



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 Values of the Certificate of Control 3.1 according to EN 10204:2004 Manufacturer				A03 - Document number CRT2500022695		Z02 - Date of issue 15/07/2026									
B02 - Grade - B03 - Execution - B01 - Section 42CrMo4+QT Hot Rolled Round															
B02 - Standard of reference (edition in force at the date of the order) EN ISO 683-2/18															
B09 - Size [mm] 120		B03 - Tolerance EN 10060		B04 - Delivery condition +QT		B05 - Heat treatment Quenching and Tempering									
A09 - Customer article designation		B08 - Quantity [kg] 546			B10 - Length [mm] 6000/6500										
B07 - Lot L25036706		B07 - Heat T58043		C70 - Stellmaking process		C93 - Reduction ratio of the hot rolled 11,70									
A07 - Your Order 381		A08 - Our Confirmation MRA2613326			A10 - Transport document NR. MRA2605856 of 15/07/2026										
HEAT ANALYSIS															
C71 C % 0,4300	C72 Si % 0,304	C73 Mn % 0,820	C74 P % 0,0170	C75 S % 0,0280	C76 Cr % 1,170	C77 Mo % 0,1980	C79 Cu % 0,0200	C80 Al % 0,0250							
C50 - Jominy test H 1.5 mm															
mm HRC	1,5 58,00	3 58,00	5 57,00	7 56,00	9 56,00	11 56,00	13 55,00	15 55,00	17 53,00	19 51,00	21 48,00	23 46,00	25 45,00	27 43,00	29 42,00
Mechanical properties															
Tensile test according to standard EN-ISO 6892															
C12 - Rm [MPa] 895,0		C11 - Re-Rp 0,2 (*) [MPa] 754,0		C13 - A % 5d-L 20,80		C14 - Z% L 65,3									
* According to the reference standard															
Resilienza KV2 +20°C secondo la norma EN-ISO 148 / Impact test KV2 +20°C according to standard EN-ISO 148 / Kerzbähigkeit KV2 +20°C nach Standard EN-ISO 148 / Resilience KV2 +20°C Selon la norme EN-ISO 148															
KV2[J] 117,0	KV2[J] 114,0	KV2[J] 114,0													
HARDNESS ACCORDING TO STANDARD EN-ISO 6506-1															
C30 - HB C42 - 277															
Grain Size (ASTM E112)		8,00													
- 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 Perotto