



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	CRT2500017127	29/09/2026

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
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B09 - Size [mm]	B03 - Tolerance	B04 - Delivery condition	B05 - Heat treatment
105	EN 10060	+QT	Quenching and Tempering

A09 - Customer article designation	B08 - Quantity	B10 - Length [mm]
	[kg] 206	3000

B07 - Lot	B07 - Heat	C70 - Stellmaking process	C93 - Reduction ratio of the hot rolled
L25026919	2511427		11,78

A07 - Your Order	A08 - Our Confirmation	A10 - Transport document NR.
542	MRA2616935	MRA2607510 of 29/09/2026

HEAT ANALYSIS								
C71	C72	C73	C74	C75	C76	C77	C79	C80
C %	Si %	Mn %	P %	S %	Cr %	Mo %	Cu %	Al %
0,4100	0,290	0,830	0,0120	0,0230	1,100	0,1900	0,0500	0,0240

C50 - Jominy test H 1.5 mm															
mm	1,5	3	5	7	9	11	13	15	20	25	30	35	40	45	50
HRC	58,00	58,00	57,00	56,00	56,00	55,00	54,00	54,00	50,00	47,00	46,00	43,00	42,00	41,00	39,00

Mechanical properties

Tensile test according to standard EN-ISO 6892

C12 - Rm [MPa]	C11 - Re-Rp 0,2 (*) [MPa]	C13 - A % 5d-L	C14 - Z% L
891,0	753,0	21,00	66,0

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

KV2[J]	KV2[J]	KV2[J]
116,0	121,0	119,0

Resilienza KV2 -40°C secondo la norma EN-ISO 148 / Impact test KV2 -40°C according to standard EN-ISO 148 / Kerbzähigkeit KV2 -40°C nach Standard EN-ISO 148 / Resilience KV2 -40°C Selon la norme EN-ISO 148

KV2[J]	KV2[J]	KV2[J]
76,0	70,0	74,0

- 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 2002/95/EC RoHS as amended

This product complies with the Regulation (EC) n. 1907/2006 REACH

Material free from radioactive contamination

A05 - Responsible for quality control

Luca Perotto