

**SMGN** (DIN 931, ISO 4014, PN 82101)

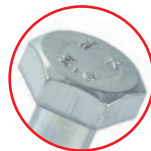
**Hex head partial thread bolt Class 5.8**



Description

Application	For connecting light metal constructions, wooden elements with metal elements, wooden elements with plastic elements, e.g. furniture handles.
Type of installation	Prior to fastening the bolt, it is first of all required to bore a hole.
Material	Zinc-plated low carbon steel. Class 5.8, Class of precision of execution of bolt: A, tolerance of thread 6g

Features and advantages



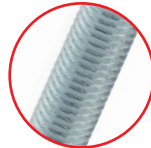
**Hex head**

Hex head improves the holding power of the connections and makes it possible to install metal elements



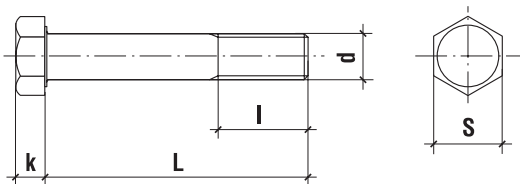
**Partial thread**

Partial thread prevents splitting of elements being installed and guarantees their tight fastening.



**Normalized metric thread**

High resistance of connection due to high angle of thread and inertia reel.




How to read the code SMGN-08016(X3)?

<b>SMGN</b>	<b>08</b>	<b>050</b>	<b>(X3)</b>
Bolt type	Bolt diameter 8,0mm	Bolt length 50mm	Packing 3kg

# FASTENING SYSTEMS FOR FURNITURE SECTOR

## BOLTS AND SCREWS - PRODUCTION PROGRAMME

	Code	d x L [mm]	l [mm]	k [mm]	s [mm]	
<b>M5</b>	SMGN-05040(X3)	5 x 40	16	3,5	8	3
	SMGN-05050(X3)	5 x 50				3
<b>M6</b>	SMGN-06040(X3)	6 x 40	18	4,0	10	3
	SMGN-06050(X3)	6 x 50				3
	SMGN-06060(X3)	6 x 60				3
	SMGN-06070(X3)	6 x 70				3
	SMGN-06080(X3)	6 x 80				3
<b>M8</b>	SMGN-08050(X3)	8 x 50	22	5,3	13	3
	SMGN-08060(X3)	8 x 60				3
	SMGN-08070(X3)	8 x 70				3
	SMGN-08080(X3)	8 x 80				3
	SMGN-08090(X3)	8 x 90				3
	SMGN-08100(X3)	8 x 100				3
	SMGN-08110(X3)	8 x 110				3
	SMGN-08120(X3)	8 x 120				3
<b>M10</b>	SMGN-10050(X3)	10 x 50	26	6,4	17*	3
	SMGN-10060(X3)	10 x 60				3
	SMGN-10070(X3)	10 x 70				3
	SMGN-10080(X3)	10 x 80				3
	SMGN-10090(X3)	10 x 90				3
	SMGN-10100(X3)	10 x 100				3
	SMGN-10120(X3)	10 x 120				3
	SMGN-10150(X3)	10 x 150	32	3		
<b>M12</b>	SMGN-12050(X3)	12 x 50	30	7,5	19*	3
	SMGN-12060(X3)	12 x 60				3
	SMGN-12070(X3)	12 x 70				3
	SMGN-12080(X3)	12 x 80				3
	SMGN-12090(X3)	12 x 90				3
	SMGN-12100(X3)	12 x 100				3
	SMGN-12120(X3)	12 x 120				3
	SMGN-12150(X3)	12 x 150	36	3		
	SMGN-12180(X3)	12 x 180		3		
<b>M16</b>	SMGN-16050(X3)	16 x 50	38	10,0	24	3
	SMGN-16060(X3)	16 x 60				3
	SMGN-16070(X3)	16 x 70				3
	SMGN-16080(X3)	16 x 80				3
	SMGN-16090(X3)	16 x 90				3
	SMGN-16100(X3)	16 x 100				3
	SMGN-16120(X3)	16 x 120	44	3		
	SMGN-16150(X3)	16 x 150		3		
SMGN-16180(X3)	16 x 180	3				
<b>M20</b>	SMGN-20060(X3)	20 x 60	46	12,5	30	3
	SMGN-20070(X3)	20 x 70				3
	SMGN-20080(X3)	20 x 80				3
	SMGN-20090(X3)	20 x 90				3
	SMGN-20100(X3)	20 x 100				3
	SMGN-20120(X3)	20 x 120				3
	SMGN-20150(X3)	20 x 150	52	3		
	SMGN-20180(X3)	20 x 180		3		

\* deviation from PN-EN ISO 4017