

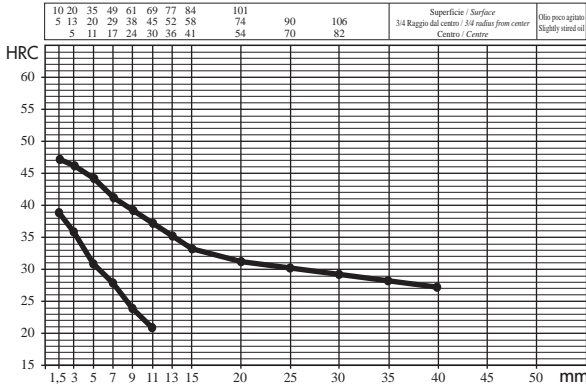
**Corrispondenze**  
Comparable standards

Sostituisce/Replaces 16MnCr5      UNI 7846

**Composizione**  
Chemical analysis

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

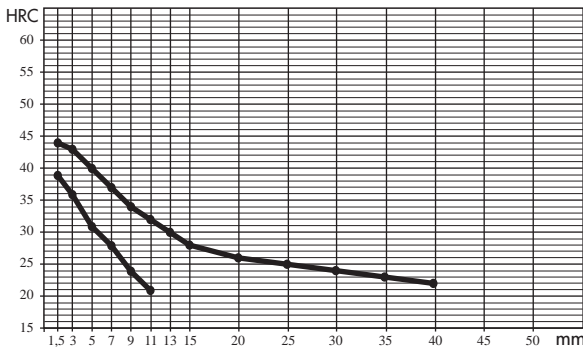
**16MnCr5 H**



**Temprabilità Jominy**  
Jominy hardenability

Distanza dall'estremità temprata / Distance from quenched end	mm.	HRc min	Durezza Rockwell / Rockwell hardness	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			
	50			

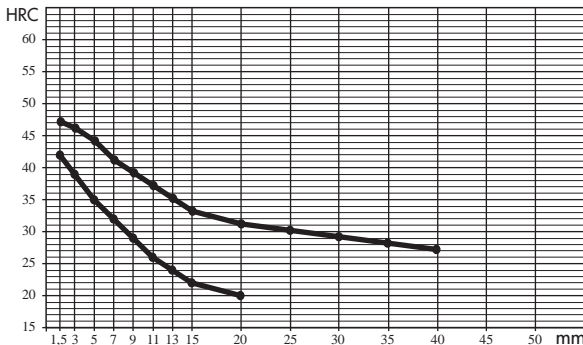
**16MnCr5 HL**



**Temprabilità Jominy**  
Jominy hardenability

Distanza dall'estremità temprata / Distance from quenched end	mm.	HRc min	Durezza Rockwell / Rockwell hardness	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			
	50			

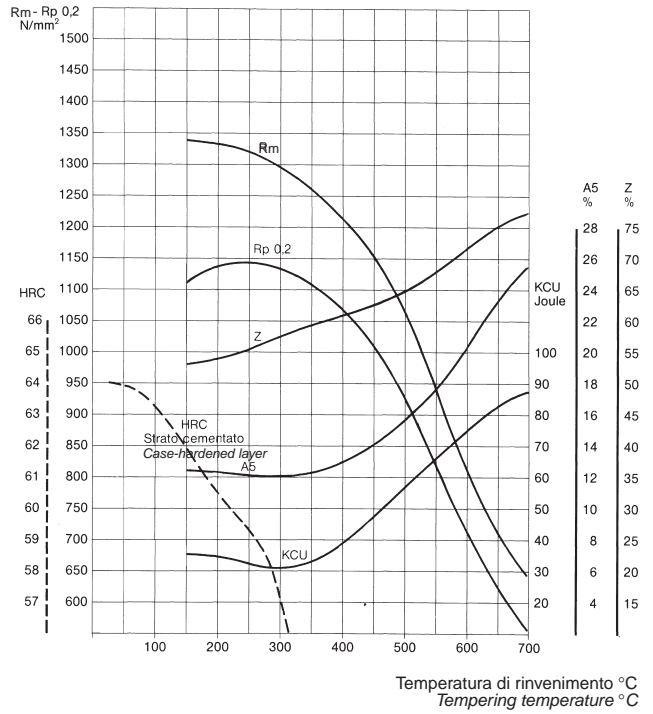
**16MnCr5 HH**



**Temprabilità Jominy**  
Jominy hardenability

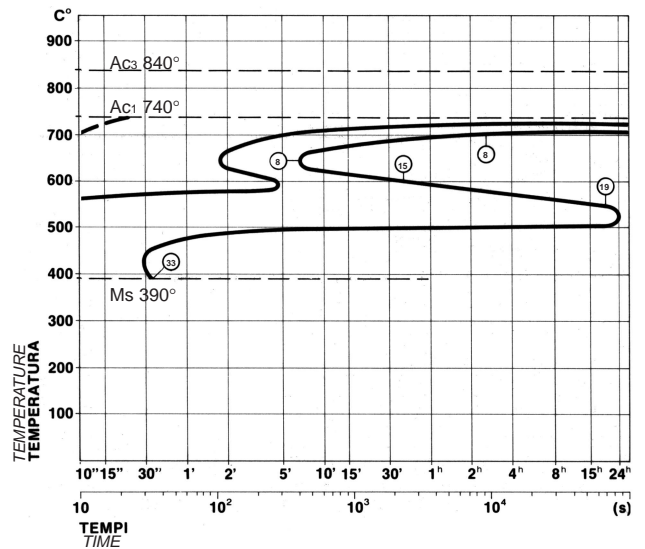
Distanza dall'estremità temprata / Distance from quenched end	mm.	HRc min	Durezza Rockwell / Rockwell hardness	HRc max
	1,5	42		47
	3	39		46
	5	35		44
	7	32		41
	9	29		39
	11	26		37
	13	24		35
	15	22		33
	20	20		31
	25			30
	30			29
	35			28
	40			27
	45			
	50			

## 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