applications



SERIE 108M




Steel

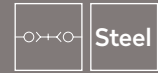


DN | 8 mm - 10 mm (SERIE 108 - HF)

 | 0 - 200 bar  | FPM

 | 1 - 2 - 3 - 4 - 5



SERIE 208M



Steel

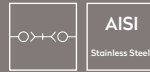


DN | 8 mm - 10 mm

 | 0 - 200 bar  | FPM

 | 1 - 2 - 3



SERIE 115M




AISI
Stainless Steel




DN | 3 mm - 5 mm

 | 0 - 100 bar  | FPM

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

SERIE SPECIAL



 | TST is capable of designing and manufacturing custom water/hydraulic/pneumatic circuits with electrical connectors for special applications.



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



0 - 12 bar



1/4"



SERIE PLOK



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

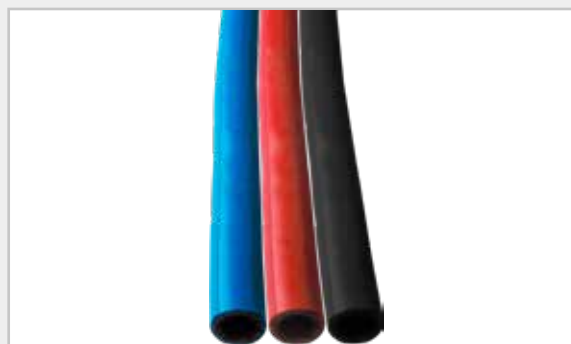


0 - 28 bar



0 - 90 °C

SERIE WHMLOK



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



0 - 28 bar



0 - 140 °C

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 - 11 x 16 mm



0 - 10 bar



2 m up to 10 m

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