

Technical sheet No 91GM/KAR

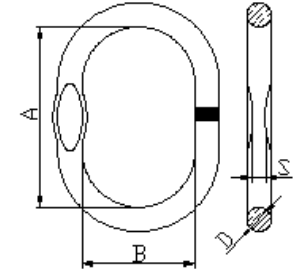
1. Supplier name: **GÓRALMET Sp. z o.o.**

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

2. Product name: **GM93-G4 Master link EN 1677-6**

3. Description and use: Grade 4 master links 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	D	S											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	12	100	60	12	7					0,281	1,2	23,5	58,8	Grade 4 steel: Si - 0.12~0.30 % Al >= 0.025 % S <= 0.025 % P <= 0.025 %	Paint	12
2	14	100	60	14	7,3					0,396	2,2	43,1	107,9			14
3	18	160	90	18	9					0,972	3,2	62,8	156,9			18
4	20	160	90	20	10,5					1,224	5,2	102,0	255,0			20
5	22	180	100	22	13,5					1,639	6,5	127,5	318,7			22
6	25	180	100	27	16,5					2,484	9,2	180,4	451,1			25
7	28	275	140	28	16,5					3,816	9,4	184,4	460,9			28
8	32	275	140	32	19					5,061	12,8	251,1	627,6			32

6. Additional informations:

- Safety factor - 5
- $MPF=2,0 \times g \times WLL$, $BF=5,0 \times g \times WLL$ where g - acceleration of gravity in m/s^2 (i.e. 9,80665)
- Manufacturer and product identification code: GM93
- 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 – 4
- Additional informations – label: ; product name; product code No (size); WLL...T; quantity; order No; manufacturer's data and website address.