

VFHVRB

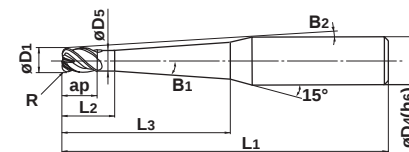
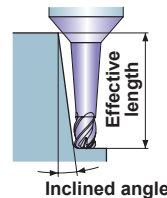
Corner radius, Short cut length, 4 flute, Irregular helix flutes



CARBIDE

Carbon Steel, Alloy Steel, Cast Iron (≤30HRC)	Tool Steel, Pre-Hardened Steel, Hardened Steel (≤45HRC)	Hardened Steel (≤55HRC)	Hardened Steel (≥55HRC)	Austenitic Stainless Steel	Titanium Alloy, Heat Resistant Alloy	Copper Alloy	Aluminium Alloy
◎	◎	◎	◎	○	○		

Taper neck type

Effective length
for inclined angle

R	D1 ≤ 10	D1 > 10			
	±0.007	±0.01			
h6	D1 ≤ 12				
	0 - 0.02				
	D4=6	8 ≤ D4 ≤ 10	12 ≤ D4 ≤ 16		
	0 - 0.008	0 - 0.009	0 - 0.011		

● Impact Miracle corner radius end mill for high feed and efficient machining.

Unit : mm

Order Number	D1	R	B1	ap	L3	L2	D5	B2	L1	D4	Flutes	Stock	Effective length for inclined angle			
													30°	1°	2°	3°
VFHVRBD010R02N006T09	1	0.2	0.9°	1	6	2.5	0.94	9.3°	60	6	4	●	—	6.6	7.1	7.6
D010R02N010T09	1	0.2	0.9°	1	10	2.5	0.94	7.5°	60	6	4	●	—	10.6	11.4	12.3
D010R02N015T09	1	0.2	0.9°	1	15	2.5	0.94	6.1°	60	6	4	●	—	15.6	16.8	18.1
D010R02N020T09	1	0.2	0.9°	1	20	2.5	0.94	5.1°	80	6	4	●	—	20.6	22.1	23.9
D010R02N025T09	1	0.2	0.9°	1	25	2.5	0.94	4.4°	80	6	4	●	—	25.6	27.5	29.7
D010R02N030T09	1	0.2	0.9°	1	30	2.5	0.94	3.8°	80	6	4	●	—	30.6	32.9	35.5
D010R02N035T09	1	0.2	0.9°	1	35	2.5	0.94	3.4°	90	6	4	●	—	35.6	38.3	41.3
D010R02N040T09	1	0.2	0.9°	1	40	2.5	0.94	3.1°	90	6	4	●	—	40.6	43.6	47.2
D010R02N045T09	1	0.2	0.9°	1	45	2.5	0.94	2.8°	90	6	4	●	—	45.6	49	*
D010R02N050T09	1	0.2	0.9°	1	50	2.5	0.94	2.6°	90	6	4	●	—	50.6	54.4	*
D015R03N010T09	1.5	0.3	0.9°	1.5	10	3	1.44	7.1°	60	6	4	●	—	10.6	11.4	12.3
D015R03N015T09	1.5	0.3	0.9°	1.5	15	3	1.44	5.7°	60	6	4	●	—	15.6	16.8	18.1
D015R03N020T09	1.5	0.3	0.9°	1.5	20	3	1.44	4.7°	80	6	4	●	—	20.6	22.2	23.9
D015R03N030T09	1.5	0.3	0.9°	1.5	30	3	1.44	3.5°	80	6	4	●	—	30.6	32.9	35.6
D015R03N040T09	1.5	0.3	0.9°	1.5	40	3	1.44	2.8°	90	6	4	●	—	40.6	43.7	*
D015R03N050T09	1.5	0.3	0.9°	1.5	50	3	1.44	2.4°	90	6	4	●	—	50.6	54.4	*
D020R05N015T04	2	0.5	0.4°	2	15	4	1.9	5.2°	60	6	4	●	15.6	16.2	17.4	18.7
D020R05N020T04	2	0.5	0.4°	2	20	4	1.9	4.3°	80	6	4	●	20.6	21.3	22.9	24.7
D020R05N025T04	2	0.5	0.4°	2	25	4	1.9	3.6°	80	6	4	●	25.6	26.5	28.5	30.8
D020R05N030T04	2	0.5	0.4°	2	30	4	1.9	3.2°	80	6	4	●	30.6	31.7	34	36.8
D020R05N035T04	2	0.5	0.4°	2	35	4	1.9	2.8°	80	6	4	●	35.6	36.9	39.6	*
D020R05N040T04	2	0.5	0.4°	2	40	4	1.9	2.5°	80	6	4	●	40.6	42	45.2	*
D020R05N020T09	2	0.5	0.9°	2	20	4	1.9	4.4°	80	6	4	●	—	20.8	22.3	24.1
D020R05N025T09	2	0.5	0.9°	2	25	4	1.9	3.7°	90	6	4	●	—	25.8	27.7	29.9
D020R05N030T09	2	0.5	0.9°	2	30	4	1.9	3.2°	90	6	4	●	—	30.8	33	35.7
D020R05N035T09	2	0.5	0.9°	2	35	4	1.9	2.9°	90	6	4	●	—	35.8	38.4	*
D020R05N040T09	2	0.5	0.9°	2	40	4	1.9	2.6°	90	6	4	●	—	40.8	43.8	*
D020R05N045T09	2	0.5	0.9°	2	45	4	1.9	2.3°	90	6	4	●	—	45.8	49.2	*
D020R05N050T09	2	0.5	0.9°	2	50	4	1.9	2.2°	100	6	4	●	—	50.8	54.5	*
D020R05N055T09	2	0.5	0.9°	2	55	4	1.9	2°	100	6	4	●	—	55.8	59.9	*
D020R05N060T09	2	0.5	0.9°	2	60	4	1.9	1.8°	100	6	4	●	—	60.8	*	*
D030R08N020T09	3	0.8	0.9°	3	20	6	2.9	3.6°	80	6	4	●	—	20.9	22.4	24.1
D030R08N025T09	3	0.8	0.9°	3	25	6	2.9	3°	80	6	4	●	—	25.9	27.8	30
D030R08N030T09	3	0.8	0.9°	3	30	6	2.9	2.6°	80	6	4	●	—	30.9	33.1	*

* No interference

● : Inventory maintained.

SQUARE

BALL

RADIUS

TAPER

SOLID END MILLS