ASFA “S” Worm-Drive Clip

The ASFA S” W1 hose clip combines an innovative housing designed to take very high torque and a sturdy 12mm band which together make this a top-performance hose clip.

The cold-formed stamped band thread, smoothed on the underside, combined with beveled band-edges protects the hose from any damage.

The ASFA “S” W1 hose clip complies fully with the DIN 3017 norm and also with the RoHs directive EU 20032/95/EC dated 1st July 2006.

This clip is ideally for use in general industrial applications where a robust and competitively priced clip is called for. The ASFA “S” W1 is especially recommended for use in agriculture and in fluid transfer applications.

* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.

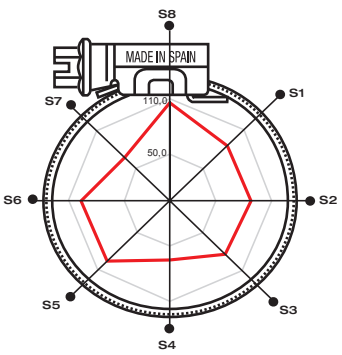
Patented Worldwide.

W1

ASFA “S” W1 Worm-Drive Clip (12mm bandwidth)

Application Ø mm	Application Ø inches	Part nº W1	L max.	s + 0,1 0	h max.	a + 0,3 a - 0,2	b max.	Max. Values* Torque (Nm)	Max. Values* Pressure (Bars)	Box Quantity (MOQ)	Packing
16-27	5/8-1-1/16	03009001	29,6	0,8	11	12,2	18,8	4,2	45,0	50	400
20-32	25/32-1-1/4	03009002	29,6	0,8	11	12,2	18,8	5,2	45,0	50	400
25-40	1-1-9/16	03009003	29,6	0,8	11	12,2	18,8	5,2	40,0	50	400
30-45	1-3/16-1-3/4	03009004	29,6	0,8	11	12,2	18,8	5,2	35,0	50	400
32-50	1-1/4-1-31/32	03009005	29,6	0,8	11	12,2	18,8	6,0	35,0	50	400
40-60	1-9/16-2-3/8	03009006	29,6	0,8	11	12,2	18,8	6,0	30,0	50	400
50-70	1-31/32-2-3/4	03009007	31,6	0,8	11	12,2	18,8	6,8	25,0	50	400
60-80	2-3/8-3-1/8	03009008	31,6	0,8	11	12,2	18,8	6,8	20,0	50	50
70-90	2-3/4-3-1/2	03009009	31,6	0,8	11	12,2	18,8	6,8	17,0	50	50
80-100	3-1/8-3-15/16	03009010	31,6	0,8	11	12,2	18,8	6,8	14,0	25	200
90-110	3-1/2-4-5/16	03009011	31,6	0,8	11	12,2	18,8	6,8	12,0	25	200
100-120	3-15/16-4-23/32	03009012	31,6	0,8	11	12,2	18,8	6,8	10,0	25	200
110-130	4-5/16-5-1/8	03009013	31,6	0,8	11	12,2	18,8	6,8	8,0	25	25
120-140	4-23/32-5-1/2	03009014	34,6	0,8	11	12,2	18,8	6,8	7,0	25	25
130-150	5-1/8-5-29/32	03009015	34,6	0,8	11	12,2	18,8	6,8	6,0	25	25
140-160	5-1/2-6-5/16	03009016	34,6	0,8	11	12,2	18,8	6,8	5,0	25	25
150-170	5-29/32-6-11/16	03009017	34,6	0,8	11	12,2	18,8	6,8	4,0	25	25
160-180	6-5/16-7-3/32	03009018	34,6	0,8	11	12,2	18,8	6,8	3,0	25	25
170-190	6-11/16-7-15/32	03009019	34,6	0,8	11	12,2	18,8	6,8	2,0	10	10
180-200	7-3/32-7-7/8	03009020	34,6	0,8	11	12,2	18,8	6,8	2,0	10	10
190-210	7-31/64-8-17/64	03009021	34,6	0,8	11	12,2	18,8	6,8	1,8	10	10
200-220	7-7/8-8-21/32	03009022	34,6	0,8	11	12,2	18,8	6,8	1,8	10	10
210-230	8-17/64- 9-1/16	03009023	34,6	0,8	11	12,2	18,8	6,8	1,6	10	10
220-240	8-21/32-9-29/64	03009024	34,6	0,8	11	12,2	18,8	6,8	1,6	10	10

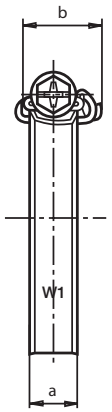
W1 Screw: Qst 36-3 Mild steel (DIN 1.0213) Silver-white Cr3 Zinc-Plated **Band and Housing:** Galvanized steel S/EN 10292 (DIN 1.0935)

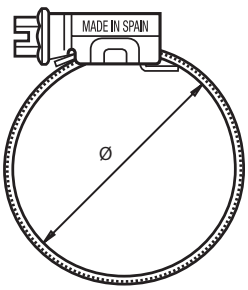


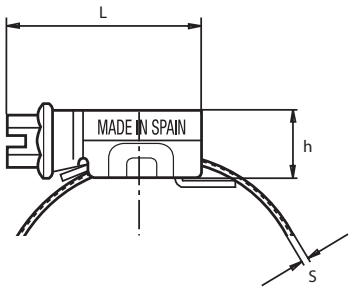
Polar Diagram

Sectors	S1	S2	S3	S4	S5	S6	S7	S8
5 Nm	86,6	87,2	83,2	64,9	93,9	96,9	67,6	105,4

Torque / Efficiency [Nm / daN]







ASFA “S” Worm-Drive Clip

The ASFA “S” W2 hose clip combines an innovative housing and a sturdy 12mm band which together make this a high-performance hose clip.
The cold-formed stamped band thread, smoothed on the underside, combined with beveled band edges protects the hose from any damage.
The (AISI-430) Stainless steel finish of the band and housing make this a very attractive clip.

The ASFA “S” W2 hose clip complies fully with the DIN3017 norm and also with the RoHs directive EU20032/95/EC dated 1st July 2006. This clip is ideally for use in automotive applications, in agriculture and in fluid transfer applications.

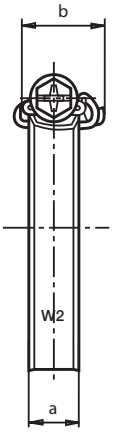
* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.
Patented Worldwide.

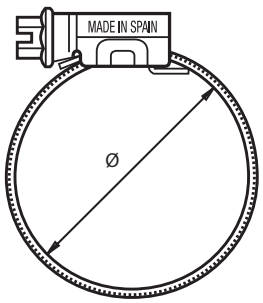
W2

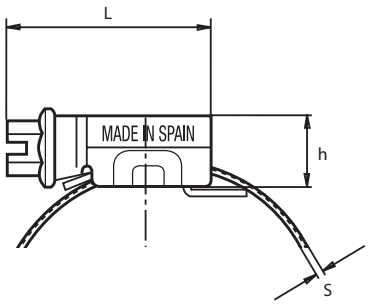
ASFA “S” W2 Worm-Drive Clip (12mm bandwidth)

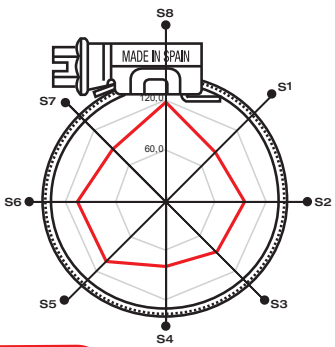
Application Ø mm	Application Ø inches	Part nº W2	L max.	s + 0,1 0	h max.	a + 0,3 a - 0,2	b max.	Max. Values* Torque (Nm)	Max. Values* Pressure (Bars)	Box Quantity (MOQ)	Packing
16-27	5/8-1-1/16	03017017	29,6	0,8	11	12,2	18,8	4,2	45,0	50	400
20-32	25/32-1-1/4	03017025	29,6	0,8	11	12,2	18,8	5,2	45,0	50	400
25-40	1-1-9/16	03017033	29,6	0,8	11	12,2	18,8	5,2	40,0	50	400
30-45	1-3/16-1-3/4	03017009	29,6	0,8	11	12,2	18,8	5,2	35,0	50	400
32-50	1-1/4-1-31/32	03017041	29,6	0,8	11	12,2	18,8	6,0	35,0	50	400
40-60	1-9/16-2-3/8	03017050	29,6	0,8	11	12,2	18,8	6,0	30,0	50	400
50-70	1-31/32-2-3/4	03017068	31,6	0,8	11	12,2	18,8	6,8	25,0	50	400
60-80	2-3/8-3-1/8	03017076	31,6	0,8	11	12,2	18,8	6,8	20,0	50	50
70-90	2-3/4-3-1/2	03017084	31,6	0,8	11	12,2	18,8	6,8	17,0	50	50
80-100	3-1/8-3-15/16	03017092	31,6	0,8	11	12,2	18,8	6,8	14,0	25	200
90-110	3-1/2-4-5/16	03017105	31,6	0,8	11	12,2	18,8	6,8	12,0	25	200
100-120	3-15/16-4-23/32	03017113	31,6	0,8	11	12,2	18,8	6,8	10,0	25	200
110-130	4-5/16-5-1/8	03017121	31,6	0,8	11	12,2	18,8	6,8	8,0	25	25
120-140	4-23/32-5-1/2	03017130	34,6	0,8	11	12,2	18,8	6,8	7,0	25	25
130-150	5-1/8-5-29/32	03017148	34,6	0,8	11	12,2	18,8	6,8	6,0	25	25
140-160	5-1/2-6-5/16	03017156	34,6	0,8	11	12,2	18,8	6,8	5,0	25	25
150-170	5-29/32-6-11/16	03017164	34,6	0,8	11	12,2	18,8	6,8	4,0	25	25
160-180	6-5/16-7-3/32	03017172	34.6	0,8	11	12,2	18,8	6,8	3,0	25	25
170-190	6-11/16-7-15/32	03017180	34,6	0,8	11	12,2	18,8	6,8	2,0	10	10
180-200	7-3/32-7-7/8	03017199	34,6	0,8	11	12,2	18,8	6,8	2,0	10	10
190-210	7-31/64-8-17/64	03017201	34,6	0,8	11	12,2	18,8	6,8	1,8	10	10
200-220	7-7/8-8-21/32	03017210	34,6	0,8	11	12,2	18,8	6,8	1,8	10	10
210-230	8-17/64- 9-1/16	03017228	34,6	0,8	11	12,2	18,8	6,8	1,6	10	10
220-240	8-21/32-9-9/64	03017236	34,6	0,8	11	12,2	18,8	6,8	1,6	10	10

W2 Screw: Qst 36-3 Mild steel (DIN 1.0213) Silver-white Cr3 Zinc-Plated **Band and Housing:** X6Cr17 Stainless steel (DIN 1.4016) (AISI-430)









Polar Diagram

Sectors	S1	S2	S3	S4	S5	S6	S7	S8
5 Nm	83,0	96,3	87,7	80,0	103,9	105,1	88,4	117,3

Torque / Efficiency [Nm / daN]

W3

ASFA “S” Worm-Drive Clip

The ASFA “S” W3 hose clip combines an innovative housing and a sturdy 12mm band (compared with 9mm in the light version) which together make this a high-performance hose clip.
The cold-formed stamped band thread, smoothed on the underside, combined with the beveled band edges protects the hose from any damage.

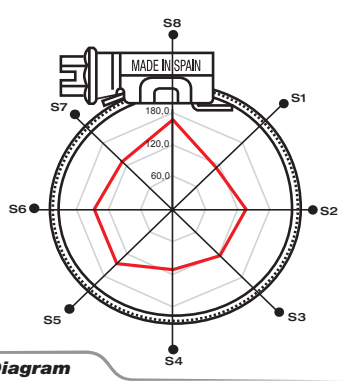
Manufactured in its entirety in AISI-430 stainless steel, the ASFA “S” W3 is a very attractive clip which complies fully with the DIN 3017 norm and also with the RoHs directive EU 2002/95/EC dated 1st July 2006. It is especially recommended for use in automotive, agricultural and fluid transfer applications.

* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.
Patented Worldwide.

ASFA “S” W3 Worm-Drive Clip (12mm bandwidth)

Application Ø mm	Application Ø inches	Part nº W3	L max.	s + 0,1 0	h max.	a + 0,3 a - 0,2	b max.	Max. Values* Torque (Nm)	Max. Values* Pressure (Bars)	Box Quantity (MOQ)	Packing
16-27	5/8-1-1/16	03016209	29,6	0,8	11	12,2	18,8	4,2	45,0	50	400
20-32	25/32-1-1/4	03016217	29,6	0,8	11	12,2	18,8	5,2	45,0	50	400
25-40	1-1-9/16	03016225	29,6	0,8	11	12,2	18,8	5,2	40,0	50	400
30-45	1-3/16-1-3/4	03016233	29,6	0,8	11	12,2	18,8	5,2	35,0	50	400
32-50	1-1/4-1-31/32	03016241	29,6	0,8	11	12,2	18,8	6,0	35,0	50	400
40-60	1-9/16-2-3/8	03016250	29,6	0,8	11	12,2	18,8	6,0	30,0	50	400
50-70	1-31/32-2-3/4	03016268	31,6	0,8	11	12,2	18,8	6,8	25,0	50	400
60-80	2-3/8-3-1/8	03016276	31,6	0,8	11	12,2	18,8	6,8	20,0	50	50
70-90	2-3/4-3-1/2	03016284	31,6	0,8	11	12,2	18,8	6,8	17,0	50	50
80-100	3-1/8-3-15/16	03016292	31,6	0,8	11	12,2	18,8	6,8	14,0	25	200
90-110	3-1/2-4-5/16	03016305	31,6	0,8	11	12,2	18,8	6,8	12,0	25	200
100-120	3-15/16-4-23/32	03016313	31,6	0,8	11	12,2	18,8	6,8	10,0	25	200
110-130	4-5/16-5-1/8	03016321	31,6	0,8	11	12,2	18,8	6,8	8,0	25	25
120-140	4-23/32-5-1/2	03016330	34,6	0,8	11	12,2	18,8	6,8	7,0	25	25
130-150	5-1/8-5-29/32	03016348	34,6	0,8	11	12,2	18,8	6,8	6,0	25	25
140-160	5-1/2-6-5/16	03016356	34,6	0,8	11	12,2	18,8	6,8	5,0	25	25
150-170	5-29/32-6-11/16	03016364	34,6	0,8	11	12,2	18,8	6,8	4,0	25	25
160-180	6-5/16-7-3/32	03016372	34.6	0,8	11	12,2	18,8	6,8	3,0	25	25
170-190	6-11/16-7-15/32	03016380	34,6	0,8	11	12,2	18,8	6,8	2,0	10	10
180-200	7-3/32-7-7/8	03016399	34,6	0,8	11	12,2	18,8	6,8	2,0	10	10
190-210	7-31/64-8-17/64	03016428	34,6	0,8	11	12,2	18,8	6,8	1,8	10	10
200-220	7-7/8-8-21/32	03016436	34,6	0,8	11	12,2	18,8	6,8	1,8	10	10
210-230	8-17/64- 9-1/16	03016444	34,6	0,8	11	12,2	18,8	6,8	1,6	10	10
220-240	8-21/32-9-9/64	03016452	34,6	0,8	11	12,2	18,8	6,8	1,6	10	10

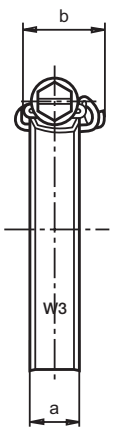
W3 Screw: Stainless steel (AISI-430) **Band and Housing:** Stainless steel X6Cr17 (DIN 1.4016) (AISI-430)

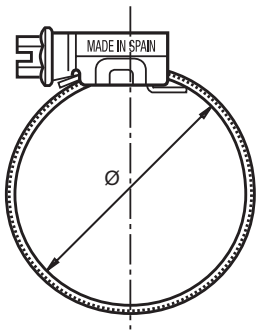


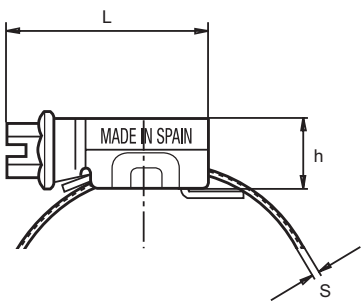
Polar Diagram

Sectors	S1	S2	S3	S4	S5	S6	S7	S8
5 Nm	111,7	135,8	122,9	112,4	146,9	146,7	129,4	166,9

Torque / Efficiency [Nm / daN]







ASFA “S” Worm-Drive Clip

The ASFA “S” W4 hose clip combines an innovative housing and a sturdy 12mm. band which together make this a high-performance hose clip.
The cold-formed stamped band thread, smoothed on the underside, combined with beveled band-edges protects the hose from any damage.

The ASFA “S” W4 hose clip complies fully with the DIN 3017 norm and also with the RoHs directive EU 20032/95/EC dated 1st July 2006. Crafted entirely from AISI-304 stainless steel, this clip is ideally for use in marine applications or in any industrial assemblies where high levels of corrosion resistance are required.

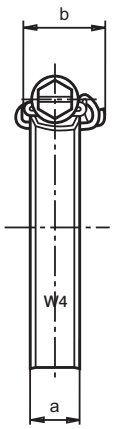
* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.
Patented Worldwide.

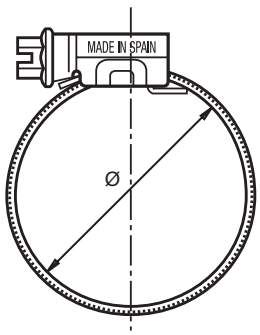
W4

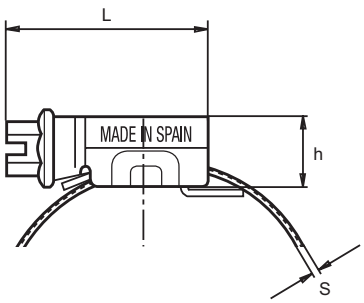
ASFA “S” W4 Worm-Drive Clip (12mm bandwidth)

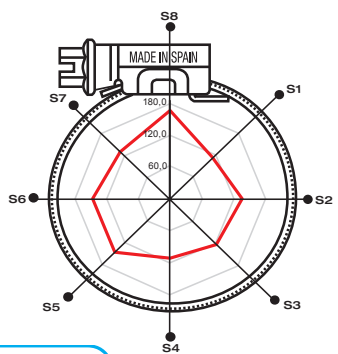
Application Ø mm	Application Ø inches	Part nº W4	L max.	s + 0,1 0	h max.	a + 0,3 a - 0,2	b max.	Max. Values* Torque (Nm)	Max. Values* Pressure (Bars)	Box Quantity (MOQ)	Packing
16-27	5/8-1-1/16	03014730	29,6	0,8	11	12,2	18,8	4,6	45,0	50	400
20-32	25/32-1-1/4	03014510	29,6	0,8	11	12,2	18,8	5,6	45,0	50	400
25-40	1-1-9/16	03014529	29,6	0,8	11	12,2	18,8	5,6	40,0	50	400
30-45	1-3/16-1-3/4	03014748	29,6	0,8	11	12,2	18,8	5,6	35,0	50	400
32-50	1-1/4-1-31/32	03014537	29,6	0,8	11	12,2	18,8	6,5	35,0	50	400
40-60	1-9/16-2-3/8	03014545	29,6	0,8	11	12,2	18,8	6,5	30,0	50	400
50-70	1-31/32-2-3/4	03014553	31,6	0,8	11	12,2	18,8	7,0	25,0	50	400
60-80	2-3/8-3-1/8	03014561	31,6	0,8	11	12,2	18,8	7,0	20,0	50	50
70-90	2-3/4-3-1/2	03014570	31,6	0,8	11	12,2	18,8	7,0	17,0	50	50
80-100	3-1/8-3-15/16	03014588	31,6	0,8	11	12,2	18,8	7,0	14,0	25	200
90-110	3-1/2-4-5/16	03014596	31,6	0,8	11	12,2	18,8	7,0	12,0	25	200
100-120	3-15/16-4-23/32	03014609	31,6	0,8	11	12,2	18,8	7,0	10,0	25	200
110-130	4-5/16-5-1/8	03014617	31,6	0,8	11	12,2	18,8	7,0	8,0	25	25
120-140	4-23/32-5-1/2	03014625	34,6	0,8	11	12,2	18,8	7,0	7,0	25	25
130-150	5-1/8-5-29/32	03014633	34,6	0,8	11	12,2	18,8	7,0	6,0	25	25
140-160	5-1/2-6-5/16	03014641	34,6	0,8	11	12,2	18,8	7,0	5,0	25	25
150-170	5-29/32-6-11/16	03014650	34,6	0,8	11	12,2	18,8	7,0	4,0	25	25
160-180	6-5/16-7-3/32	03014668	34,6	0,8	11	12,2	18,8	7,0	3,0	25	25
170-190	6-11/16-7-15/32	03014676	34,6	0,8	11	12,2	18,8	7,0	2,0	10	10
180-200	7-3/32-7-7/8	03014684	34,6	0,8	11	12,2	18,8	7,0	2,0	10	10
190-210	7-31/64-8-17/64	03014692	34,6	0,8	11	12,2	18,8	7,0	1,8	10	10
200-220	7-7/8-8-21/32	03014705	34,6	0,8	11	12,2	18,8	7,0	1,8	10	10
210-230	8-17/64- 9-1/16	03014713	34,6	0,8	11	12,2	18,8	7,0	1,6	10	10
220-240	8-21/32-9-9/64	03014721	34,6	0,8	11	12,2	18,8	7,0	1,6	10	10

W4 Screw: Stainless steel (AISI-304) Cu (A2) **Band and Housing:** X5CrNi1810 Stainless steel (DIN 1.4301) (AISI-304) (A2)









Polar Diagram

Sectors	S1	S2	S3	S4	S5	S6	S7	S8
5 Nm	111,7	135,8	122,9	112,4	146,9	146,7	129,4	166,9

Torque / Efficiency [Nm / daN]

ASFA “S” Worm-Drive Clip

The ASFA “S” W5 hose clip combines an innovative housing, a sturdy 12mm band and is made entirely of AISI-316 stainless steel.
The cold-formed stamped band thread, smoothed on the underside, combined with beveled band edges protects the hose from any damage.

The ASFA “S” W5 hose clip complies fully with the DIN 3017 norm and also with the RoHs directive EU 20032/95/EC dated 1st July 2006. Crafted entirely from AISI-316 stainless steel, this clip is ideally for use in the marine, petrochemical and foodstuffs sectors, where only the highest quality stainless steel is acceptable due to the extreme application conditions.

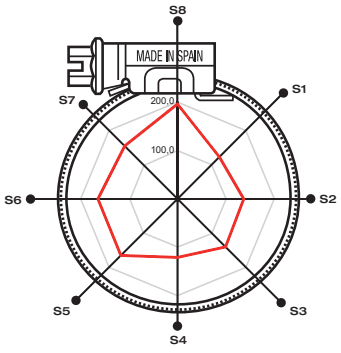
* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.
Patented Worldwide.

W5

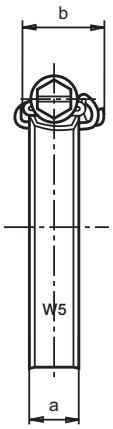
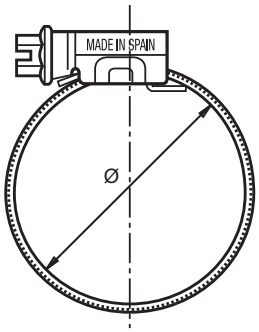
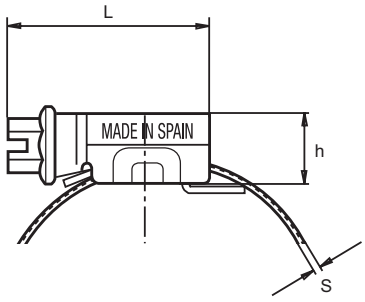
ASFA “S” W5 Worm-Drive Clip (12mm bandwidth)

Application Ø mm	Application Ø inches	Part nº W5	L max.	s + 0,1 0	h max.	a + 0,3 a - 0,2	b max.	Max. Values* Torque (Nm)	Max. Values* Pressure (Bars)	Box Quantity (MOQ)	Packing
16-27	5/8-1-1/16	03017720	29,6	0,8	11	12,2	18,8	4,6	45,0	50	400
20-32	25/32-1-1/4	03017500	29,6	0,8	11	12,2	18,8	5,6	45,0	50	400
25-40	1-1-9/16	03017519	29,6	0,8	11	12,2	18,8	5,6	40,0	50	400
30-45	1-3/16-1-3/4	03017738	29,6	0,8	11	12,2	18,8	5,6	35,0	50	400
32-50	1-1/4-1-31/32	03017527	29,6	0,8	11	12,2	18,8	6,5	35,0	50	400
40-60	1-9/16-2-3/8	03017535	29,6	0,8	11	12,2	18,8	6,5	30,0	50	400
50-70	1-31/32-2-3/4	03017543	31,6	0,8	11	12,2	18,8	7,0	25,0	50	400
60-80	2-3/8-3-1/8	03017551	31,6	0,8	11	12,2	18,8	7,0	20,0	50	50
70-90	2-3/4-3-1/2	03017560	31,6	0,8	11	12,2	18,8	7,0	17,0	50	50
80-100	3-1/8-3-15/16	03017578	31,6	0,8	11	12,2	18,8	7,0	14,0	25	200
90-110	3-1/2-4-5/16	03017586	31,6	0,8	11	12,2	18,8	7,0	12,0	25	200
100-120	3-15/16-4-23/32	03017594	31,6	0,8	11	12,2	18,8	7,0	10,0	25	200
110-130	4-5/16-5-1/8	03017607	31,6	0,8	11	12,2	18,8	7,0	8,0	25	25
120-140	4-23/32-5-1/2	03017615	34,6	0,8	11	12,2	18,8	7,0	7,0	25	25
130-150	5-1/8-5-29/32	03017623	34,6	0,8	11	12,2	18,8	7,0	6,0	25	25
140-160	5-1/2-6-5/16	03017631	34,6	0,8	11	12,2	18,8	7,0	5,0	25	25
150-170	5-29/32-6-11/16	03017640	34,6	0,8	11	12,2	18,8	7,0	4,0	25	25
160-180	6-5/16-7-3/32	03017658	34,6	0,8	11	12,2	18,8	7,0	3,0	25	25
170-190	6-11/16-7-15/32	03017666	34,6	0,8	11	12,2	18,8	7,0	2,0	10	10
180-200	7-3/32-7-7/8	03017674	34,6	0,8	11	12,2	18,8	7,0	2,0	10	10
190-210	7-31/64-8-17/64	03017682	34,6	0,8	11	12,2	18,8	7,0	1,8	10	10
200-220	7-7/8-8-21/32	03017690	34,6	0,8	11	12,2	18,8	7,0	1,8	10	10
210-230	8-17/64- 9-1/16	03017703	34,6	0,8	11	12,2	18,8	7,0	1,6	10	10
220-240	8-21/32-9-9/64	03017711	34,6	0,8	11	12,2	18,8	7,0	1,6	10	10

W5 Screw: Stainless steel (AISI-316) Cu (A4) **Band and Housing:** X5CrNiMo 17.12.2 Stainless steel (DIN 1.4401) (AISI-316) (A4)



Polar Diagram

Sectors	S1	S2	S3	S4	S5	S6	S7	S8
5 Nm	122,4	137,2	140,6	121,2	165,7	164,6	154,5	196,1

Torque / Efficiency [Nm / daN]