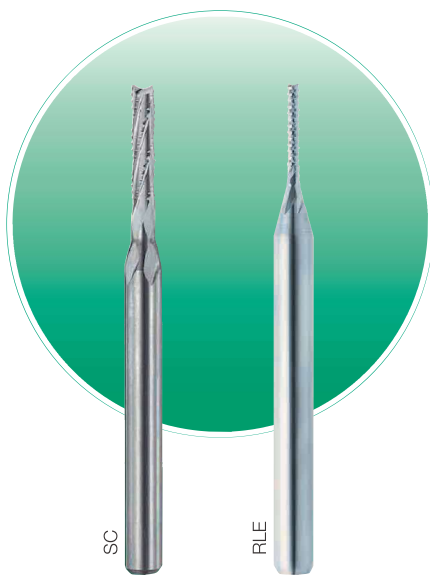
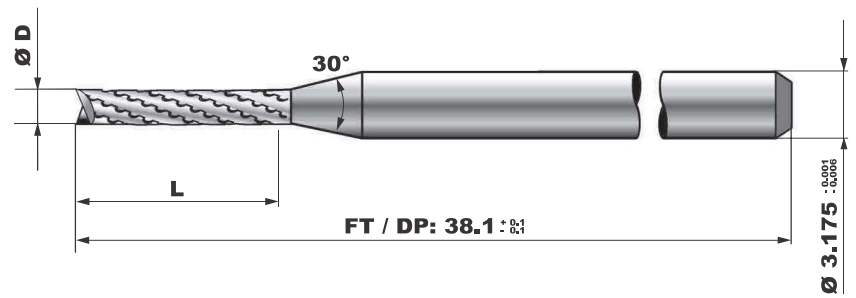


**SC**

ø 0.5 ~ ø 3.175 mm

RLE

ø 0.8 ~ ø 3.0 mm

**ROUTERS**

The SC/RLE router bits are a right hand, up draft design with a "chip breaker" geometry and can be used for contour routing on most general electronic printed circuit boards.

FRÄSER

Die SC/RLE-Fräser sind spiralverzahnt und haben eine Spanabfuhr nach oben. Sie werden für alle üblichen Fräse-Anwendungen empfohlen.

FRAISES

Les séries des fraises SC/RLE possèdent une taille en forme de "brise-copeaux" avec une évacuation de ceux-ci vers le haut. Elles sont recommandées pour toutes les applications de détourage conventionnel.

FRESE

Le serie di frese SC/RLE sono di tipo "spirale" con un'evacuazione del truciolo verso sopra. Sono consigliate per tutte le applicazioni di fresatura convenzionale.

FRESAS

Las series de fresas SC/RLE poseen un tallado con "rompe-virutas" y una evacuación de ellas hacia arriba. Se recomiendan para todas las aplicaciones de fresado convencional.

STANDARD CHIP BREAKER ROUTERS FOR GENERAL CONTOUR ROUTING

Ø mm	L mm	Router type	Label description	FT		DP		Applications						
						FR4	FR2/3	CEM1/3	PE/PTFE	PMMA	POLYIMIDE	Al	Cu	
0.5	2.5	SC	SC FT											
0.6	3.0	SC	SC FT											
0.7	4.0	SC	SC FT											
0.8	4.0 / 5.5	SC	SC FT / SC DP											
0.9	4.0 / 5.5	SC	SC FT / SC DP											
1.0 / 1.1	4.5 / 6.5	SC	SC FT / SC DP											
1.2	5.0 / 6.5	SC	SC FT / SC DP											
1.3	5.0 / 6.5	SC	SC FT / SC DP											
1.4	5.0 / 6.5	SC	SC FT / SC DP											
1.5	6.5 / 8.0	SC	SC FT / SC DP											
1.6	6.5 / 8.0	SC	SC FT / SC DP											
1.7 / 1.8	6.5 / 8.0	SC	SC FT / SC DP											
1.9	8.0	SC	SC FT											
2.0	8.0 / 9.5	SC	SC FT / SC DP											
2.1	8.0	SC	SC FT											
2.2	8.0	SC	SC FT / SC DP											
2.3	9.5	SC	SC FT											
2.4 / 2.5	9.5	SC	SC FT / SC DP											
2.6 ~ 2.8	9.5	SC	SC FT											
3.0 ~ 3.175	10.0	SC	SC FT											

IMPROVED CHIP BREAKER ROUTERS FOR A BETTER CHIP EVACUATION AND IMPROVED ACCURACY

Ø mm	L mm	Router type	Label description	FT 	DP (not available) 	Applications							
						FR4	FR2/3	CEM1/3	PE/PTFE	PMMA	POLYIMIDE	Al	Cu
0.8 / 0.9	4.5	RLE	RLE FT										
1.0	4.5 / 5.0	RLE	RLE FT										
1.2 / 1.4	5.0 / 6.5	RLE	RLE FT										
1.5	6.5 / 8.0	RLE	RLE FT / RLES FT N233										
1.6	6.5 / 8.0	RLE	RLE FT / RLES FT										
1.8	8.0	RLE	RLES FT										
2.0	8.0 / 9.5	RLE	RLES FT / RLES FT N233										
2.4 / 2.6	9.5	RLE	RLES FT										
3.0	9.5	RLE	RLES FT N233										



FT

Fishtail
Fischschwanz-Anschliff
Bout en queue de poisson
Testa a coda di pesce
Punta en cola de pez



DP

Drill point
Bohrspitzenanschiff
Bout en pointe
Testa a forare
Punta de broca

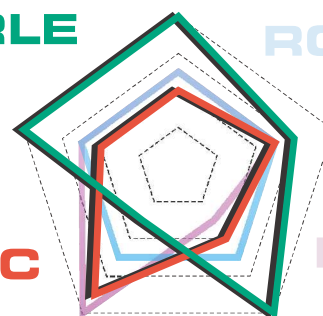
Breakage resistance
Bruchfestigkeit
Résistance à la rupture
Resistenza alla rottura
Resistencia a la rotura

RLE

RCM

SC

RHM



Dimensional accuracy
Massgenauigkeit
Précision dimensionnelle
Precisione dimensionale
Precisión dimensional

Wear resistance
Verschleisswiderstand
Résistance à l'usure
Resistenza all'usura
Resistencia al desgaste

Burr control
Gratreduktion
Réduction de la bavure
Riduzione della bava
Reducción de la rebaba

Swarf evacuation
Spanabfuhr
Evacuation des copeaux
Evacuazione truciolo
Evacuación de virutas