

QUICK COUPLINGS

WATER / HYDRAULIC / PNEUMATIC



tst[®] | **30** YEARS

SMART SOLUTIONS FOR INDUSTRIAL CONNECTIONS



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QUICK COUPLINGS

WATER / HYDRAULIC / PNEUMATIC

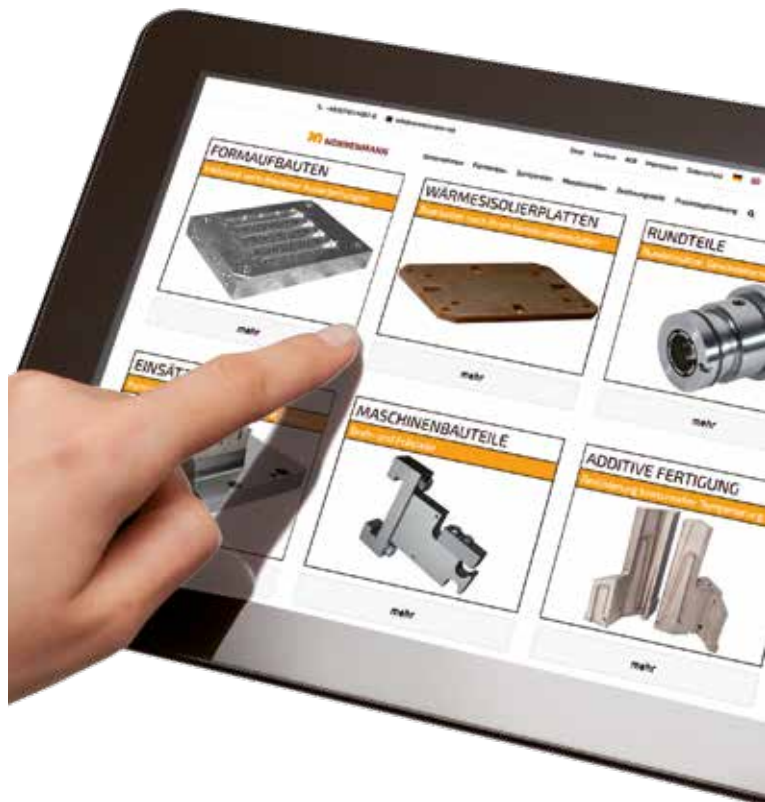
Registered to
ISO / TS 16949

Registered to
ISO 9001:2008



Wir haben es für Sie im Blick

„Wir haben es für Sie im Blick“ heißt für uns, nur Produkte und Dienstleistungen anzubieten, die qualitativ hochwertig sind. Die langjährige Erfahrung unserer Mitarbeiter und die kontinuierliche Zusammenarbeit mit unseren Kunden und Partnern beeinflusst dabei das Produktangebot maßgeblich. Im Mittelpunkt unseres Wirkens steht eine konsequente Kundenorientierung, um eine langfristige Kundenbindung und Kundenzufriedenheit zu erreichen.



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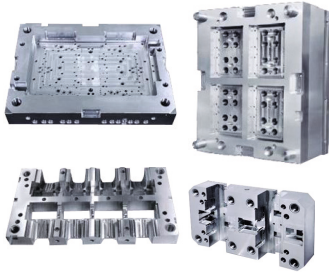
Unsere Möglichkeiten für Sie:



FORM-

AUFBAUTEN

In höchster Präzision
und Top-Qualität



SONDER-

TEILE

Nach Zeichnungen und
3D-Daten



ADDITIVE

FERTIGUNG

Metall 3D-Druck für den
Werkzeug-/Formenbau



TECHNISCHE

KERAMIK

Für Hochleistungs-
anwendungen



FÜHRUNGS-

ELEMENTE

In vielen gängigen
Ausführungen



AUSWERFERSTIFTE/ AUSWERFERHÜLSEN

Gehärtet / nitriert /
unnitriert



SCHRAUBEN/ NORMTEILE

Vieles direkt ab Lager lieferbar,
auch mit Logistikkonzept



HEBETECHNIK

Gemäß
EG-Richtlinien



tst KUPPLUNGS-

TECHNIK

In vielen mischverbau-
baren Abmessungen



SCHLÄUCHE

& ZUBEHÖR

Schläuche für jeden
Aufgabenbereich



DICHTIGKEITS-

PRÜFUNG

Leckagen
erkennen



DURCHFLUSS-

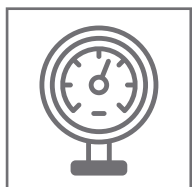
MESSUNG

Parameter-
überwachung



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.

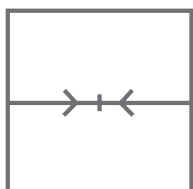


Temperature range of our products vary according to the sealing components chosen. Most common sealing types are listed below. For custom requirements, please contact us.

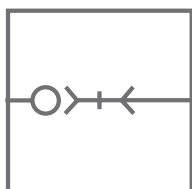


Is the actual diameter which fluid passes through. TST is capable of manufacturing products with nominal diameter of DN 2,7 mm's up to DN 75 mm's.

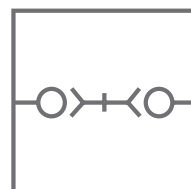
FLOW SYMBOLS



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



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

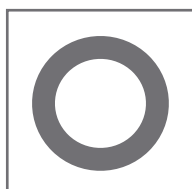


**DOUBLE
SHUT OFF**
(Both Sides are
With Valve)

MATERIAL ICONS

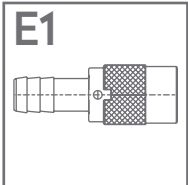


SEALING OPTIONS



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

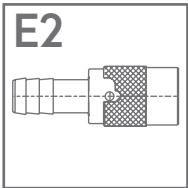
SECURITY ICONS



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

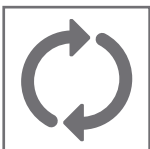
360 °C rotation of the back part

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
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

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



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

SERIE SV-DN6

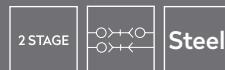


DN | 6 mm

| 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



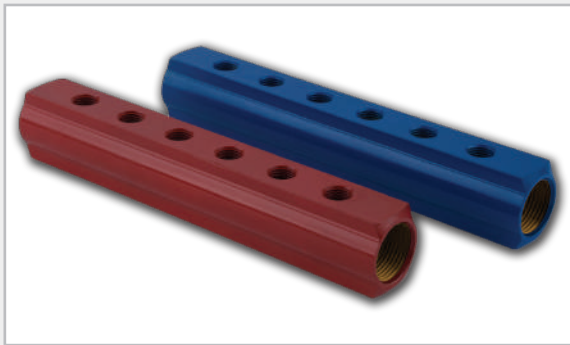
0 - 140 bar



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



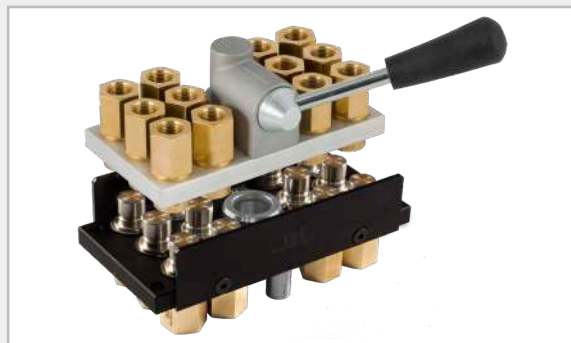
3 - 4 - 5 - 6 - 8 - 10 - 12

SERIE 152M

FF



Brass
Ms 58



DN

10 mm - 12 mm



0 - 16 bar

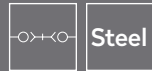


FPM



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

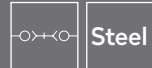


DN | 3 mm - 5 mm

 | 0 - 100 bar  | FPM

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

SERIE 208M

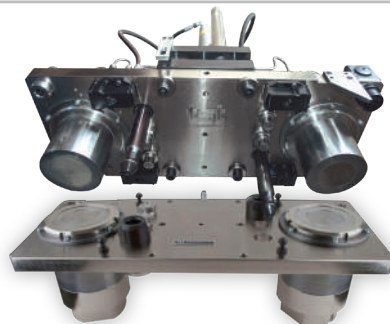


DN | 8 mm - 10 mm

 | 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"



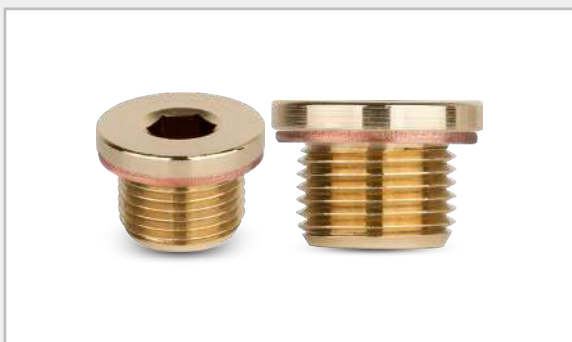
50 mm up to 500 mm



0 - 40 bar

SERIE KFR

Brass
Ms 58



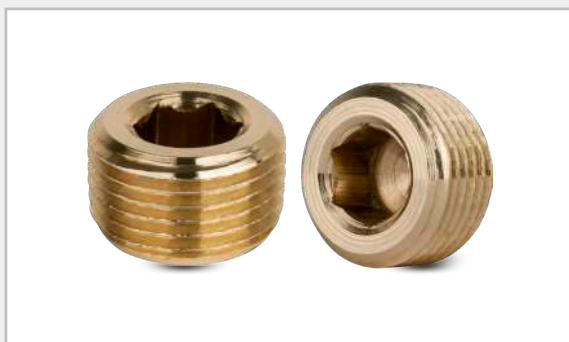
1/16" - 1/8" - 1/4" - 3/8" - 1/2" - 3/4" - 1"



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
AISI316
Stainless Steel
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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