SIDERMARCA

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e coordinamento da parte di Lucefin S.p.A.

GRUPPO LUCEFIN
Lovin' Steel

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	**CRT2600013630**	04/11/2026

B02 - Grade - B03 - Execution - B01 - Section
42CrMo4+QT Forged Turned Round

B02 - Standard of reference (edition in force at the date of the order)	**EN 10250-3/22**

B09 - Size [mm]	B03 - Tolerance	B04 - Delivery condition	B05 - Heat treatment
370		**+QT**	**Quenching and Tempering**

A09 - Customer article designation	B08 - Quantity		B10 - Length [mm]
	[kg]	**590**	**41**

B07 - Lot	B07 - Heat	C70 - Stellmaking process	C93 - Reduction ratio of the forged
L26023291	**12508253**		**5,30**

A07 - Your Order	A08 - Our Confirmation	A10 - Transport document NR.
667	**MRA2619534**	**MRA2608574 of 04/11/2026**

HEAT ANALYSIS

C71	C72	C73	C74	C75	C76	C77	C79	C80
C %	Si %	Mn %	P %	S %	Cr %	Mo %	Cu %	Al %
0,4100	**0,250**	**0,610**	**0,0240**	**0,0200**	**1,010**	**0,1700**	**0,0400**	**0,0200**

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	**58,10**	**57,50**	**53,40**	**51,50**	**49,40**	**44,50**	**41,60**	**38,20**	**36,10**	**35,70**	**34,20**	**33,50**	**32,70**	**32,30**	**31,30**

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
800,0	**625,0**	**15,00**	**38,0**

* According to the reference standard

Resilienza KV2 (Trasv) secondo la norma EN-ISO 148 / Impact test KV2 (Trasv) according to standard EN-ISO 148 / Kerbzähigkeit KV2 (Trasv) nach Standard EN-ISO 148 / Resilience KV2 (Trasv) Selon la norme EN-ISO 148

KV2 (T) [J]	KV2 (T) [J]
19,3	**22,1**

Resilienza KV2(Trasv) secondo la norma EN-ISO 148 / Impact test KV2((Trasv) according to standard EN-ISO 148 / Kerbzähigkeit KV2((Trasv) nach Standard EN-ISO 148 / Resilience KV2((Trasv) Selon la norme EN-ISO 148

KV2 (T) [J]
17,4

Grain Size (EN ISO 643) **5,00**

- Materiale controllato ad ultrasuoni cl.D SEP 1921

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

Country of melt: CHINA

A05 - Responsible for quality control

Luca Pesato