

NORMACONNECT® – Pipe Connections

NORMACONNECT® BRS/BRSP

Wide band hose clamps (NORMACONNECT® BRS) to DIN 3017-5,
Wide band retaining clamps (NORMACONNECT® BRSP)

BRS wide band hose clamps, in combination with a rubber sleeve, are particularly suitable for connecting pipes with smooth ends.

Cast iron pipes and steel pipes as well as plastic or glass pipes are joined securely and without welding.

BRSP wide band retaining clamps are the ideal fastening elements for thin-walled glass, plastic or metal containers.

Short description of technical features

The extra wide band is gentle on the hose or the sleeve

- = Distribution of clamping force over the complete band width
- = No damage to the object to be clamped
- = Increased transverse rigidity





- 1** Bridge
= Hose or sleeve ends are completely covered

Materials

W1	W2	W3	W4	W5
x	x		x	

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Screw

	Sz (W1+W2) 	Sk (W4) 
Band width 48 mm	M 6 x 38 Sz	M 6 x 45 Sk
Band width 54 mm	M 8 x 47 Sz	M 8 x 50 Sk
Band width 65 mm	M 8 x 47 Sz	M 8 x 50 Sk
Band width 78 mm	M 8 x 47 Sz	M 8 x 50 Sk
Band width 100 mm	M 8 x 47 Sz *	–

* only available in W2

Clamp Types



NORMACONNECT® BRSP

The extra wide band of these clamps is capable of distributing the clamping force exerted by the clamp over a wide area of the pipe or container surface.

Thus, for example, very thin-walled containers can be securely fastened by means of the BRSP clamps. Wide band hose clamps prevent compression of or damage to the object being clamped or retained.

NORMACLAMP® BRS/BRSP sealing and retaining clamps are manufactured in standard band widths and materials.

Sizes are increasing in steps of

1 mm for single-part clamps

2 mm for 2-part clamps

Up to a clamping diameter of 300 mm they are supplied in rolled-up form, from 301 mm clamping diameter they are supplied in open form.

The advantages at a glance

- Extra wide clamp band
- Large-area distribution of clamping forces
- Increased transverse rigidity
- Single and multi-part versions

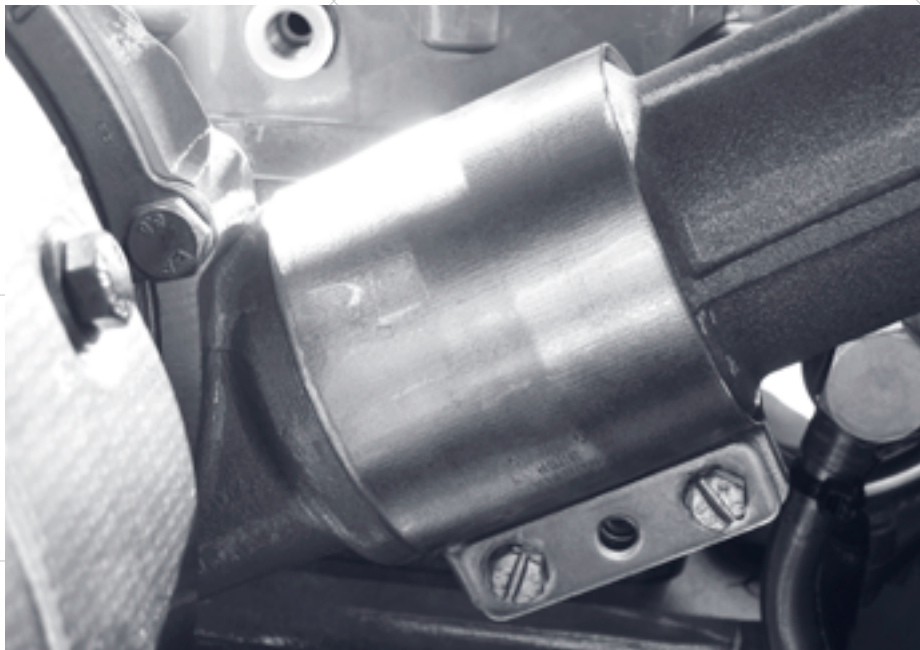
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Technical features

Corrosion resistance

Material	Corrosion resistance in salt spray testing
W1	Min. 72 h
W2	Min. 72 h
W4	Min. 240 h

Band width (mm)	Min. diameter (mm)	Static tightening torque (Nm)	Material thickness (mm)		
			W1	W2	W4
48	50	4	0.5	0.4	0.5
54	50	12	0.5	0.4	0.5
65	50	12	0.6	0.4	0.5
78	50	12	0.6	0.5	0.5
100	50	12	–	0.5	–



Applications

- Exhaust air systems
- Suction plants
- Laboratory technology
- Waste water technology

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Survey of sizes, band widths & materials

NORMACONNECT® BRS/BRSP

Band width (mm)	Diameter (mm)	Screw	BRS	BRSP	W1	W2	W4
48	50–270	M 6	X	X	X	X	X
54	50–270	M 8	X	X	X	X	X
65	50–270	M 8	X	X	X	X	X
78	50–270	M 8	X	X	X	X	X
100	50–200	M 8	X			X	

Enquiries/ordering:

When making enquiries or placing orders please indicate as follows:

	1. Type	2. Clamping Range	3. Band width	4. Material	5. Screw
Example	BRS	55/	48	W1	Sz