QUICK COUPLINGS

WATER/ HYDRAULIC/ PNEUMATIC



tst®

SMART SOLUTIONS FOR INDUSTRIAL CONNECTIONS

www.tst-tamsan.com

SMART SOLUTIONS FOR INDUSTRIAL CONNECTIONS

QUICK COUPLINGS

WATER/ HYDRAULIC/ PNEUMATIC

MADE IN Türkiye

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.

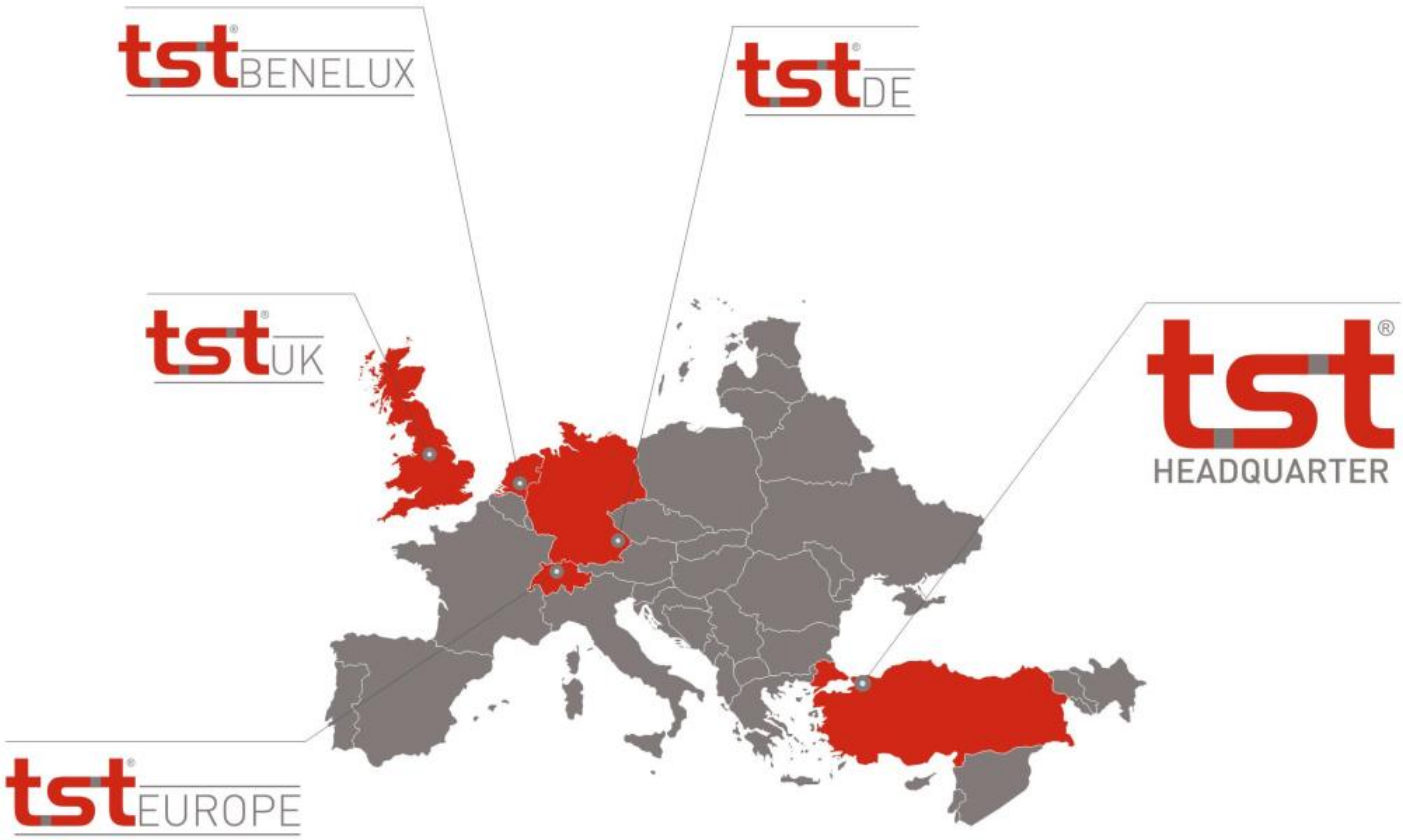
Tamsan's export sales has reached to 85% of its total sales and Tamsan expanded to countries throughout Europe and Worlwide.



TAMSAN BAĞLANTI ELEMANLARI A.Ş.



WORLDWIDE LOCATIONS



tst INTERNATIONAL

>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.

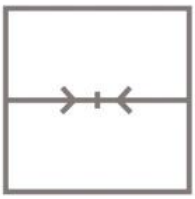


Temperature range of our products vary according to the sealing components chosen. Most common sealing types are listed below. For custom requirements, please contact us.

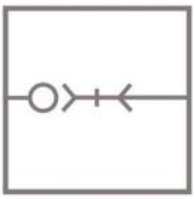
DN

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

Brass
Ms 58

Al
Aluminium

Steel

AISI303
Stainless Steel

AISI316
Stainless Steel

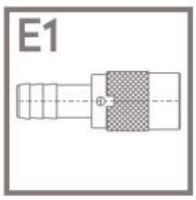
AISI420
Stainless Steel

SEALING OPTIONS

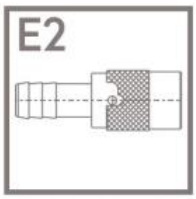


FPM : -26°C to + 180°C
NBR : -40°C to + 105°C
EPDM : -50°C to + 120°C
HT : -26°C to + 240°C
FFKM : -15°C to + 315°C

SECURITY ICONS



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



This is an upgraded version of E1.



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 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



Flat face



Special design of the valve for high pressure



The number of input and outputs in multicoupling systems



Thread size



Connection under pressure



360 °C rotation of the back part



Length



Input thread size



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 | 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 | AISI316

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 | 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

SERIE 106

Brass Ms 58



DN | 25 mm - 33 mm - 50 mm

0 - 10 bar | NBR

SERIE 271

FF | Brass Ms 58



DN | 4 mm - 6 mm - 9 mm - 14 mm - 19 mm

0 - 20 bar | NBR

✓ | AISI316

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 AISI316

SERIE 020

Brass Ms 58



DN | 2.7 mm

0 - 35 bar | NBR

AISI303 AISI316 2 STAGE

SERIE 021

Brass Ms 58



DN | 5 mm

0 - 35 bar | NBR

AISI303 AISI316 2 STAGE FF

SERIE 023

Steel



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

0 - 35 bar | NBR

AISI303 | AISI316 | 2 STAGE

SERIE 025

Steel



DN | 7.8 mm

0 - 35 bar | NBR

AISI303 | AISI316 | 2 STAGE | FF

SERIE 027

Steel



DN | 10 mm

0 - 35 bar | NBR

AISI303 | AISI316 | 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

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

Steel



ARO 210
ISO 6150B
ISO 6150C
Spanish
British

DN | 6 mm

0 - 15 bar | NBR

AISI316 | Swivel

SERIE SC-DN8

Steel



European
Japanese
ISO 6150B
ISO 6150C

DN | 8 mm

0 - 15 bar | NBR

AISI316 | Swivel

SERIE SC-DN11

Steel



ISO 6150B
ISO 6150C

DN | 11 mm

0 - 15 bar | NBR

AISI316

SERIE SC-DN19

Steel





ISO 6150C

DN | 19 mm

0 - 15 bar | NBR

SERIE SV-DN6

2 STAGE | Steel



DN | 6 mm

0 - 25 bar | NBR

AISI316

SERIE SV-DN8

2 STAGE | Steel



DN | 8 mm

0 - 25 bar | NBR

AISI316

SERIE SV-DN11

2 STAGE | Steel



DN | 11 mm

0 - 25 bar | NBR

AISI316

SERIE SV-DN19

2 STAGE | Steel



DN | 19 mm

0 - 25 bar | NBR

AISI316

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 | AISI303 | AISI316 | E1

SERIE 076

Steel



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

0 - 350 bar | NBR

AISI303 | AISI316

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

Steel



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

0 - 450 bar | NBR

✓ | AISI316 | 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 | AISI303 | AISI316 | E1 | 2 STAGE

SERIE 219

Steel



DN | 12 mm - 19 mm

0 - 20 bar | FFKM

SERIE 054

Steel



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

0 - 450 bar | NBR

SERIE 075

Steel



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

0 - 500 bar | NBR

SERIE 126

Steel



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

0 - 500 bar | FPM

✓ | PD | HP

SERIE 169

Steel



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 | PD

SERIE 103

FF | Steel



DN | 8 mm - 11 mm - 12 mm

0 - 450 bar | FPM

E1 | PD

SERIE 104

FF | AISI



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 | AISI316 | 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



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

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 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.

tst QUICK COUPLINGS

MOLD COOLING ITEMS

SERIE HKT-DKT

Brass Ms 58



Ø | 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 Ms 58



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

L | 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 | AISI316

HOSE FITTINGS

Brass Ms 58



6 mm - 8 mm - 10 mm - 12 mm - 13mm
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



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

0 - 28 bar

0 - 90 °C

SERIE HLOK



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

0 - 28 bar

0 - 130 °C

SERIE PHC



Ø | 6.5 x 10 - 8 x 12 - 11 x 16 mm

0 - 10 bar

L | 2 m up to 10 m

SERIE HOSE REEL



Ø | 6.5 x 10 - 8 x 12 - 11 x 16 mm

0 - 10 bar

L | 2 m up to 10 m

TAMSAN BAĞLANTI ELEMANLARI A.Ş.

GEPOSB Gebze / Kocaeli TURKİYE
Factory Tel: +90 262 751 20 44
Fax: +90 262 751 30 44
info@tst-tamsan.com

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

www.tst-tamsan.com

WATER/ HYDRAULIC/ PNEUMATIC

TST - TAMSAN UK LTD

Cedar House,
Anglian Road Aldridge,
West Midlands - WS9 8EP
UNITED KINGDOM
Tel: +44 1922 451837
Fax: +44 1922 456835
tst.uk@tst-tamsan.com
www.tst-tamsan.com

TST - EUROPE AG

Mettlenstrasse 6 CH-8427
Seuzach
SWITZERLAND
Tel +41 52 335 40 00
Fax +41 52 335 40 01
info@tst-europe.com

www.tst-europe.com

TST BENELUX B.V.

Everdenberg 71 4902 TT
Oosterhout
NETHERLANDS
Tel: +31 85 009 03 86
Fax: +31 85 111 01 63
info@tstbenelux.com

www.tstbenelux.com

TST DE GmbH

Hauptstrasse 13 94518
Spiegelau
GERMANY
Tel: +49 8553 97 98 223
Fax: +49 8553 97 85 229
info@tst-de.com

www.tst-europe.com

tst®

QUICK COUPLINGS