



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						
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				CRC2539528		17/06/2026						
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] 552			128						
B07 - Lot		B07 - Heat		C70 - Stellmaking process		C93 - Reduction ratio of the forged						
L20030025		YN2010501978				4						
A07 - Your Order			A08 - Our Confirmation			A10 - Transport document NR.						
294			MRA2611163			MRA2604980 of 17/06/2026						
HEAT ANALYSIS												
C71	C72	C73	C74	C75	C76	C77	C79	C80				
C %	Si %	Mn %	P %	S %	Cr %	Mo %	Cu %	Al %				
0,4100	0,210	0,650	0,0220	0,0160	0,960	0,1700	0,0200	0,0200				
C50 - Jominy test H 1.5 mm												
mm	1,5	3	5	7	9	11	13	15	20	25	30	35
HRC	53,00	51,50	50,00	48,00	46,50	44,00	42,00	41,00	38,00	36,50	35,00	33,00
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			
815,0			620,0			20,00			59,0			
* 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]										
64,0	57,0	61,0										
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]										
46,0	48,0	43,0										
HARDNESS ACCORDING TO STANDARD EN-ISO 6506-1												
C30 - HB												
C42 - 288												
Grain Size (ASTM E112) 6,50												

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 Perotto