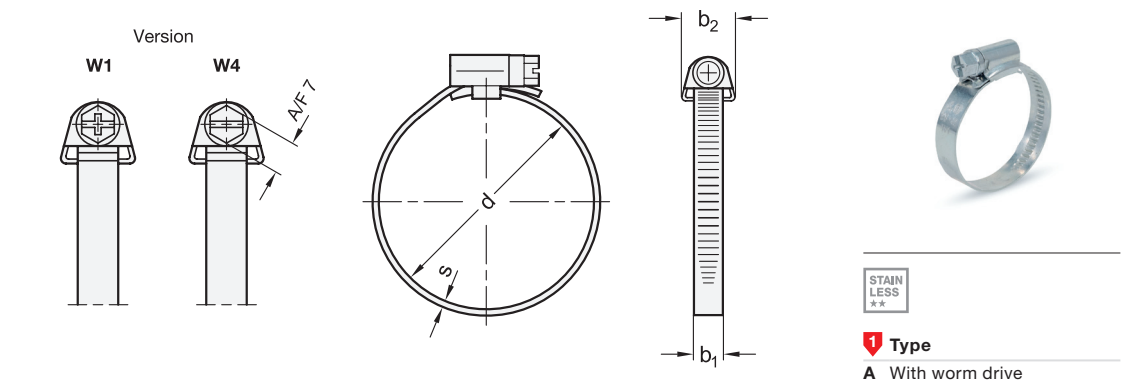




Band width $b_1 = 9$						
d	Clamping range $\varnothing$	d	Clamping range $\varnothing$	b_1	b_2	s
Nominal dimension		Nominal dimension				Max. tightening torque in Nm $\approx$
12	8...12	16	10...16	9	11,5	0,7 2
20	12...20	22	12...22	9	11,5	0,7 3
25	16...25	27	16...27	9	11,5	0,7 3
32	20...32	35	23...35	9	11,5	0,7 3
40	25...40	45	30...45	9	11,5	0,7 3
50	32...50	60	40...60	9	11,5	0,8 3
70	50...70	80	60...80	9	11,5	0,8 3
90	70...90	100	80...100	9	11,5	0,8 3
110	90...110	120	100...120	9	11,5	0,8 3
130	110...130	-	-	9	11,5	0,8 3

Specification

Steel

Zinc plated, blue passivated

Stainless steel AISI 304

RoHS

W1

W4

On request

• Additional clamping ranges

• Other materials

Band width $b_1 = 12$						
d	Clamping range $\varnothing$	d	Clamping range $\varnothing$	b_1	b_2	s
Nominal dimension		Nominal dimension				Max. tightening torque in Nm $\approx$
20	12...20	22	12...22	12	14,3	0,8 5
25	16...25	27	16...27	12	14,3	0,8 5
32	20...32	35	23...35	12	14,3	0,8 5
40	25...40	45	30...45	12	14,3	0,8 5
50	32...50	60	40...60	12	14,3	1 5
70	50...70	80	60...80	12	14,3	1 5
90	70...90	100	80...100	12	14,3	1 5
110	90...110	120	100...120	12	14,3	1 5
130	110...130	-	-	12	14,3	1 5

Hose clamps DIN 3017 secure hose assemblies onto hose barbs and hose nipples. The worm drive engaged with the band shortens the band length when tightened. This presses onto the elastic hose material to maintain a tight connection and prevent the clamp from slipping. The hose clamps have a large clamping range.

The pull-off force and leak-tightness of the connection depend significantly on the nature of the hose and the geometry of the nipple and are enhanced by correct assembly. The actual clamping diameter should be close to the maximum nominal diameter of the hose clamp so that the band overhang stays small.

The recommended tightening torque refers to the hose clamp. Depending on the hose material, the hose clamp should be tightened only far enough to avoid damaging the hose.

see also...

DIN 3016 Loose Clamps (Steel, with Elastomer Insert)

DIN 3017 T-Bolt Hose Clamps (Steel / Stainless Steel)

GN 3017.5 Spring Clamps (Steel)

ganternorm.com

Technical Information

Stainless Steel Characteristics

How to order

1

2

3

4

DIN 3017-A-20-12-W1

1	Type
2	d
3	b_1
4	Material