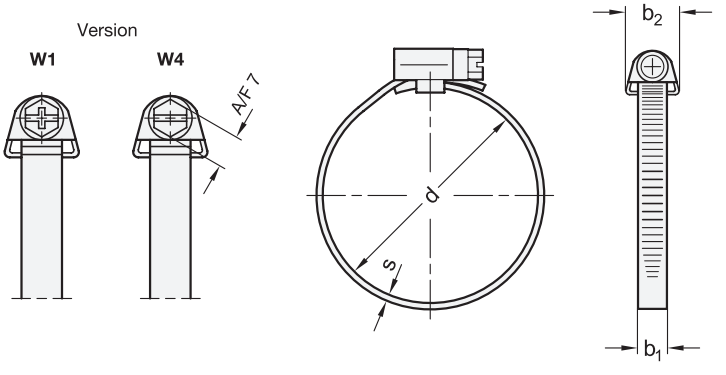


Metric



SS Stainless Steel

1 Type

A With worm drive

Specification

Steel Zinc plated, blue passivated finsih	**W1**
Stainless steel AISI 304	**W4**

RoHS

On request

- Additional clamping ranges
- Other materials

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...	Page
DIN 3016 Loop Clamps (Steel, with Elastomer Insert)	QVX
DIN 3017 T-Bolt Hose Clamps (Steel / Stainless Steel)	QVX
GN 3017.5 Spring Clamps (Steel)	QVX

Technical Information

Stainless Steel Characteristics	QVX

How to order

1 2 3 4

DIN 3017-A-20-12-W1

1	Type
2	Diameter d
3	Band width b_1
4	Material

⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov

[2] [2] [3]

Band width b_1 = 9

d		d		b_1	b_2	s	Max. tightening torque in Nm ≈
Nominal dimension	Clamping range Ø	Nominal dimension	Clamping range Ø				
12 0.47	8...12 0.31...0.47	16 0.63	10...16 0.39...0.63	9 0.35	11.5 0.45	0.7 0.03	2 N 0.45 lbf
20 0.79	12...20 0.47...0.79	22 0.87	12...22 0.47...0.87	9 0.35	11.5 0.45	0.7 0.03	3 N 0.67 lbf
25 0.98	16...25 0.63...0.98	27 1.06	16...27 0.91...1.38	9 0.35	11.5 0.45	0.7 0.03	3 N 0.67 lbf
32 1.26	20...32 0.79...1.26	35 1.38	23...35 0.91...1.38	9 0.35	11.5 0.45	0.7 0.03	3 N 0.67 lbf
40 1.57	25...40 0.98...1.57	45 1.77	30...45 1.18...1.77	9 0.35	11.5 0.45	0.7 0.03	3 N 0.67 lbf
50 1.97	32...50 1.26...1.97	60 2.36	40...60 1.57...2.36	9 0.35	11.5 0.45	0.8 0.03	3 N 0.67 lbf
70 2.76	50...70 1.97...2.76	80 3.15	60...80 2.36...3.15	9 0.35	11.5 0.45	0.8 0.03	3 N 0.67 lbf
110 4.33	70...90 2.76...3.54	100 3.94	80...100 3.15...3.94	9 0.35	11.5 0.45	0.8 0.03	3 N 0.67 lbf
110 4.33	90...110 3.54...4.33	120 4.72	100...120 3.94...4.72	9 0.35	11.5 0.45	0.8 0.03	3 N 0.67 lbf
130 5.12	110...130 4.33...5.12	-	-	9 0.35	11.5 0.45	0.8 0.03	3 N 0.67 lbf

[2] [2] [3]

Band width b_1 = 12

d		d		b_1	b_2	s	Max. tightening torque in Nm ≈
Nominal dimension	Clamping range Ø	Nominal dimension	Clamping range Ø				
20 0.79	12...20 0.47...0.79	22 0.87	12...22 0.47...0.87	12 0.47	14.3 0.56	0.8 0.03	5 N 1.12 lbf
25 0.98	16...25 0.63...0.98	27 1.06	16...27 0.63...1.06	12 0.47	14.3 0.56	0.8 0.03	5 N 1.12 lbf
32 1.26	20...32 0.79...1.26	35 1.38	23...35 0.91...1.38	12 0.47	14.3 0.56	0.8 0.03	5 N 1.12 lbf
40 1.57	25...40 0.98...1.57	45 1.77	30...45 1.18...1.77	12 0.47	14.3 0.56	0.8 0.03	5 N 1.12 lbf
50 1.97	32...50 1.26...1.97	60 2.36	40...60 1.57...2.36	12 0.47	14.3 0.56	1 0.04	5 N 1.12 lbf
70 2.76	50...70 1.97...2.76	80 3.15	60...80 2.36...3.15	12 0.47	14.3 0.56	1 0.04	5 N 1.12 lbf
90 3.54	70...90 2.76...3.54	100 3.94	80...100 3.15...3.94	12 0.47	14.3 0.56	1 0.04	5 N 1.12 lbf
110 4.33	90...110 3.54...4.33	120 4.72	100...120 3.94...4.72	12 0.47	14.3 0.56	1 0.04	5 N 1.12 lbf
130 5.12	110...130 4.33...5.12	-	-	12 0.47	14.3 0.56	1 0.04	5 N 1.12 lbf

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