

Corrispondenze
Comparable standards

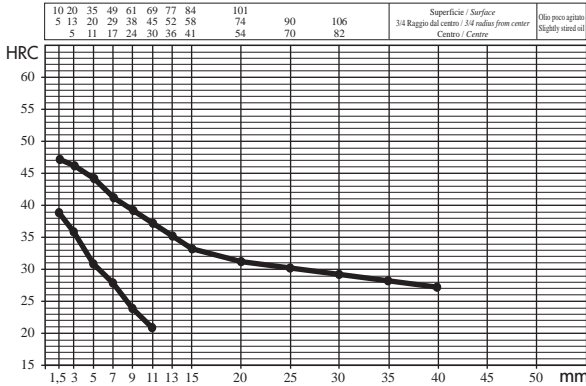
Sostituisce/Replaces 16MnCr5

UNI 7846

Composizione
Chemical analysis

C	Mn	Si	Cr	Ni	Mo
.14 ÷ .19	1.00 ÷ 1.30	≤ .40	.80 ÷ 1.10	-	-

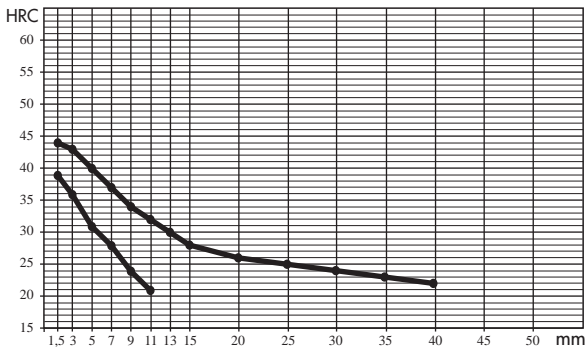
16MnCr5 H



Temprabilità Jominy
Jominy hardenability

Distanza dall'estremità temprata Distance from quenched end	Durezza Rockwell Rockwell hardness	
mm.	HRC min	HRC max
1,5	39	47
3	36	46
5	31	44
7	28	41
9	24	39
11	21	37
13		35
15		33
20		31
25		30
30		29
35		28
40		27
45		27
50		27

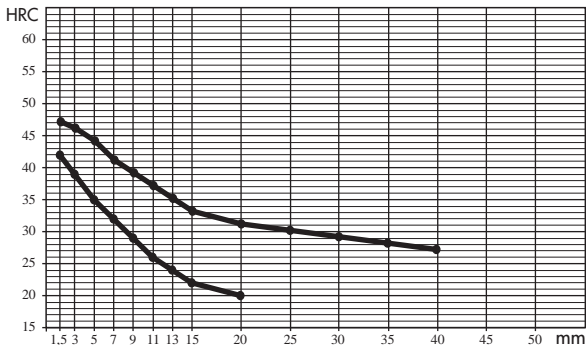
16MnCr5 HL



Temprabilità Jominy
Jominy hardenability

Distanza dall'estremità temprata Distance from quenched end	Durezza Rockwell Rockwell hardness	
mm.	HRC min	HRC max
1,5	39	44
3	36	43
5	31	40
7	28	37
9	24	34
11	21	32
13		30
15		28
20		26
25		25
30		24
35		23
40		22
45		22
50		22

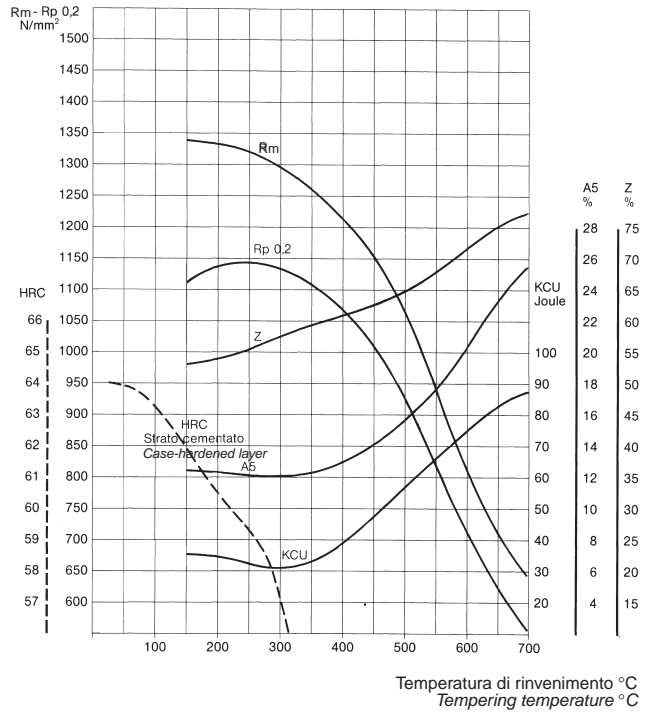
16MnCr5 HH



Temprabilità Jominy
Jominy hardenability

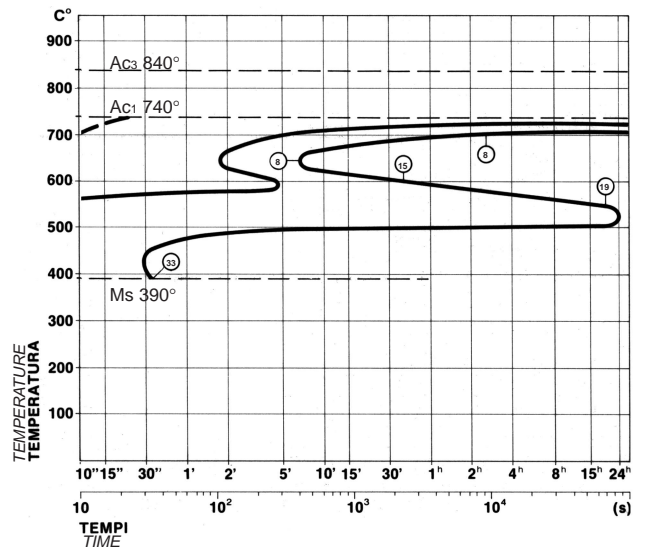
Distanza dall'estremità temprata Distance from quenched end	Durezza Rockwell Rockwell hardness	
mm.	HRC min	HRC max
1,5	42	47
3	39	46
5	35	44
7	32	41
9	29	39
11	26	37
13	24	35
15	22	33
20	20	31
25		30
30		29
35		28
40		27
45		27
50		27

Diagramma di rinvenimento Tempering curve



Trattamento: su Ø 11 mm Tempra: 870 °C olio Rinvenimento per 2 ore
Treatment: on Ø 11 mm Hardening: 870 °C oil Tempering for 2 hours

Diagramma T.T.T. T.T.T. diagram



Saggio: Ø 8
Test block: Ø 8

Austenitizzazione: 870 °C per 1/2 ora
Austenitizing: 870 °C for 1/2 hour