

## HABA ServizioPiastre s.r.l.

✉ Via Emilia, 27/29  
24052 Azzano S.Paolo (BG)  
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### Acciaio da materia sintetica **1.2312** 40 Cr Mn Mo S 8 6 Resistenza 1'000 - 1'100 N/mm<sup>2</sup>

L %	C	Si	Mn	Cr	Ni	Mo	S
<b>1.2312</b>	0.40	0.40	1.50	1.90		0.20	0.10
<b>1.2311</b>	0.35	0.35	1.40	2.00		0.20	
<b>1.7225</b>	0.35	0.35	1.40	2.00		0.20	
<b>1.2738</b>	0.40	0.30	1.50	1.90	1.00	0.20	

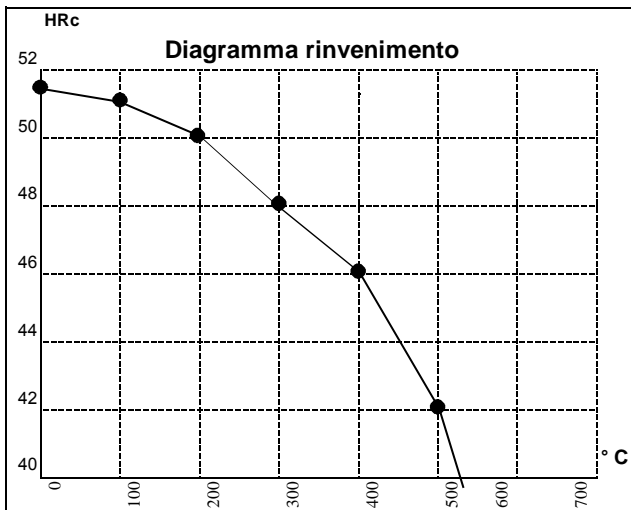
Esecuzione disponibile >	prelavorato
tolleranze >	spess.: +0,2 / 0 largh.: +0,4 / 0

#### Utilizzo per:

sovrastuttura utensili  
per stampi di medie e grandi dimensioni  
particolari costruttivi  
materiale per portastampi ad alta resistenza  
industria materie plastiche  
utensili per la foggatura plastica  
costruzione macchine

#### Caratteristiche:

durezza uniforme in grandi sezioni trasversali  
Tempra non usuale, già bonificato  
resistenza all'usura dopo la nitrurazione  
dopo la nitrurazione, raffreddamento lento  
buona precisione dimensionale, resilienza  
buona asportazione trucioli



#### Trattamento termico

- ricottura dolce 710-740 °C 4-6 ore raffreddam.forno
- ricottura bassa tens. 650-680°C 2-4 ore raffreddam. forno
- tempra 840-870 °C olio, tempra isotherm.,aria
- rinvenimento 600-650 °C 2 volte ogni 2 ore

#### Valori di tempra 820 °C rinvenuto 2 volte

100 °C	51	+ / - 1 HRC
200 °C	50	+ / - 1 HRC
300 °C	48	+ / - 1 HRC
400 °C	46	+ / - 1 HRC
500 °C	42	+ / - 1 HRC



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### Disponibilità del magazzino 1.2312 40 Cr Mn Mo S 8 6 Piastre universali prelavorate con sovrametallo

#### Tolleranza / Superficie

- spessore: +0,2 / 0 mm rettificato / fresatura di precisione  
- larghezza: +0,4 / 0 mm rettificato / fresatura di precisione  
- lunghezza: +0,4 / 0 mm rettificato / fresatura di precisione

#### Lunghezza 200,4 mm

Largh (mm)	Spessore (mm)						
	15.4	20.4	25.4	30.4	40.4	50.4	60.4
100.4	---	---	---	---	---	---	---
150.4	---	---	---	---	---	---	---
200.4	---	---	---	---	---	---	---

#### Lunghezza 300,4 mm

Largh (mm)	Spessore (mm)						
	15.4	20.4	25.4	30.4	40.4	50.4	60.4
100.4	---	---	---	---	---	---	---
150.4	---	---	---	---	---	---	---
200.4	---	---	---	---	---	---	---
250.4	---	---	---	---	---	---	---
300.4	---	---	---	---	---	---	---

#### Lunghezza 400,4 mm

Largh (mm)	Spessore (mm)						
	15.4	20.4	25.4	30.4	40.4	50.4	60.4
100.4	---	---	---	---	---	---	---
150.4	---	---	---	---	---	---	---
200.4	---	---	---	---	---	---	---
250.4	---	---	---	---	---	---	---
300.4	---	---	---	---	---	---	---
400.4	---	---	---	---	---	---	---

#### Lunghezza 600,4 mm

Largh (mm)	Spessore (mm)						
	15.4	20.4	25.4	30.4	40.4	50.4	60.4
100.4	---	---	---	---	---	---	---
150.4	---	---	---	---	---	---	---
200.4	---	---	---	---	---	---	---
250.4	---	---	---	---	---	---	---
300.4	---	---	---	---	---	---	---
400.4	---	---	---	---	---	---	---
500.4	---	---	---	---	---	---	---

