

Corrispondenze Comparable standards

Può sostituire / Can replace 39NiCrMo3 UNI 7845

Composizione Chemical analysis

C	Si	Mn	P	S	Cr	Mo	Ni
.32÷.40	≤40	.50÷.80	≤035	≤035	.90±1.20	.15±.30	.90±1.20

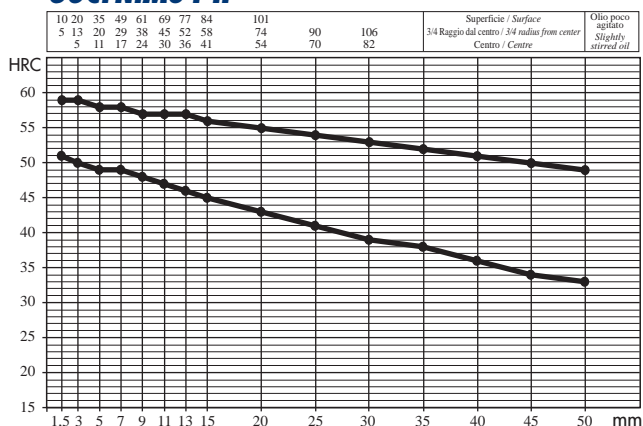
Caratteristiche meccaniche laminati UNI EN 10083-1 / Hot rolled bars mechanical properties UNI EN 10083-1

Stato Condition	Saggio Ø mm. Specimen Ø mm.	Re min. N/mm ²	Rm N/mm ²	A min. %	KV min. J
Bonificato Hardened and tempered	8÷16	900	1100÷1300	10	35
	16÷40	800	1000÷1200	11	40
	40÷100	700	900÷1100	12	45
	100÷160	600	800÷950	13	45
	160÷250	550	750÷900	14	45

Caratteristiche meccaniche forgiati UNI EN 10250-3 / Forged bars mechanical properties UNI EN 10250-3

Stato Condition	Saggio Ø mm. Specimen Ø mm.	Re min. N/mm ²	Rm min. N/mm ²	A min. %		KV min J	
				l	t	l	t
Bonificato	d ≤ 60	550	750	14	10	45	22
Hardened and tempered	160 < d ≤ 330	500	700	15	11	45	22
	330 < d ≤ 500	450	650	16	12	40	20

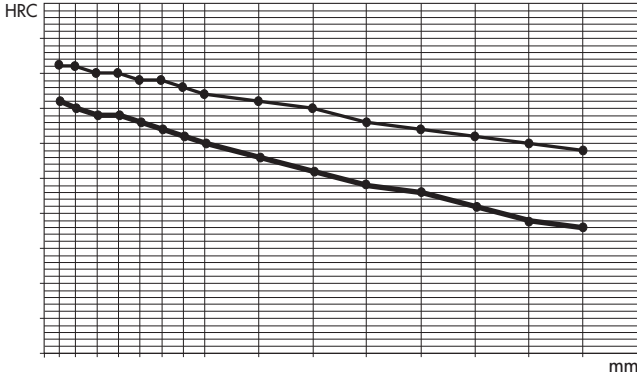
36CrNiMo4 H



Temprabilità Jominy Jominy hardenability

Distanza dall'estre- mità temprata Distance from quenched end	Durezza Rockwell Rockwell hardness	
mm.	HRC min	HRC max
1,5	51	59
3	50	59
5	49	58
7	49	58
9	48	57
11	47	57
13	46	57
15	45	56
20	43	55
25	41	54
30	39	53
35	38	52
40	36	51
45	34	50
50	33	49

36CrNiMo4 HL

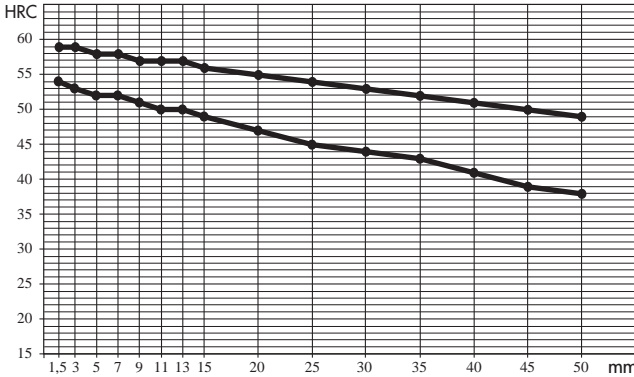


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11	47	54
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15	45	52
20	43	51
25	41	50
30	39	48
35	38	47
40	36	46
45	34	45
50	33	44

36CrNiMo4 HH

10 20 35 49 61 69 77 84 101	Superficie / Surface			Olio poco agitato
5 13 20 29 38 45 52 58	3/4 Raggio dal centro / 3/4 radius from center			Slightly stirred oil
5 11 17 24 30 36 41 54 74 90 106	Centro / Centre			



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35	43	52
40	41	51
45	39	50
50	38	49