



SIDERMARCA

SIDERMARCA S.R.L.
Via della Libertà, 46
I-31050 Ponzano Veneto (TV)
Tel. +39 0422 96 30 69
Fax +39 0422 96 90 32

P. IVA e C.F. 110238004026/
R.E.A. TV 206888 | Cap. Soc. € 31.200 i.v.
info@sidermarca.com | sidermarca@legalmail.it | www.lucefin.com
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	A03 - Document number	Z02 - Date of issue
Values of the Certificate of Control 3.1 according to EN 10204:2004 Manufacturer	CRT2500002878	25/03/2026

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]	B03 - Tolerance	B04 - Delivery condition	B05 - Heat treatment
140	EN 10060	+QT	Quenching and Tempering

A09 - Customer article designation	B08 - Quantity	B10 - Length [mm]
	[kg] 242	2000

B07 - Lot	B07 - Heat	C70 - Stellmaking process	C93 - Reduction ratio of the hot rolled
L25004017	240606403		21,60

A07 - Your Order	A08 - Our Confirmation	A10 - Transport document NR.
00061	MRA2605801	MRA2602600 of 25/03/2026

HEAT ANALYSIS								
C71	C72	C73	C74	C75	C76	C77	C79	C80
C %	Si %	Mn %	P %	S %	Cr %	Mo %	Cu %	Al %
0,4200	0,260	0,800	0,0160	0,0250	1,030	0,1700	0,0200	0,0260

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	58,30	57,30	57,00	56,50	56,00	55,30	54,30	53,50	53,00	50,40	49,30	46,40	44,30	43,20	41,50

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
931,0	770,0	21,00	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 / Kerbähigkeit KV2 +20°C nach Standard EN-ISO 148 / Resilience KV2 +20°C Selon la norme EN-ISO 148

KV2[J]	KV2[J]	KV2[J]
119,0	119,0	124,0

Resilienza KV2 -20°C secondo la norma EN-ISO 148 / Impact test KV2 -20°C according to standard EN-ISO 148 / Kerbähigkeit KV2 -20°C nach Standard EN-ISO 148 / Resilience KV2 -20°C Selon la norme EN-ISO 148

KV2[J]	KV2[J]	KV2[J]
98,0	100,0	104,0

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

KV2[J]	KV2[J]	KV2[J]
75,0	80,0	78,0

Grain Size (ASTM E112) **7,00**

- 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