



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	CRT2500001822	01/07/2026

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

A09 - Customer article designation	B08 - Quantity	B10 - Length [mm]
	[kg] 338	2000

B07 - Lot	B07 - Heat	C70 - Stellmaking process
L25003168	415321	

A07 - Your Order	A08 - Our Confirmation	A10 - Transport document NR.
353	MRA2612638	MRA2605412 of 01/07/2026

HEAT ANALYSIS								
C71	C72	C73	C74	C75	C76	C77	C79	C80
C %	Si %	Mn %	P %	S %	Cr %	Mo %	Cu %	Al %
0,4100	0,280	0,800	0,0100	0,0250	1,040	0,1800	0,1700	0,0320

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	59,00	58,00	56,00	55,00	54,00	53,00	52,00	51,00	50,00	48,00	44,00	40,00	38,00	37,00	35,00

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
835,0	694,0	23,00	65,0

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

KV2[J]	KV2[J]	KV2[J]
77,0	82,0	85,0

HARDNESS ACCORDING TO STANDARD EN-ISO 6506-1

C30 - HB
C42 - 263

- 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 Penato