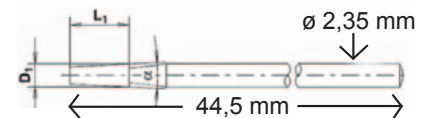




**Frese in carburo**  
*Carbide cutters*  
*Fraises en carbure*



**Frese in Carburo di Tunsteno di qualità superiore, speciali per orifici disponibili in tutte le forme illustrate di seguito (differenti forme e misure sono fornibili su richiesta). ATTENZIONE! In fase d'ordine specificare sempre i seguenti dati:**

**1. La forma della fresa (il numero identificativo); 2. Il diametro della testa**

*Top quality Carbide cutters, special for goldsmiths available in all following forms (different forms and sizes are available upon request). CAUTION Specify the following data when ordering: 1. The form of the cutter (identification number); 2. Diameter of the head*

*Fraises en carbure de qualité supérieure, spéciales pour orfèvres disponibles dans toutes les formes illustrées ci-dessous (différentes formes et tailles sont fournies sur demande) ATTENTION! Toujours spécifier dans l'ordre les données suivantes:*

**1. La forme de la fraise (le numéro d'identification); 2. Le diamètre de la tête**

Fig. 1

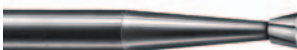


**Fig.1 Palla / round / ronde**

**Confezione: 6 pz / pack: 6 pieces / emb: 6 pièces**

<b>0830SA/09</b>	∅ 0.40 mm	<b>0830SA/16</b>	∅ 1.20 mm
<b>0830SA/10</b>	∅ 0.50 mm	<b>0830SA/17</b>	∅ 1.40 mm
<b>0830SA/11</b>	∅ 0.60 mm	<b>0830SA/18</b>	∅ 1.60 mm
<b>0830SA/12</b>	∅ 0.70 mm	<b>0830SA/19</b>	∅ 1.80 mm
<b>0830SA/13</b>	∅ 0.80 mm	<b>0830SA/20</b>	∅ 2.10 mm
<b>0830SA/14</b>	∅ 0.90 mm	<b>0830SA/21</b>	∅ 2.30 mm
<b>0830SA/15</b>	∅ 1.00 mm	<b>0830SA/22</b>	∅ 2.70 mm

Fig. 2



**Fig.2 Cono inverso / inverse cone / cône inverse**

**Confezione: 6 pz / pack: 6 pieces / emb: 6 pièces**

<b>0830SP/02006</b>	∅ 0.60 x 0.55 (L1) mm α 8,3°
<b>0830SP/02007</b>	∅ 0.70 x 0.60 (L1) mm α 9,5°
<b>0830SP/02008</b>	∅ 0.80 x 0.70 (L1) mm α 9,8°
<b>0830SP/02009</b>	∅ 0.90 x 0.80 (L1) mm α 10,7°
<b>0830SP/02010</b>	∅ 1.00 x 0.90 (L1) mm α 9,5°
<b>0830SP/02012</b>	∅ 1.20 x 1.05 (L1) mm α 10,4°
<b>0830SP/02014</b>	∅ 1.40 x 1.20 (L1) mm α 11,9°
<b>0830SP/02016</b>	∅ 1.60 x 1.40 (L1) mm α 12,2°
<b>0830SP/02018</b>	∅ 1.80 x 1.60 (L1) mm α 12,1°
<b>0830SP/02023</b>	∅ 2.10 x 1.85 (L1) mm α 15,2°

Fig. 3



**Fig.3 Ruota / wheel / roue**

**Confezione: 6 pz / pack: 6 pieces / emb: 6 pièces**

<b>0830SP/03012</b>	∅ 1.20 x 0.35 (L1) mm
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Fig. 21



**Fig.21 Cilindro / cylinder / cylindre**

**Confezione: 6 pz / pack: 6 pieces / emb: 6 pièces**

<b>0830SB/10</b>	∅ 0.80 x 3.50 (L1) mm	<b>0830SB/15</b>	∅ 1.60 x 5.00 (L1) mm
<b>0830SB/11</b>	∅ 0.80 x 3.00 (L1) mm	<b>0830SB/16</b>	∅ 1.80 x 5.00 (L1) mm
<b>0830SB/12</b>	∅ 1.00 x 4.00 (L1) mm	<b>0830SB/17</b>	∅ 2.10 x 5.50 (L1) mm
<b>0830SB/13</b>	∅ 1.20 x 4.50 (L1) mm	<b>0830SB/18</b>	∅ 2.30 x 5.50 (L1) mm
<b>0830SB/14</b>	∅ 1.40 x 4.50 (L1) mm		



**Frese in carburo**  
Carbide cutters  
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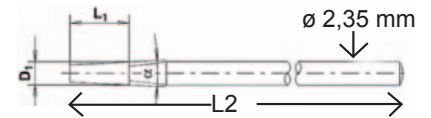


Fig. 23



**Fig.23 Cono testa piana / flat head cone / cône tête plate**  
Confezione: 6 pz / pack: 6 pieces / emb: 6 pièces

<b>0830SP/23008</b>	∅ 0.80 x 3.5 (L1) mm α 5,0°
<b>0830SP/23009</b>	∅ 0.90 x 4.0 (L1) mm α 5,0°
<b>0830SP/23010</b>	∅ 1.00 x 4.0 (L1) mm α 5,0°
<b>0830SP/23012</b>	∅ 1.20 x 4.5 (L1) mm α 5,0°

Fig. 23SR



**Fig.23SR Cono testa tonda / round head cone / cône tête ronde**  
Confezione: 6 pz / pack: 6 pieces / emb: 6 pièces

<b>0830SP/23SR008</b>	∅ 0.80 x 4 (L1) mm α 7,5°
<b>0830SP/23SR010</b>	∅ 1.00 x 4 (L1) mm α 9,2°

Fig. 31



**Fig.31 Taglio fessurato / slotted cut / denture fendillé**  
Confezione: 6 pz / pack: 6 pieces / emb: 6 pièces

<b>0830SP/31009</b>	∅ 0.90 x 4.0 (L1) mm	<b>0830SP/31016</b>	∅ 1.60 x 5.0 (L1) mm
<b>0830SP/31010</b>	∅ 1.00 x 4.0 (L1) mm	<b>0830SP/31021</b>	∅ 2.10 x 5.5 (L1) mm
<b>0830SP/31012</b>	∅ 1.20 x 4.5 (L1) mm	<b>0830SP/31023</b>	∅ 2.30 x 5.5 (L1) mm

Fig. 31R



**Fig.31R Taglio fessurato / slotted cut / denture fendillé**  
Confezione: 6 pz / pack: 6 pieces / emb: 6 pièces

<b>0830SP/31R009</b>	∅ 0.90 x 4.0 (L1) mm	<b>0830SP/31R010</b>	∅ 1.00 x 4.0 (L1) mm
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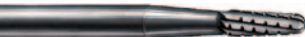
Fig. 33



**Fig.33 Taglio fessurato / slotted cut / denture fendillé**  
Confezione: 6 pz / pack: 6 pieces / emb: 6 pièces

<b>0830SB/39</b>	∅ 0.80 x 3.5 (L1) mm α 5,0°	<b>0830SB/43</b>	∅ 1.40 x 4.5 (L1) mm α 6,5°
<b>0830SB/40</b>	∅ 0.90 x 4.0 (L1) mm α 5,0°	<b>0830SB/44</b>	∅ 1.60 x 5.0 (L1) mm α 7,0°
<b>0830SB/41</b>	∅ 1.00 x 4.0 (L1) mm α 5,0°	<b>0830SB/45</b>	∅ 1.80 x 5.0 (L1) mm α 8,0°
<b>0830SB/42</b>	∅ 1.20 x 4.5 (L1) mm α 5,0°		

Fig. 33R



**Fig.33R Taglio fessurato / slotted cut / denture fendillé**  
Confezione: 6 pz / pack: 6 pieces / emb: 6 pièces

<b>0830SP/33R010</b>	∅ 1.00 x 4.0 (L1) mm α 5,0°
<b>0830SP/33R012</b>	∅ 1.20 x 4.5 (L1) mm α 5,0°
<b>0830SP/33R014</b>	∅ 1.40 x 4.5 (L1) mm α 5,0°
<b>0830SP/33R016</b>	∅ 1.60 x 5.0 (L1) mm α 7,0°
<b>0830SP/33R018</b>	∅ 1.80 x 5.0 (L1) mm α 8,0°

Fig. 426



**Fig.426 Taglio medio singolo / medium single cut / denture moyenne simple**  
Confezione: 2 pz / pack: 2 pieces / emb: 2 pièces

<b>0830SP/426023</b>	∅ 2.30 x 14.5 (L1) mm
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**Frese in carburo**  
*Carbide cutters*  
*Fraises en carbure*

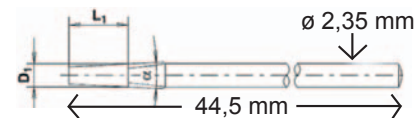


Fig. 432



**Fig.432 Taglio medio singolo / medium single cut / denture moyenne simple**  
**Confezione: 2 pz / pack: 2 pieces / emb: 2 pièces**

**0830SP/432023**      ø 2.30 x 14.5 (L1) mm α 7,0°

Fig. 433



**Fig.433 Taglio medio singolo / medium single cut / denture moyenne simple**  
**Confezione: 2 pz / pack: 2 pieces / emb: 2 pièces**

**0830SP/433023**      ø 2.30 x 12.0 (L1) mm α 5,5°

Fig. 421



**Fig.421 Taglio medio / medium cut / denture moyenne**  
**Confezione: 1 pz / pack: 1 piece / emb: 1 pièce**

**0830SD/10**      ø 4.00 x 42 (L2) mm

**0830SD/11**      ø 5.00 x 42 (L2) mm

Fig. 423



**Fig.423 Taglio medio / medium cut / denture moyenne**  
**Confezione: 1 pz / pack: 1 piece / emb: 1 pièce**

**0830SE/10**      ø 6.00 x 11 (L1) - 44,5 (L2) mm

Fig. 427



**Fig.427 Taglio medio / medium cut / denture moyenne**  
**Confezione: 1 pz / pack: 1 piece / emb: 1 pièce**

**0830SE/11**      ø 6.00 x 12.5 (L1) - 47 (L2) mm

Fig. 425



**Fig.425 Taglio medio / medium cut / denture moyenne**  
**Confezione: 1 pz / pack: 1 piece / emb: 1 pièce**

**0830SE/12**      ø 6.00 x 14 (L1) - 52 (L2) mm

Fig. 426



**Fig.426 Taglio medio / medium cut / denture moyenne**  
**Confezione: 1 pz / pack: 1 piece / emb: 1 pièce**

**0830SE/13**      ø 6.00 x 14 (L1) - 51 (L2) mm

Fig. 428



**Fig.428 Taglio medio / medium cut / denture moyenne**  
**Confezione: 1 pz / pack: 1 piece / emb: 1 pièce**

**0830SG/10**      ø 6.00 x 12.5 (L1) - 47,5 (L2) mm

Fig. 433



**Fig.433 Taglio medio / medium cut / denture moyenne**  
**Confezione: 1 pz / pack: 1 piece / emb: 1 pièce**

**0830SL/10**      ø 6.00 x 14 (L1) - 48 (L2) mm



**Frese in carburo**  
*Carbide cutters*  
*Fraises en carbure*

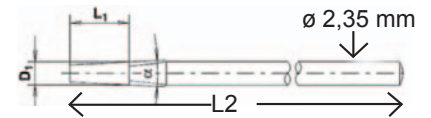


Fig. 414AU



**Fig.414AU Fresa carburo, cono, 90° / bearing carbide cutter, cone, 90°**  
 Confezione: 2 pz / pack: 2 pieces / emb: 2 pièces

<b>0830SA/414AU09</b>	ø 0.90 mm	<b>0830SA/414AU17</b>	ø 1.70 mm
<b>0830SA/414AU10</b>	ø 1.00 mm	<b>0830SA/414AU18</b>	ø 1.80 mm
<b>0830SA/414AU11</b>	ø 1.10 mm	<b>0830SA/414AU19</b>	ø 1.90 mm
<b>0830SA/414AU12</b>	ø 1.20 mm	<b>0830SA/414AU20</b>	ø 2.00 mm
<b>0830SA/414AU13</b>	ø 1.30 mm	<b>0830SA/414AU21</b>	ø 2.10 mm
<b>0830SA/414AU14</b>	ø 1.40 mm	<b>0830SA/414AU22</b>	ø 2.20 mm
<b>0830SA/414AU15</b>	ø 1.50 mm	<b>0830SA/414AU23</b>	ø 2.30 mm
<b>0830SA/414AU16</b>	ø 1.60 mm		

Fig. 446AU



**Fig.446AU Fresa carburo doppio cono, piatto, 70° / bearing carbide cutter flat, 70°**  
 Confezione: 2 pz / pack: 2 pieces / emb: 2 pièces

<b>0830SA/446AU09</b>	ø 0.90 mm	<b>0830SA/446AU17</b>	ø 1.70 mm
<b>0830SA/446AU10</b>	ø 1.00 mm	<b>0830SA/446AU18</b>	ø 1.80 mm
<b>0830SA/446AU11</b>	ø 1.10 mm	<b>0830SA/446AU19</b>	ø 1.90 mm
<b>0830SA/446AU12</b>	ø 1.20 mm	<b>0830SA/446AU20</b>	ø 2.00 mm
<b>0830SA/446AU13</b>	ø 1.30 mm	<b>0830SA/446AU21</b>	ø 2.10 mm
<b>0830SA/446AU14</b>	ø 1.40 mm	<b>0830SA/446AU22</b>	ø 2.20 mm
<b>0830SA/446AU15</b>	ø 1.50 mm	<b>0830SA/446AU23</b>	ø 2.30 mm
<b>0830SA/446AU16</b>	ø 1.60 mm		

Fig. 447AU



**Fig.447AU Fresa carburo Pavé / carbide cutter Pavé**  
 Confezione: 2 pz / pack: 2 pieces / emb: 2 pièces

<b>0830SA/447AU08</b>	ø 0.80 mm	<b>0830SA/447AU12</b>	ø 1.20 mm
<b>0830SA/447AU09</b>	ø 0.90 mm	<b>0830SA/447AU13</b>	ø 1.30 mm
<b>0830SA/447AU10</b>	ø 1.00 mm	<b>0830SA/447AU14</b>	ø 1.40 mm
<b>0830SA/447AU11</b>	ø 1.10 mm	<b>0830SA/447AU15</b>	ø 1.50 mm