



SIDERMARCA

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Società assoggettata a direzione
e coordinamento da parte di Lucefin S.p.A.



| | | | | |
|-----------------|----------------------|------------------|-----------------|----------|
| A06 - Customer: | KROKAR D.O.O. | SPODNJI PLAVZ 28 | 4270 - JESENICE | SLOVENIA |
|-----------------|----------------------|------------------|-----------------|----------|

| | | |
|--|-----------------------|---------------------|
| A02 - Type of inspection document | A03 - Document number | Z02 - Date of issue |
| Values of the Certificate of Control 3.1 according to EN 10204:2004 Manufacturer | CRT2500017641 | 18/03/2026 |

| |
|---|
| B02 - Grade - B03 - Execution - B01 - Section |
| C45E+AR Hot Rolled Round |

| | |
|--|------------------------|
| B02 - Standard of reference (edition in force at the date of the order) | EN ISO 683-1/18 |
|--|------------------------|

| | | | |
|-----------------|-----------------|--------------------------|----------------------|
| B09 - Size [mm] | B03 - Tolerance | B04 - Delivery condition | B05 - Heat treatment |
| 180 | EN 10060 | +AR | As rolled |

| | | |
|------------------------------------|-----------------|-------------------|
| A09 - Customer article designation | B08 - Quantity | B10 - Length [mm] |
| | [kg] 602 | 3000 |

| | | |
|------------------|-----------------|---------------------------|
| B07 - Lot | B07 - Heat | C70 - Stellmaking process |
| L25028520 | 25703106 | |

| | | |
|------------------|------------------------|---------------------------------|
| A07 - Your Order | A08 - Our Confirmation | A10 - Transport document NR. |
| 00050 | MRA2605366 | MRA2602393 of 18/03/2026 |

| HEAT ANALYSIS | | | | | | | | | |
|---------------|--------------|--------------|---------------|---------------|--------------|---------------|--------------|---------------|--------------|
| C71 | C72 | C73 | C74 | C75 | C76 | C77 | C78 | C79 | C91 |
| C % | Si % | Mn % | P % | S % | Cr % | Mo % | Ni % | Cu % | Cr+Mo+Ni % |
| 0,4500 | 0,200 | 0,650 | 0,0210 | 0,0240 | 0,080 | 0,0030 | 0,030 | 0,0400 | 0,113 |

Mechanical properties

Tensile test according to standard EN-ISO 6892

| | | |
|----------------|---------------------------|----------------|
| C12 - Rm [MPa] | C11 - Re-Rp 0,2 (*) [MPa] | C13 - A % 5d-L |
| 660,0 | 410,0 | 23,00 |

* According to the reference standard

- Materiale controllato ad ultrasuoni cl.3 EN 10308

Z01 - Remarks:

The product supplied complies with the requirements of the order.
This product complies with the Directive 2011/65/EU RoHS II
This product complies with the Regulation (EC) n. 1907/2006 REACH
Material free from radioactive contamination

A05 - Responsible for quality control
Luca Perato