

Technical sheet No 51GM/KAR

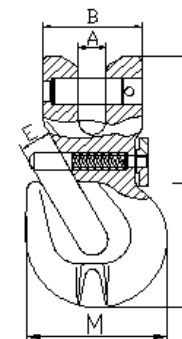
1. Supplier name: **GÓRALMET Sp. z o.o.**

Supplier address: **ul. Krakowska 68, 32-860 Czchów, tel/fax 014 6635260**

2. Product name: **GM313-G8 Clevis shortening grab hook with latch EN 1677-1**

3. Description and use: Grade 8 forged steel hooks with latch and clevis (type C) - for slings and lifting purposes. For use within technical parameters given in point 5 and the Directive 2006/42/EC

4. Working load limits are given for the normal working conditions. Usage in extreme conditions is not allowed without supplier agreement. Storage, installation and usage - according to instruction manual for lifting accessories.



5. Technical parameters:

No	Size [mm]	Nominal dimensions [mm]						Weight [kg/pc]	WLL Working load [t]	MPF Proof force [kN]	BF Breaking force [min. kN]	Material	Coatings	Product code No
		A	B	E	M	L	Pin [Ø mm]							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	6	8	32	7,5	43,5	75	7,7	0,194	1,12	27,5	43,9	Grade 8 steel: Cr >= 0,40 % Ni >= 0,40 % Mo >= 0,15 % Al >= 0,025 % S <= 0,025 % P <= 0,025 %	Paint	6
2	7/8	9,5	35	10,5	49,5	87	9,1	0,310	2	49	78,5			7/8
3	10	12,5	42,5	12	70,5	126,5	12,5	0,820	3,15	77,2	124			10
4	13	15	53	15,5	94	163,5	16,1	1,710	5,3	130	208			13
5	16	19,5	65,5	17,5	106	183,5	19,8	2,930	8	196	314			16

6. Additional informations:

- Safety factor -4
- MPF=2,5 x g x WLL, BF =4,0 x g x WLL where g - acceleration of gravity in m/s² (i.e. 9,80665)
- Manufacturer and product identification code: GM313
- Traceability code: a four-digit number by formula - YYMM (YY = year of production , MM = month of production)
- Markings: manufacturer's symbol –  or GMG;  ; manufacturer and product identification code; traceability code; product code No; class No – 8; WLL....T
- Marking of bolts of 13 mm in diameter and larger:  or GMG; 8
- Additional informations – label:  ; product name; product code No (size); WLL...T; quantity; order No; manufacturer's data and website address.