17NiCrMo6-4

Normativa di riferimento EN 10084
Reference Standard EN 10084

IMS S.p.A.
acciai speciali

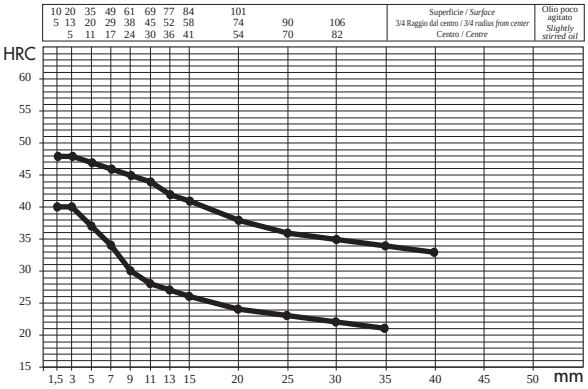
Corrispondenze
Comparable standards

Può sostituire/*Can replace*	18NiCrMo5	UNI 7846

Composizione
Chemical analysis

C	Mn	Si	Cr	Ni	Mo
.14÷.20	.60÷.90	≤ .40	.80 1.10	1.20÷1.50	.15÷.25

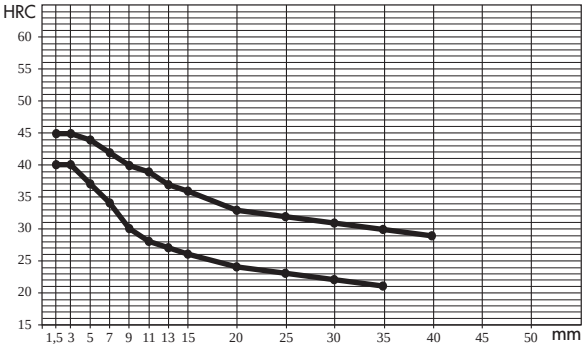
17NiCrMo6-4 H



Temprabilità Jominy
Jominy hardenability

Distanza dall'estremità temprata *Distance from quenched end*	Durezza Rockwell *Rockwell hardness*	
mm.	HRc min	HRc max
1,5	40	48
3	40	48
5	37	47
7	34	46
9	30	45
11	28	44
13	27	42
15	26	41
20	24	38
25	23	36
30	22	35
35	21	34
40		33
45		
50		

17NiCrMo6-4 HL



Temprabilità Jominy
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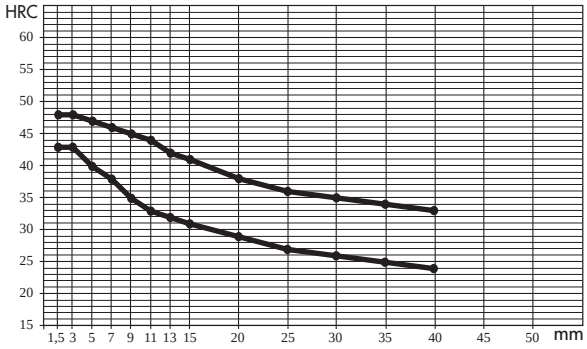
7	34	42
9	30	40
11	28	39
13	27	37
15	26	36
20	24	33
25	23	32
30	22	31
35	21	30
40		29
45		
50		

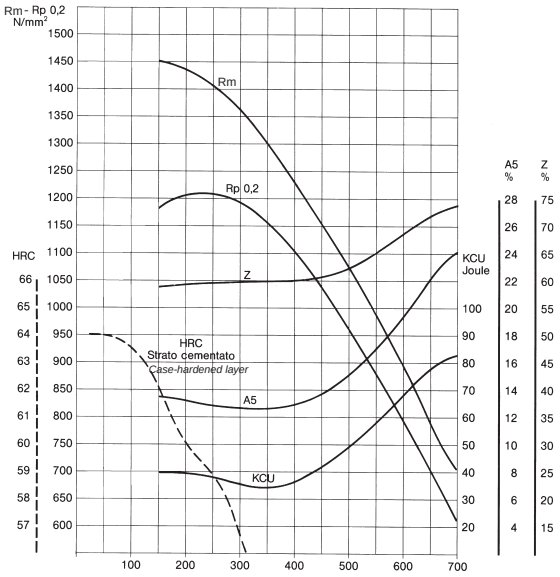
17NiCrMo6-4 HH



Temprabilità Jominy
Jominy hardenability

Distanza dall'estremità temprata *Distance from quenched end*	Durezza Rockwell *Rockwell hardness*	
mm.	HRc min	HRc max
1,5	43	48
3	43	48
5	40	47
7	38	46
9	35	45
11	33	44
13	32	42
15	31	41
20	29	38
25	27	36
30	26	35
35	25	34
40	24	33
45		
50		

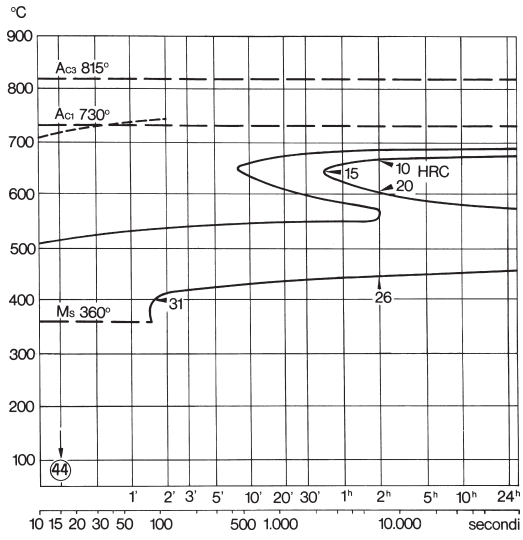
Diagramma di rinvenimento
Tempering curve



Temperatura di rinvenimento °C
Tempering temperature °C

Trattamento: su Ø 11 mm Tempra: 850 °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

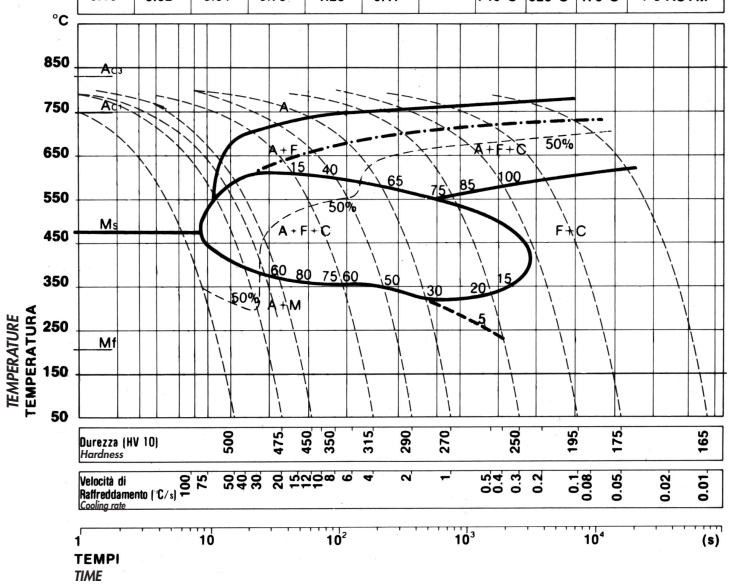


Quadro: 10 mm
Square: 10 mm

Austenitizzazione: 850 °C
Austenitizing: 850 °C

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

C	Si	Mn	Cr	Ni	Mo		Ac1	Ac3	Ms	Dim. Grano
0.19	0.32	0.81	0.75	1.25	0.17		740°C	825°C	470°C	4-6 ASTM



Dimensione Provini
Test block
Ø=2 L=12

Trattamento Termico Precedente
Ric. 650°C
Previous Heat Treatment
Ann. 650 °C

Austenitizzazione
875°C
Austenitizing
875 °C