

1 Powerful clamping brackets structure

Bridge

2

DIN 3016, DIN 3017

Thanks to their robust clamping brackets structure featuring metric bolts, NORMACLAMP® S/SP clamps provide a high level of clamping force. The two-part version is recommended for exceptionally high pressure and tensile loads.



Advantages at a glance

- High level of clamping force
- Even contact pressure
- Elbow fittings, brackets or lugs can be attached
- Clamps can be fitted with a rubber profile to absorb vibrations and protect against the ingress of creeping water

Applications

- Machine building
- Chemical industry
- Irrigation systems
- Ship manufacturing
- Railway industry
- Agricultural machines
- Building machines
- Engine manufacturing
- Pump and filter

Materials

W1	W2	W3	W4	W5
x			x*	x

*Only for the 30 mm band width

Material	Corrosion resistance in salt spray testing
W1	Min. 72 h
W5	Min. 400 h

NORMACLAMP® S/SP					
Band width b ₁	Minimum Ø in mm	Material thickness in mm			
		S		SP	
		W1	W5	W1	W5
5	5	0.2	–	0.2	–
7	6	0.3/0.4	0.4	0.4	0.4
9	9	0.4	0.4	0.6	0.4
12	12	0.5	0.5	0.7	0.5
15	20	0.6	0.6	0.8	0.6
20	25	1.0	0.8	(up to ø 47) 1.0 (from ø 48) 1.25	0.8
25	50	1.25	1.0	1.25/1.5	1

Bolts

NORMACLAMP® S/SP			
Band width mm	Zy	Sz	Sk
5	M 2x12		
7	M 3x16		
9	M 4x22	M 4 x 20	
12		M 5x25	
15		M 6x30	
20		M 8x40	
25			M 10x45

Static torques

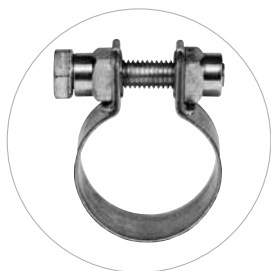
NORMACLAMP® S/SP		
Band width b ₁ mm	Static tightening torque Nm	Static test torque Nm
	max.	
7	0.5	0.6
9	1.2	1.5
12	1.5	1.8
15	4	4.8
20	12	14.5
25	30	36

Static torques according to DIN 3017-2

Technical data & Ordering information

NORMACLAMP® S															
Clamping diameter, mm	W1 Product No.								W4 Product No.	W5 Product No.					
	Band width								Band width	Band width					
	5 mm Zy	7 mm Zy	9 mm Zy	12 mm Sz	15 mm Sz	20 mm Sz	25 mm Sz	30 mm Sz	30 mm Sz	7 mm Zy	9 mm Zy	12 mm Sz	15 mm Sz	20 mm Sz	25 mm Sz
up to 9	0100 8980 ...														
up to 10		0110 8980 ...	0120 8980 ...							0110 0700 ...	0120 0700 ...				
from 15			0120 8980 ...	0130 0005 ...	0140 0000 ...						0120 0700 ...	0130 0705 ...	0140 0700 ...		
up to 20			0120 8980 ...	0130 0005 ...	0140 0000 ...						0120 0700 ...	0130 0705 ...	0140 0700 ...		
up to 28			0120 8980 ...	0130 0005 ...	0140 0000 ...						0120 0700 ...	0130 0705 ...	0140 0700 ...		
up to 30			0120 8980 ...		0140 0000 ...						0120 0700 ...		0140 0700 ...		
from 36			0120 8980 ...		0140 0000 ...	0150 0000 ...					0120 0700 ...		0140 0700 ...	0150 0700 ...	
up to 40			0120 8980 ...		0140 0000 ...	0150 0000 ...					0120 0700 ...		0140 0700 ...	0150 0700 ...	
up to 50			0120 8980 ...		0140 0000 ...	0150 0000 ...	0160 0000 ...				0120 0700 ...		0140 0700 ...	0150 0700 ...	0160 0700 ...
up to 60			0120 8980 ...		0140 0000 ...	0150 0000 ...	0160 0000 ...				0120 0700 ...		0140 0700 ...	0150 0700 ...	0160 0700 ...
up to 70			0120 8980 ...		0140 0000 ...	0150 0000 ...	0160 0000 ...				0120 0700 ...		0140 0700 ...	0150 0700 ...	0160 0700 ...
up to 75			0120 8980 ...		0140 0000 ...	0150 0000 ...	0160 0000 ...	0180 0000 ...	0180 0700 ...		0120 0700 ...		0140 0700 ...	0150 0700 ...	0160 0700 ...
up to 80					0140 0000 ...	0150 0000 ...	0160 0000 ...	0180 0000 ...	0180 0700 ...				0140 0700 ...	0150 0700 ...	0160 0700 ...
up to 90					0140 0000 ...	0150 0000 ...	0160 0000 ...	0180 0000 ...	0180 0700 ...				0140 0700 ...	0150 0700 ...	0160 0700 ...
up to 100					0140 0000 ...	0150 0000 ...	0160 0000 ...	0180 0000 ...	0180 0700 ...				0140 0700 ...	0150 0700 ...	0160 0700 ...
up to 110						0150 0000 ...	0160 0000 ...	0180 0000 ...	0180 0700 ...					0150 0700 ...	0160 0700 ...
up to 120						0150 0000 ...	0160 0000 ...	0180 0000 ...	0180 0700 ...					0150 0700 ...	0160 0700 ...
up to 130						0150 0000 ...		0180 0000 ...	0180 0700 ...					0150 0700 ...	
up to 140						0150 0000 ...		0180 0000 ...	0180 0700 ...					0150 0700 ...	
up to 150						0150 0000 ...		0180 0000 ...	0180 0700 ...					0150 0700 ...	
up to 160						0150 0000 ...		0180 0000 ...	0180 0700 ...					0150 0700 ...	
up to 170						0150 0000 ...		0180 0000 ...	0180 0700 ...					0150 0700 ...	
up to 180						0150 0000 ...		0180 0000 ...	0180 0700 ...					0150 0700 ...	
up to 190						0150 0000 ...		0180 0000 ...	0180 0700 ...					0150 0700 ...	
up to 200						0150 0000 ...		0180 0000 ...	0180 0700 ...					0150 0700 ...	

... = Ø without decimals in mm
Additional diameters available on request

SP Simple

NORMACLAMP® SP Simple is suitable for attaching rubber and plastic hoses as well as rubber sleeves to pipe ends or hose spigots. This clamp can be used for clamping containers, pipes and cables.

Materials

W1, W5 on request

SP Double

NORMACLAMP® SP Double enables larger diameters to be clamped easily thanks to its multi-part design.

Materials

W1, W5 on request

SPGU

NORMACLAMP® SPGU has a rubber profile that protects against vibration and creeping water. It is also sound-absorbent and protects against contact corrosion.

Materials

W1, W5 on request

