

NORMACONNECT® – Pipe Connections

NORMACONNECT® ARS Exhaust pipe clamps

ARS exhaust pipe clamps connect pipes fitted into each other securely and reliably. They are also used to connect pipes that are subject to extreme thermal fluctuations and therefore, are especially suitable for connecting, for example, exhaust pipes and silencers in the automotive industry.

Short description of technical features



- 1** Either M8, M10 or M12 bolt
= depending on the required clamping force
- 2** One-piece clamp band
= uniform contact pressure on the pipe circumference
= high efficiency with regard to system tightness
- 3** 1 Bolt
= easy assembly
- 4** Rounded band edges
= hose protection and protection against injury

Materials

W1*	W2*	W3	W4*	W5*
X	X**		X**	X**

* Chrome VI-free / ** On request

NORMACONNECT® – Pipe Connections

Bolt types

For information which bolt is supplied for each clamping range please refer to the table of sizes.

Bolt	Hammer head/ Flange nut	Hexhead bolt/ Flange nut	Hexhead bolt/ Hexagonal nut	Loose fit washer*
M 8	X	X		X**
M 10			X	X
M 12			X	X

* underneath the bolt head and the nut

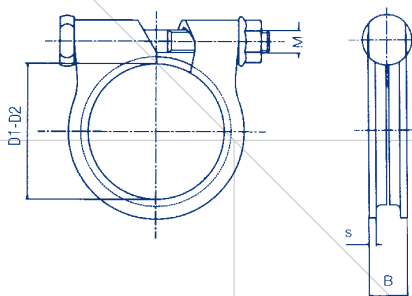
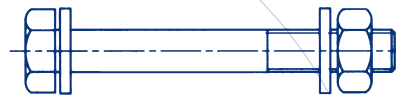
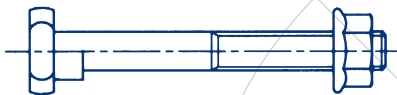
** underneath the bolt head (only applicable to several diameters!)



M8 version with hammer head bolt



M10 and M12 version with hex head bolt



The advantages at a glance

- Made in one piece
- Persistent contact on the pipe surface
- Uniform contact pressure on the pipe circumference
- No asymmetric deformation of the pipe

NORMACONNECT® – Pipe Connections

Technical features

Corrosion resistance

Material	Corrosion resistance in salt spray testing
W1	Min. 144 h



Applications

- Connecting pipes that are fitted into each other
- Connecting the exhaust pipe and the silencer

NORMACONNECT® – Pipe Connections

Survey of sizes, band widths & materials NORMACONNECT® ARS

Description	Clamping Range D1–D2 in mm	Packaging (Industrial carton)	S*	B*	Recommended Tightening torque	W1
ARS M8-27 W1	24–27	100	1.5	10.4	8–10 Nm	X
ARS M8-33 W1	30–33	100	1.5	10.4		X
ARS M8-36 W1	33–36	100	2.0	12.8	10–15 Nm	X
ARS M8-39.5 W1	36.5–39.5	100	2.0	12.0		X
ARS M8-42 W1	39–42	100	2.0	12.8		X
ARS M8-45 W1	42–45	100	2.5	13.6	15–20 Nm	X
ARS M8-46 W1	43–46	100	2.5	12.8		X
ARS M8-47 W1	44–47	100	2.5	13.6		X
ARS M8-49 W1	45–49	100	2.5	13.2		X
ARS M8-51 W1	48–51	100	2.5	13.2		X
ARS M8-54 W1	51–54	100	2.5	13.2		X
ARS M8-55 W1	52–55	100	2.5	13.6		X
ARS M8-58 W1	55–58	100	2.5	13.2		X
ARS M8-64 W1	61–64	100	2.5	13.2		X
ARS M8-71 W1	68–71	100	2.5	13.2		X
ARS M10-64 W1	60–64	100	3.0	15.0	20–25 Nm	X
ARS M10-71 W1	67–71.5	100	3.0	15.0		X
ARS M12-114 W1	106–114	50	3.0	19.0	35–40 Nm	X

* Refer to diagram on p. 63

Enquiries/ordering:

When making enquiries or placing orders please indicate as follows:

	1. Type	2. Bolt	3. Clamping Range	4. Material
Example	ARS	M8	47	W1

NORMACONNECT® – Pipe Connections

NORMACONNECT® RS/DIN Exhaust pipe clamps to DIN 71 555

RS/DIN clamps offer an alternative to our ARS exhaust pipe clamps. They are used to safely connect pipes which are fitted into each other.

Due to its simple design, the clamp can be fitted with an additional bracket and is then suitable for use as a retaining clamp.

Short description of technical features



1 Optional attachment of brackets
= the clamps can be used for fastening and/or retaining objects

2 The clamps are supplied without bolt
= bolts can be chosen as required

3 Simple design
= hose protection
= easy handling

Materials

W1*	W2	W3	W4	W5
X		X**	X**	X**

* No chromium VI used for surface treatment

** On request

Bolt

The clamps are supplied without bolt and nut.
Required bolt sizes: M 8 or M 10

NORMACONNECT® – Pipe Connections

Technical features

Corrosion resistance

Material	Corrosion resistance in salt spray testing
W1	Min. 144 h



Applications

- Connecting pipes that are fitted into each other
- Connecting exhaust pipes and silencers

NORMACONNECT® – Pipe Connections

Survey of sizes, band widths & materials NORMACONNECT® RS/DIN

Band width (mm)	Description	Clamping diameter in mm	Packaging IC	W1
20	RS 30.2 DIN 71 555 W1	30.2	100	X
20	RS 32.2 DIN 71 555 W1	32.2	100	X
20	RS 35.2 DIN 71 555 W1	35.2	100	X
20	RS 37.2 DIN 71 555 W1	37.2	100	X
25	RS 40.3 DIN 71 555 W1	40.3	100	X
25	RS 42.3 DIN 71 555 W1	42.3	100	X
25	RS 45.5 DIN 71 555 W1	45.5	100	X
25	RS 48.5 DIN 71 555 W1	48.5	100	X
25	RS 50.5 DIN 71 555 W1	50.5	100	X
25	RS 53.5 DIN 71 555 W1	53.5	100	X
25	RS 55.5 DIN 71 555 W1	55.5	100	X
25	RS 58.5 DIN 71 555 W1	58.5	100	X
25	RS 60.5 DIN 71 555 W1	60.5	100	X
25	RS 63.5 DIN 71 555 W1	63.5	100	X
25	RS 65.5 DIN 71 555 W1	65.5	100	X
25	RS 68.5 DIN 71 555 W1	68.5	100	X
30	RS 70.5 DIN 71 555 W1	70.5	100	X
30	RS 73.5 DIN 71 555 W1	73.5	100	X
30	RS 75.5 DIN 71 555 W1	75.5	100	X
30	RS 78.5 DIN 71 555 W1	78.5	100	X
30	RS 80.5 DIN 71 555 W1	80.5	100	X
30	RS 85.5 DIN 71 555 W1	85.5	100	X
30	RS 89.5 DIN 71 555 W1	89.5	100	X
30	RS 90.5 DIN 71 555 W1	90.5	100	X
30	RS 94.5 DIN 71 555 W1	94.5	100	X
30	RS 100.5 DIN 71 555 W1	100.5	100	X
30	RS 104.5 DIN 71 555 W1	104.5	100	X
30	RS 110.5 DIN 71 555 W1	110.5	100	X
30	RS 114.5 DIN 71 555 W1	114.5	100	X
30	RS 120.5 DIN 71 555 W1	120.5	100	X
30	RS 124.5 DIN 71 555 W1	124.5	100	X

IC = industrial carton

Enquiries/ordering:

When making enquiries or placing orders please indicate as follows:

	1. Type	2. Clamping diameter	3. DIN	4. Material
Example	RS	30.2	71 555	W1