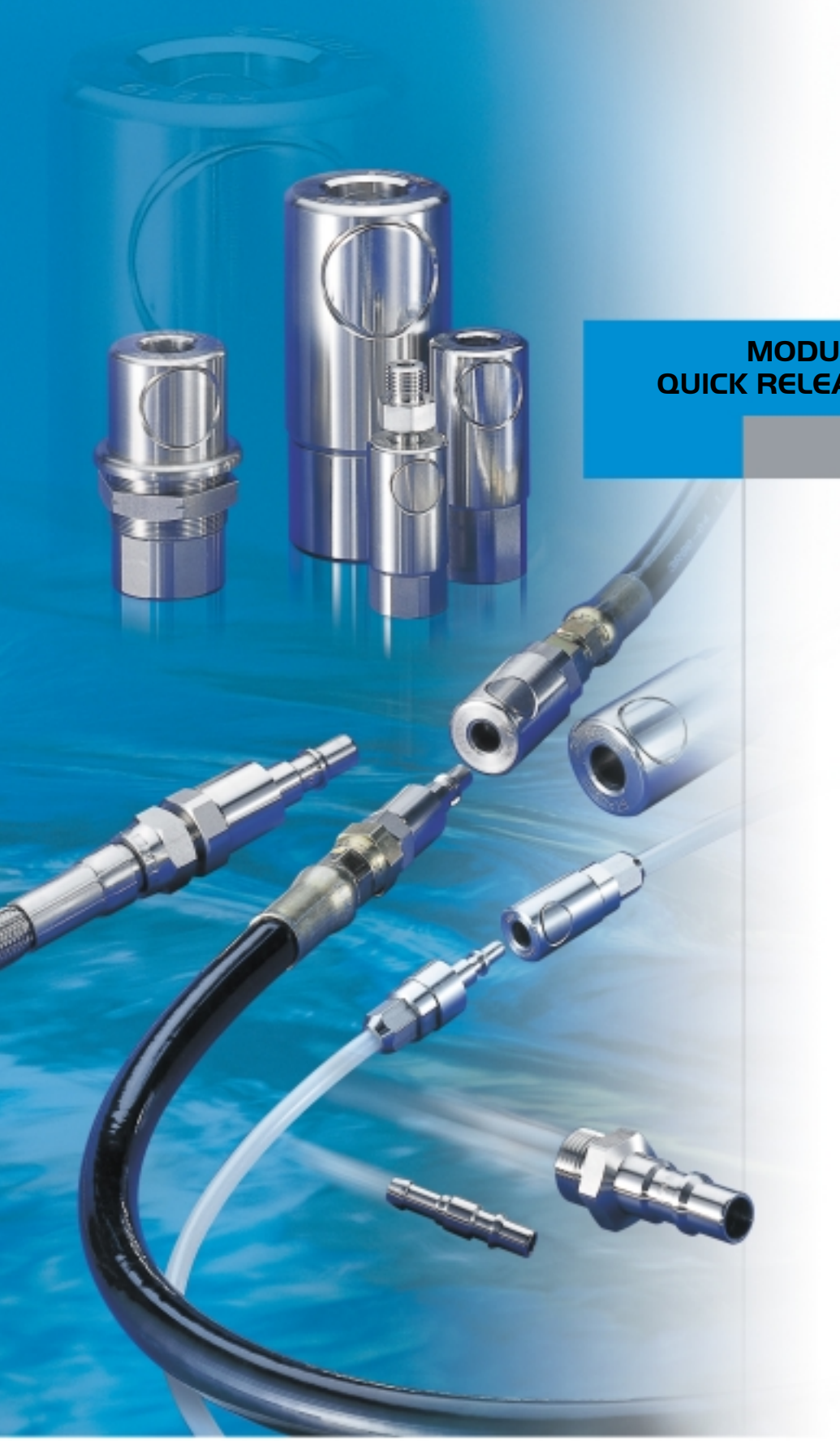


CONNECTORS

THE CONNECTION SOLUTION

MODULAR RANGE OF QUICK RELEASE COUPLINGS RBE

ALL FLUIDS

A solution for each of your applications

Designed for applications in all industrial sectors and research and development for the connection of your circuits of:

- gases : hydrogen, argon, nitrogen, helium, etc...,
- steam,
- solvants and acids,
- liquids,
- high pressures,
- vacuum...

The RBE ALL FLUID range offers you a product range which is :

- A modular design
- Reliable
- Quick and Automatic
- Efficient
- Safe
- Leak tight

STÄUBLI

RBE ALL FLUID

gases
liquids
steam
solvants
high pressures
vacuum

Modular Design

The RBE ALL FLUID range is entirely modular and very complete, offering the choice of :

- 5 sizes of coupling,
- 3 material options,
- 7 seal options,
- 3 shut-off options,
- various further options.

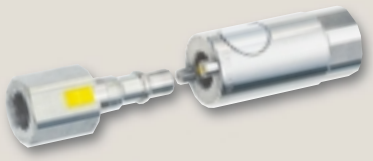
It makes it possible for you to select the quick release coupling suited to your application and appropriate to the fluid :

- type of fluids,
- pressure,
- temperature

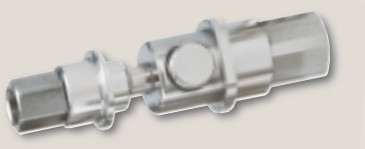
and flow.



To respond to specific requirements of certain industries, the RBE range also includes quick release couplings for:



▪ **Heavy Steel Industry applications** using oxygen, fuel gas and inert gas (RBE 11 / UR version : see catalogue C 110),



▪ **Nuclear Industry applications** (RBE / IC / TL version : see catalogue G 100).

Proven reliability

The particular technology of the STÄUBLI range of couplings gives a long service life at a low operating cost.

Quick and Automatic

Connection and Disconnection is a one-handed operation :

▪ connection by pushing the plug into the socket.

▪ disconnection by simply pushing the push button.

Efficient

The RBE ALL FLUID range of couplings offers a very good flow for a given size of coupling.

Safety

Thanks to the coupling design, the quality of materials used and the appropriate seals for each fluid.

Safety is a particularly important criterion for gas and corrosive fluid circuits.

STÄUBLI long life seal tightness

proven after over 40 years of use in industrial connection of fluids and gases.

We suggest you select the suitable quick release coupling yourself which best serves your needs...

5 steps to construct your required quick release coupling...

Page 4

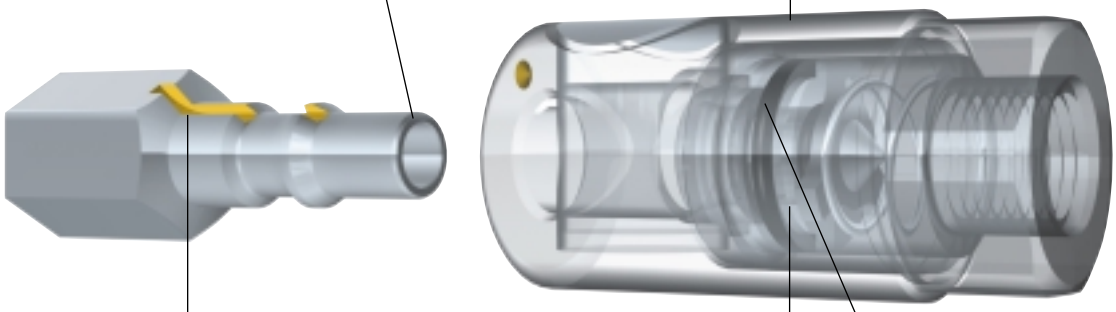
1 DIAMETER

- 03
- 06
- 08
- 11
- 19

Page 5

2 MATERIALS USED

- Low and medium pressure
- High pressure
- Primary vacuum



Pages 8-9

5 The OPTIONS

- Safety keys
- Colour discs for panel mount
- Raised push button
- Safety button
- Protection against ingress of dirt
- Fixing of dust caps

Page 7

4 SHUT OFFS

- Single
- Double
- Unvalved

Page 6

3 SEALS

- Nitrile
- Fluorocarbon
- Ethylene-propylene
- Perfluoroelastomer
- Fluorosilicone
- Chloroprene
- PTFE

1

Nominal Bore

5 sizes of coupling : 3, 6, 8, 11, 19 mm.



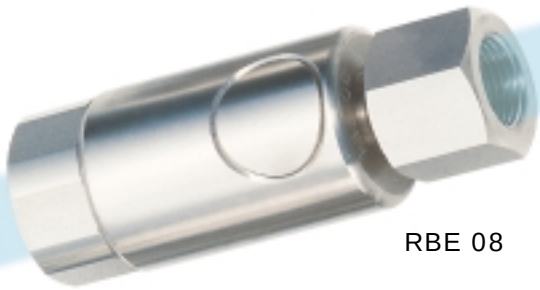
RBE 03



RBE 06

RBE	03	06	08	11	19
Pneumatic flow at 6 bar in Nm^3 / h for a pressure drop of 0.3 bar					
Single shut off	11.2	32	72	150	430
Double shut off	6.2	19	46	92	245
Unvalved	13	45	110	245	660
Hydraulic flow in l / min for a speed of 5 m / s					
Single shut off	2.1	7.2	15.1	28.5	85
Double shut off	1.5	5	12.2	24.5	76.5
Unvalved	2.1	7.2	15.1	28.5	85

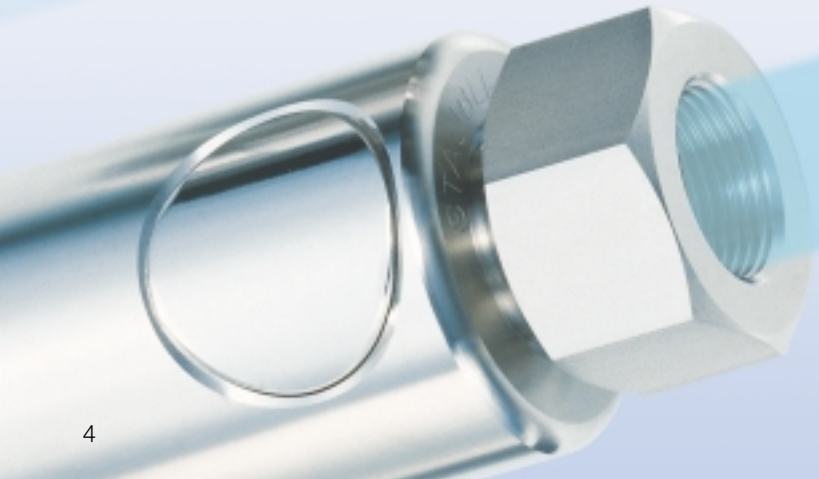
See flow chart pages 10 / 11.



RBE 08



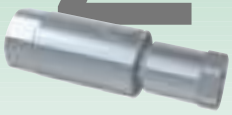
RBE 11



RBE 19

Materials used

2



The choice of materials depends on :

- the fluid being transfered,
- the max. operating pressure and
- the external environment.

Low and medium pressure

Various gases, oils, hydrocarbons…

Maximum working pressure : 50 bar

Standard Series :
Largely stainless steel with 17% chrome content.
Coupling back adaptor :
anti-corrosion treated steel.

standard

Air, water,oil…

Maximum working pressure : 50 bar

IA Series :
Largely stainless steel with 17% chrome content.

code IA

Various corrosive gases, sea water, large number of chemical products in a corrosive environment.

Maximum working pressure : 15 bar

IC Series :
AISI 316L stainless steel.

code IC

High Pressure

High pressure liquids and gases, compressed air,
without any particular anti-corrosion resistance.

IA / HP Series :
Stainless steel with 17% chrome content and AISI 316L stainless steel

code IA / HP

High pressure liquids and gases, compressed air,
with demanding resistance to corrosion requirements or decontamination.

IC / HPI Series :
AISI 316L stainless steel
Plug body and push button :
high resistance stainless steel

code IC / HPI / VD (socket)
code IC / HPI (plug)

Vacuum

Recommended for primary vacuum to 10^{-3} torr and for all applications demanding high integrity leak tightness.

Vacuum tightness : 1.10^{-3} cm^3 / s.
in connected and disconnected position.

Please consult us for more demanding applications.

IA / W and IC Series :
internal components :
AISI 316L stainless steel

code IA / W or **code IC ***

* Code IC for corrosive environment

For optimal functioning, it is essential to use sockets and plugs of the same materials.

MATERIALS USED

Socket	Unvalved plug	Valved plug
standard	standard	standard or IA
IA	standard	IA
IC	IC	IC
IA / HP	standard	IA / HP
IC / HPI / VD	IC / HPI	IC / HPI
IA / W	standard	IA / W

For hydraulic clean break applications, use our SPX couplings (see Catalogue F 125).

For pulsating hydraulic oil circuits or circuits subject to vibration, use our HPX quick release couplings (see Catalogue F 150).

3



Seals

The choice of seal material depends on :
- the fluid being transfered and
- the working temperature

- Usual applications.
- Good mechanical resistance.

Nitrile rubber (NBR) Seals

Operating temperature :
-15°C to + 100°C

standard

- Good chemical resistance.
- Excellent resistance to high temperatures up to 200°C.
- Resistance to mineral oils, to synthetic hydraulic oils, to fuels, to chemical products, to hydrocarbons and to heat transfer fluids.

Fluorocarbon (FPM) Seals

Operating temperature :
-10°C to + 200°C

code JV

- Good resistance to high temperatures.
- Compatible with braking fluids with a phosphate – ester base, hot or cold water, steam.

Ethylene – Propylene (EPDM) Seals

Operating temperature :
-20°C to + 150°C

Hot water, steam to 200°C.

code JE

- Combines qualities of elastomers with chemical resistance of PTFE.
- Remarkable resistance to heat and to most chemical agents including inorganic and organic acids.
- Heat transfer fluids.

Perfluoroelastomer (FFKM) Seals

Operating temperature :
0 to + 250°C

code JK

- Good resistance to low and high temperatures.
- Resistance to mineral oils and fuels.

Fluorosilicon (FMQ) Seals

Operating temperature :
-50°C to + 175°C

Max. operating pressure : 50 bar.

code JS3

Good resistance to ageing and to refrigerating fluids.

Chloroprene (CR) Seals

Operating temperature :
-40°C to + 100°C

code JC

- Excellent chemical resistance.
- Good resistance to low and high temperatures.
- Superior performance to elastomers.

PTFE Seals

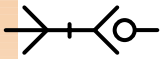
Operating temperature :
-50°C to + 200°C

code IA / JT or code IC / JT

In order to define the most suitable solution for your application, we ask you to supply us with the following details :
- type of fluid,
- pressure,
- temperature,
- concentration of salts and acids in water based fluids,
- particular operating conditions...

Do not hesitate to ask our Technical Sales Engineer to advise you. We place all our specialist quick release coupling knowledge at your disposal.

Single shut-off

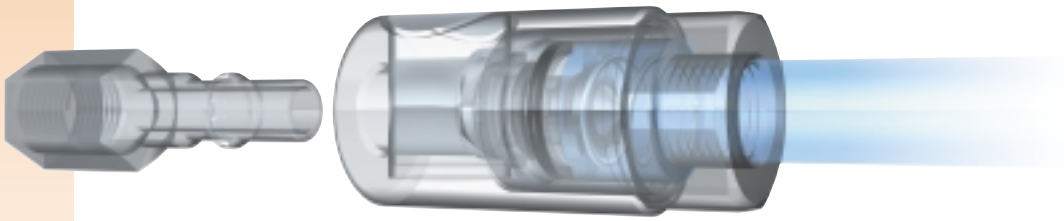


- Non aggressive fluids,
- Non polluting fluids,
- Non toxic gases,
- Applications which require decompression of down-stream hose…

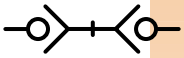
• Socket with automatic shut-off

• Unvalved plug

Socket : **standard**
Plug : **unvalved**



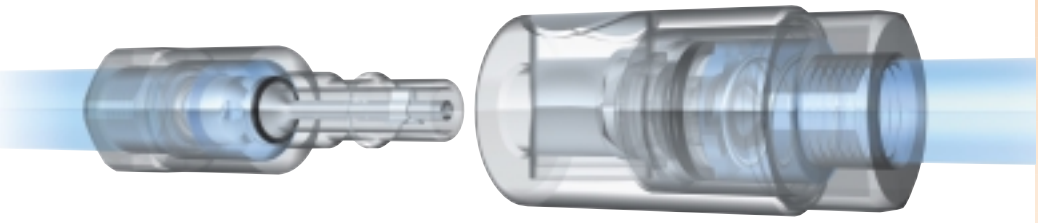
Double shut-off



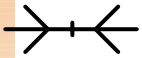
- Oil circuits,
- Hydraulic circuits,
- Gases or dangerous / aggressive / polluting fluids,
- To minimise fluid spillage…

• Socket and plug with automatic shut-off

Socket : **code OD**
Plug : **with shut-off valve**



Unvalved

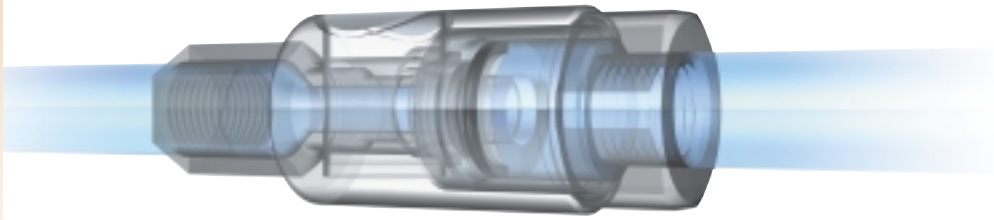


- Same uses as the “single shut-off” version,
- Better flow for a given bore.

Recommended for :
- fluids carrying particles,
- dirty water or chalky water,
- untreated water…

• Socket and plug unvalved

Socket : **code OS**
Plug : **unvalved**



5

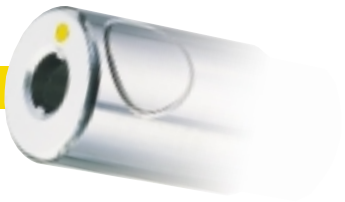
Options

7 safety keys

preventing any errors of connection between various gases and fluids and permitting a clear identification of circuits.

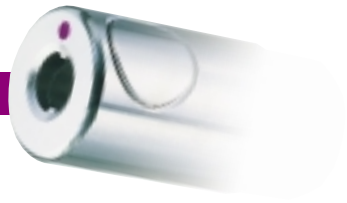
Yellow 180°
Code 0





Violet 165°
Code 15 *



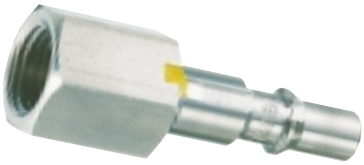


Mechanical safety :

2 slots are machined into the plug to give a keyway which corresponds with the 2 lugs on the socket.

Visual identification by :

- colour coding on plug and socket.





Red 150°
Code 3





Green 135°
Code 45



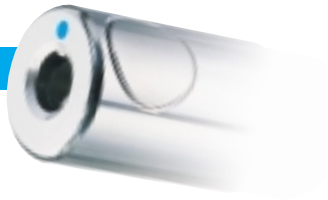


- coloured anodised facing disc for panel mounted sockets (except IC series).



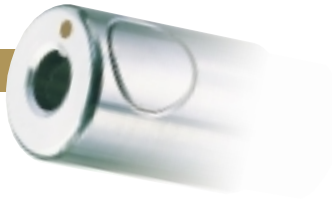
Blue 120°
Code 6



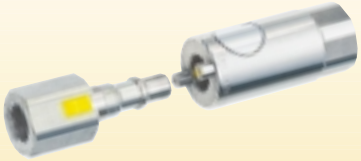


Brown 105°
Code 75 *





For **heavy steel industry applications on gases**, we offer the **RBE 11 / UR safety lock coupling range with stud safety keys** : See Catalogue C 110.



Black 90°
Code 9





* Codes 15 and 75 are not available on all diameters : see pages 12, 16, 20, 24 and 28.



Colour disc for built-in sockets

for immediate visual identification of circuits

yellow	code DKJ	blue	code DKB
violet *	code DKW	brown *	code DKM
red	code DKR	black	code DKN
green	code DKV		

* Violet and brown are not available on all diameters : see pages 12, 16, 20, 24 and 28.



Protection against dirt ingress
code VD / PP

In connected position, the Chloroprene (CR) protector protects the functional components of the sockets against dirt and other external pollutants.

It must be combined with a VD push button.

Operating temperatures : -20°C to + 90°C.

Not available for RBE03.



Raised push button
code VD

Recommended for frequent connection / disconnection or use when wearing safety gloves.



Safety button
code VS

(standard and IA series)

To disconnect it is necessary to :
1. push back safety slider
2. push button



Fixing device for socket dust cap
code FB

Dust caps to be ordered separately : see pages 15, 19, 23, 27 and 31.

Connection

The RBE ALL FLUID range comprises numerous connection possibilities (see part number pages).

Female threading 	**For rubber hose** 	**For annealed or cold drawn copper tube** 
Male threading 	**For plastic tube** (Rilsan, PTFE…) 	**For stainless steel drawn and calibrated tube** 

Male threads are supplied with :
- 60 degree sealing cone on IA and IC series sockets and all valved plugs.

Consult us regarding KES sealing kit (retaining ring and O ring seal).

Technical characteristics



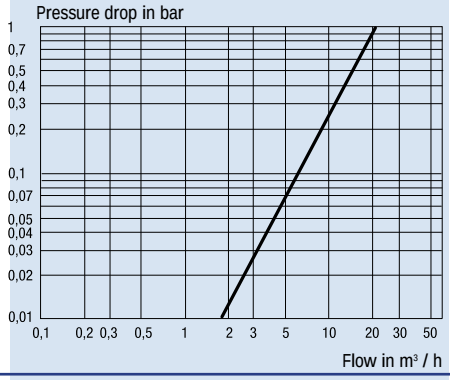


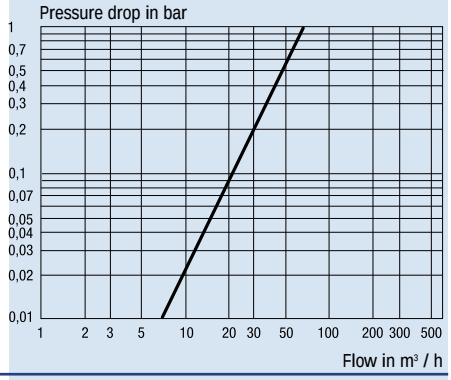
	RBE 03 PART NUMBERS PAGES 13 to 15							RBE 06 PART NUMBERS PAGES 17 to 19						
Nominal bore (mm)	3							5,5						
Cross section (mm^2)	7							23,75						
RBE series	**standard**		**IA**		**IC**	**HP and HPI**	**W**	**standard**		**IA**		**IC**	**HP and HPI**	**W**
Working pressure (bar)	50	16 (1)	50	16 (1)	15 (2)	400	10^{-3} torr	50	16 (1)	50	16 (1)	15 (2)	450	10^{-3} torr
Method of connection														
• **On inert gas** with a force of 15 daN	50 bar							15 bar						
• **On liquids** with a force of 15 daN	25 bar or at vented pressure							10 bar or at vented pressure						

(1) Connection for rubber hose and installation with ear clamps or worm drive clamps.
(2) Consult us for higher pressures.

Pneumatic flow / pressure drop charts for single shut-off couplings

Direction of flow : from socket to plug
Entry pressure : 6 bar

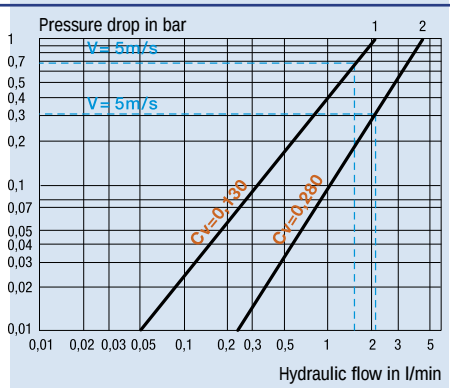


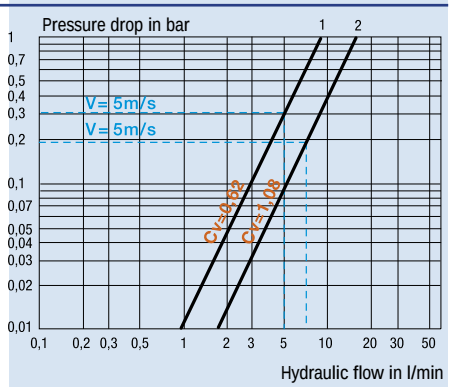


Hydraulic flow / pressure drop charts

1 - Chart for double shut-off coupling (OD Series)
2 - Chart for single shut-off coupling

Direction of flow : from socket to plug
Test conditions :
- Test fluid : water
- RBE 03 - Test fluid : hydraulic oil
INVAROL FJ13 (H515)
Density : 833 kg/m³ to 40°C
Viscosity : 13,4 cSt to 40°C





STÄUBLI







RBE 08
PART NUMBERS PAGES 21 to 23

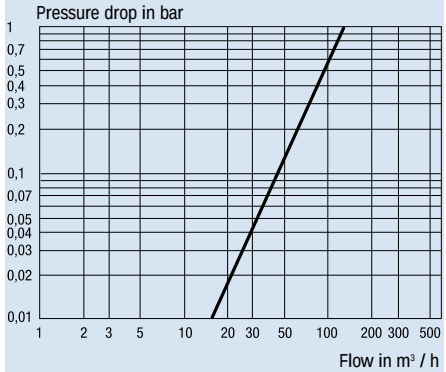
8

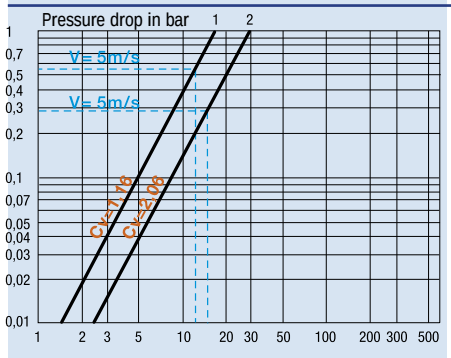
50

standard		IA		IC	HP and HPI	W
50	16 (1)	50	16 (1)	15 (2)	400	10^{-3} torr

10 bar

7 bar or at vented pressure





RBE 11
PART NUMBERS PAGES 25 to 27

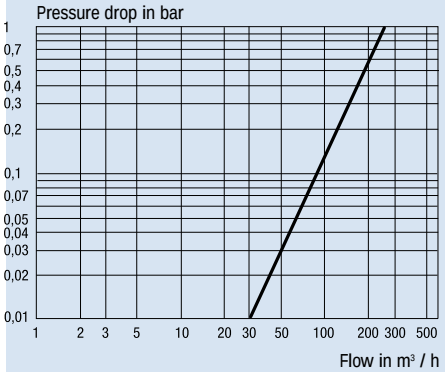
11

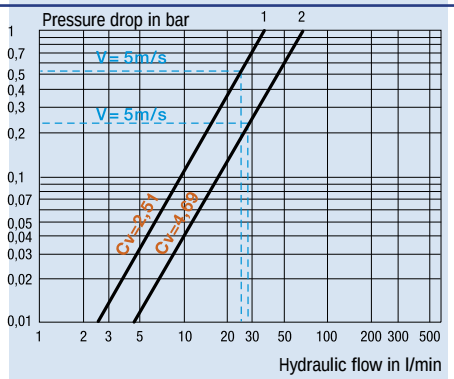
95

standard		IA		IC	HP and HPI	W
50	16 (1)	50	16 (1)	15 (2)	350	10^{-3} torr

8 bar

3 bar or at vented pressure





RBE 19
PART NUMBERS PAGES 29 to 31

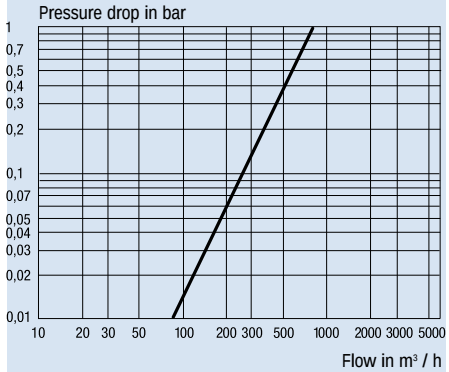
19

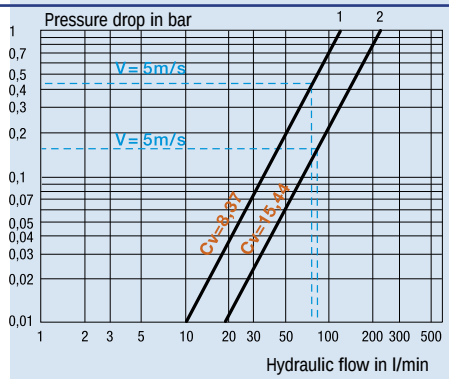
283,5

standard		IA		IC	HP and HPI	W
50	16 (1)	50	16 (1)	15 (2)	300	10^{-3} torr

4 bar

vented pressure





1 Socket standard



Body : stainless steel with 17% chrome content
Seals : in Nitrile (NBR)
Single shut-off
No further options

RBE 03. 1151
See part numbers page 13

examples of "non standard" part numbers with options :
RBE 03.**1**151 / IA / JE / OD / 15 / VD / FB
RBE 03.**2**151 / DKJ

2 Materials used
PAGE 5

Low and medium pressure
IA IC

High pressure
IA / HP
IC / HPI / VD

Primary vacuum
IA / W IC

3 Seals
PAGE 6

JV JE JK
JS3 JC

4 Valving
PAGE 7

OS OD

5 Options
PAGES 8 and 9

Safety keys
0 6
15 75
3 9
45

Colour discs for panel mount
DKJ DKB
DKW DKM
DKR DKN
DKV

Raised push button
VD

Fixing of dust caps
FB

1 Plug standard

Body : stainless steel with 13% chrome content
Seals : Nitrile (NBR)
No further options

2 shut-off options as standard

Unvalved



RBE 03. 6151
See part numbers page 14

example of "non standard" part number with options :
RBE 03.**6**151 / IC / HPI / 15

Valved
(only to be used with OD code on socket)

RBE 03. 7151
See part numbers page 14

example of "non standard" part number with options :
RBE 03.**7**151 / IA / JE / 15



2 Materials used
PAGE 5

Low and medium pressure
IA IC

High pressure
IA / HP
IC / HPI

Primary vacuum
IA / W IC

2 Materials used
PAGE 5

Low and medium pressure
IC

High pressure
IC / HPI

Primary vacuum
IC

3 Seals
PAGE 6

JV JE JK
JS3 JC

5 Options
PAGES 8 and 9

Safety keys
0 6
15 75
3 9
45



SOCKETS



PANEL MOUNTED SOCKETS

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HP/VD	PART NUMBERS
Female thread							
G 1/8	**RBE 03.1100**	✗	✗	✗	✗	✗	**RBE 03.2100**
NPT 1/8	**RBE 03.1200**	✗	✗	✗	✗	✗	**RBE 03.2200**
UN 7/16 - 20*	**RBE 03.1311**		✗	✗	✗	✗	
Male thread							
G 1/8	**RBE 03.1150**	✗	✗	✗	✗	✗	**RBE 03.2150**
G 1/4	**RBE 03.1151**	✗	✗	✗	✗	✗	**RBE 03.2151**
NPT 1/8	**RBE 03.1250**	✗	✗	✗	✗	✗	**RBE 03.2250**
NPT 1/4	**RBE 03.1251**	✗	✗	✗	✗	✗	**RBE 03.2251**
For rubber hose							
Ø 4 mm	**RBE 03.1804**	✗	✗	✗			**RBE 03.2804**
Ø 6 mm	**RBE 03.1806**	✗	✗	✗			**RBE 03.2806**
For plastic tube							
Ø 4/6 mm	**RBE 03.1904**	✗	✗	✗			**RBE 03.2904**
Ø 6/8 mm	**RBE 03.1906**	✗	✗	✗			**RBE 03.2906**
For copper tube							
Ø 4/6 mm	**RBE 03.1704**	✗					**RBE 03.2704**
Ø 6/8 mm	**RBE 03.1706**	✗					**RBE 03.2706**
For stainless steel tube							
Ø 6 mm ext.	**RBE 03.1766**		✗	✗	✗	✗	**RBE 03.2766**
Ø 8 mm ext.	**RBE 03.1768**		✗	✗	✗	✗	**RBE 03.2768**
Ø 1/4" ext.	**RBE 03.1753**		✗	✗	✗	✗	**RBE 03.2753**

* To norm SAE J 1926

STÄUBLI







UNVALVED PLUGS

VALVED PLUGS

delivered with Nitrile (NBR) dust cap

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HPI	PART NUMBERS	END CONNECTION
Female thread								
G 1/8	**RBE 03.6100**	✗		✗		✗		
NPT 1/8	**RBE 03.6200**	✗		✗		✗		
		✗	✗	✗	✗	✗	**RBE 03.7100**	G 1/8
		✗	✗	✗	✗	✗	**RBE 03.7200**	NPT 1/8
			✗	✗	✗	✗	**RBE 03.7311**	UN 7/16 - 20*
Male thread								
G 1/8	**RBE 03.6150**	✗		✗		✗		
G 1/4	**RBE 03.6151**	✗		✗		✗		
NPT 1/8	**RBE 03.6250**	✗		✗		✗		
NPT 1/4	**RBE 03.6251**	✗		✗		✗		
		✗	✗	✗	✗	✗	**RBE 03.7150**	G 1/8
		✗	✗	✗	✗	✗	**RBE 03.7151**	G 1/4
		✗	✗	✗	✗	✗	**RBE 03.7250**	NPT 1/8
		✗	✗	✗	✗	✗	**RBE 03.7251**	NPT 1/4
For rubber hose								
Ø 4 mm	**RBE 03.6804**	✗		✗				
Ø 6 mm	**RBE 03.6806**	✗		✗				
		✗	✗	✗			**RBE 03.7804**	Ø 4 mm
		✗	✗	✗			**RBE 03.7806**	Ø 6 mm
For plastic tube								
Ø 4/6 mm	**RBE 03.6904**	✗		✗				
Ø 6/8 mm	**RBE 03.6906**	✗		✗				
		✗	✗	✗			**RBE 03.7904**	Ø 4/6 mm
		✗	✗	✗			**RBE 03.7906**	Ø 6/8 mm
For copper tube								
Ø 4/6 mm	**RBE 03.6704**	✗					**RBE 03.7704**	Ø 4/6 mm
Ø 6/8 mm	**RBE 03.6706**	✗					**RBE 03.7706**	Ø 6/8 mm
For stainless steel tube								
Ø 6 mm ext.	**RBE 03.6766**			✗		✗		
Ø 8 mm ext.	**RBE 03.6768**			✗		✗		
Ø 1/4" ext.	**RBE 03.6753**			✗		✗		
			✗	✗	✗	✗	**RBE 03.7766**	Ø 6 mm ext.
			✗	✗	✗	✗	**RBE 03.7768**	Ø 8 mm ext.
			✗	✗	✗	✗	**RBE 03.7753**	Ø 1/4" ext.

*To norm SAE J 1926

DUST CAPS

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HPI
for socket						
	RBE 03.8500	✗		✗		
Dust cap for sockets equipped with safety-key : add "**U**" to the selected part number.						
for plug						
	RBE 03.8550			✗		
in Nitrile for plug						
	RBE 03.8550/BC	✗				

Y SOCKETS*

PART NUMBERS	END CONNECTION	STANDARD	IA	IC	IA/HP	IC/HPI
fixed Y 2-direction						
RBE 03.8101	G 1/4	✗	✗	✗		
						
mobile Y 2-direction						
RBE 03.8600		✗	✗	✗		
						
mobile T 2-direction						
RBE 03.8660		✗	✗	✗		
						

* Not available in double shut-off version, nor /W nor colour coded / keyed.

1 Socket standard



Body : stainless steel with 17% chrome content
Seals : Nitrile (NBR)
Single shut-off
No further options

RBE 06. 1151

See part numbers page 17

examples of "non standard" part numbers with options :
RBE 06.**1**151 / **IA / JE / OD / 15 / VD / FB**
RBE 06.**2**151 / **DKJ**

2 Materials used

PAGE 5

Low and medium pressure
IA IC

High pressure
IA / HP
IC / HPI / VD

Primary vacuum
IA / W IC

3 Seals

PAGE 6

JV JE JK
JS3 JC IA/JT
IC/JT

4 Valving

PAGE 7

OS OD

5 Options

PAGES 8 and 9

Safety keys
0 6
15 75
3 9
45

Colour discs for panel mount
DKJ DKB
DKW DKM
DKR DKN
DKV

Button
VD
VS (standard and IA Series)

Protection against ingress of dirt
VD / PP

Fixing of dust caps
FB

1 Plug standard

Body : stainless steel with 13% chrome content
Seals : Nitrile (NBR)
No further options

2 shut-off options as standard

Unvalved



RBE 06. 6151

See part numbers pages 18 and 19

example of "non standard" part number with options :
RBE 06. **6**151 / **IC / HPI / 15**

Valved

(only to be used with OD code on socket)

RBE 06. 7151

See part numbers pages 18 and 19

example of "non standard" part number with options :
RBE 06.**7**151 / **IA / JE / 15**



2 Materials used

PAGE 5

Low and medium pressure
IA IC

High pressure
IA / HP
IC / HPI

Primary vacuum
IA / W IC

2 Materials used

PAGE 5

Low and medium pressure
IC

High pressure
IC / HPI

Primary vacuum
IC

3 Seals

PAGE 6

JV JE JK
JS3 JC IA/JT
IC/JT

5 Options

PAGES 8 and 9

Safety keys
0 6
15 75
3 9
45



SOCKETS



PANEL MOUNTED SOCKETS

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HP/VD	PART NUMBERS
Female thread							
G 1/8	**RBE 06.1100**	✗	✗	✗	✗	✗	**RBE 06.2100**
G 1/4	**RBE 06.1101**	✗	✗	✗	✗	✗	**RBE 06.2101**
G 3/8	**RBE 06.1102**	✗	✗	✗	✗	✗	**RBE 06.2102**
G 1/2	**RBE 06.1103**	✗	✗	✗	✗	✗	**RBE 06.2103**
NPT 1/8	**RBE 06.1200**	✗	✗	✗	✗	✗	**RBE 06.2200**
NPT 1/4	**RBE 06.1201**	✗	✗	✗	✗	✗	**RBE 06.2201**
NPT 3/8	**RBE 06.1202**	✗	✗	✗	✗	✗	**RBE 06.2202**
UN 9/16 - 18*	**RBE 06.1314**		✗	✗	✗	✗	**RBE 06.2314**
* To norm SAE J 1926							
Male thread							
G 1/8	**RBE 06.1150**	✗	✗	✗	✗	✗	**RBE 06.2150**
G 1/4	**RBE 06.1151**	✗	✗	✗	✗	✗	**RBE 06.2151**
G 3/8	**RBE 06.1152**	✗	✗	✗	✗	✗	**RBE 06.2152**
G 1/2	**RBE 06.1153**	✗	✗	✗	✗	✗	**RBE 06.2153**
NPT 1/8	**RBE 06.1250**	✗	✗	✗	✗	✗	**RBE 06.2250**
NPT 1/4	**RBE 06.1251**	✗	✗	✗	✗	✗	**RBE 06.2251**
NPT 3/8	**RBE 06.1252**	✗	✗	✗	✗	✗	**RBE 06.2252**
For rubber hose							
Ø 6 mm	**RBE 06.1806**	✗	✗	✗			**RBE 06.2806**
Ø 8 mm	**RBE 06.1808**	✗	✗	✗			**RBE 06.2808**
Ø 10 mm	**RBE 06.1810**	✗	✗	✗			**RBE 06.2810**
Ø 13 mm	**RBE 06.1813**	✗	✗	✗			**RBE 06.2813**
For plastic tube							
Ø 6/8 mm	**RBE 06.1906**	✗	✗	✗			**RBE 06.2906**
Ø 8/10 mm	**RBE 06.1908**	✗	✗	✗			**RBE 06.2908**
For copper tube							
Ø 6/8 mm	**RBE 06.1706**	✗	✗				**RBE 06.2706**
Ø 8/10 mm	**RBE 06.1708**	✗	✗				**RBE 06.2708**
For stainless steel tube							
Ø 6 mm ext.	**RBE 06.1766**		✗	✗	✗	✗	**RBE 06.2766**
Ø 8 mm ext.	**RBE 06.1768**		✗	✗	✗	✗	**RBE 06.2768**
Ø 10 mm ext.	**RBE 06.1770**		✗	✗	✗	✗	**RBE 06.2770**
Ø 1/4" ext.	**RBE 06.1753**		✗	✗	✗	✗	**RBE 06.2753**
Ø 3/8" ext.	**RBE 06.1755**		✗	✗	✗	✗	**RBE 06.2755**

STÄUBLI





UNVALVED PLUGS

VALVED PLUGS

delivered with Nitrile (NBR) dust cap

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HPI	PART NUMBERS	END CONNECTION
Female thread								
G 1/8	**RBE 06.6100**	✗		✗		✗		
G 1/4	**RBE 06.6101**	✗		✗		✗		
G 3/8	**RBE 06.6102**	✗		✗		✗		
NPT 1/8	**RBE 06.6200**	✗		✗		✗		
NPT 1/4	**RBE 06.6201**	✗		✗		✗		
NPT 3/8	**RBE 06.6202**	✗		✗		✗		
M 14 x 125	**RBE 06.6314**	✗						
UN 9/16 - 20	**RBE 06.6315**	✗						
		✗	✗	✗	✗	✗	**RBE 06.7100**	G 1/8
		✗	✗	✗	✗	✗	**RBE 06.7101**	G 1/4
		✗	✗	✗	✗	✗	**RBE 06.7102**	G 3/8
		✗	✗	✗	✗	✗	**RBE 06.7200**	NPT 1/8
		✗	✗	✗	✗	✗	**RBE 06.7201**	NPT 1/4
		✗	✗	✗	✗	✗	**RBE 06.7202**	NPT 3/8
			✗	✗	✗	✗	**RBE 06.7314**	UN 9/16 - 18*
Male thread								
G 1/8	**RBE 06.6150**	✗		✗		✗		
G 1/4	**RBE 06.6151**	✗		✗		✗		
G 3/8	**RBE 06.6152**	✗		✗		✗		
NPT 1/8	**RBE 06.6250**	✗		✗		✗		
NPT 1/4	**RBE 06.6251**	✗		✗		✗		
NPT 3/8	**RBE 06.6252**	✗		✗		✗		
M 14 x 125	**RBE 06.6414**	✗						
UN 9/16 - 20	**RBE 06.6415**	✗						
W 3/8 (With.)	**RBE 06.6152/NW**	✗						
		✗	✗	✗	✗	✗	**RBE 06.7150**	G 1/8
		✗	✗	✗	✗	✗	**RBE 06.7151**	G 1/4
		✗	✗	✗	✗	✗	**RBE 06.7152**	G 3/8
		✗	✗	✗	✗	✗	**RBE 06.7250**	NPT 1/8
		✗	✗	✗	✗	✗	**RBE 06.7251**	NPT 1/4
		✗	✗	✗	✗	✗	**RBE 06.7252**	NPT 3/8
For rubber hose								
Ø 4 mm	**RBE 06.6804**	✗		✗				
Ø 6 mm	**RBE 06.6806**	✗		✗				
Ø 8 mm	**RBE 06.6808**	✗		✗				
Ø 10 mm	**RBE 06.6810**	✗		✗				
Ø 13 mm	**RBE 06.6813**	✗		✗				
		✗	✗	✗			**RBE 06.7806**	Ø 6 mm
		✗	✗	✗			**RBE 06.7808**	Ø 8 mm
		✗	✗	✗			**RBE 06.7810**	Ø 10 mm
		✗	✗	✗			**RBE 06.7813**	Ø 13 mm
For plastic tube								
Ø 4/6 mm	**RBE 06.6904**	✗		✗				
Ø 6/8 mm	**RBE 06.6906**	✗		✗				
Ø 8/10 mm	**RBE 06.6908**	✗		✗				
		✗	✗	✗			**RBE 06.7906**	Ø 6/8 mm
		✗	✗	✗			**RBE 06.7908**	Ø 8/10 mm
For copper tube								
Ø 6/8 mm	**RBE 06.6706**	✗						
Ø 8/10 mm	**RBE 06.6708**	✗						
		✗	✗				**RBE 06.7706**	Ø 6/8 mm
		✗	✗				**RBE 06.7708**	Ø 8/10 mm

*To norm SAE J 1926







UNVALVED PLUGS

VALVED PLUGS

delivered with Nitrile (NBR) dust cap

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HPI	PART NUMBERS	END CONNECTION
For stainless steel tube								
Ø 6 mm ext.	**RBE 06.6766**		✗		✗			
Ø 8 mm ext.	**RBE 06.6768**		✗		✗			
Ø 10 mm ext.	**RBE 06.6770**		✗		✗			
Ø 1/4" ext.	**RBE 06.6753**		✗		✗			
Ø 3/8" ext.	**RBE 06.6755**		✗		✗			
		✗	✗	✗	✗		**RBE 06.7766**	Ø 6 mm ext.
		✗	✗	✗	✗		**RBE 06.7768**	Ø 8 mm ext.
		✗	✗	✗	✗		**RBE 06.7770**	Ø 10 mm ext.
		✗	✗	✗	✗		**RBE 06.7753**	Ø 1/4" ext.
		✗	✗	✗	✗		**RBE 06.7755**	Ø 3/8" ext.





DUST CAPS

for socket



	RBE 06.8500	✗		✗				

Dust cap for sockets equipped with safety-key :
add "**U**" to the selected part number.

for plug



	RBE 06.8550			✗				

in Nitrile for plug



	RBE 06.8550/BC	✗						

Y SOCKETS*

fixed Y 2-direction



		✗	✗	✗			**RBE 06.8101**	G 1/4
		✗	✗	✗			**RBE 06.8102**	G 3/8
		✗	✗	✗			**RBE 06.8103**	G 1/2

mobile Y 2-direction



		✗	✗	✗			**RBE 06.8600**	

mobile T 2-direction



		✗	✗				**RBE 06.8660**	

fixed Y 2-direction for rubber hose



		✗	✗	✗			**RBE 06.8813**	Ø 13 mm

*Not available in
double shut-off version,
nor /W
nor colour coded / keyed.



1 Socket standard

Body : stainless steel with 17% chrome content
Seals : Nitrile (NBR)
Single shut-off
No further options

RBE 08. 1152

See part numbers page 21

examples of "non standard" part numbers with options :
RBE 08.**1**152 / **IA / JE / OD / 45 / VD / FB**
RBE 08.**2**152 / **DKJ**

2 Materials used

PAGE 5

Low and medium pressure
IA IC

High pressure
IA / HP
IC / HPI / VD

Primary vacuum
IA / W IC

3 Seals

PAGE 6

JV JE JK
JS3 JC

4 Valving

PAGE 7

OS OD

5 Options

PAGES 8 and 9

Safety keys
0 6
3 9
45

Colour discs for panel mount
DKJ DKB
DKR DKN
DKV

Button
VD
VS (standard and IA Series)

Protection against ingress of dirt
VD / PP

Fixing of dust caps
FB

1 Plug standard

Body : stainless steel with 13% chrome content
Seals : Nitrile (NBR)
No further options

2 shut-off options as standard



Unvalved

RBE 08. 6152

See part numbers pages 22 and 23

example of "non standard" part number with options :
RBE 08.**6**152 / **IC / HPI / 45**



Valved

(only to be used with OD code on socket)

RBE 08. 7152

See part numbers pages 22 and 23

example of "non standard" part number with options :
RBE 08.**7**152 / **IA / JE / 45**

2 Materials used

PAGE 5

Low and medium pressure
IA IC

High pressure
IA / HP
IC / HPI

Primary vacuum
IA / W IC

2 Materials used

PAGE 5

Low and medium pressure
IC

High pressure
IC / HPI

Primary vacuum
IC

3 Seals

PAGE 6

JV JE JK
JS3 JC

5 Options

PAGES 8 and 9

Safety keys
0 6
3 9
45



SOCKETS



PANEL MOUNTED SOCKETS

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HP/VD	PART NUMBERS
Female thread							
G 1/4	**RBE 08.1101**	✗	✗	✗	✗	✗	**RBE 08.2101**
G 3/8	**RBE 08.1102**	✗	✗	✗	✗	✗	**RBE 08.2102**
G 1/2	**RBE 08.1103**	✗	✗	✗	✗	✗	**RBE 08.2103**
NPT 1/4	**RBE 08.1201**	✗	✗	✗	✗	✗	**RBE 08.2201**
NPT 3/8	**RBE 08.1202**	✗	✗	✗	✗	✗	**RBE 08.2202**
NPT 1/2	**RBE 08.1203**	✗	✗	✗	✗	✗	**RBE 08.2203**
UN 3/4 - 16*	**RBE 08.1319**		✗	✗	✗	✗	**RBE 08.2319**

*To norm SAE J 1926

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HP/VD	PART NUMBERS
Male thread							
G 1/4	**RBE 08.1151**	✗	✗	✗	✗	✗	**RBE 08.2151**
G 3/8	**RBE 08.1152**	✗	✗	✗	✗	✗	**RBE 08.2152**
G 1/2	**RBE 08.1153**	✗	✗	✗	✗	✗	**RBE 08.2153**
NPT 1/4	**RBE 08.1251**	✗	✗	✗	✗	✗	**RBE 08.2251**
NPT 3/8	**RBE 08.1252**	✗	✗	✗	✗	✗	**RBE 08.2252**
NPT 1/2	**RBE 08.1253**	✗	✗	✗	✗	✗	**RBE 08.2253**

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HP/VD	PART NUMBERS
For rubber hose							
Ø 8 mm	**RBE 08.1808**	✗	✗	✗			**RBE 08.2808**
Ø 10 mm	**RBE 08.1810**	✗	✗	✗			**RBE 08.2810**
Ø 13 mm	**RBE 08.1813**	✗	✗	✗			**RBE 08.2813**
Ø 16 mm	**RBE 08.1816**	✗	✗	✗			**RBE 08.2816**

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HP/VD	PART NUMBERS
For plastic tube							
Ø 8/10 mm	**RBE 08.1908**	✗	✗				**RBE 08.2908**
Ø 10/12 mm	**RBE 08.1910**	✗	✗				**RBE 08.2910**

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HP/VD	PART NUMBERS
For copper tube							
Ø 8/10 mm	**RBE 08.1708**	✗	✗				**RBE 08.2708**
Ø 10/12 mm	**RBE 08.1710**	✗	✗				**RBE 08.2710**

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HP/VD	PART NUMBERS
For stainless steel tube							
Ø 10 mm ext.	**RBE 08.1770**		✗	✗	✗	✗	**RBE 08.2770**
Ø 12 mm ext.	**RBE 08.1772**		✗	✗	✗	✗	**RBE 08.2772**
Ø 3/8" ext.	**RBE 08.1755**		✗	✗	✗	✗	**RBE 08.2755**
Ø 1/2" ext.	**RBE 08.1756**		✗	✗	✗	✗	**RBE 08.2756**

STÄUBLI



UNVALVED PLUGS





VALVED PLUGS

delivered with Nitrile (NBR) dust cap

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HPI	PART NUMBERS	END CONNECTION
Female thread								
G 1/4	**RBE 08.6101**	✗		✗		✗		
G 3/8	**RBE 08.6102**	✗		✗		✗		
G 1/2	**RBE 08.6103**	✗		✗		✗		
NPT 1/4	**RBE 08.6201**	✗		✗		✗		
NPT 3/8	**RBE 08.6202**	✗		✗		✗		
NPT 1/2	**RBE 08.6203**	✗		✗		✗		
		✗	✗	✗	✗	✗	**RBE 08.7101**	G 1/4
		✗	✗	✗	✗	✗	**RBE 08.7102**	G 3/8
		✗	✗	✗	✗	✗	**RBE 08.7103**	G 1/2
		✗	✗	✗	✗	✗	**RBE 08.7201**	NPT 1/4
		✗	✗	✗	✗	✗	**RBE 08.7202**	NPT 3/8
		✗	✗	✗	✗	✗	**RBE 08.7203**	NPT 1/2
			✗	✗	✗	✗	**RBE 08.7319**	UN 3/4 - 16*

*To norm SAE J 1926

Male thread								
G 1/4	**RBE 08.6151**	✗		✗		✗		
G 3/8	**RBE 08.6152**	✗		✗		✗		
G 1/2	**RBE 08.6153**	✗		✗		✗		
NPT 1/4	**RBE 08.6251**	✗						
NPT 3/8	**RBE 08.6252**	✗						
NPT 1/2	**RBE 08.6253**	✗						
		✗	✗	✗	✗	✗	**RBE 08.7151**	G 1/4
		✗	✗	✗	✗	✗	**RBE 08.7152**	G 3/8
		✗	✗	✗	✗	✗	**RBE 08.7153**	G 1/2
		✗	✗	✗	✗	✗	**RBE 08.7251**	NPT 1/4
		✗	✗	✗	✗	✗	**RBE 08.7252**	NPT 3/8
		✗	✗	✗	✗	✗	**RBE 08.7253**	NPT 1/2
For rubber hose								
Ø 6 mm	**RBE 08.6806**	✗		✗				
Ø 8 mm	**RBE 08.6808**	✗		✗				
Ø 10 mm	**RBE 08.6810**	✗		✗				
Ø 13 mm	**RBE 08.6813**	✗		✗				
Ø 16 mm	**RBE 08.6816**	✗		✗				
		✗	✗	✗			**RBE 08.7808**	Ø 8 mm
		✗	✗	✗			**RBE 08.7810**	Ø 10 mm
		✗	✗	✗			**RBE 08.7813**	Ø 13 mm
		✗	✗	✗			**RBE 08.7816**	Ø 16 mm
For plastic tube								
Ø 8/10 mm	**RBE 08.6908**	✗						
Ø 10/12 mm	**RBE 08.6910**	✗						
		✗	✗				**RBE 08.7908**	Ø 8/10 mm
		✗	✗				**RBE 08.7910**	Ø 10/12 mm
For copper tube								
Ø 8/10 mm	**RBE 08.6708**	✗						
Ø 10/12 mm	**RBE 08.6710**	✗						
		✗	✗				**RBE 08.7708**	Ø 8/10 mm
		✗	✗				**RBE 08.7710**	Ø 10/12 mm



UNVALVED PLUGS



VALVED PLUGS

delivered with Nitrile (NBR) dust cap



END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HPI	PART NUMBERS	END CONNECTION
For stainless steel tube								
Ø 10 mm ext.	**RBE 08.6770**		✗		✗			
Ø 12 mm ext.	**RBE 08.6772**		✗		✗			
Ø 3/8" ext.	**RBE 08.6755**		✗		✗			
Ø 1/2" ext.	**RBE 08.6756**		✗		✗			
		✗	✗	✗	✗		**RBE 08.7770**	Ø 10 mm ext.
		✗	✗	✗	✗		**RBE 08.7772**	Ø 12 mm ext.
		✗	✗	✗	✗		**RBE 08.7755**	Ø 3/8" ext.
		✗	✗	✗	✗		**RBE 08.7756**	Ø 1/2" ext.





DUST CAPS

for socket



RBE 08.8500	✗		✗			

Dust cap for sockets equipped with safety-key :
add "**U**" to the selected part number.

for plug



RBE 08.8550			✗			

in Nitrile for plug



RBE 08.8550/BC	✗					

Y SOCKETS*

fixed Y 2-direction



✗	✗	✗			**RBE 08.8101**	G 1/4
✗	✗	✗			**RBE 08.8102**	G 3/8
✗	✗	✗			**RBE 08.8103**	G 1/2

mobile Y 2-direction



✗	✗	✗			**RBE 08.8600**	

fixed Y 2-direction for rubber hose



✗	✗	✗			**RBE 08.8813**	Ø 13 mm
✗	✗	✗			**RBE 08.8816**	Ø 16 mm

* Not available in double shut-off version, nor /W nor colour coded / keyed.



1 Socket standard

Body : stainless steel with 17% chrome content
Seals : Nitrile (NBR)
Single shut-off
No further options

RBE 11. 1153
See part numbers page 25

examples of "non standard" part numbers with options :
RBE 11.**1**153 / **IA / JE / OD / 15 / VD / FB**
RBE 11.**2**153 / **DKJ**

2 Materials used
PAGE 5

Low and medium pressure
IA IC

High pressure
IA / HP
IC / HPI / VD

Primary vacuum
IA / W IC

3 Seals
PAGE 6

JV **JE** JK
JS3 JC IA/JT
IC/JT

4 Valving
PAGE 7

OS **OD**

5 Options
PAGES 8 and 9

Safety keys
0 45
15 6
3 9

Colour discs for panel mount
DKJ DKV
DKW DKB
DKR DKN

Button
VD
VS (standard and IA Series)
VD/VS (standard and IA Series)

Protection against ingress of dirt
VD /PP

Fixing of dust caps
FB

1 Plug standard

Body : stainless steel with 13% chrome content
Seals : Nitrile (NBR)
No further options

2 shut-off options as standard



Unvalved
RBE 11. 6153
See part numbers page 26

example of "non standard" part number with options :
RBE 11.**6**153 / **IC / HPI / 15**



Valved
(only to be used with OD code on socket)
RBE 11. 7153
See part numbers page 26

example of "non standard" part number with options :
RBE 11.**7**153 / **IA / JE / 15**

2 Materials used
PAGE 5

Low and medium pressure
IA IC

High pressure
IA / HP
IC / HPI

Primary vacuum
IA / W IC

2 Materials used
PAGE 5

Low and medium pressure
IC

High pressure
IC / HPI

Primary vacuum
IC

3 Seals
PAGE 6

JV **JE** JK
JS3 JC IA/JT
IC/JT

5 Options
PAGES 8 and 9

Safety keys
0 45
15 6
3 9



SOCKETS



PANEL MOUNTED SOCKETS

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HP/VD	PART NUMBERS
Female thread							
G 3/8	**RBE 11.1102**	✗	✗	✗	✗	✗	**RBE 11.2102**
G 1/2	**RBE 11.1103**	✗	✗	✗	✗	✗	**RBE 11.2103**
G 3/4	**RBE 11.1104**	✗	✗	✗	✗	✗	**RBE 11.2104**
NPT 3/8	**RBE 11.1202**	✗	✗	✗	✗	✗	**RBE 11.2202**
NPT 1/2	**RBE 11.1203**	✗	✗	✗	✗	✗	**RBE 11.2203**
NPT 3/4	**RBE 11.1204**	✗	✗	✗	✗	✗	**RBE 11.2204**
UN 7/8 - 14*	**RBE 11.1322**		✗	✗	✗	✗	**RBE 11.2322**

* To norm SAE J 1926



Male thread							
G 3/8	**RBE 11.1152**	✗	✗	✗	✗	✗	**RBE 11.2152**
G 1/2	**RBE 11.1153**	✗	✗	✗	✗	✗	**RBE 11.2153**
G 3/4	**RBE 11.1154**	✗	✗	✗	✗	✗	**RBE 11.2154**
NPT 3/8	**RBE 11.1252**	✗	✗	✗	✗	✗	**RBE 11.2252**
NPT 1/2	**RBE 11.1253**	✗	✗	✗	✗	✗	**RBE 11.2253**
NPT 3/4	**RBE 11.1254**	✗	✗	✗	✗	✗	**RBE 11.2254**



For rubber hose							
Ø 8 mm	**RBE 11.1808**	✗					**RBE 11.2808**
Ø 10 mm	**RBE 11.1810**	✗					**RBE 11.2810**
Ø 13 mm	**RBE 11.1813**	✗	✗	✗			**RBE 11.2813**
Ø 16 mm	**RBE 11.1816**	✗	✗	✗			**RBE 11.2816**
Ø 19 mm	**RBE 11.1819**	✗	✗	✗			**RBE 11.2819**





UNVALVED PLUGS





VALVED PLUGS

delivered with Nitrile (NBR) dust cap

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HPI	PART NUMBERS	END CONNECTION
Female thread								
G 1/4	**RBE 11.6101**	✗		✗				
G 3/8	**RBE 11.6102**	✗		✗		✗		
G 1/2	**RBE 11.6103**	✗		✗		✗		
G 3/4	**RBE 11.6104**	✗		✗		✗		
NPT 3/8	**RBE 11.6202**	✗						
NPT 1/2	**RBE 11.6203**	✗						
NPT 3/4	**RBE 11.6204**	✗						
		✗	✗	✗	✗	✗	**RBE 11.7102**	G 3/8
		✗	✗	✗	✗	✗	**RBE 11.7103**	G 1/2
		✗	✗	✗	✗	✗	**RBE 11.7104**	G 3/4
		✗	✗	✗	✗	✗	**RBE 11.7202**	NPT 3/8
		✗	✗	✗	✗	✗	**RBE 11.7203**	NPT 1/2
		✗	✗	✗	✗	✗	**RBE 11.7204**	NPT 3/4
			✗	✗	✗	✗	**RBE 11.7322**	UN 7/8 - 14*

* To norm SAE J 1926

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HPI	PART NUMBERS	END CONNECTION
Male thread								
G 3/8	**RBE 11.6152**	✗		✗		✗		
G 1/2	**RBE 11.6153**	✗		✗		✗		
G 3/4	**RBE 11.6154**	✗		✗		✗		
NPT 3/8	**RBE 11.6252**	✗						
NPT 1/2	**RBE 11.6253**	✗						
NPT 3/4	**RBE 11.6254**	✗						
		✗	✗	✗	✗	✗	**RBE 11.7152**	G 3/8
		✗	✗	✗	✗	✗	**RBE 11.7153**	G 1/2
		✗	✗	✗	✗	✗	**RBE 11.7154**	G 3/4
		✗	✗		✗		**RBE 11.7252**	NPT 3/8
		✗	✗		✗		**RBE 11.7253**	NPT 1/2
		✗	✗		✗		**RBE 11.7254**	NPT 3/4

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HPI	PART NUMBERS	END CONNECTION
For rubber hose								
Ø 6 mm	**RBE 11.6806**	✗		✗				
Ø 8 mm	**RBE 11.6808**	✗		✗				
Ø 10 mm	**RBE 11.6810**	✗		✗				
Ø 13 mm	**RBE 11.6813**	✗		✗				
Ø 16 mm	**RBE 11.6816**	✗		✗				
Ø 19 mm	**RBE 11.6819**	✗		✗				
		✗	✗	✗			**RBE 11.7813**	Ø 13 mm
		✗	✗	✗			**RBE 11.7816**	Ø 16 mm
		✗	✗	✗			**RBE 11.7819**	Ø 19 mm

DUST CAPS

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HPI
for socket						
	**RBE 11.8500**	✗		✗		
Dust cap for sockets equipped with safety-key : add "**U**" to the selected part number.						
for plug						
	**RBE 11.8550**			✗		
in Nitrile for plug						
	**RBE 11.8550/BC**	✗				

Y SOCKETS*

PART NUMBERS	END CONNECTION	STANDARD	IA	IC	IA/HP	IC/HPI
fixed Y 2-direction						
RBE 11.8102	G 3/8	✗	✗	✗		
RBE 11.8103	G 1/2	✗	✗	✗		
RBE 11.8104	G 3/4	✗	✗	✗		
						
mobile Y 2-direction						
RBE 11.8600		✗	✗	✗		
						
fixed Y 2-direction for rubber hose						
RBE 11.8813	Ø 13 mm	✗	✗	✗		
RBE 11.8816	Ø 16 mm	✗	✗	✗		
RBE 11.8819	Ø 19 mm	✗	✗	✗		
						

*Not available in double shut-off version, nor /W nor colour coded / keyed.



1 Socket standard

Body : in stainless steel with 17% chrome content
Seals : Nitrile (NBR)
Single shut-off
No further options

RBE 19. 1154

See part numbers page 29

examples of "non standard" part numbers with options :
RBE 19.1154 / IA / JE / OD / 45 / VD / FB
RBE 19.2154 / DKJ

2 Materials used
PAGE 5

Low and medium pressure
IA IC

High pressure
IA / HP
IC / HPI / VD

Primary vacuum
IA / W IC

3 Seals
PAGE 6

JV JE JK
JS3 JC IA/JT
IC/JT

4 Valving
PAGE 7

OS OD

5 Options
PAGES 8 and 9

Safety keys
0 6
3 9
45

Colour discs for panel mount
DKJ DKB
DKR DKN
DKV

Button
VD VS (standard and IA Series)

Protection against ingress of dirt
VD / PP

Fixing of dust caps
FB

1 Plug standard

Body : stainless steel with 13% chrome content
Seals : Nitrile (NBR)
No further options

2 shut-off options as standard



Unvalved

RBE 19. 6154

See part numbers page 30

example of "non standard" part number with options :
RBE 19.6154 / IC / HPI / 45

2 Materials used
PAGE 5

Low and medium pressure
IC

High pressure
IC / HPI

Primary vacuum
IC

Valved
(only to be used with OD code on socket)

RBE 19. 7154

See part numbers page 30

example of "non standard" part number with options :
RBE 19.7154 / IA / JE / 45



2 Materials used
PAGE 5

Low and medium pressure
IA IC

High pressure
IA / HP
IC / HPI

Primary vacuum
IA / W IC

3 Seals
PAGE 6

JV JE JK
JS3 JC IA/JT
IC/JT

5 Options
PAGES 8 and 9

Safety keys
0 6
3 9
45



SOCKETS



PANEL MOUNTED SOCKETS

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HP/VD	PART NUMBERS
Female thread							
G 3/4	**RBE 19.1104**	✗	✗	✗	✗	✗	**RBE 19.2104**
G 1	**RBE 19.1105**	✗	✗	✗	✗	✗	**RBE 19.2105**
NPT 3/4	**RBE 19.1204**	✗	✗	✗	✗	✗	**RBE 19.2204**
NPT 1	**RBE 19.1205**	✗	✗	✗	✗	✗	**RBE 19.2205**
UN 1 5/16 - 12*	**RBE 19.1333**		✗	✗	✗	✗	**RBE 19.2333**
Male thread							
G 3/4	**RBE 19.1154**	✗	✗	✗	✗	✗	**RBE 19.2154**
G 1	**RBE 19.1155**	✗	✗	✗	✗	✗	**RBE 19.2155**
NPT 3/4	**RBE 19.1254**	✗	✗		✗		**RBE 19.2254**
NPT 1	**RBE 19.1255**	✗	✗		✗		**RBE 19.2255**
For rubber hose							
Ø 19 mm	**RBE 19.1819**	✗	✗	✗			**RBE 19.2819**
Ø 25 mm	**RBE 19.1825**	✗	✗	✗			**RBE 19.2825**







* To norm SAE J 1926



UNVALVED PLUGS



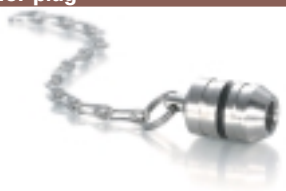
VALVED PLUGS

delivered with Nitrile (NBR) dust cap

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HPI	PART NUMBERS	END CONNECTION
Female thread								
G 3/4	**RBE 19.6104**	✗		✗		✗		
G 1	**RBE 19.6105**	✗		✗		✗		
NPT 3/4	**RBE 19.6204**	✗		✗		✗		
NPT 1	**RBE 19.6205**	✗						
		✗	✗	✗	✗	✗	**RBE 19.7104**	G 3/4
		✗	✗	✗	✗	✗	**RBE 19.7105**	G 1
		✗	✗	✗	✗	✗	**RBE 19.7204**	NPT 3/4
		✗	✗	✗	✗	✗	**RBE 19.7205**	NPT 1
			✗	✗	✗	✗	**RBE 19.7333**	UN 1 5/16 - 12*
Male thread								
G 3/4	**RBE 19.6154**	✗		✗		✗		
G 1	**RBE 19.6155**	✗		✗		✗		
NPT 3/4	**RBE 19.6254**	✗		✗		✗		
NPT 1	**RBE 19.6255**	✗						
		✗	✗	✗	✗	✗	**RBE 19.7154**	G 3/4
		✗	✗	✗	✗	✗	**RBE 19.7155**	G 1
		✗	✗		✗		**RBE 19.7254**	NPT 3/4
		✗	✗		✗		**RBE 19.7255**	NPT 1
For rubber hose								
Ø 19 mm	**RBE 19.6819**	✗		✗				
Ø 25 mm	**RBE 19.6825**	✗		✗				
		✗	✗	✗			**RBE 19.7819**	Ø 19 mm
		✗	✗	✗			**RBE 19.7825**	Ø 25 mm

* To norm SAE J 1926

DUST CAPS

END CONNECTION	PART NUMBERS	STANDARD	IA	IC	IA/HP	IC/HPI
for socket						
	**RBE 19.8500**	✗		✗		
Dust cap for sockets equipped with safety-key : add "**U**" to the selected part number.						
for plug						
	**RBE 19.8550**			✗		
in Nitrile for plug						
	**RBE 19.8550/BC**	✗				

Y SOCKETS*

PART NUMBERS	END CONNECTION	STANDARD	IA	IC	IA/HP	IC/HPI
fixed Y 2-direction						
RBE 19.8104	G 3/4	✗	✗	✗		
RBE 19.8105	G 1	✗	✗	✗		
						
mobile Y 2-direction						
RBE 19.8600		✗	✗	✗		
						
fixed Y 2-direction for rubber hose						
RBE 19.8819	Ø 19 mm	✗	✗	✗		
RBE 19.8825	Ø 25 mm	✗	✗	✗		
						

*Not available in double shut-off version, nor /W nor colour coded / keyed.



C 100.05 e D

CONNECT WITH STÄUBLI ALL OVER THE WORLD

UNITED KINGDOM
STÄUBLI (UK) Ltd
Stafford Park 17
TELFORD Shropshire TF 3 3DG
Tel. : ++44 (0) 1952/292 148
Fax : ++44 (0) 1952/290 057
e-mail : connectors.uk@staubli.com

NORTH AMERICA
(USA, Canada, Mexico)
STÄUBLI CORPORATION
P.O. Box 189 - DUNCAN S.C. 29334
Tel. : ++1 864/433-1980
Fax : ++1 864/486-5498
Toll free Number : 800/845 - 9193
e-mail : connectors.usa@staubli.com

BELGIUM
STÄUBLI BENELUX
Meensesteenweg 407
8501 BISSEGEM
Tel.: ++32 (0) 56 36 40 03
Fax : ++32 (0) 56 36 40 10
e-mail : benelux@staubli.com

BRAZIL
STÄUBLI COMÉRCIO, IMPORTAÇÃO, EXPORTAÇÃO E REPRESENTAÇÕES LTDA
Rua Henri Dunant 137 Conj. D
04709 110 SÃO PAULO-SP
Tel.: ++55 (0) 11 5182 7600
Fax : ++55 (0) 11 5181 8334
e-mail : connectors.br@staubli.com

CHINA
STÄUBLI (HANGZHOU) MECHATRONIC CO. LTD.
Hangzhou Economic &
Technological Development Zone, M 2-1-3
HANGZHOU 310018
Tel.: ++86 571 86912161
Fax : ++86 571 86912522
e-mail : connectors.cn@staubli.com

FRANCE
STÄUBLI RACCORD FRANCE
Parc du Moulin - 31, rue du Saule Trapu - B.P. 212
91882 MASSY Cedex
Tel. ++33 (0)1 69 93 25 00
Fax :++33 (0)1 69 93 25 10
e-mail : srf@staubli.com

GERMANY, AUSTRIA
STÄUBLI Tec-Systems GmbH
Theodor-Schmidt-Str. 25
Postfach 10 10 37
95410 BAYREUTH
Tel.: ++49 (0) 921/883-80
Fax : ++49 (0) 921/12070
e-mail : connectors@staeubli.de

ITALY
STÄUBLI ITALIA S.p.A.
Via Rivera, 55 - Casella postale 117
20048 CARATE BRIANZA
Tel. : ++39 (0) 362/944.1
Fax : ++39 (0) 362/944 382
e-mail : connectors.it@staubli.com

JAPAN
STÄUBLI KK
4-12-4, NISHINAKAJIMA YODOGAWA-KU
OSAKA 532-0011
Tel.: ++81 6 6889 3308
Fax : ++81 6 6889 3118
e-mail : connectors.stkk@staubli.com

POLAND
STÄUBLI Lodz Sp. z o.o.
ul. Wigury 21 - 90319 LODZ
Tel. : ++48 42 636 85 04
Fax : ++48 42 637 13 91

PORTUGAL
STÄUBLI PORTUGAL REPRESENTAÇÕES LDA
Via Central de Milheiros, 171-A
4475-330 MILHEIROS - MAIA
Tel.: ++351 22 978 39 56/50
Fax : ++351 22 978 39 59

SPAIN
STÄUBLI ESPAÑOLA
C/. Reina Elionor, 178 1°
08205 SABADELL (Barcelona)
Tel.: ++34 937 205 405
Fax : ++34 937 124 256
e-mail : connectors.es@staubli.com

SWITZERLAND
STÄUBLI A.G.
Seestrasse, 238
8810 HORGEN/ZURICH
Tel : ++41 (0) 43/244 22 33
Fax : ++41 (0) 43/244 22 34
e-mail : sales.couplings@staubli.com

TURKEY
STÄUBLI Sanayi Makine ve Aksesuarlari Ticaret Ltd. Sti.
ATATURK MAH.
MARMARA SANAYI SITESI
B BLOK N°: 28
34670 IKITELLI
ISTANBUL
Tel. : ++90 212 472 13 00
Fax : ++90 212 472 12 29
e-mail : connectors.tr@staubli.com

INTERNATIONAL SALES COORDINATION
STÄUBLI FAVERGES - B.P. 70 - F - 74210 FAVERGES - Tel. : ++33 (0) 4 50 65 67 97 - Fax : ++33 (0) 4 50 65 60 69
Internet : http://www.staubli.com - e-mail : connectors.sales@staubli.com

STÄUBLI® is a registered trade mark of STÄUBLI INTERNATIONAL AG

STÄUBLI®

06/12/2004
argos