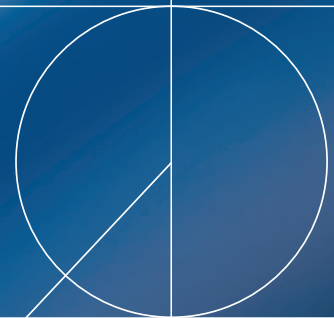


ABA Original SMO - S60



ABA Original SMO - S60

The ABA Original 12mm hose clamp range features a special combination of tensile strength and a high breaking torque. To offer a clamp able to withstand extreme environments, where lower grade stainless steel or acid proof material is not enough, ABA has established the S60 material standard for worm drive hose clamps (acc. to SS2298). Based on this standard all parts of the clamp are produced from SMO 254 steel (SS2378 / EN1.4547 / S31254).

Material

SMO 254 is an austenitic stainless steel designed for maximum resistance to pitting, crevice and stress corrosion. It is especially suited for applications located in high chloride or aggressive environments, such as seawater, over a longer period.

Performance

The ABA Original made out of SMO steel offers a much higher resistance against several types of corrosion than other high-quality stainless steels. In addition, SMO as a material is up to 20% stronger than common austenitic and acid proofed steels.

Advantages at a glance

- Excellent resistance against pitting and crevice corrosion
- Very high resistance against general corrosion
- Very high resistance against stress corrosion cracking
- High corrosion resistance remains even under higher working temperatures
- Strong performance under heavy mechanical loads



The S60 SMO is produced without any screw driver slot in the screw to make it easy to differentiate from other worm drive hose clamps.

Application areas

Application examples



Exposure to sea and brackish water

- Boats
- Harbor equipment
- Offshore facilities



High-chloride environments

- Bleaching industry
- Chemical plants
- Food production
- Oil and gas production equipment

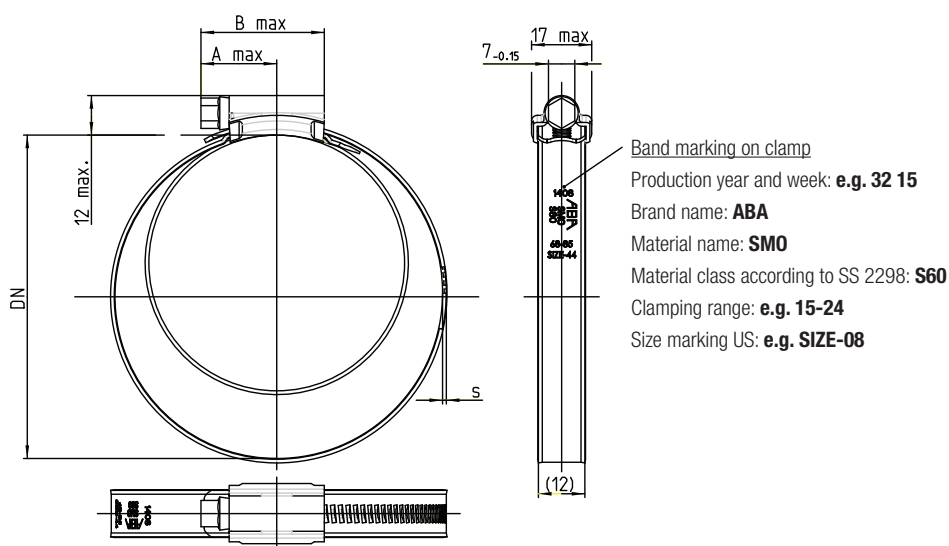


High mechanical loads

- Heavy machinery
- Industrial equipment

Technical features

Torque	
Break Torque	From 15-24 to 26-38 = Min 6 Nm From 32-44 to 50-65 = Min 7 Nm From 58-75 to 277-307 = Min 8 Nm
Idle torque	Max. 1 Nm
Recommended tightening torque	From 15-24 to 26-38 = 4-5 Nm From 32-44 to 277-307 = 5-6 Nm
Recommended tightening speed	Max. 350 Rpm
Temperature	
Max. operating temp in air	500°C/930°F
Scaling temp.	1000°C/1830°F
Corrosion	
Resistance in salt spray testing (acc. to SS-ISO 9227)	Well over 2000 hours



Technical data and ordering information

PART NAME	PART NUMBER	CLAMPING SIZE (mm)	A max.	B max.	s	DELIVERY ØDN+2/-1
ABA Original 15-24/12 C7 S60	0813 0043 020	15-24	16.0	23.0	0.8	25
ABA Original 19-28/12 C7 S60	0813 0043 024	19-28	17.0	25.0	0.8	29
ABA Original 22-32/12 C7 S60	0813 0043 027	22-32	18.0	27.0	0.8	33
ABA Original 26-38/12 C7 S60	0813 0043 032	26-38	18.0	27.0	0.8	39
ABA Original 32-44/12 C7 S60	0813 0043 038	32-44	20.0	31.0	0.8	45
ABA Original 38-50/12 C7 S60	0813 0043 044	38-50	20.0	31.0	0.8	51
ABA Original 44-56/12 C7 S60	0813 0043 050	44-56	20.0	31.0	0.8	57
ABA Original 50-65/12 C7 S60	0813 0043 058	50-65	23.0	36.0	0.8	66
ABA Original 58-75/12 C7 S60	0813 0043 067	58-75	23.0	36.0	0.8	76
ABA Original 68-85/12 C7 S60	0813 0043 077	68-85	23.0	36.0	0.8	86
ABA Original 77-95/12 C7 S60	0813 0043 086	77-95	23.0	36.0	0.8	96
ABA Original 87-112/12 C7 S60	0813 0043 100	87-112	23.0	36.0	0.8	113
ABA Original 104-138/12 C7 S60	0813 0043 121	104-138	23.0	36.0	0.8	139
ABA Original 130-165/12 C7 S60	0813 0043 148	130-165	23.0	36.0	0.8	166
ABA Original 150-180/12 C7 S60	0813 0043 165	150-180	23.0	36.0	0.8	181
ABA Original 175-205/12 C7 S60	0813 0043 190	175-205	23.0	36.0	0.8	206
ABA Original 200-231/12 C7 S60	0813 0043 216	200-231	23.0	36.0	0.8	232
ABA Original 226-256/12 C7 S60	0813 0043 241	226-256	23.0	36.0	0.8	257
ABA Original 251-282/12 C7 S60	0813 0043 267	251-282	23.0	36.0	0.8	283
ABA Original 277-307/12 C7 S60	0813 0043 292	277-307	23.0	36.0	0.8	308



ABA clamps are manufactured according to ISO 14001. They can be reused many times thanks to their high and constant quality, which is continuously monitored according to our ISO 9001 and ISO TS 16949 certifications.

As part of Engineered Joining Technology leader NORMA Group, the ABA brand enjoys the benefits of access to a large group working with multiple brands and subsidiaries worldwide.

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