

Corrispondenze
Comparables standards

34NiCrMo16 UNI 7845

Composizione
Chemical analysis

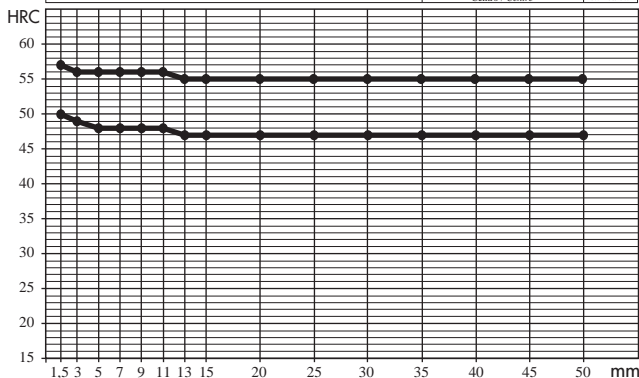
C	Mn	Si	Cr	Ni	Mo
.32±.39	.30±.60	≤ .40	1.60±2.00	3.60±4.10	.25 ± .45

Caratteristiche meccaniche / Mechanical properties

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	≤ 16	1050	1250÷1450	9	30
	16÷40	1050	1250÷1450	9	30
	40÷100	900	1100÷1300	10	35
	100÷160	800	1000÷1200	11	45
	160÷250	800	1000÷1200	11	45

36NiCrMo16 H

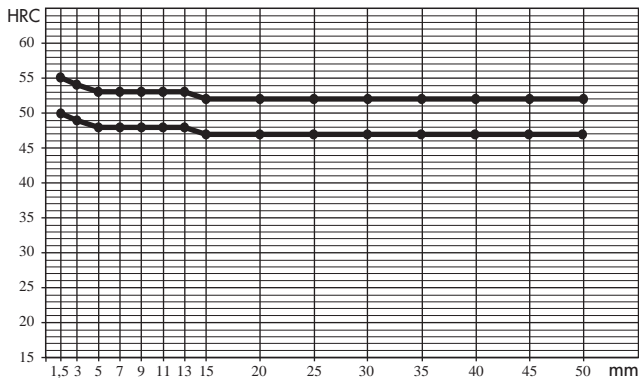
10 20 35 49 61 69 77 84	101	Superficie / Surface		Olio poco agitato Slightly stirred oil
5 13 20 29 38 45 52 58	74	3/4 Raggio dal centro / 3/4 radius from center		
5 11 17 24 30 36 41	54	Centro / Centre		
	90	106		
	70	82		



Temprabilità Jominy Jominy hardenability

Distanza dall'estre- mità temprata Distance from quenched end	Durezza Rockwell Rockwell hardness	
mm.	HRc min	HRc max
1,5	50	57
3	49	56
5	48	56
7	48	56
9	48	56
11	48	56
13	47	55
15	47	55
20	47	55
25	47	55
30	47	55
35	47	55
40	47	55
45	47	55
50	47	55

36NiCrMo16 HL

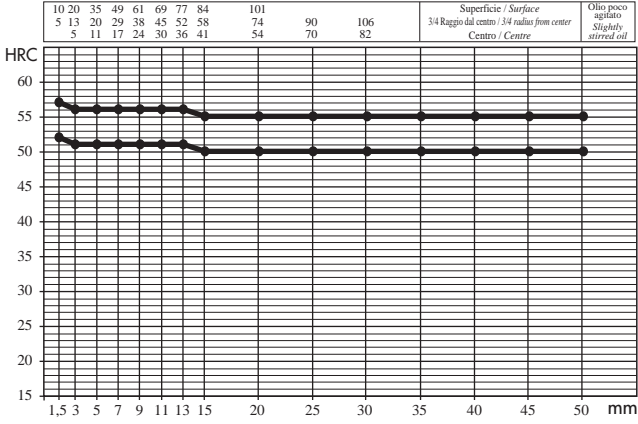


Temprabilità Jominy Jominy hardenability

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20	47	52
25	47	52
30	47	52
35	47	52
40	47	52
45	47	52
50	47	52

36NiCrMo16

36NiCrMo HH

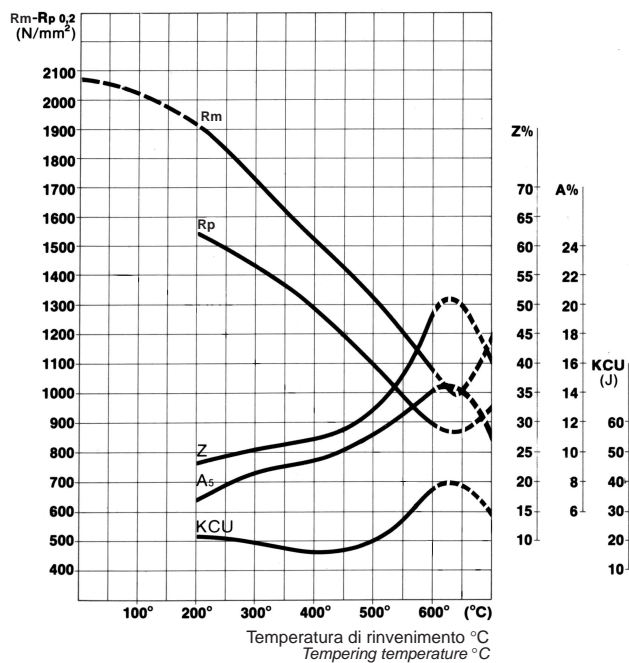


Temprabilità Jominy Jominy hardenability

Distanza dall'estremità temprata Distance from quenched end	Durezza Rockwell Rockwell hardness	HRC min	HRC max
mm.			
1,5		52	57
3		51	56
5		51	56
7		51	56
9		51	56
11		51	56
13		51	56
15		50	55
20		50	55
25		50	55
30		50	55
35		50	55
40		50	55
45		50	55
50		50	55

34NiCrMo16

Diagramma di Rinvenimento Tempering curve



Trattamento: su Ø 10 mm
Treatment: on Ø 10 mm

Tempra: 850 °C olio
Hardening: 850 °C oil

Rinvenimento per 1 ora
Tempering for 1 hour