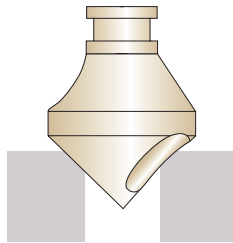
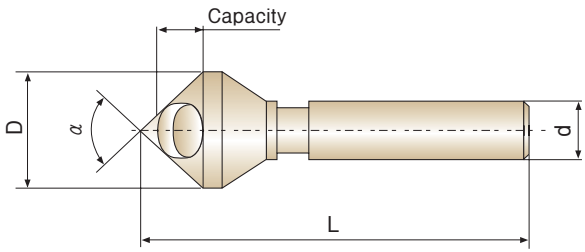


# DEBURRING TOOL With Hole



- » For light metals and plastics.
- » For deburring and small chamfers.
- » Best surface finish.
- » Works without vibrations.

Tolerance			
D	α	d	L
+0.3	-1 °	h9	±1

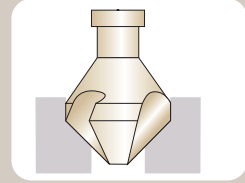
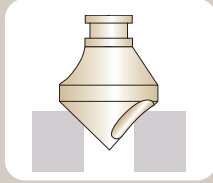
unit : mm

Angle	Nominal Diameter	Shank Diameter	Over All Length	Capacity	EDP No. (uncoating)		
α	D	d	L	min/max	M42	M35	M2
90 °	10.0	6.0	45.0	2 - 5	C1109100	C2109100	C3109100
	15.0	8.0	55.0	6 - 14	C1109150	C2109150	C3109150
	20.0	10.0	65.0	8 - 18	C1109200	C2109200	C3109200
	25.0	12.0	78.0	10 - 23	C1109250	C2109250	C3109250
	30.0	12.0	88.0	12 - 28	C1109300	C2109300	C3109300
	35.0	16.0	110.0	14 - 33	C1109350	C2109350	C3109350
	40.0	16.0	115.0	16 - 38	C1109400	C2109400	C3109400
	45.0	16.0	120.0	18 - 43	C1109450	C2109450	C3109450
	50.0	16.0	130.0	20 - 48	C1109500	C2109500	C3109500

\* TiN & TiCN coating is available on your request.

# RECOMMENDED CUTTING SPEED

V : Cutting Speed  
S : Feed per Revolution



Material	V (mm/min)	S (mm/rev)			V (mm/min)	S (mm/rev)			V (mm/min)	S (mm/rev)		
		$\phi \leq 10$	$\phi \leq 20$	$\phi \leq 30$		$\phi \leq 10$	$\phi \leq 20$	$\phi \leq 30$		$\phi \leq 10$	$\phi \leq 20$	$\phi \leq 30$
Steels $\leq 500\text{N/mm}^2$	35-45	0.20	0.22	0.24	35-45	0.20	0.22	0.24	17-22	0.30	0.32	0.36
Steels 500~800N/mm <sup>2</sup>	20-30	0.14	0.17	0.20	20-30	0.14	0.17	0.20	10-15	0.28	0.30	0.31
Steels 800~1000N/mm <sup>2</sup>	15-20	0.11	0.12	0.14	15-20	0.11	0.12	0.14	8-12	0.24	0.26	0.28
Steels-Stainless Steel 1000~1300N/mm <sup>2</sup>	12-15	0.10	0.12	0.15	12-15	0.10	0.12	0.15	6-8	0.20	0.20	0.22
Stainless Steels	6-8	0.07	0.08	0.09	6-8	0.07	0.08	0.09	4-6	0.08	0.09	0.10
Cast Iron	20-40	0.15	0.24	0.28	20-40	0.15	0.24	0.28	15-25	0.13	0.19	0.24
Aluminium	50-60	0.22	0.25	0.27	50-60	0.22	0.25	0.27	35-45	0.27	0.30	0.35
Brass-Bronze	30-40	0.23	0.25	0.28	30-40	0.23	0.25	0.28	20-30	0.30	0.30	0.31
Copper	20-30	0.22	0.25	0.27	20-30	0.22	0.25	0.27	10-15	0.29	0.30	0.31
Plastics	50-100	0.50	0.60	0.65	50-100	0.50	0.60	0.65	35-70	0.40	0.45	0.50

\* TiN & TiCN coating is available on your request.