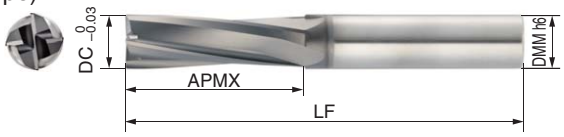
SSDC 4000(RL) Type

4 Flutes | SDC Coating | Corner | Side Milling | Groove Milling | Groove Finishing | Cut

Coated Carbide	Carbon Steel	Alloy Steel	Pre-hardened Steel	Tempered Steel Die Steel	Hardened Steel 45 to 55 HRC	Hardened Steel 55 to 60 HRC	Hardened Steel 60 to 65 HRC	Stainless Steel	Ti Alloy Heat Resistant Alloy	Cast Iron	Aluminum Alloy	Copper Alloy	Graphite	CFRP
×	×	×	×	×	×	×	×	×	×	×			○	◎

SSDC4000 (Right-hand Helix Type)

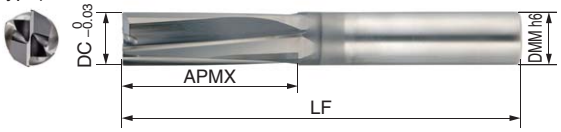


■ Body (Right-hand Helix Type)

Cat. No.	Stock	Dimensions (mm)			
		Cutting diameter DC	Depth of cut APMX	Total Length LF	Shank diameter DMM
SSDC 4060	●	**6.0**	20	70	6
4080	●	**8.0**	30	80	8
4100	●	**10.0**	30	90	10
4120	●	**12.0**	30	100	12

Grade: DCX20

SSDC4000RL (Righ/Left-hand Helix Type)



■ Body (Righ/Left-hand Helix Type)

Cat. No.	Stock	Dimensions (mm)			
		Cutting diameter DC	Depth of cut APMX	Total Length LF	Shank diameter DMM
SSDC 4060RL	●	**6.0**	20	70	6
4080RL	●	**8.0**	30	80	8
4100RL	●	**10.0**	30	90	10
4120RL	●	**12.0**	30	100	12

Grade: DCX20

■ Endmill Identification

SSDC 4 060 RL

① Series Code | ② No. of Flutes | ③ Diameter | ④ Helix Shape (Right/Left-hand Helix)

■ Recommended Cutting Conditions

1. Use the cutting conditions as guide.
   Cutting conditions are greatly influenced by clamping state, work grades, work thickness, and machine rigidity. Adjust the conditions accordingly.
2. Take sufficient dust control measures.
3. When radial cutting depth is 0.7D or more in Groove Milling and trimming, reduce feed rate accordingly.

● Groove Milling (Common)

Work Material / Cutting Conditions / DC (mm)	CFRP Dry			
	Spindle Speed (m/min)	Spindle Speed (min^{-1})	Feed Rate (m/min)	Feed Rate (min^{-1})
6.0	197.8	10,500	940	0.090
8.0	201.0	8,000	800	0.100
10.0	204.1	6,500	720	0.111
12.0	207.2	5,500	670	0.122