



# SIDERMARCA

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



A06 - Customer:	<b>KROKAR D.O.O.</b>	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	<b>CRL2516347635</b>	29/10/2025

B02 - Grade - B03 - Execution - B01 - Section
<b>42CrMo4+QT+SH Peeled Reeled Round</b>

B02 - Standard of reference ( edition in force at the date of the order)	<b>EN ISO 683-7/24</b>
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B09 - Size [mm]	B03 - Tolerance	B04 - Delivery condition	B05 - Heat treatment
<b>20</b>	<b>h9</b>	<b>+QT+SH</b>	<b>Quenching and Tempering</b>

A09 - Customer article designation	B08 - Quantity	B10 - Length [mm]
	<b>[kg] 155</b>	<b>6250</b>

B07 - Lot	B07 - Heat	C70 - Stellmaking process
<b>L25012609</b>	<b>BL0287</b>	

A07 - Your Order	A08 - Our Confirmation	A10 - Transport document NR.
<b>9-NAR-25-1012</b>	<b>MRA2519999</b>	<b>MRA2508794 of 29/10/2025</b>

HEAT ANALYSIS							
C71	C72	C73	C74	C75	C76	C77	C79
C %	Si %	Mn %	P %	S %	Cr %	Mo %	Cu %
<b>0,4250</b>	<b>0,270</b>	<b>0,830</b>	<b>0,0100</b>	<b>0,0240</b>	<b>1,100</b>	<b>0,1600</b>	<b>0,0800</b>

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	60,00	59,00	58,00	58,00	57,00	56,00	54,00	53,00	50,00	45,00	43,00	40,00	39,00	38,00	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
<b>1.119,0</b>	<b>1.054,0</b>	<b>15,00</b>	<b>49,0</b>

\* 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]
<b>110,0</b>	<b>97,0</b>	<b>98,0</b>

## HARDNESS ACCORDING TO STANDARD EN-ISO 6506-1

C30 - HB
C42 - <b>330</b>

## Z01 - Remarks:

**Il materiale non contiene prodotti di acciaio originari della Russia menzionati nell'Allegato XVII del Regolamento (UE) n. 833/2014 e sue ulteriori modifiche/  
The material does not contain steel products originating in Russia mentioned in Annex XVII of Regulation (EU) No 833/2014 and its additional amendments.**

**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**

**Country of production: Italy**

A05 - Responsible for quality control

*Luca Perato*