

Technical sheet No 80GM/KAR

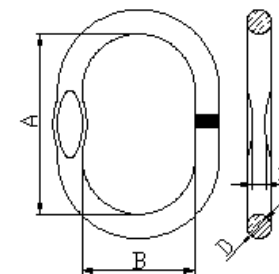
1. Supplier name: **GÓRALMET Sp. z o.o.**

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

2. Product name: **GM33-G8 Master link EN 1677-4**

3. Description and use: Grade 8 master links for slings and lifting purposes. For use within technical parameters given in point 5 and the Directive 2006/42/EC.

4. The sizes of GM33 links are given as **X/Y** scheme which refers to the use of the link in grade 8 chain slings according to EN 818-4 and means: **Code X** - size code of a single-leg sling for which the link can be used, **Code Y** - size code of a two-leg sling working with an "1,4" safety factor for which the link can be used. 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	D	S											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	7/6	110	60	14	7					0,413	1,6	39,2	62,8	Grade 8 steel: Cr >= 0,40 % Ni >= 0,40 % Mo >= 0,15 % Al >= 0,025 % S <= 0,025 % P <= 0,025 %	Paint	7/6
2	8/7	110	60	16	7,7					0,535	2,12	52	83,2			8/7
3	10/8	135	75	18	8					0,838	3,15	77,2	124			10/8
4	13/10	160	90	22	11,5					1,476	5,3	130	208			13/10
5	16/13	180	100	25	14					2,150	8	196	314			16/13
6	18/16	200	110	32	19					3,872	11,2	275	439			18/16
7	20/18	260	140	36	23					6,184	14	343,2	549,2			20/18
8	22/20	300	160	40	26,5					8,836	17	416,8	666,9			22/20
9	26/22	340	180	45	28					13,000	21,2	520	832			26/22

6. Additional informations:

- Safety factor - 4
- $MPF=2,5 \times g \times WLL$, $BF=4,0 \times g \times WLL$ where g - acceleration of gravity in m/s^2 (i.e. 9,80665)
- Manufacturer and product identification code: GM33
- 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
- Additional informations – label: ; product name; product code No (size); WLL...T; quantity; order No; manufacturer's data and website address.