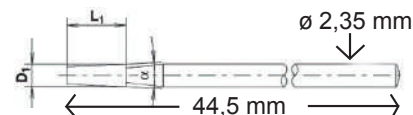




Frese in acciaio
Steel cutters
Fraises en acier



Frese di acciaio di qualità superiore a dentatura fine, speciali per orefici 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 steel cutters with fine teeth, special \varnothing 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 acier de qualité supérieure à denture fine, \varnothing 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		Confezione: 6 pz. / packaging: 6 pieces / emballage: 6 pièces	
0830RA/08	\varnothing 0.30 mm	0830RA/20	\varnothing 2.10 mm
0830RA/09	\varnothing 0.40 mm	0830RA/39	\varnothing 2.20 mm
0830RA/10	\varnothing 0.50 mm	0830RA/21	\varnothing 2.30 mm
0830RA/11	\varnothing 0.60 mm	0830RA/210	\varnothing 2.40 mm
0830RA/12	\varnothing 0.70 mm	0830RA/22	\varnothing 2.50 mm
0830RA/13	\varnothing 0.80 mm	0830RA/222	\varnothing 2.60 mm
0830RA/14	\varnothing 0.90 mm	0830RA/23	\varnothing 2.70 mm
0830RA/15	\varnothing 1.00 mm	0830RA/24	\varnothing 2.90 mm
0830RA/34	\varnothing 1.10 mm	0830RA/25	\varnothing 3.10 mm
0830RA/16	\varnothing 1.20 mm	0830RA/26	\varnothing 3.30 mm
0830RA/35	\varnothing 1.30 mm	0830RA/27	\varnothing 3.50 mm
0830RA/17	\varnothing 1.40 mm	0830RA/28	\varnothing 3.70 mm
0830RA/36	\varnothing 1.50 mm	0830RA/29	\varnothing 4.00 mm
0830RA/18	\varnothing 1.60 mm	0830RA/30	\varnothing 4.20 mm
0830RA/37	\varnothing 1.70 mm	0830RA/31	\varnothing 4.50 mm
0830RA/19	\varnothing 1.80 mm	0830RA/32	\varnothing 4.70 mm
0830RA/40	\varnothing 1.90 mm	0830RA/33	\varnothing 5.00 mm
0830RA/38	\varnothing 2.00 mm		



Fig.2		Confezione: 6 pz. / packaging: 6 pieces / emballage: 6 pièces	
0830RA/50	\varnothing 0.60 x 0.55 (L) mm α 12,0°	0830RA/56	\varnothing 1.40 x 1.20 (L) mm α 12,0°
0830RA/51	\varnothing 0.70 x 0.60 (L) mm α 12,0°	0830RA/57	\varnothing 1.60 x 1.40 (L) mm α 12,0°
0830RA/52	\varnothing 0.80 x 0.70 (L) mm α 12,0°	0830RA/58	\varnothing 1.80 x 1.60 (L) mm α 12,0°
0830RA/53	\varnothing 0.90 x 0.80 (L) mm α 12,0°	0830RA/59	\varnothing 2.10 x 1.85 (L) mm α 12,0°
0830RA/54	\varnothing 1.00 x 0.90 (L) mm α 12,0°	0830RA/60	\varnothing 2.30 x 2.00 (L) mm α 12,0°
0830RA/55	\varnothing 1.20 x 1.05 (L) mm α 12,0°		



Fig.3		Confezione: 6 pz. / packaging: 6 pieces / emballage: 6 pièces	
0830RB/10	\varnothing 0.60 x 0.21 (L) mm	0830RB/18	\varnothing 1.80 x 0.45 (L) mm
0830RB/11	\varnothing 0.70 x 0.23 (L) mm	0830RB/19	\varnothing 2.10 x 0.53 (L) mm
0830RB/12	\varnothing 0.80 x 0.25 (L) mm	0830RB/20	\varnothing 2.30 x 0.58 (L) mm
0830RB/13	\varnothing 0.90 x 0.27 (L) mm	0830RB/21	\varnothing 2.50 x 0.63 (L) mm
0830RB/14	\varnothing 1.00 x 0.30 (L) mm	0830RB/22	\varnothing 2.70 x 0.68 (L) mm
0830RB/15	\varnothing 1.20 x 0.33 (L) mm	0830RB/23	\varnothing 2.90 x 0.73 (L) mm
0830RB/16	\varnothing 1.40 x 0.36 (L) mm	0830RB/28	\varnothing 5.00 x 1.18 (L) mm
0830RB/17	\varnothing 1.60 x 0.40 (L) mm		



Frese in acciaio Steel cutters Fraises en acier

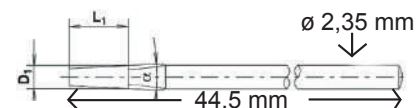


Fig.5		Confezione: 6 pz / packaging: 6 pieces / emballage: 6 pièces	
0830RR/10	ø 0.90 x 1.17 (L) mm α 42,0°	0830RR/18	ø 2.70 x 3.51 (L) mm α 42,0°
0830RR/09	ø 1.00 x 1.30 (L) mm α 42,0°	0830RR/19	ø 2.90 x 3.77 (L) mm α 42,0°
0830RR/11	ø 1.20 x 1.56 (L) mm α 42,0°	0830RR/20	ø 3.10 x 4.03 (L) mm α 42,0°
0830RR/12	ø 1.40 x 1.82 (L) mm α 42,0°	0830RR/21	ø 3.30 x 4.30 (L) mm α 42,0°
0830RR/13	ø 1.60 x 2.08 (L) mm α 42,0°	0830RR/22	ø 3.50 x 4.55 (L) mm α 42,0°
0830RR/14	ø 1.80 x 2.34 (L) mm α 42,0°	0830RR/23	ø 3.70 x 4.81 (L) mm α 42,0°
0830RR/15	ø 2.10 x 2.73 (L) mm α 42,0°	0830RR/24	ø 4.00 x 5.20 (L) mm α 42,0°
0830RR/16	ø 2.30 x 3.00 (L) mm α 42,0°	0830RR/26	ø 4.50 x 5.85 (L) mm α 42,0°
0830RR/17	ø 2.50 x 3.25 (L) mm α 42,0°	0830RR/28	ø 5.00 x 6.51 (L) mm α 42,0°



Fig.6		Confezione: 6 pz / packaging: 6 pieces / emballage: 6 pièces	
0830RS/06	ø 0.60 x 0.96 (L) mm	0830RS/23	ø 2.30 x 3.68 (L) mm
0830RS/07	ø 0.70 x 1.12 (L) mm	0830RS/25	ø 2.50 x 3.85 (L) mm
0830RS/08	ø 0.80 x 1.28 (L) mm	0830RS/27	ø 2.70 x 4.20 (L) mm
0830RS/09	ø 0.90 x 1.44 (L) mm	0830RS/29	ø 2.90 x 4.50 (L) mm
0830RS/10	ø 1.00 x 1.60 (L) mm	0830RS/31	ø 3.10 x 4.80 (L) mm
0830RS/12	ø 1.20 x 1.92 (L) mm	0830RS/33	ø 3.30 x 5.10 (L) mm
0830RS/14	ø 1.40 x 2.24 (L) mm	0830RS/35	ø 3.50 x 5.40 (L) mm
0830RS/16	ø 1.60 x 2.56 (L) mm	0830RS/37	ø 3.70 x 5.70 (L) mm
0830RS/18	ø 1.80 x 2.88 (L) mm	0830RS/40	ø 4.00 x 6.20 (L) mm
0830RS/21	ø 2.10 x 3.36 (L) mm	0830RS/45	ø 4.50 x 7.00 (L) mm

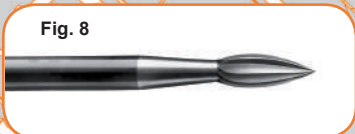


Fig.8		Confezione: 6 pz / packaging: 6 pieces / emballage: 6 pièces	
0830RP/10	ø 0.90 x 4.10 (L) mm	0830RP/14	ø 1.60 x 5.30 (L) mm
0830RP/11	ø 1.00 x 4.40 (L) mm	0830RP/15	ø 1.80 x 5.60 (L) mm
0830RP/12	ø 1.20 x 4.70 (L) mm	0830RP/16	ø 2.10 x 5.90 (L) mm
0830RP/13	ø 1.40 x 5.00 (L) mm	0830RP/17	ø 2.30 x 6.20 (L) mm



Fig.21		Confezione: 6 pz / packaging: 6 pieces / emballage: 6 pièces	
0830RC/10	ø 0.70 x 3.30 (L) mm	0830RC/16	ø 1.60 x 5.10 (L) mm
0830RC/11	ø 0.80 x 3.60 (L) mm	0830RC/17	ø 1.80 x 5.40 (L) mm
0830RC/12	ø 0.90 x 3.90 (L) mm	0830RC/18	ø 2.10 x 5.70 (L) mm
0830RC/13	ø 1.00 x 4.20 (L) mm	0830RC/19	ø 2.30 x 6.00 (L) mm
0830RC/14	ø 1.20 x 4.50 (L) mm	0830RC/21	ø 3.10 x 7.20 (L) mm
0830RC/15	ø 1.40 x 4.80 (L) mm		



Fig.23		Confezione: 6 pz / packaging: 6 pieces / emballage: 6 pièces	
0830RD/10	ø 0.70 x 3.30 (L) mm α 5,0°	0830RD/14	ø 1.20 x 4.50 (L) mm α 6,0°
0830RD/11	ø 0.80 x 3.60 (L) mm α 5,0°	0830RD/15	ø 1.40 x 4.80 (L) mm α 6,0°
0830RD/12	ø 0.90 x 3.90 (L) mm α 5,0°	0830RD/16	ø 1.60 x 5.10 (L) mm α 6,0°
0830RD/13	ø 1.00 x 4.20 (L) mm α 6,0°		



Frese in acciaio
Steel cutters
Fraises en acier

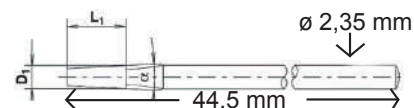


Fig. 412



Fig.412 Ruota / wheel / roue

Confezione: 2/6 pz / pack: 2/6 pieces / emb: 2/6 pièces

0830RV/412010	ø 1.00 x 0.80 (L1) mm	0830RV/412025	ø 2.50 x 1.30 (L1) mm
0830RV/412014	ø 1.40 x 1.00 (L1) mm	0830RV/412027	ø 2.70 x 1.35 (L1) mm
0830RV/412016	ø 1.60 x 1.10 (L1) mm	0830RV/412029	ø 2.90 x 1.40 (L1) mm
0830RV/412018	ø 1.80 x 1.15 (L1) mm	0830RV/412031	ø 3.10 x 1.50 (L1) mm
0830RV/412021	ø 2.10 x 1.20 (L1) mm	0830RV/412035	ø 3.50 x 1.60 (L1) mm
0830RV/412023	ø 2.30 x 1.25 (L1) mm	0830RV/412045	ø 4.50 x 2.15 (L1) mm
0830RV/412050	ø 5.00 x 2.40 (L1) mm	0830RV/412060	ø 6.00 x 3.50 (L1) mm
0830RV/412070	ø 7.00 x 4.00 (L1) mm	0830RV/412080	ø 8.00 x 4.50 (L1) mm
0830RV/412100	ø 10.00 x 5.50 (L1) mm		

Fig. 413



Fig.413 Cilindro a punta α 90,0° / stone setting cutters / cylindrique pointue

Confezione: 2/6 pezzi / pack: 2/6 pieces / emb: 2/6 pièces

0830RV/413100	ø 1.00 x 0.90 (L1) mm	0830RV/413300	ø 3.00 x 2.70 (L1) mm
0830RV/413125	ø 1.25 x 1.12 (L1) mm	0830RV/413325	ø 3.25 x 2.95 (L1) mm
0830RV/413150	ø 1.50 x 1.35 (L1) mm	0830RV/413350	ø 3.50 x 3.15 (L1) mm
0830RV/413175	ø 1.75 x 1.57 (L1) mm	0830RV/413375	ø 3.75 x 3.37 (L1) mm
0830RV/413200	ø 2.00 x 1.80 (L1) mm	0830RV/413400	ø 4.00 x 3.60 (L1) mm
0830RV/413250	ø 2.50 x 2.25 (L1) mm	0830RV/413425	ø 4.25 x 3.82 (L1) mm
0830RV/413275	ø 2.75 x 2.47 (L1) mm	0830RV/413450	ø 4.50 x 4.05 (L1) mm
0830RV/413475	ø 4.75 x 4.27 (L1) mm	0830RV/413500	ø 5.00 x 4.50 (L1) mm
0830RV/413550	ø 5.50 x 4.95 (L1) mm	0830RV/413600	ø 6.00 x 5.40 (L1) mm
0830RV/413700	ø 7.00 x 6.30 (L1) mm	0830RV/413800	ø 8.00 x 7.20 (L1) mm

Fig. 414



Fig.414 Doppio cono / bearing cutters / double cône

Confezione: 6 pezzi / pack: 6 pieces / emb: 6 pièces

0830RQ/05	ø 0.70 x 0.40 (L1) mm	0830RQ/36	ø 2.20 x 1.29 (L1) mm
0830RQ/06	ø 0.80 x 0.46 (L1) mm	0830RQ/16	ø 2.30 x 1.34 (L1) mm
0830RQ/07	ø 0.90 x 0.52 (L1) mm	0830RQ/25	ø 2.50 x 1.46 (L1) mm
0830RQ/20	ø 1.00 x 0.58 (L1) mm	0830RQ/26	ø 2.70 x 1.57 (L1) mm
0830RQ/21	ø 1.10 x 0.64 (L1) mm	0830RQ/27	ø 2.90 x 1.70 (L1) mm
0830RQ/10	ø 1.20 x 0.69 (L1) mm	0830RQ/28	ø 3.10 x 1.80 (L1) mm
0830RQ/22	ø 1.30 x 0.76 (L1) mm	0830RQ/29	ø 3.30 x 1.95 (L1) mm
0830RQ/11	ø 1.40 x 0.81 (L1) mm	0830RQ/30	ø 3.50 x 2.10 (L1) mm
0830RQ/12	ø 1.50 x 0.88 (L1) mm	0830RQ/31	ø 3.70 x 2.25 (L1) mm
0830RQ/13	ø 1.60 x 0.93 (L1) mm	0830RQ/32	ø 4.00 x 2.45 (L1) mm
0830RQ/23	ø 1.70 x 0.99 (L1) mm	0830RQ/37	ø 4.20 x 2.60 (L1) mm
0830RQ/14	ø 1.80 x 1.04 (L1) mm	0830RQ/38	ø 4.50 x 2.85 (L1) mm
0830RQ/35	ø 1.90 x 1.11 (L1) mm	0830RQ/33	ø 4.70 x 3.00 (L1) mm
0830RQ/24	ø 2.00 x 1.16 (L1) mm	0830RQ/34	ø 5.00 x 3.00 (L1) mm
0830RQ/15	ø 2.10 x 1.24 (L1) mm		



Frese in acciaio
Steel cutters
Fraises en acier

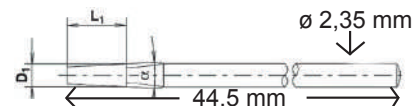


Fig. 446



Fig.446 Doppio cono / bearing cutters / double cône
Confezione: 6 pz / pack: 6 pieces / emb: 6 pièces

0830RN/10	∅ 1.00 x 0.43 (L1) mm	0830RN/20	∅ 3.10 x 1.27 (L1) mm
0830RN/11	∅ 1.20 x 0.51 (L1) mm	0830RN/21	∅ 3.30 x 1.36 (L1) mm
0830RN/12	∅ 1.40 x 0.59 (L1) mm	0830RN/22	∅ 3.50 x 1.47 (L1) mm
0830RN/13	∅ 1.60 x 0.68 (L1) mm	0830RN/23	∅ 3.70 x 1.57 (L1) mm
0830RN/14	∅ 1.80 x 0.76 (L1) mm	0830RN/24	∅ 4.00 x 1.74 (L1) mm
0830RN/15	∅ 2.10 x 0.89 (L1) mm	0830RN/25	∅ 4.20 x 1.84 (L1) mm
0830RN/16	∅ 2.30 x 0.97 (L1) mm	0830RN/26	∅ 4.50 x 2.01 (L1) mm
0830RN/17	∅ 2.50 x 1.05 (L1) mm	0830RN/27	∅ 4.70 x 2.11 (L1) mm
0830RN/18	∅ 2.70 x 1.13 (L1) mm	0830RN/28	∅ 5.00 x 2.27 (L1) mm
0830RN/19	∅ 2.90 x 1.22 (L1) mm		

Fig. 36



Fig.36 Cilindro fessurato / slotted cylinder / cylinder fendillé
Confezione: 6 pz / pack: 6 pieces / emb: 6 pièces

0830RG/10	∅ 0.60 x 3.0 (L1)-44,5 (L2) mm	0830RG/18	∅ 1.80 x 5.4 (L1)-44,5 (L2) mm
0830RG/11	∅ 0.70 x 3.3 (L1)-44,5 (L2) mm	0830RG/19	∅ 2.10 x 5.7 (L1)-44,5 (L2) mm
0830RG/12	∅ 0.80 x 3.6 (L1)-44,5 (L2) mm	0830RG/20	∅ 2.30 x 6.0 (L1)-44,5 (L2) mm
0830RG/13	∅ 0.90 x 3.9 (L1)-44,5 (L2) mm	0830RG/21	∅ 2.50 x 6.3 (L1)-44,5 (L2) mm
0830RG/14	∅ 1.00 x 4.2 (L1)-44,5 (L2) mm	0830RG/22	∅ 2.70 x 6.6 (L1)-44,5 (L2) mm
0830RG/15	∅ 1.20 x 4.5 (L1)-44,5 (L2) mm	0830RG/23	∅ 2.90 x 6.9 (L1)-44,5 (L2) mm
0830RG/16	∅ 1.40 x 4.8 (L1)-44,5 (L2) mm	0830RG/24	∅ 3.10 x 7.2 (L1)-44,5 (L2) mm
0830RG/17	∅ 1.60 x 5.1 (L1)-44,5 (L2) mm		

Fig. 38



Fig.38 Cono fessurato / slotted cone / cône fendillé
Confezione: 6 pz / pack: 6 pieces / emb: 6 pièces

0830RH/24	∅ 0.60 x 3.0 (L1)-44,5 (L2) mm α 5°
0830RH/10	∅ 0.70 x 3.3 (L1)-44,5 (L2) mm α 5°
0830RH/11	∅ 0.80 x 3.6 (L1)-44,5 (L2) mm α 5°
0830RH/12	∅ 0.90 x 3.9 (L1)-44,5 (L2) mm α 5°
0830RH/13	∅ 1.00 x 4.2 (L1)-44,5 (L2) mm α 6°
0830RH/14	∅ 1.20 x 4.5 (L1)-44,5 (L2) mm α 6°
0830RH/15	∅ 1.40 x 4.8 (L1)-44,5 (L2) mm α 6°
0830RH/16	∅ 1.60 x 5.1 (L1)-44,5 (L2) mm α 6°
0830RH/17	∅ 1.80 x 5.4 (L1)-44,5 (L2) mm α 6°
0830RH/18	∅ 2.10 x 5.7 (L1)-44,5 (L2) mm α 6°
0830RH/19	∅ 2.30 x 6.0 (L1)-44,5 (L2) mm α 6°
0830RH/20	∅ 2.50 x 6.3 (L1)-44,5 (L2) mm α 6°
0830RH/21	∅ 2.70 x 6.6 (L1)-44,5 (L2) mm α 6°
0830RH/22	∅ 2.90 x 6.9 (L1)-44,5 (L2) mm α 6°
0830RH/23	∅ 3.10 x 7.2 (L1)-44,5 (L2) mm α 6°

Fig. 39



Fig.39 Cono fessurato punta / pointed slotted cone / cône fendillé à pointe
Confezione: 6 pz / packaging: 6 pieces / emballage: 6 pièces

0830RI/10	∅ 0.70 x 3.3 (L1)-44,5 (L2) mm α 5,0°
0830RI/11	∅ 0.80 x 3.6 (L1)-44,5 (L2) mm α 5,0°
0830RI/12	∅ 0.90 x 3.9 (L1)-44,5 (L2) mm α 5,0°
0830RI/13	∅ 1.00 x 4.2 (L1)-44,5 (L2) mm α 6,0°
0830RI/14	∅ 1.20 x 4.5 (L1)-44,5 (L2) mm α 6,0°
0830RI/15	∅ 1.40 x 4.8 (L1)-44,5 (L2) mm α 6,0°



Frese in acciaio
Steel cutters
Fraises en acier

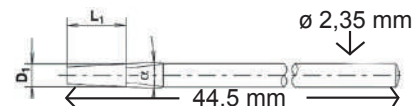


Fig.81 Palla fessurata / slotted round / ronde fendillé

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

0830RV/081050	ø 5.00-42.7 (L2) mm
0830RV/081060	ø 6.00-43.8 (L2) mm
0830RV/081070	ø 7.00-44.8 (L2) mm
0830RV/081080	ø 8.00-45.8 (L2) mm



Fig.82 Cilindro fessurato / slotted cylinder / cylindre fendillé

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

0830RV/082050	ø 5.00-10.0 (L1)-48.0 (L2) mm
0830RV/082060	ø 6.00-11.0 (L1)-49.0 (L2) mm
0830RV/082070	ø 7.00-12.0 (L1)-50.0 (L2) mm
0830RV/082080	ø 8.00-13.0 (L1)-51.0 (L2) mm



Fig.85 Gemma fessurato / slotted bud / bouton fendillé

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

0830RV/085050	ø 5.00-9.5 (L1)-47,5 (L2) mm
0830RV/085070	ø 7.00-12.5 (L1)-50.5 (L2) mm



Fig.194 Fiamma fessurato / slotted flame / flamme fendillé

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

0830RP/30	ø 1,00-7.5 (L1)-44,5 (L2) mm
0830RP/31	ø 1.20-8.0 (L1)-44.5 (L2) mm



Fig.49 Cilindro / cylinder / cylindrique

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

0830RV/049016	ø 1.60 x 5.1 (L1) - 44.5 (L2) mm
0830RV/049018	ø 1.80 x 5.4 (L1) - 44.5 (L2) mm
0830RV/049021	ø 2.10 x 5.7 (L1) - 44.5 (L2) mm
0830RV/049023	ø 2.30 x 6.0 (L1) - 44.5 (L2) mm
0830RV/049031	ø 3.10 x 7.2 (L1) - 44.5 (L2) mm



Fig.234 Taglio coltello / knife edge cutters / couteau circulaire

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

0830RV/234100	ø 10.00 x 2.25 (L1) - 44.5 (L2) mm
0830RV/234140	ø 14.00 x 2.75 (L1) - 44.5 (L2) mm



Fig.71 Palla / round / ronde

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

0830RV/071060	ø 6.00 x 43.8 (L2) mm
0830RV/071070	ø 7.00 x 44.8 (L2) mm
0830RV/071080	ø 8.00 x 45.8 (L2) mm



Frese in acciaio
Steel cutters
Fraises en acier

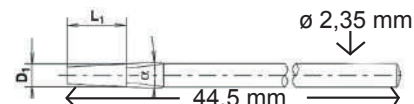


Fig. 76



Fig.76 Fiamma / flame / flamme

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

0830RV/076070 \varnothing 7.00 x 10.0 (L1) - 48.0 (L2) mm

Fig. 77



Fig.77 Pera / pear / poire

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

0830RV/077050 \varnothing 5.00 x 10.0 (L1) - 48.0 (L2) mm

0830RV/077060 \varnothing 6.00 x 11.0 (L1) - 50.0 (L2) mm

Fig. 79



Fig.79 Gemma / bud / bouton

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

0830RV/079045 \varnothing 4.50 x 14.0 (L1) - 52.0 (L2) mm

Fig. 411



Fig.411 Concava / concave cutter / fraise creuse

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

0830RL/10 \varnothing 0.90x0.70 (L1) mm 0.63 (D)	0830RL/17 \varnothing 2.30x1.70 (L1) mm 1.70 (D)
0830RL/11 \varnothing 1.00x0.75 (L1) mm 0.72 (D)	0830RL/18 \varnothing 2.50x1.85 (L1) mm 1.85 (D)
0830RL/110 \varnothing 1.10x0.78 (L1) mm 0.82 (D)	0830RL/19 \varnothing 2.70x2.00 (L1) mm 2.00 (D)
0830RL/12 \varnothing 1.20x0.90 (L1) mm 0.88 (D)	0830RL/20 \varnothing 2.90x2.15 (L1) mm 2.15 (D)
0830RL/120 \varnothing 1.30x0.98 (L1) mm 0.98 (D)	0830RL/21 \varnothing 3.10x2.30 (L1) mm 2.30 (D)
0830RL/13 \varnothing 1.40x1.05 (L1) mm 1.05 (D)	0830RL/22 \varnothing 3.50x2.60 (L1) mm 2.60 (D)
0830RL/27 \varnothing 1.50x1.12 (L1) mm 1.12 (D)	0830RL/23 \varnothing 4.00x3.00 (L1) mm 3.00 (D)
0830RL/14 \varnothing 1.60x1.20 (L1) mm 1.20 (D)	0830RL/24 \varnothing 4.50x3.35 (L1) mm 3.35 (D)
0830RL/140 \varnothing 1.70x1.28 (L1) mm 1.28 (D)	0830RL/25 \varnothing 5.00x3.75 (L1) mm 3.75 (D)
0830RL/15 \varnothing 1.80x1.35 (L1) mm 1.35 (D)	0830RL/26 \varnothing 6.00x4.30 (L1) mm 4.30 (D)
0830RL/16 \varnothing 2.10x1.55 (L1) mm 1.55 (D)	

Fig. 411C



Fig.411C Concava / concave cutter / fraise creuse

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

0830RL/510 \varnothing 1,00x0,75 (L1) mm 0.75 (D)	0830RL/516 \varnothing 1.60x1,20 (L1) mm 1.45 (D)
0830RL/512 \varnothing 1.20x0,90 (L1) mm 0.95 (D)	0830RL/518 \varnothing 1.80x1,35 (L1) mm 1.70 (D)
0830RL/514 \varnothing 1.40x1,05 (L1) mm 1.15 (D)	0830RL/521 \varnothing 2.10x1,55 (L1) mm 1.70 (D)
0830RL/515 \varnothing 1.50x1,12 (L1) mm 1.30 (D)	0830RL/523 \varnothing 2.30x1,70 (L1) mm 1.90 (D)

Fig. 411CT



Fig.411CT Concava / concave cutter / fraise creuse

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

0830RL/608 \varnothing 0,80x0,65 (L1) mm 0.49 (D)	0830RL/616 \varnothing 1.60x1,43 (L1) mm 1.13 (D)
0830RL/609 \varnothing 0.90x0,75 (L1) mm 0.57 (D)	0830RL/617 \varnothing 1.70x1,53 (L1) mm 1.21 (D)
0830RL/610 \varnothing 1.00x0,85 (L1) mm 0.64 (D)	0830RL/618 \varnothing 1.80x1,62 (L1) mm 1.29 (D)
0830RL/611 \varnothing 1.10x0,95 (L1) mm 0.72 (D)	0830RL/619 \varnothing 1.90x1,72 (L1) mm 1.37 (D)
0830RL/612 \varnothing 1.20x1,04 (L1) mm 0.79 (D)	0830RL/620 \varnothing 2.00x1,81 (L1) mm 1.45 (D)
0830RL/613 \varnothing 1.30x1,14 (L1) mm 0.87 (D)	0830RL/621 \varnothing 2.10x1,91 (L1) mm 1.54 (D)
0830RL/614 \varnothing 1.40x1,24 (L1) mm 0.96 (D)	0830RL/622 \varnothing 2.20x2,01 (L1) mm 1.60 (D)
0830RL/615 \varnothing 1.50x1,34 (L1) mm 1.05 (D)	0830RL/623 \varnothing 2.30x2,10 (L1) mm 1.69 (D)



Frese in acciaio
Steel cutters
Fraises en acier

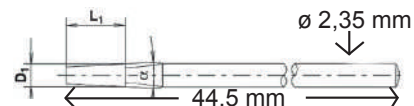


Fig. 411CCC



Fig.411CCC Concava / concave cutter / fraise creuse

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

0830RL/710 ø 1,00x0.75 (L1) mm 0.72 (D)	0830RL/715 ø 1.50x1.10 (L1) mm 1.15 (D)
0830RL/711 ø 1.10x0.78 (L1) mm 0.80 (D)	0830RL/716 ø 1.60x1.20 (L1) mm 1.25 (D)
0830RL/712 ø 1.20x0.90 (L1) mm 0.88 (D)	0830RL/718 ø 1.80x1.35 (L1) mm 1.40 (D)
0830RL/713 ø 1.30x0.98 (L1) mm 0.96 (D)	0830RL/721 ø 2.10x1.55 (L1) mm 1.65 (D)
0830RL/714 ø 1.40x1.05 (L1) mm 1.05 (D)	0830RL/723 ø 2.30x1.70 (L1) mm 1.85 (D)

Fig. 411T



Fig.411T Concava / concave cutter / fraise creuse

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

0830RL/808 ø 0.80x0.65 (L1) mm 0.65 (D)	0830RL/815 ø 1.50x1.34 (L1) mm 1.10 (D)
0830RL/809 ø 0.90x0.75 (L1) mm 0.70 (D)	0830RL/816 ø 1.60x1.43 (L1) mm 1.20 (D)
0830RL/810 ø 1.00x0.85 (L1) mm 0.75 (D)	0830RL/817 ø 1.70x1.53 (L1) mm 1.28 (D)
0830RL/811 ø 1.10x0.95 (L1) mm 0.78 (D)	0830RL/818 ø 1.80x1.62 (L1) mm 1.35 (D)
0830RL/812 ø 1.20x1.04 (L1) mm 0.90 (D)	0830RL/819 ø 1.90x1.72 (L1) mm 1.42 (D)
0830RL/813 ø 1.30x1.14 (L1) mm 0.98 (D)	0830RL/820 ø 2.00x1.81 (L1) mm 1.48 (D)
0830RL/814 ø 1.40x1.24 (L1) mm 1.05 (D)	

Fig. 415



Fig. 415 Lente / lens / lentille

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

0830RQ/415010	ø 0.10 x 0.26 (L1) mm 0.55 (α)
0830RQ/415011	ø 1.10 x 0.29 (L1) mm 0.55 (α)
0830RQ/415012	ø 1.20 x 0.31 (L1) mm 0.55 (α)
0830RQ/415013	ø 1.30 x 0.35 (L1) mm 0.55 (α)
0830RQ/415014	ø 1.40 x 0.36 (L1) mm 0.55 (α)
0830RQ/415015	ø 1.50 x 0.38 (L1) mm 0.55 (α)
0830RQ/415016	ø 1.60 x 0.39 (L1) mm 0.55 (α)
0830RQ/415017	ø 1.70 x 0.40 (L1) mm 0.55 (α)
0830RQ/415018	ø 1.80 x 0.40 (L1) mm 0.55 (α)
0830RQ/415019	ø 1.90 x 0.42 (L1) mm 0.55 (α)
0830RQ/415020	ø 2.00 x 0.44 (L1) mm 0.55 (α)
0830RQ/415021	ø 2.10 x 0.47 (L1) mm 0.55 (α)
0830RQ/415022	ø 2.20 x 0.49 (L1) mm 0.55 (α)
0830RQ/415023	ø 2.30 x 0.53 (L1) mm 0.55 (α)
0830RQ/415024	ø 2.40 x 0.55 (L1) mm 0.55 (α)
0830RQ/415025	ø 2.50 x 0.57 (L1) mm 0.55 (α)
0830RQ/415026	ø 2.60 x 0.60 (L1) mm 0.55 (α)
0830RQ/415027	ø 2.70 x 0.62 (L1) mm 0.55 (α)
0830RQ/415028	ø 2.80 x 0.64 (L1) mm 0.55 (α)
0830RQ/415029	ø 2.90 x 0.66 (L1) mm 0.55 (α)
0830RQ/415030	ø 3.00 x 0.69 (L1) mm 0.55 (α)
0830RQ/415031	ø 3.10 x 0.71 (L1) mm 0.55 (α)
0830RQ/415033	ø 3.30 x 0.76 (L1) mm 0.55 (α)
0830RQ/415035	ø 3.50 x 0.80 (L1) mm 0.55 (α)