



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
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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	CRT2500019478	29/10/2025

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

A09 - Customer article designation	B08 - Quantity	B10 - Length [mm]
	[kg] 1.182	6540

B07 - Lot	B07 - Heat	C70 - Stellmaking process
L25030464	25702341	

A07 - Your Order	A08 - Our Confirmation	A10 - Transport document NR.
9-NAR-25-1023	MRA2520133	MRA2508794 of 29/10/2025

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	0,220	0,640	0,0120	0,0260	0,060	0,0100	0,030	0,0600	0,100

Mechanical properties

Tensile test according to standard EN-ISO 6892

C12 - Rm [MPa]	C11 - Re-Rp 0,2 (*) [MPa]
635,0	400,0

* 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 / Kerzhähigkeit KV2 +20°C nach Standard EN-ISO 148 / Resilience KV2 +20°C Selon la norme EN-ISO 148

KV2[J]	KV2[J]	KV2[J]
34,0	42,0	34,0

Grain Size ASTM E112	7,50
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- 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