

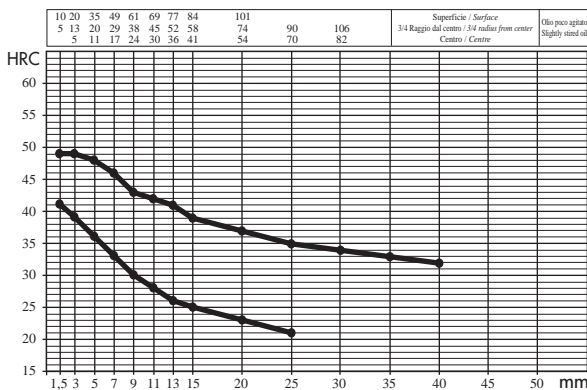
**Corrispondenze**  
*Comparable standards*

20MnCr5                      UNI 7846

**Composizione**  
*Chemical analysis*

C	Mn	Si	Cr	Ni	Mo
.17 ÷ .22	1.10 ÷ 1.40	≤ .40	1.00 ÷ 1.30	-	-

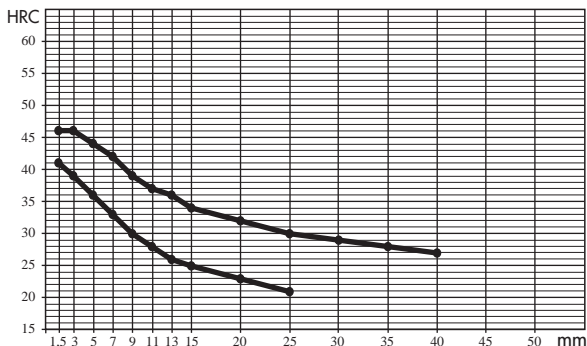
**20MnCr5 H**



**Temprabilità Jominy**  
*Jominy hardenability*

Distanza dall'estremità temprata Distance from quenched end	Durezza Rockwell Rockwell hardness	
mm.	HRc min	HRc max
1,5	41	49
3	39	49
5	36	48
7	33	46
9	30	43
11	28	42
13	26	41
15	25	39
20	23	37
25	21	35
30		34
35		33
40		32
45		
50		

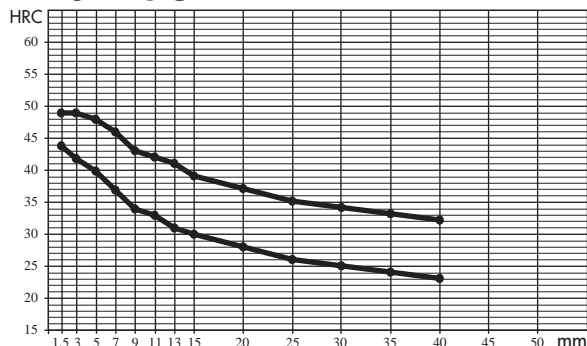
**20MnCr5 HL**



**Temprabilità Jominy**  
*Jominy hardenability*

Distanza dall'estremità temprata Distance from quenched end	Durezza Rockwell Rockwell hardness	
mm.	HRc min	HRc max
1,5	41	46
3	39	46
5	36	44
7	33	42
9	30	39
11	28	37
13	26	36
15	25	34
20	23	32
25	21	30
30		29
35		28
40		27
45		
50		

**20MnCr5 HH**

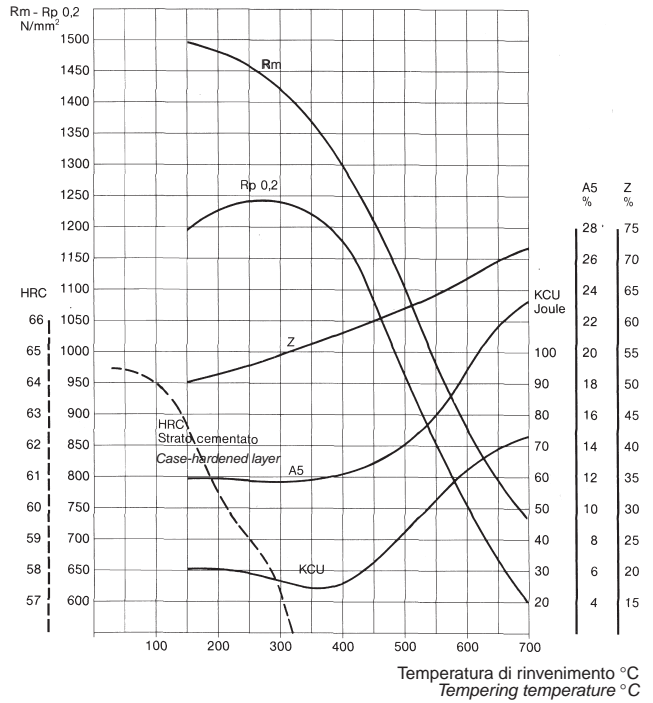


**Temprabilità Jominy**  
*Jominy hardenability*

Distanza dall'estremità temprata Distance from quenched end	Durezza Rockwell Rockwell hardness	
mm.	HRc min	HRc max
1,5	44	49
3	42	49
5	40	48
7	37	46
9	34	43
11	33	42
13	31	41
15	30	39
20	28	37
25	26	35
30	25	34
35	24	33
40	23	32
45		
50		

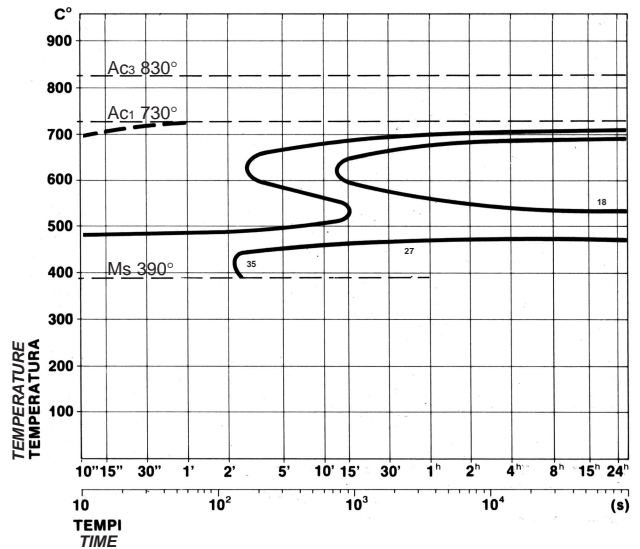
# 20MnCr5

## Diagramma di rinvenimento Tempering curve



Treatment: on 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    Austenitizzazione: 850 °C per 1/2 ora  
 Test block: Ø 8    Austenitizing: 870 °C for 1/2 hour