

Technical sheet No 158GM/KAR

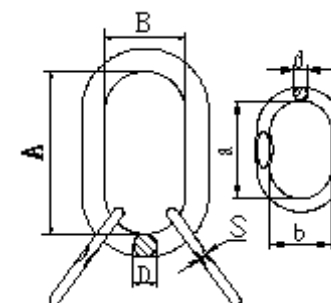
1. Supplier name: **GÓRALMET Sp. z o.o.**

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

2. Product name: **GM-OZ10 Master link assembly**

3. Description and use: Grade 10 master link assemblies for slings and lifting purposes. For use within technical parameters given in point 5 and the Directive 2006/42/EC.



4. The sizes of GM-OZ10 links are given as a number which refers to the use of the link in grade 10 chain slings and means size code of a triple-leg or four-leg sling working with an "2,1" 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 | a | b | d | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 1 | 6 | 135 | 75 | 19 | 8,5 | 85 | 25 | 13,5 | | 1,477 | 3 | 73,6 | 117,7 | Grade 10 steel: Cr >= 0,40 % Ni >= 0,40 % Mo >= 0,15 % Al >= 0,025 % S <= 0,025 % P <= 0,025 % | Paint | 6 |
| 2 | 8 | 160 | 85 | 23 | 9,5 | 75 | 31 | 16,5 | | 2,466 | 5,3 | 129,9 | 207,9 | | | 8 |
| 3 | 10 | 180 | 100 | 28 | 11,5 | 85 | 38 | 20 | | 4,037 | 8 | 196,1 | 313,8 | | | 10 |
| 4 | 13 | 200 | 110 | 35 | 13 | 115 | 50 | 23 | | 7,079 | 14 | 343,2 | 549,2 | | | 13 |

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/s² (i.e. 9,80665)
- Manufacturer and product identification code: GM-OZ10
- Traceability code: a four-digit number by formula -YYMM (YY = year of production, MM = month of production)
- Markings: manufacturer's symbol – GMG;  ; TITANOBOA; manufacturer and product identification code; traceability code; product code No; class No – 10
- Additional informations – label:  ; product name; product code No (size); WLL..T; quantity; order No; manufacturer's data and website address.