

HABA ServizioPiastre s.r.l.

✉ Via Emilia, 27/29
24052 Azzano S.Paolo (BG)

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Acciaio da materia sintetica resistente alla corrosione

1.2083
X 42 Cr 13

L %	C	Si	Mn	Cr	S
1.2083	0.40	0.40	0.30	13.50	0.03
1.4034	0.40			13.50	

Esecuzione disponibile >	prelavorato
tolleranze >	spess.: +0,2 / 0 largh.: +0,4 / 0

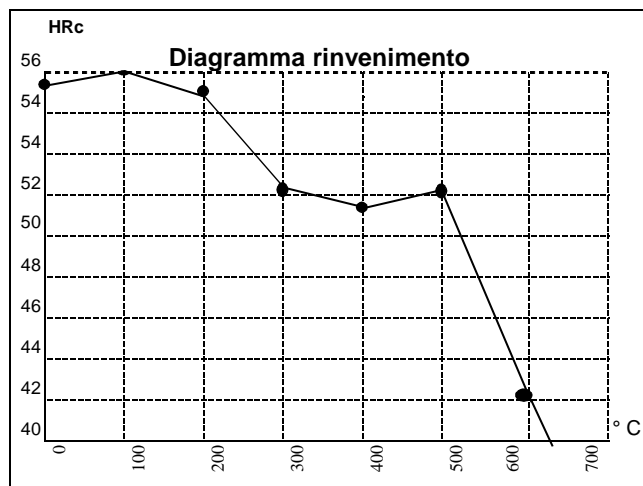
Utilizzo per:

portautensili sottoposti a corrosione e acidi
per l'industria materiali sintetici
trafilati da estrusione
stampi a compressione
Ugelli / tubiere per PVC
apparecchi ottici e medicinali
stampi in plastica e portautensili

Caratteristiche:

acciaio inossidabile e resistente agli acidi
ad alta temprabilità
massima resistenza all'usura
buona precisione dimensionale e resistenza alla compressione
buona temprabilità
asportazione trucioli: buona
ricottura dolce ca. 225 HB
buona rinvenibilità
brunitura molto buona
massima scarsità di deformazione

Con alta umidità dell'aria i canali di raffreddamento per es. non vengono intaccati dalla ruggine
Le migliori caratteristiche corrosive a 250 °C rinvenuto e lucidato



Trattamento termico

- ricottura dolce 760-800 °C 4-6 ore raffreddam. forno
- ricottura bassa tens. 650-680°C raffreddam.lento forno
- tempra 1020-1050 °C olio,tempra isot.,gas
- rinvenimento 200-250 °C

Valori di tempra 1040 °C rinvenuto 2 volte

100 °C	56	+ / - 1 HRC
200 °C	55	+ / - 1 HRC
300 °C	52	+ / - 1 HRC
400 °C	51	+ / - 1 HRC
500 °C	52	+ / - 1 HRC

Valori d'indurimento raggiungibili HRc 53 - 55

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Disponibilità del magazzino
1.2083
X 42 Cr 13
Prelavorato con sovrametallo

Tolleranze / esecuzione: - spessore: +0,2 / 0 mm rettificato / fresatura di precisione
- larghezza: +0,4 / 0 mm rettificato / fresatura di precisione
- lunghezza: +5 / 0 mm tagliato di sega

Lunghezza a magazzino
1000 mm

Largh. (mm)	Spessore (mm)																			
	10.4	15.4	16.4	20.4	22.4	25.4	27.4	30.4	32.4	36.4	40.4	46.4	50.4	56.4	60.4	70.4	76.4	80.4	90.4	100.4
20.4	---	---	---	---																
25.4	---	---	---	---		---														
30.4	---	---	---	---	---	---			---											
32.4	---	---	---	---	---	---			---	---										
40.4	---	---	---	---	---	---			---	---	---									
50.4	---	---	---	---	---	---			---	---	---	---								
60.4	---	---	---	---	---	---			---	---	---	---	---							
63.4		---	---	---	---	---			---	---	---	---	---	---						
70.4	---	---	---	---	---	---			---	---	---	---	---	---	---					
80.4	---	---	---	---	---	---			---	---	---	---	---	---	---	---				
90.4	---	---	---	---	---	---			---	---	---	---	---	---	---	---	---			
100.4	---	---	---	---	---	---	---			---	---	---	---	---	---	---	---	---		
110.4				---		---			---	---	---	---	---	---	---	---	---	---		
120.4	---	---	---	---		---			---	---	---	---	---	---	---	---	---	---	---	---
130.4		---	---	---		---			---	---	---	---	---	---	---	---	---	---	---	---
140.4	---	---	---	---		---			---	---	---	---	---	---	---	---	---	---	---	---
150.4	---	---	---	---	---	---	---			---	---	---	---	---	---	---	---	---	---	---
156.4					---		---			---		---		---			---			
160.4		---		---		---			---		---		---				---			
180.4		---		---		---			---	---	---		---				---	---		
196.4					---		---			---		---		---			---			
200.4	---	---	---	---	---	---	---			---	---	---	---	---	---	---	---	---	---	---
220.4				---		---			---	---	---	---	---	---	---	---	---	---	---	---
246.4					---		---			---		---		---			---			
250.4	---	---	---	---		---			---	---	---	---	---	---	---	---	---	---	---	---
296.4						---			---		---		---				---			
300.4	---	---	---	---		---			---	---	---	---	---	---	---	---	---	---	---	---
350.4				---		---			---	---	---	---	---	---	---	---	---	---	---	---
396.4						---			---	---	---	---	---	---	---	---	---	---	---	---
*405		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
*505	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

* Larghezza segata, tolleranza +/- 2 mm; lunghezza segata, tolleranza + 5 / 0 mm; spessore prelavorato, tolleranza + 0,3 / 0 mm

barre rettificate su 4 lati

Tolleranze : +0,4/0 mm

Lunghezza a magazzino
1000 mm

■ mm	20.4	25.4	30.4	32.4	40.4	50.4	60.4
L = 1000	---	---	---	---	---	---	---

■ mm	63.4	70.4	80.4	90.4	100.4	120.4
L = 1000	---	---	---	---	---	---