

Nuts, Bolts and Fasteners

Anti Vibration Flange Nuts

Our unique all metal anti vibration flange nuts stay securely tightened without the need for washers, nylon nuts or thread locking compounds. The key to the anti-vibration system is advanced technology in the thread design, which restricts movement between the nut and bolt during vibration, thus preventing loosening. The system is time proven and independently tested at SP Sweden to DIN 65151.

Installation time is reduced as the flange nuts are free running onto bolts with no resistance, and are then tightened with one hand and one tool. This also greatly reduces the chance for dropped objects during installation. Furthermore, the flange nut has the washer included which reduces the inventory of parts required. This improves logistics, reduces costs and ensures correct fitment on the bolt.

Uniquely, our anti vibration flange nuts can be removed and reused with no loss in performance. Manufactured from Stainless Steel A4 & A4P, they offer high corrosion resistance.

AVAILABLE MATERIALS

SS

HDG

PG

SS = A4-70 (Hex A4-80)

HDG = 40-70 μ Zinc

PG = 4-7 μ Zinc



As a quick reference guide, our best selling fasteners are shown below, and in some more detail on the following pages:

Suitable for connecting	Description / Material	Article no.
Cable trays to brackets and other components.	Self locking bolt and nut set S-M LS-NU-M6x12 A4	1371981*
	Self locking bolt and nut set S-M LS-NU-M6x12 PG	1372750
	Self locking bolt and nut set S-M LS-NU-M6x20 A4	1371982*
Mekano® Starter brackets and many Channels. Also for OE Cable Ladder Systems	Self locking bolt and nut set S-M LS-NU-M10x20 A4	1371983*
	Bolt and nut set S-M LS-NU-M10x25 HDG	1371980*
Mekano® CH125 2T5 channel	Screw S-M LS-NU-M12x30 A4	1306952
	Locking flange nut S-M NU-FL-M12 A4	1371343*
Mekano® CH100-4 channels	HEX Bolt and Nut set S-M HE-NU-M10x130 A4	1372950
Connecting UNO channels and brackets	Hexagonal Screws S-M HE-M10x25 A4	1371326**
	Hexagonal Screws S-M HE-M10x25 HDG	1371305**
	Washers S-M WA-10.5x20x2 A4	1371352
	Washers S-M WA-10.5x20x2 HDG	1372850
Multiple applications where anti-vibration locking is critical.	Locking Flange nuts S-M NU-FL-M6 A4	1371971*
	Locking Flange nuts S-M NU-FL-M8 A4	1371972*
	Locking Flange nuts S-M NU-FL-M10 A4	1371973*
	Locking Flange nuts S-M NU-FL-M12 A4	1791343*
Composite Cable Trays FTE Splice Plates and FOE Cable Ladder Covers.	Nut & Bolt S-M S-NU-M6 x16 A4	74140
FOE-150 and FOE-100 SS Splice Plates.	Nut & Bolt S-M PS-M10 x 25 A4	74139
FRP support to starter brackets. Also for Splice Plates FOE-150 and FOE-100 FRP	Nut & Bolt S-M PS-M10 x 20 A4	74154

Material Certificates to EN 10204 are available for specific products which are marked as follows:

* 3.1 certificates can be supplied, however they are ONLY available when ordered together with the products.

** 3.1 certificates are available at extra cost & lead time, however they are ONLY available when ordered together with the products.

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Intellectual Property Rights

Please note that several of the products presented in this catalogue are protected by our intellectual property rights in the form of patents, registered designs and trademarks, and that we have made the strategic decision to police and enforce these rights in all relevant jurisdictions.

Benefits with Oglænd Anti Vibration Flange Nuts in Stainless Steel A4

- Anti vibration tested to DIN65151
- All metal construction
- Working temperature to -60°C
- No washers required – simplifies logistics and improves HMS from dropped objects
- Flange design guarantees correct fitting orientation
- Wide flange distributes loading and stresses
- Free running- reduced installation time
- HMS benefits: one hand-one tool tightening reduces chance of dropped objects.
- Thread design distributes stress equally through the entire length
- Reduces risk of stripping and cross threading
- Fully reusable
- High corrosion resistance
- Bolt end can be flush with nut without loss of tightening force.
- DROP (Dropped Objects Awareness and Prevention) recommended.

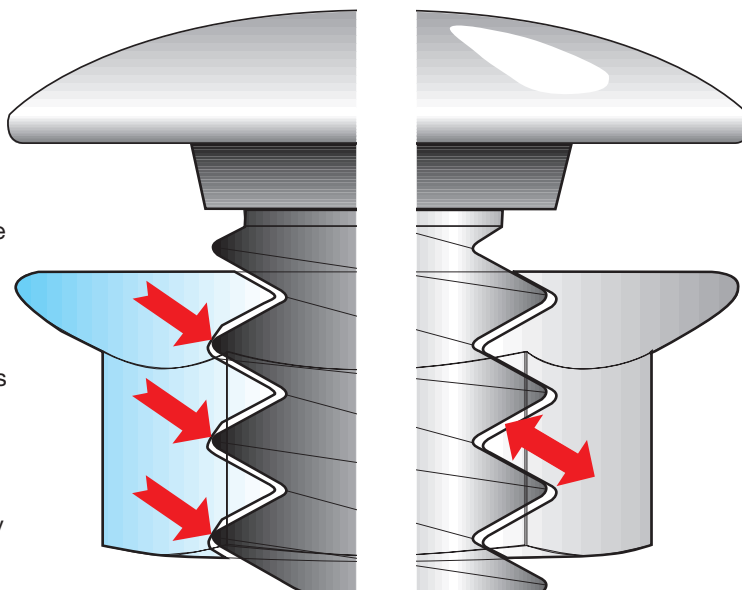
Quick, Safe & Cost Effective!

Self-Locking Anti Vibration Thread design

Oglænd all metal self locking anti vibration nuts in Stainless steel A4 quality have a unique thread design which prevent side to side movement.

This guarantees the nuts will not loosen during vibration.

The design also distributes the loading evenly through the threaded length.



Standard threaded fasteners have a tolerance gap between the threads. This gap allows the nut to move slightly from side to side when they are exposed to vibration.

The spiral shape of the thread then causes the nut to rotate and loosen. Nylon inserts and chemical fasteners can slow down this effect, but do not prevent it.

Nuts, Bolts & Fasteners

Locking Screw and Anti Vibration Nut Set Low Neck

Anti-vibration Self-Lock Screw and Flange Nut set with Low Neck. All metal design.

Type Description	A4	Qty/Pack A4
S-M LS-NU-M6x12	1371981*	200
S-M LS-NU-M6x16	1306886*	100
S-M LS-NU-M6x20	1371982*	100
S-M LS-NU-M10x20	1371983*	100
S-M LS-NU-M10x25	1371437*	50



Locking Screw and Anti Vibration Nut Set High Neck

All metal, anti-vibration, self-lock Screw and Flange Nut set with High Neck.

Type Description	A4	Qty/Pack A4
S-M LS-NU-M6x30	1371361	200
S-M LS-NU-M10x50	1371362**	50



Locking Screw and Nut Set Low Neck

Type Description	PG	Qty/Pack PG	HDG	Qty/Pack HDG
S-M LS-NU-M6x12	1372750	200		
S-M LS-NU-M10x25			1371980*	50



Hexagonal Bolt and Anti Vibration nut set for Mekano 100-4

All metal, anti-vibration, bolt and Flange Nut. Per Piece.

Type Description	A4	A4 (kg)
S-M HE-NU-M10x130	1372950	-
S-M HE-NU-M10x140	1372951	-
S-M HE-NU-M10x150	1372952	-



Screw and Nut Set High Neck

Type Description	PG	Qty/Pack PG	HDG	Qty/Pack HDG
S-M LS-NU-M6x30	1372749	200		
S-M LS-NU-M10x50			1371589	50



Locking Screw Low Neck

Type Description	A4	Qty/Pack A4	PG	HDG	Qty/Pack PG/ HDG
S-M LS-M6x12	1372161*	200	1372167		
S-M LS-M6x16	1306888*	200			
S-M LS-M10x20	1372163*	100			
S-M LS-M10x25	1306895*	100		1372765	200



Locking Screw High Neck

Type Description	A4	Qty/Pack A4	PG	Qty/Pack PG
S-M LS-M6x25	1372162	100	1372169	200
S-M LS-M6x50	85520	100	1371360	200
S-M LS-M10x30	89821**	100		
S-M LS-M10x35	1306892	100		
S-M LS-M10x50	89822**	50		
S-M LS-M10x70	81396	50		
S-M LS-M12x30	1306952	50		



Hexagonal Bolts M6

Type Description	A4	Qty/Pack A4	PG	Qty/Pack PG
S-M HE-M6x12	1372780**	200		
S-M HE-M6x16	1371318**	100	1372171	100
S-M HE-M6x20	1371319**	100	1372172	100
S-M HE-M6x30	1371320**	200		



Hexagonal Bolts M8

Type Description	A4	Qty/Pack A4	HDG	Qty/Pack HDG
S-M HE-M8x20	1371321**	200	1371301**	200
S-M HE-M8x25	1371322**	200	1371302**	200
S-M HE-M8x30	1371323**	200	1371303**	200



Hexagonal Bolts M10

Type Description	A4	Qty/Pack A4	HDG	Qty/Pack HDG
S-M HE-M10x16	1371324**	100		
S-M HE-M10x20	1371325**	100	1371304**	200
S-M HE-M10x25	1371326**	100	1371305**	200
S-M HE-M10x30	1371327**	100	1371306**	200
S-M HE-M10x35	1371328**	100	1371307**	100
S-M HE-M10x45	1371329**	100	1371308**	100
S-M HE-M10x50	1371330**	100	1371309**	100
S-M HE-M10x55	1371331**	50	1371310**	100



Hexagonal Bolts M10 For Mekano 100-4

Per Piece.

Type Description	A4	A4 (kg)
S-M HE-M10x130	1372572	0.09
S-M HE-M10x140	1372573	0.1



Hexagonal Bolts M12

Type Description	A4	Qty/Pack A4	HDG	Qty/Pack HDG
S-M HE-M12x25	1371332**	100	1371311**	100
S-M HE-M12x35	1371333**	100	1371312**	100
S-M HE-M12x45	1371334**	50	1371313**	100



Hexagonal Bolts M16

Type Description	A4	A4 (kg)
S-M HE-M16x50	1372926	0.1
S-M HE-M16x65	1372927	0.1
S-M HE-M16x70	1372928	0.2



Hexagonal Bolts with Cone Point

Type Description	A4	Qty/Pack A4	HDG	Qty/Pack HDG
S-M HE-M10x40	1371335	100	1371314	100



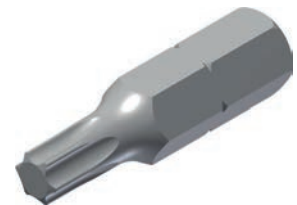
Pan Head Screw (Torx)

Type Description	A4	Qty/Pack A4	PG	Qty/Pack PG
S-M PS-M6x16	1372156	200	1372164	200
S-M PS-M6x20	1372157	200	1372842	200
S-M PS-M6x25	1372158	200	84954	200
S-M PS-M6x30	1372159	200	1372166	200
S-M PS-M6x40	1372160	100	1372168	200



Bits (Torx®)

Type Description	PG	PG (kg)
Bits Torx T30	1371417	-



Locking Flange Nuts

All metal, anti-vibration Flange Nut.

Type Description	A4	Qty/Pack A4
S-M NU-FL-M6	1371971*	100
S-M NU-FL-M8	1371972*	200
S-M NU-FL-M10	1371973*	50
S-M NU-FL-M12	1371343*	50
S-M NU-FL-M16 A4	86494	100
S-M NU-FL-M20 A4	86496	50



Flange Nuts

Type Description	PG	Qty/Pack PG	HDG	Qty/Pack HDG
S-M NU-FL-M6	1372843	100		
S-M NU-FL-M8	1372831	200		
S-M NU-FL-M10	1372832	100	1372180*	50



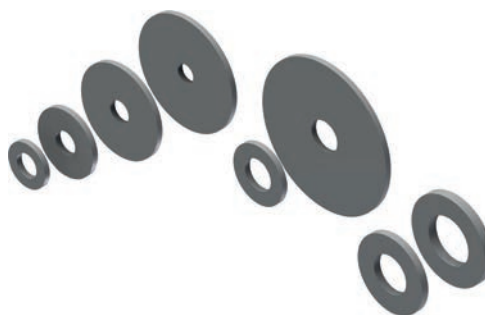
Hexagonal Nuts

Type Description	A4	Qty/Pack A4	HDG	PG	Qty/Pack HDG/ PG
S-M NU-M6	1372781**	100		1372844	100
S-M NU-M8	1371340**	100	1372176**		
S-M NU-M10	1371341**	50	1372845**		
S-M NU-M12	1371342**	50	1372179**		



Washers

Type Description	A4	Qty/Pack A4	PG	HDG	Qty/Pack PG/ HDG
S-M WA-5x30.5x1.5	84394	200			
S-M WA-6.4x12x1.6	1372782	200			
S-M WA-6.4x18x1.6	1371349	200	1372175		
S-M WA-6x25x1.5	1371350	200	1372848		
S-M WA-8.4x16x1.6	1371351	1000	1372849	1371345	1000
S-M WA-8x40.3x1.5	84345	1000			
S-M WA-10.5x20x2	1371352	100		1372850	100
S-M WA-13x24x2.5	1371353	100		1371346	100



Washers with Square Hole

Type Description	A4	Qty/Pack A4
S-M WA-7x30.4x1.5	84562	200
S-M WA-11x32x1	1371354	1000



Star Washers

NORSOK requirements prohibit the use of Star Washers for installation of cable trays & ladders therefore we recommend our A4 self-lock flange nuts.

Type Description	A4	Qty/Pack A4	PG	Qty/Pack PG
S-M SW-M6	1371355	200	1372852	200
S-M SW-M8	1371356	100		
S-M SW-M10	1371357	200	1372854	200
S-M SW-M12	1371358	100	1371359	100



Concrete Anchor Bolts

Type Description	A4	Qty/Pack A4	PG	HDG	Qty/Pack PG/ HDG
S-M AC-6x40			1372767		150
S-M AC-6x52	1371368	100			
S-M AC-8x50	1371369	100	1372768		
S-M AC-10x60	1371370	50	1372769	1371365	50
S-M AC-10x85	1371371	40		1371366	40
S-M AC-12x110	89823	25			



Self-Tapping Screws

Type Description	PG	Qty/Pack PG
S-M SF-PH-M4,2x13 (32-PH)	1349417	100
S-M SF-PH-M4,2x14 (34-PH)	1372820	100
S-M SF-PH-M4,2x25 (36-PH)	1372821	100



Self-Tapping Marutex® Screws

Type Description	A2	Qty/Pack A2
S-M SF-HE-M4.8x13	1371373	100
S-M SF-HE-M4.8x25	1371374	100



Marutex® Socket

Hex Driver Bits allow the bit to hold the screw securely in place for quicker installations.

Type Description	PG	Qty/Pack PG
Bits Marutex	1371375	10



Threaded Rod

Type Description	PG	PG (kg)	HDG	A4
S-M TR-06-1000	1372752	0.2		
S-M TR-06-2000	1372753	0.4		
S-M TR-08-1000	1372754	0.3		
S-M TR-10-300	1372738	-		
S-M TR-10-500	1372739	-		
S-M TR-10-1000	1372747	-	1372743	1371416
S-M TR-10-2000	1372746	-	1372742	1371418
S-M TR-10-3000		-		1371419



White Plastic Cover for Threaded Rod

(per meter)

Type Description	PVC	PVC (kg)
A-SPB CO-TR-6	1372734	-
A-SPB CO-TR-10	1372733	-



Splice Nut for Threaded Rod

Type Description	PG	PG (kg)
M6x32	1372828	0.01
M10x30	1301009	-



FRP Fasteners

FRP Bolt Sets

High strength fibre reinforced plastic fasteners with fire retardant vinyl-ester thermoset resin.

Type Description	FRP	FRP (kg)
S-M HE-E-M10x40	73915	0.02
S-M HE-E-M8x25	71989	0.01
S-M HE-E-M8x45	73878	0.01



Stud Bolts

Stud Bolt for use with FRP support profiles.

Type Description	FRP	FRP (kg)
S-M HE-M10 x 30	71487	0.01
S-M HE-M10 x 40	72118	0.01
S-M HE-M10 x 50	71488	0.01

