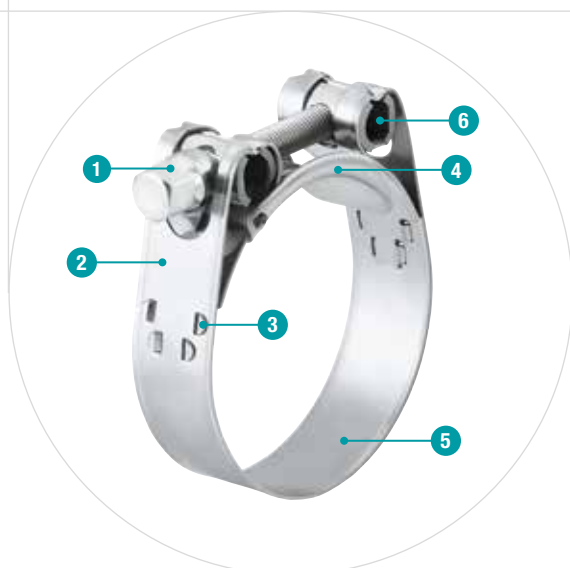


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**SPECS &
INFORMATION**



- 1 Bolt**
– New specially designed bolt with integrated spacer and improved performance. The W5 version has a socket head cap bolt
- 2 Reinforced band loops**
– ability to withstand much higher torques
- 3 Mechanically locked closure**
– no welding spots and no contact corrosion
- 4 Bridge**
– hose protection
- 5 Robust band with rounded edges**
– prevents injuries and damage to hoses
- 6 Hollow trunnions**
– reduces the tensile forces on the bolt and the mechanical lock

Heavy-duty clamps for multiple applications

NORMACLAMP® GBS is designed primarily for use in applications where hose clamps must meet stringent requirements. In particular if suction and pressure hoses - complete with plastic or steel inserts and high shore hardness values - are to be connected and attached. They are particularly suitable for use on commercial and special vehicles. NORMACLAMP® GBS clamps' ability to withstand exceptionally high levels of band tensile force is an outstanding feature. They are also extremely easy to install, whether you're using manual, pneumatic or electrical standard tools.



Advantages at a glance

- Failure torques improved by a factor of two
- Band tensile force levels improved by a factor of three

Applications

- Machine building
- Chemical industry
- Irrigation systems
- Ship manufacturing
- Railway industry
- Agricultural machines
- Building machines
- Engine manufacturing
- Pump and filter
- Mining Industry

Materials

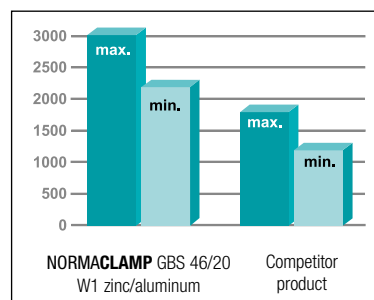
W1	W2	W3	W4	W5
x	x		x	x

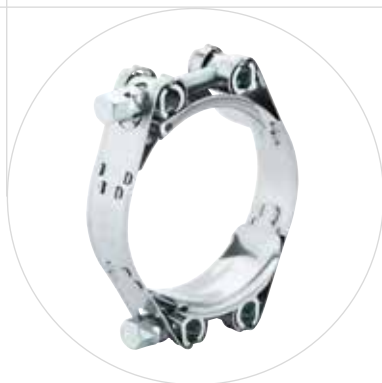
Material	Corrosion resistance in salt spray testing
W1	Min. 72 h
W2	Min. 72 h
W4	Min. 240 h
W5	Min. 400 h

NORMACLAMP® GBS						
Band width	Material thickness in mm					
	W1	W2	W4	W5	M	SW
18	0.8	0.6	0.6	0.6	6	8
20	1.0	0.8	0.8	0.8	7	10
25	1.0	1.0	1.0	1.0	8	13
30	1.3	1.0	1.0	1.0	10	17

Band tensile force

Numerous test results underline the technical superiority of NORMACLAMP® GBS products over their competitors':





NORMACLAMP® GBS is also available in a multi-part version for bigger diameters.

Main advantage

Suitable for big diameter hoses

Materials

W1, W2, W4, W5

NORMACLAMP® GBS MULTI-PARTS							
Width	Description	Clamping range		W1 Product No.	W2 Product No.	W4 Product No.	W5 Product No.
		in mm	in inches				
18	GBS M59-67/18 SK 2T	59-67	2 5/16-2 5/8"	0591 7191 063	0591 7192 063	0591 7194 063	0591 7195 063
	GBS M67-75/18 SK 2T	67-75	2 5/8-2 15/16"	0591 7191 071	0591 7192 071	0591 7194 071	0591 7195 071
20	GBS M67-75/20 SK 2T	67-75	2 5/8-2 15/16"	0591 7221 071	0591 7222 071	0591 7224 071	0591 7225 071
	GBS M75-83/20 SK 2T	75-83	2 15/16-3 1/4"	0591 7221 079	0591 7222 079	0591 7224 079	0591 7225 079
	GBS M83-91/20 SK 2T	83-91	3 1/4-3 9/16"	0591 7221 087	0591 7222 087	0591 7224 087	0591 7225 087
25	GBS M88-100/25 SK 2T	88-100	3 9/16-4"	0591 7271 094	0591 7272 094	0591 7274 094	0591 7275 094
	GBS M100-116/25 SK 2T	100-116	3 7/16-4 9/16"	0591 7271 108	0591 7272 108	0591 7274 108	0591 7275 108
	GBS M116-136/25 SK 2T	116-136	4 9/16-5 3/8"	0591 7271 126	0591 7272 126	0591 7274 126	0591 7275 126
	GBS M136-156/25 SK 2T	136-156	5 3/8-6 1/8"	0591 7271 146	0591 7272 146	0591 7274 146	0591 7275 146
	GBS M156-176/25 SK 2T	156-176	6 1/8-6 15/16"	0591 7271 168	0591 7272 168	0591 7274 168	0591 7275 168
30	GBS M125-145/30 SK 2T	125-145	4 15/16-5 11/16"	0591 7321 135	0591 7322 135	0591 7324 135	0591 7325 135
	GBS M145-168/30 SK 2T	145-168	5 11/16-6 5/8"	0591 7321 156	0591 7322 156	0591 7324 156	0591 7325 156
	GBS M168-193/30 SK 2T	168-193	6 5/8-7 5/8"	0591 7321 181	0591 7322 181	0591 7324 181	0591 7325 181
	GBS M193-220/30 SK 2T	193-220	7 5/8-8 11/16"	0591 7321 207	0591 7322 207	0591 7324 207	0591 7325 207
	GBS M220-245/30 SK 2T	220-245	8 11/16-9 5/8"	0591 7321 233	0591 7322 233	0591 7324 233	0591 7325 233
	GBS M245-270/30 SK 2T	245-270	9 5/8-10 5/8"	0591 7321 258	0591 7322 258	0591 7324 258	0591 7325 258
	GBS M270-295/30 SK 2T	270-295	10 5/8-11 5/8"	0591 7321 283	0591 7322 283	0591 7324 283	0591 7325 283
	GBS M295-320/30 SK 2T	295-320	11 5/8-12 5/8"	0591 7321 308	0591 7322 308	0591 7324 308	0591 7325 308
	GBS M320-345/30 SK 2T	320-345	12 5/8-13 9/16"	0591 7321 333	0591 7322 333	0591 7324 333	0591 7325 333



iq
parts
IQ-PARTS-SHOP.COM

info@iq-parts.nl
Harsweg 34A
2461 EZ Ter Aar
T +31 252 624 126
The Netherlands