

- 1 Powerful clamping brackets structure**
  - high level of clamping force
  - excellent sealing properties
- 2 Bridge**
  - optimal hose protection

## 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

\* 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 <sub>1</sub>	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 <sub>1</sub> 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 &amp; Ordering information

NORMACLAMP® S										
Clamping diameter, mm	W1 Product No.					W5 Product No.				
	Band width					Band width				
	7 mm Zy	9 mm Zy	12 mm Sz	15 mm Sz	20 mm Sz	7 mm Zy	9 mm Zy	12 mm Sz	15 mm Sz	20 mm Sz
6	0110 8980 006					0110 0700 006				
7	0110 8980 007					0110 0700 007				
8	0110 8980 008					0110 0700 008				
9	0110 8980 009	0120 8980 009				0110 0700 009	0120 0700 009			
10	0110 8980 010	0120 8980 010				0110 0700 010	0120 0700 010			
11	0110 8980 011	0120 8980 011				0110 0700 011	0120 0700 011			
12	0110 8980 012	0120 8980 012	0130 0005 012			0110 0700 012	0120 0700 012	0130 0705 012		
13		0120 8980 013	0130 0005 013				0120 0700 013	0130 0705 013		
14		0120 8980 014	0130 0005 014				0120 0700 014	0130 0705 014		
15		0120 8980 015	0130 0005 015				0120 0700 015	0130 0705 015		
16		0120 8980 016	0130 0005 016				0120 0700 016	0130 0705 016		
17		0120 8980 017	0130 0005 017				0120 0700 017	0130 0705 017		
18		0120 8980 018	0130 0005 018				0120 0700 018	0130 0705 018		
19		0120 8980 019	0130 0005 019	0140 0000 019			0120 0700 019	0130 0705 019	0140 0700 019	
20		0120 8980 020	0130 0005 020	0140 0000 020			0120 0700 020	0130 0705 020	0140 0700 020	
21		0120 8980 021	0130 0005 021	0140 0000 021			0120 0700 021	0130 0705 021	0140 0700 021	
22		0120 8980 022	0130 0005 022	0140 0000 022			0120 0700 022	0130 0705 022	0140 0700 022	
23		0120 8980 023	0130 0005 023	0140 0000 023			0120 0700 023	0130 0705 023	0140 0700 023	
24		0120 8980 024	0130 0005 024	0140 0000 024			0120 0700 024	0130 0705 024	0140 0700 024	
25		0120 8980 025	0130 0005 025	0140 0000 025			0120 0700 025	0130 0705 025	0140 0700 025	
26		0120 8980 026	0130 0005 026	0140 0000 026			0120 0700 026	0130 0705 026	0140 0700 026	
27		0120 8980 027	0130 0005 027	0140 0000 027			0120 0700 027	0130 0705 027	0140 0700 027	
28		0120 8980 028	0130 0005 028	0140 0000 028			0120 0700 028	0130 0705 028	0140 0700 028	
29		0120 8980 029	0130 0005 029	0140 0000 029			0120 0700 029	0130 0705 029	0140 0700 029	
30		0120 8980 030	0130 0005 030	0140 0000 030	0150 0000 030		0120 0700 030	0130 0705 030	0140 0700 030	0150 0700 030
31		0120 8980 031	0130 0005 031	0140 0000 031	0150 0000 031			0130 0705 031	0140 0700 031	0150 0700 031
32		0120 8980 032	0130 0005 032	0140 0000 032	0150 0000 032			0130 0705 032	0140 0700 032	0150 0700 032
33				0140 0000 033	0150 0000 033			0130 0705 033	0140 0700 033	0150 0700 033
34				0140 0000 034	0150 0000 034			0130 0705 034	0140 0700 034	0150 0700 034
35				0140 0000 035	0150 0000 035			0130 0705 035	0140 0700 035	0150 0700 035
36				0140 0000 036	0150 0000 036				0140 0700 036	0150 0700 036
37					0150 0000 037				0140 0700 037	0150 0700 037
38					0150 0000 038				0140 0700 038	0150 0700 038

Additional diameters available on request.

Available in W4 on request.

Available in 25 mm and 30 mm band width on request.

NORMACLAMP® S										
Clamping diameter, mm	W1 Product No.					W5 Product No.				
	Band width					Band width				
	7 mm Zy	9 mm Zy	12 mm Sz	15 mm Sz	20 mm Sz	7 mm Zy	9 mm Zy	12 mm Sz	15 mm Sz	20 mm Sz
39					0150 0000 039				0140 0700 039	0150 0700 039
40					0150 0000 040				0140 0700 040	0150 0700 040
41					0150 0000 041					0150 0700 041
42					0150 0000 042					0150 0700 042
43					0150 0000 043					0150 0700 043
44					0150 0000 044					0150 0700 044
45					0150 0000 045					0150 0700 045
46					0150 0000 046					0150 0700 046
47					0150 0000 047					0150 0700 047
48					0150 0000 048					0150 0700 048
49					0150 0000 049					0150 0700 049
50					0150 0000 050					0150 0700 050
51					0150 0000 051					0150 0700 051
52					0150 0000 052					0150 0700 052
53					0150 0000 053					0150 0700 053
54					0150 0000 054					0150 0700 054
55					0150 0000 055					0150 0700 055
56					0150 0000 056					0150 0700 056
57					0150 0000 057					0150 0700 057
58					0150 0000 058					0150 0700 058
59					0150 0000 059					0150 0700 059
60					0150 0000 060					0150 0700 060
61					0150 0000 061					0150 0700 061
62					0150 0000 062					0150 0700 062
63					0150 0000 063					0150 0700 063
64					0150 0000 064					0150 0700 064
65					0150 0000 065					0150 0700 065
66					0150 0000 066					0150 0700 066
67					0150 0000 067					0150 0700 067
68					0150 0000 068					0150 0700 068
69					0150 0000 069					0150 0700 069
70					0150 0000 070					0150 0700 070
71					0150 0000 071					
72					0150 0000 072					
73					0150 0000 073					
74					0150 0000 074					
75					0150 0000 075					
76					0150 0000 076					
77					0150 0000 077					
78					0150 0000 078					
79					0150 0000 079					
80					0150 0000 080					
81					0150 0000 081					
82					0150 0000 082					
83					0150 0000 083					
84					0150 0000 084					
85					0150 0000 085					
86					0150 0000 086					
87					0150 0000 087					
88					0150 0000 088					

Additional diameters available on request.  
 Available in W4 on request.  
 Available in 25 mm and 30 mm band width on request.

NORMACLAMP® S										
Clamping diameter, mm	W1 Product No.					W5 Product No.				
	Band width					Band width				
	7 mm Zy	9 mm Zy	12 mm Sz	15 mm Sz	20 mm Sz	7 mm Zy	9 mm Zy	12 mm Sz	15 mm Sz	20 mm Sz
89					0150 0000 089					
90					0150 0000 090					
91					0150 0000 091					
92					0150 0000 092					
93					0150 0000 093					
94					0150 0000 094					
95					0150 0000 095					
96					0150 0000 096					
97					0150 0000 097					
98					0150 0000 098					
99					0150 0000 099					
100					0150 0000 100					
101					0150 0000 101					
102					0150 0000 102					
103					0150 0000 103					
104					0150 0000 104					
105					0150 0000 105					
106					0150 0000 106					
107					0150 0000 107					
108					0150 0000 108					
109					0150 0000 109					
110					0150 0000 110					
111					0150 0000 111					
112					0150 0000 112					
113					0150 0000 113					
114					0150 0000 114					
115					0150 0000 115					
116					0150 0000 116					
117					0150 0000 117					
118					0150 0000 118					
119					0150 0000 119					
120					0150 0000 120					

Additional diameters available on request.  
 Available in W4 on request.  
 Available in 25 mm and 30 mm band width on request.

### SP Single



NORMACLAMP® SP Single 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