Hose Clamps

Steel / Stainless Steel



SPECIFICATION

Type
- Type **A**: With worm drive

Steel W1
Zinc plated, blue passivated

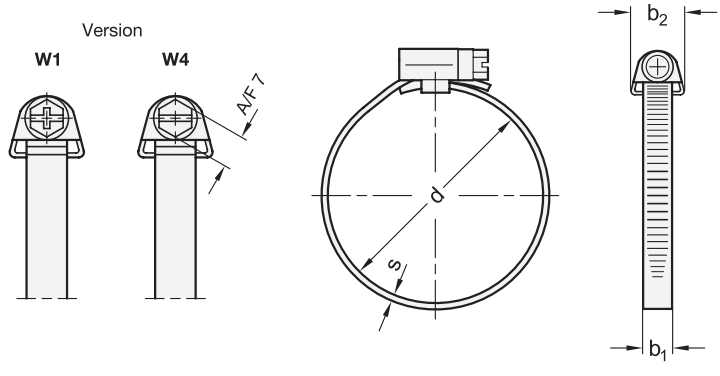
Stainless steel AISI 304 W4

INFORMATION

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.

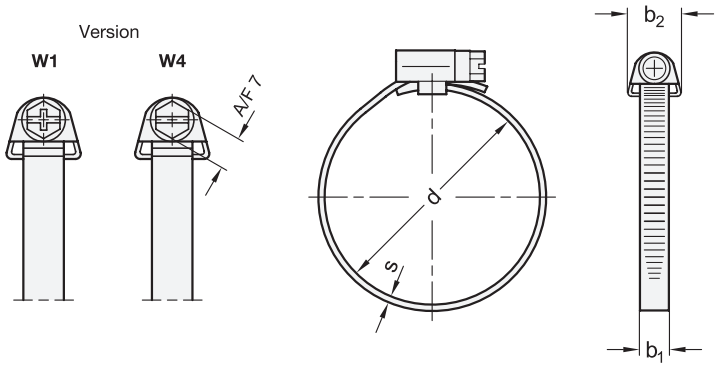
ON REQUEST
- Additional clamping ranges
- Other materials

TECHNICAL INFORMATION
- Stainless Steel Characteristics (see page A26)



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DIN 3017 | Hose Clamps

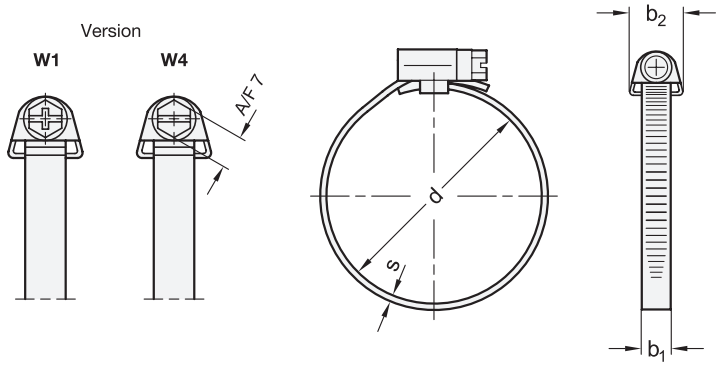


DIN 3017-A-W1

Description	d Nominal dimension	d Clamping range Ø	b_1	b_2	s	Max. tightening torque in Nm ≈	⚖
DIN 3017-A-12-9-W1	12	8...12	9	11.5	0.7	2	10
DIN 3017-A-16-9-W1	16	10...16	9	11.5	0.7	2	10
DIN 3017-A-20-9-W1	20	12...20	9	11.5	0.7	3	12
DIN 3017-A-22-9-W1	22	12...22	9	11.5	0.7	3	14
DIN 3017-A-25-9-W1	25	16...25	9	11.5	0.7	3	12
DIN 3017-A-27-9-W1	27	16...27	9	11.5	0.7	3	13
DIN 3017-A-32-9-W1	32	20...32	9	11.5	0.7	3	14
DIN 3017-A-35-9-W1	35	23...35	9	11.5	0.7	3	14
DIN 3017-A-40-9-W1	40	25...40	9	11.5	0.7	3	16
DIN 3017-A-45-9-W1	45	30...45	9	11.5	0.7	3	16
DIN 3017-A-50-9-W1	50	32...50	9	11.5	0.8	3	24
DIN 3017-A-60-9-W1	60	40...60	9	11.5	0.8	3	26
DIN 3017-A-70-9-W1	70	50...70	9	11.5	0.8	3	27
DIN 3017-A-80-9-W1	80	60...80	9	11.5	0.8	3	31
DIN 3017-A-90-9-W1	90	70...90	9	11.5	0.8	3	30
DIN 3017-A-100-9-W1	100	80...100	9	11.5	0.8	3	32
DIN 3017-A-110-9-W1	110	90...110	9	11.5	0.8	3	34
DIN 3017-A-120-9-W1	120	100...120	9	11.5	0.8	3	36
DIN 3017-A-130-9-W1	130	110...130	9	11.5	0.8	3	38
DIN 3017-A-20-12-W1	20	12...20	12	14.3	0.8	5	20
DIN 3017-A-22-12-W1	22	12...22	12	14.3	0.8	5	20
DIN 3017-A-25-12-W1	25	16...25	12	14.3	0.8	5	21
DIN 3017-A-27-12-W1	27	16...27	12	14.3	0.8	5	22
DIN 3017-A-32-12-W1	32	20...32	12	14.3	0.8	5	23
DIN 3017-A-35-12-W1	35	23...35	12	14.3	0.8	5	24
DIN 3017-A-40-12-W1	40	25...40	12	14.3	0.8	5	25
DIN 3017-A-45-12-W1	45	30...45	12	14.3	0.8	5	26
DIN 3017-A-50-12-W1	50	32...50	12	14.3	1	5	36
DIN 3017-A-60-12-W1	60	40...60	12	14.3	1	5	37
DIN 3017-A-70-12-W1	70	50...70	12	14.3	1	5	40
DIN 3017-A-80-12-W1	80	60...80	12	14.3	1	5	45
DIN 3017-A-90-12-W1	90	70...90	12	14.3	1	5	46
DIN 3017-A-100-12-W1	100	80...10	12	14.3	1	5	48
DIN 3017-A-110-12-W1	110	90...110	12	14.3	1	5	51
DIN 3017-A-120-12-W1	120	100...120	12	14.3	1	5	54
DIN 3017-A-130-12-W1	130	110...130	12	14.3	1	5	57

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DIN 3017 | Hose Clamps



DIN 3017-A-W4 **STAINLESS STEEL**

Description	d Nominal dimension	d Clamping range Ø	b_1	b_2	s	Max. tightening torque in Nm ≈	⚖
DIN 3017-A-12-9-W4	12	8...12	9	11.5	0.7	2	10
DIN 3017-A-16-9-W4	16	10...16	9	11.5	0.7	2	10
DIN 3017-A-20-9-W4	20	12...20	9	11.5	0.7	3	12
DIN 3017-A-22-9-W4	22	12...22	9	11.5	0.7	3	12
DIN 3017-A-25-9-W4	25	16...25	9	11.5	0.7	3	12
DIN 3017-A-27-9-W4	27	16...27	9	11.5	0.7	3	12
DIN 3017-A-32-9-W4	32	20...32	9	11.5	0.7	3	14
DIN 3017-A-35-9-W4	35	23...35	9	11.5	0.7	3	14
DIN 3017-A-40-9-W4	40	25...40	9	11.5	0.7	3	14
DIN 3017-A-45-9-W4	45	30...45	9	11.5	0.7	3	16
DIN 3017-A-50-9-W4	50	32...50	9	11.5	0.8	3	24
DIN 3017-A-60-9-W4	60	40...60	9	11.5	0.8	3	26
DIN 3017-A-70-9-W4	70	50...70	9	11.5	0.8	3	27
DIN 3017-A-80-9-W4	80	60...80	9	11.5	0.8	3	29
DIN 3017-A-90-9-W4	90	70...90	9	11.5	0.8	3	30
DIN 3017-A-100-9-W4	100	80...100	9	11.5	0.8	3	32
DIN 3017-A-110-9-W4	110	90...110	9	11.5	0.8	3	34
DIN 3017-A-120-9-W4	120	100...120	9	11.5	0.8	3	36
DIN 3017-A-130-9-W4	130	110...130	9	11.5	0.8	3	38
DIN 3017-A-20-12-W4	20	12...20	12	14.3	0.8	5	20
DIN 3017-A-22-12-W4	22	12...22	12	14.3	0.8	5	20
DIN 3017-A-25-12-W4	25	16...25	12	14.3	0.8	5	22
DIN 3017-A-27-12-W4	27	16...27	12	14.3	0.8	5	22
DIN 3017-A-32-12-W4	32	20...32	12	14.3	0.8	5	23
DIN 3017-A-35-12-W4	35	23...35	12	14.3	0.8	5	24
DIN 3017-A-40-12-W4	40	25...40	12	14.3	0.8	5	25
DIN 3017-A-45-12-W4	45	30...45	12	14.3	0.8	5	26
DIN 3017-A-50-12-W4	50	32...50	12	14.3	1	5	34
DIN 3017-A-60-12-W4	60	40...60	12	14.3	1	5	37
DIN 3017-A-70-12-W4	70	50...70	12	14.3	1	5	40
DIN 3017-A-80-12-W4	80	60...80	12	14.3	1	5	43
DIN 3017-A-90-12-W4	90	70...90	12	14.3	1	5	46
DIN 3017-A-100-12-W4	100	80...10	12	14.3	1	5	48
DIN 3017-A-110-12-W4	110	90...110	12	14.3	1	5	51
DIN 3017-A-120-12-W4	120	100...120	12	14.3	1	5	54
DIN 3017-A-130-12-W4	130	110...130	12	14.3	1	5	57

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