

## 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
<b>1.2083</b>	0.40	0.40	0.30	13.50	0.03
<b>1.4034</b>	0.40			13.50	

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

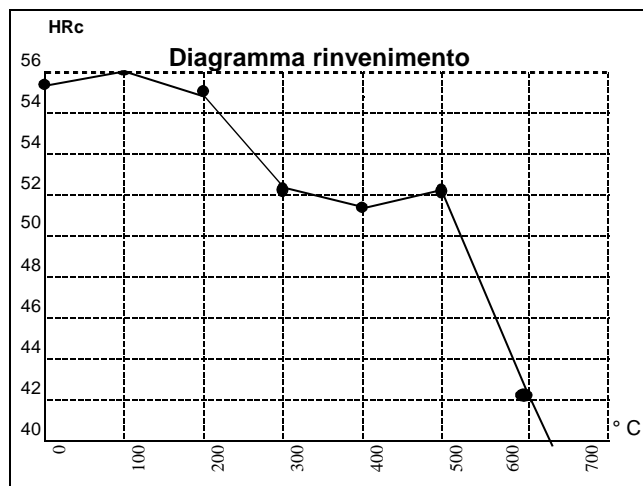
#### Utilizzo per:

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	---	---	---	---	---	---