

## HABA ServizioPiastre s.r.l.

✉ Via Emilia, 27/29  
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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 |      |

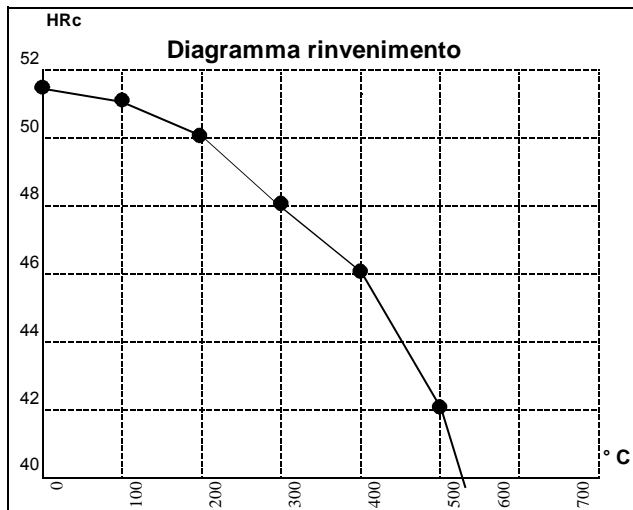
|                        |   |                                   |
|------------------------|---|-----------------------------------|
| Esecuzione disponibile | > | prelavorato                       |
| tolleranze             | > | spess.: +0,2 / 0 largh.: +0,4 / 0 |

#### 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 isoterm.,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  
 Piastrre universali prelavorate con sovrmetal**

**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      | ---           | ---  | ---  | ---  | ---  | ---  | ---  |

