

NORMACLAMP® S/SP

Hose clamps (NORMACLAMP® S) according to DIN 3017,
retaining clamps (NORMACLAMP® SP) according to DIN 3016

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.

1 Powerful clamping brackets structure

- high level of clamping force
- excellent sealing properties

2 Bridge

- optimum hose protection



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 in order 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

NORMACLAMP® S/SP

Versions

NORMACLAMP® S/SP

NORMACLAMP® S products are suitable for attaching rubber and plastic hoses as well as rubber sleeves to pipe ends or hose spigots. Even larger diameters can be clamped with ease thanks to multiple-part versions of the clamps. The progressive ratio in this case is 1 mm.

NORMACLAMP® SP are suitable for clamping containers, pipes and cables.

NORMACLAMP® S



NORMACLAMP® SP



Materials

W1	W2	W3	W4	W5
x				x

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

NORMACLAMP® S/SP					
Band width b ₁	Minimum diameter 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

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Bolt

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

In acc. with DIN 3017-2

NORMACLAMP® S/SP

Sizes,
band widths
& materials

NORMACLAMP® S									
Clamping diameter, mm	Band width							W1	W5
	5 mm Zy	7 mm Zy	9 mm Zy	12 mm Sz	15 mm Sz	20 mm Sz	25 mm Sk		
up to 9	X							X	
up to 10		X	X					X	X
from 15			X	X	X			X	X
up to 20			X	X	X			X	X
up to 28			X	X	X			X	X
up to 30			X		X			X	X
from 36			X		X	X		X	X
up to 40			X		X	X		X	X
up to 50			X		X	X	X	X	X
up to 60			X		X	X	X	X	X
up to 70			X		X	X	X	X	X
up to 75			X		X	X	X	X	X
up to 80					X	X	X	X	X
up to 90					X	X	X	X	X
up to 100					X	X	X	X	X
up to 110						X	X	X	X
up to 120						X	X	X	X
up to 130						X		X	X
up to 140						X		X	X
up to 150						X		X	X
up to 160						X		X	X
up to 170						X		X	X
up to 180						X		X	X
up to 190						X		X	X
up to 200						X		X	X

NORMACLAMP® SP									
Clamping diameter, mm	Band width							W1	W5
	5 mm Zy	7 mm Zy	9 mm Zy	12 mm Sz	15 mm Sz	20 mm Sz	25 mm Sk		
up to 9	X							X	
up to 10		X	X					X	X
from 15			X	X	X			X	X
up to 20			X	X	X			X	X
up to 28			X	X	X			X	X
up to 30			X		X			X	X
from 36			X		X	X		X	X
up to 40			X		X	X		X	X
up to 50			X		X	X	X	X	X
up to 60			X		X	X	X	X	X
up to 70			X		X	X	X	X	X
up to 75			X		X	X	X	X	X
up to 80					X	X	X	X	X
up to 90					X	X	X	X	X
up to 100					X	X	X	X	X
up to 110						X	X	X	X
up to 120						X	X	X	X
up to 130						X		X	X
up to 140						X		X	X
up to 150						X		X	X
up to 160						X		X	X
up to 170						X		X	X
up to 180						X		X	X
up to 190						X		X	X
up to 200						X		X	X

The progressive ratio is 1 mm.



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