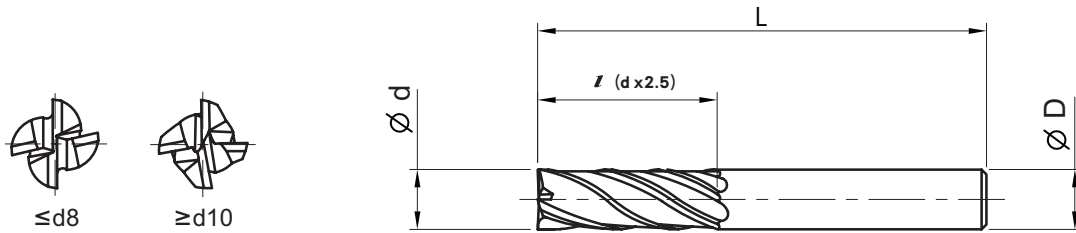


DE - d x 2.5



Cutting Condition
P142-143



MODE	Diameter	Flute Length	Full Length	Shank Diameter	Coating		
	d	L	L	D	TiSiN	ZrN-A	nACRo
DE0104	1	2.5	50	4	.02	.03	.08
DE0154	1.5	3.8	50	4	.02	.03	.08
DE0204	2	5	50	4	.02	.03	.08
DE0304	3	7.5	50	4	.02	.03	.08
DE0404	4	10	50	4	.02	.03	.08
DE0504	5	12.5	50	6	.02	.03	.08
DE0604	6	15	50	6	.02	.03	.08
DE0804	8	20	60	8	.02	.03	.08
DE1004	10	25	75	10	.02	.03	.08
DE1204	12	30	75	12	.02	.03	.08
DE1604	16	40	100	16	.02	.03	.08
DE2004	20	50	100	20	.02	.03	.08

Application :

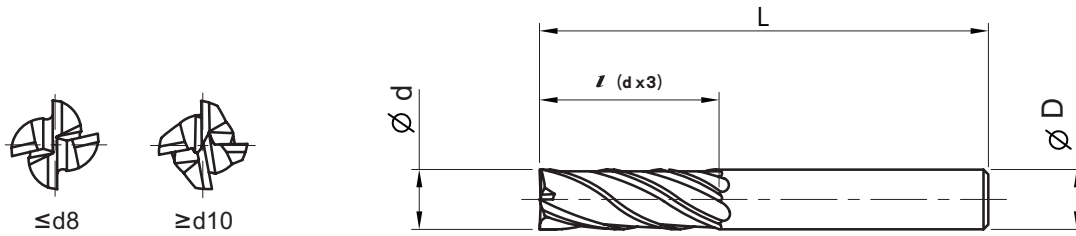
★ Perfect © Excellent ○ Good

Coating	Carbon steel, Alloy steel	Pre-hardened steel	High-hardened					Stainless steel	Titanium alloy	Nickel/Inconel alloy	Copper alloy	Aluminum alloy
		~45HRC	~50HRC	~55HRC	~60HRC	~65HRC						
nACRo	©	©	©	○			©					
SI	○	○	©	©								
ZrN-A	©	©	○	○			©					

DEL - d x 3



Cutting Condition
P142-143



MODE	Diameter	Flute Length	Full Length	Shank Diameter	Coating		
	d	Z	L	D	TiSiN	ZrN-A	nACRo
DEL0404	4	12	50	4	.02	.03	.08
DEL0604	6	18	60	6	.02	.03	.08
DEL0804	8	24	75	8	.02	.03	.08
DEL1004	10	30	75	10	.02	.03	.08
DEL1204	12	36	100	12	.02	.03	.08
DEL1604	16	48	100	16	.02	.03	.08
DEL2004	20	60	150	20	.02	.03	.08

Application :

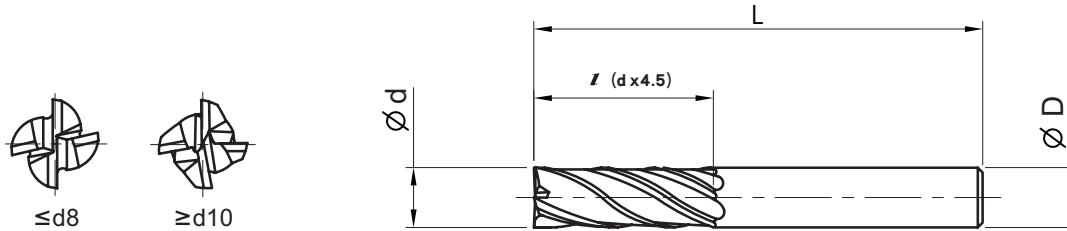
★ Perfect ◎ Excellent ○ Good

Coating	Carbon steel, Alloy steel	Pre-hardened steel	High-hardened					Stainless steel	Titanium alloy	Nickel/Inconel alloy	Copper alloy	Aluminum alloy
		~45HRC	~50HRC	~55HRC	~60HRC	~65HRC						
nACRo	◎	◎	◎	○			◎					
SI	○	○	◎	◎								
ZrN-A	◎	◎	○	○			◎					

DEVL - d x 4.5



Cutting Condition
P142-143



MODE	Diameter	Flute Length	Full Length	Shank Diameter	Coating		
	d	L	L	D	TiSiN	ZrN-A	nACRo
DEVL0604	6	27	75	6	.02	.03	.08
DEVL0804	8	36	100	8	.02	.03	.08
DEVL1004	10	45	100	10	.02	.03	.08
DEVL1204	12	54	115	12	.02	.03	.08
DEVL1604	16	72	150	16	.02	.03	.08
DEVL2004	20	90	150	20	.02	.03	.08

Application :

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Coating	Carbon steel, Alloy steel	Pre-hardened steel	High-hardened					Stainless steel	Titanium alloy	Nickel/Inconel alloy	Copper alloy	Aluminum alloy
		~45HRC	~50HRC	~55HRC	~60HRC	~65HRC						
nACRo	©	©	©	○			©					
SI	○	○	©	©								
ZrN-A	©	©	○	○			©					