

End Mill

CEMENTED CARBIDE TOOLS



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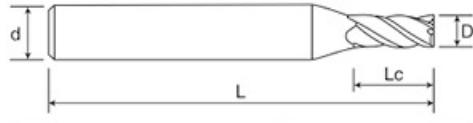
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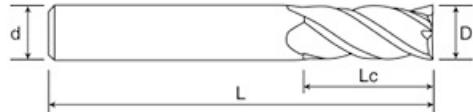
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HRC65 Carbide 4 Flutes Standard Length End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	4
3*12*3*75	3	12	3	75	4
3*15*3*100	3	15	3	100	4
1*3*4*50	1	3	4	50	4
1.5*4*4*50	1.5	4	4	50	4
2*5*4*50	2	5	4	50	4
2.5*7*4*50	2.5	7	4	50	4
3*8*4*50	3	8	4	50	4
3.5*10*4*50	3.5	10	4	50	4
4*10*4*50	4	10	4	50	4
4*16*4*75	4	16	4	75	4
4*20*4*100	4	20	4	100	4
5*13*5*50	5	13	5	50	4
5*20*5*75	5	20	5	75	4
5*25*5*100	5	25	5	100	4
1*3*6*50	1	3	6	50	4
1.5*4*6*50	1.5	4	6	50	4
2*5*6*50	2	5	6	50	4
2.5*7*6*50	2.5	7	6	50	4
3*8*6*50	3	8	6	50	4
3.5*10*6*50	3.5	10	6	50	4
4*10*6*50	4	10	6	50	4
4.5*12*6*50	4.5	12	6	50	4
5*13*6*50	5	13	6	50	4
6*15*6*50	6	15	6	50	4

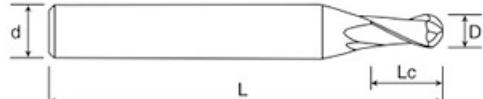
Type	Specification				Flutes
	D	Lc	d	L	
6*25*6*75	6	25	6	75	4
6*30*6*100	6	30	6	100	4
6*40*6*150	6	40	6	150	4
7*18*8*60	7	18	8	60	4
8*20*8*60	8	20	8	60	4
8*28*8*75	8	28	8	75	4
8*35*8*100	8	35	8	100	4
8*50*8*150	8	50	8	150	4
9*23*10*75	9	23	10	75	4
10*25*10*75	10	25	10	75	4
10*40*10*100	10	40	10	100	4
10*50*10*150	10	50	10	150	4
11*28*12*75	11	28	12	75	4
12*30*12*75	12	30	12	75	4
12*45*12*100	12	45	12	100	4
12*60*12*150	12	60	12	150	4
14*45*14*100	14	45	14	100	4
14*60*14*150	14	60	14	150	4
16*45*16*100	16	45	16	100	4
16*60*16*150	16	60	16	150	4
18*45*18*100	18	45	18	100	4
18*70*18*150	18	70	18	150	4
20*45*20*100	20	45	20	100	4
20*70*20*150	20	70	20	150	4

► Table of applicable processed materials and cutting parameters.

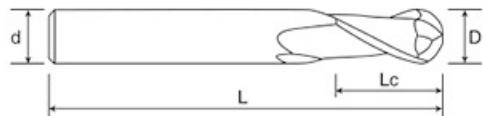
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.1D$	120m/min	0.006D mm/z
M Stainless steel	$\leq 1.5D$	$\leq 0.1D$	100m/min	0.006D mm/z
K Cast Iron	$\leq 1.5D$	$\leq 0.1D$	120m/min	0.0055D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC65 Carbide 2 Flutes Standard Length Ball Nose End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	R	Lc	d	L	
R1.5*6*3*50	1.5	6	3	50	2
R1.5*6*3*75	1.5	6	3	75	2
R1.5*6*3*100	1.5	6	3	100	2
R0.5*2*4*50	0.5	2	4	50	2
R0.75*3*4*50	0.75	3	4	50	2
R1*4*4*50	1	4	4	50	2
R1.25*5*4*50	1.25	5	4	50	2
R1.5*6*4*50	1.5	6	4	50	2
R1.75*7*4*50	1.75	7	4	50	2
R2*8*4*50	2	8	4	50	2
R2*8*4*75	2	8	4	75	2
R2*8*4*100	2	8	4	100	2
R2.5*10*5*50	2.5	10	5	50	2
R2.5*10*5*75	2.5	10	5	75	2
R2.5*10*5*100	2.5	10	5	100	2
R0.5*2*6*50	0.5	2	6	50	2
R0.75*3*6*50	0.75	3	6	50	2
R1*4*6*50	1	4	6	50	2
R1.25*5*6*50	1.25	5	6	50	2
R1.5*6*6*50	1.5	6	6	50	2
R1.75*7*6*50	1.75	7	6	50	2
R2*8*6*50	2	8	6	50	2
R2.5*10*6*50	2.5	10	6	50	2
R3*12*6*50	3	12	6	50	2
R3*12*6*75	3	12	6	75	2

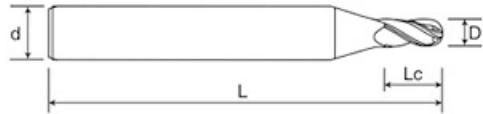
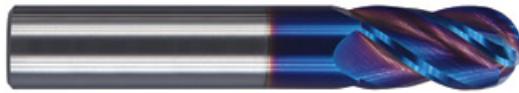
Type	Specification				Flutes
	R	Lc	d	L	
R3*12*6*100	3	12	6	100	2
R3*12*5*150	3	12	6	150	2
R3.5*14*8*60	3.5	14	8	60	2
R4*16*8*60	4	16	8	60	2
R4*16*8*75	8	16	8	75	2
R4*16*8*100	4	16	8	100	2
R4*16*8*150	4	16	8	150	2
R4.5*18*10*75	4.5	18	10	75	2
R5*20*10*75	5	20	10	75	2
R5*20*10*100	5	20	10	100	2
R5*20*10*150	5	20	10	150	2
R5.5*22*12*75	5.5	22	12	75	2
R6*24*12*75	6	24	12	75	2
R6*24*12*100	6	24	12	100	2
R6*24*12*150	6	24	12	150	2
R7*28*14*80	14	28	14	80	2
R7*28*14*100	14	28	14	100	2
R7*28*14*150	14	28	14	150	2
R8*32*16*100	16	32	16	100	2
R8*32*16*150	16	32	16	150	2
R9*36*18*100	18	36	18	100	2
R9*36*18*150	18	36	18	150	2
R10*40*20*100	20	40	20	100	2
R10*40*20*150	20	40	20	150	2

► Table of applicable processed materials and cutting parameters.

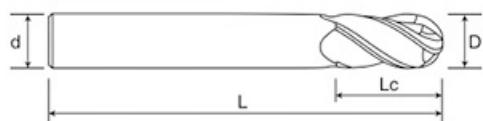
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 0.2D$	$\leq 0.2D$	120m/min	0.004D mm/z
M Stainless steel	$\leq 0.2D$	$\leq 0.2D$	80m/min	0.004D mm/z
K Cast Iron	$\leq 0.2D$	$\leq 0.2D$	120m/min	0.004D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC65 Carbide 4 Flutes Standard Length Ball Nose End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	R	Lc	d	L	
R1.5*6*3*50	1.5	6	3	50	4
R1.5*6*3*75	1.5	6	3	75	4
R1.5*6*3*100	1.5	6	3	100	4
R0.5*2*4*50	0.5	2	4	50	4
R0.75*3*4*50	0.75	3	4	50	4
R1*4*4*50	1	4	4	50	4
R1.25*5*4*50	1.25	5	4	50	4
R1.5*6*4*50	1.5	6	4	50	4
R1.75*7*4*50	1.75	7	4	50	4
R2*8*4*50	2	8	4	50	4
R2*8*4*75	2	8	4	75	4
R2*8*4*100	2	8	4	100	4
R2.5*10*5*50	2.5	10	5	50	4
R2.5*10*5*75	2.5	10	5	75	4
R2.5*10*5*100	2.5	10	5	100	4
R2.5*10*6*50	2.5	10	6	50	4
R3*12*6*50	3	12	6	50	4
R3*12*6*75	3	12	6	75	4
R3*12*6*100	3	12	6	100	4
R3*12*6*150	3	12	6	150	4
R3.5*14*8*60	3.5	14	8	60	4
R4*16*8*60	4	16	8	60	4

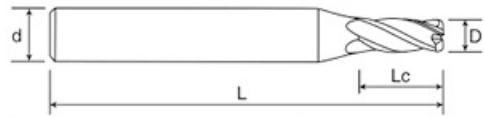
Type	Specification				Flutes
	R	Lc	d	L	
R4*16*8*75	4	16	8	75	4
R4*16*8*100	4	16	8	100	4
R4*16*8*150	4	16	8	150	4
R4.5*18*10*75	4.5	18	10	75	4
R5*20*10*75	5	20	10	75	4
R5*20*10*100	5	20	10	100	4
R5*20*10*150	5	20	10	150	4
R5.5*22*12*75	5.5	22	12	75	4
R6*24*12*75	6	24	12	75	4
R6*24*12*100	6	24	12	100	4
R6*24*12*150	6	24	12	150	4
R6.5*26*14*100	6.5	26	14	100	4
R7*28*14*80	7	28	14	80	4
R7*28*14*100	7	28	14	100	4
R7*28*14*150	7	28	14	150	4
R8*32*16*100	8	32	16	100	4
R8*32*16*150	8	32	16	150	4
R9*36*18*100	9	36	18	100	4
R9*36*18*150	9	36	18	150	4
R10*40*20*100	10	40	20	100	4
R10*40*20*150	10	40	20	150	4

► Table of applicable processed materials and cutting parameters.

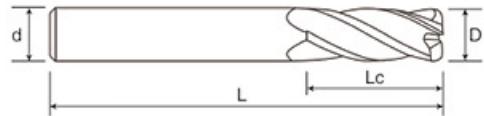
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 0.2D$	$\leq 0.2D$	120m/min	0.004D mm/z
M Stainless steel	$\leq 0.2D$	$\leq 0.2D$	80m/min	0.004D mm/z
K Cast Iron	$\leq 0.2D$	$\leq 0.2D$	120m/min	0.004D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC65 Carbide 4 Flutes Standard Length Comer Radius End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	4
3*12*3*75	3	12	3	75	4
3*15*3*100	3	15	3	100	4
1*3*4*50	1	3	4	50	4
1.5*4*4*50	1.5	4	4	50	4
2*5*4*50	2	5	4	50	4
3*8*4*75	3	8	4	75	4
4*10*4*50	4	10	4	50	4
4*16*4*75	4	16	4	75	4
4*20*4*100	4	20	4	100	4
5*13*5*50	5	13	5	50	4
5*20*5*75	5	20	5	75	4
5*25*5*100	5	25	5	100	4
6*15*6*50	6	15	6	50	4

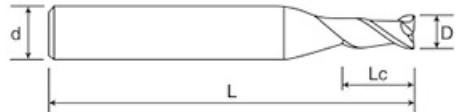
Type	Specification				Flutes
	D	Lc	d	L	
5*13*6*50	5	13	6	50	4
6*25*6*75	6	25	6	75	4
6*30*6*100	6	30	6	100	4
6*40*6*150	6	40	6	150	4
8*20*8*60	8	20	8	60	4
8*28*8*75	8	28	8	75	4
8*35*8*100	8	35	8	100	4
8*50*8*150	8	50	8	150	4
10*25*10*75	10	25	10	75	4
10*40*10*100	10	40	10	100	4
10*50*10*150	10	50	10	150	4
12*30*12*75	12	30	12	75	4
12*45*12*100	12	45	12	100	4
12*60*12*150	12	60	12	150	4

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.1D$	120m/min	0.006D mm/z
M Stainless steel	$\leq 1.5D$	$\leq 0.1D$	100m/min	0.006D mm/z
K Cast Iron	$\leq 1.5D$	$\leq 0.1D$	120m/min	0.0055D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC65 Carbide 2 Flutes Micro End Mill



Type	Specification				Flutes
	D	Lc	d	L	
0.2*0.4*4*50	0.2	0.4	4	50	2
0.3*0.6*4*50	0.3	0.6	4	50	2
0.4*0.6*4*50	0.4	0.8	4	50	2
0.5*1*4*50	0.5	1	4	50	2

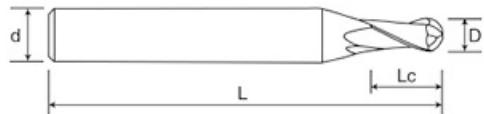
Type	Specification				Flutes
	D	Lc	d	L	
0.6*1.2*4*50	0.6	1.2	4	50	2
0.7*1.4*4*50	0.7	1.4	4	50	2
0.8*1.6*4*50	0.8	1.6	4	50	2
0.9*1.8*4*50	0.9	1.8	4	50	2

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.15D$	11–28m/min	0.008D mm/z
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$	150m/min	0.0065D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC65 Carbide 2 Flutes Micro Ball Nose End Mill



Type	Specification				Flutes
	R	Lc	d	L	
R0.1*0.4*4*50	0.1	0.4	4	50	2
R0.15*0.6*4*50	0.15	0.6	4	50	2
R0.2*0.8*4*50	0.2	0.8	4	50	2
R0.25*1*4*50	0.25	1	4	50	2

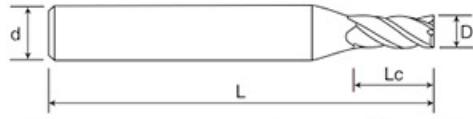
Type	Specification				Flutes
	R	Lc	d	L	
R0.3*1.2*4*50	0.3	1.2	4	50	2
R0.35*1.4*4*50	0.35	1.4	4	50	2
R0.4*1.6*4*50	0.4	1.6	4	50	2
R0.45*1.8*4*50	0.45	1.8	4	50	2

▶ Table of applicable processed materials and cutting parameters.

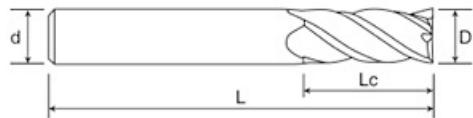
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.15D$	170m/min	0.008D mm/z
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$	150m/min	0.0065D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC60 Carbide 4 Flutes Standard Length End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	4
3*12*3*75	3	12	3	75	4
3*15*3*100	3	15	3	100	4
1*3*4*50	1	3	4	50	4
1.5*4*4*50	1.5	4	4	50	4
2*5*4*50	2	5	4	50	4
2.5*7*4*50	2.5	7	4	50	4
3*8*4*50	3	8	4	50	4
3.5*10*4*50	3.5	10	4	50	4
4*10*4*50	4	10	4	50	4
4*16*4*75	4	16	4	75	4
4*20*4*100	4	20	4	100	4
5*13*5*50	5	13	5	50	4
5*20*5*75	5	20	5	75	4
5*25*5*100	5	25	5	100	4
1*3*6*50	1	3	6	50	4
1.5*4*6*50	1.5	4	6	50	4
2*5*6*50	2	5	6	50	4
2.5*7*6*50	2.5	7	6	50	4
3*8*6*50	3	8	6	50	4
3.5*10*6*50	3.5	10	6	50	4
4*10*6*50	4	10	6	50	4
4.5*12*6*50	4.5	12	6	50	4
5*13*6*50	5	13	6	50	4
6*15*6*50	6	15	6	50	4

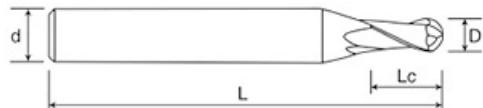
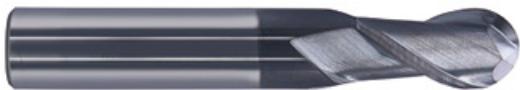
Type	Specification				Flutes
	D	Lc	d	L	
6*25*6*75	6	25	6	75	4
6*30*6*100	6	30	6	100	4
6*40*6*150	6	40	6	150	4
7*18*8*60	7	18	8	60	4
8*20*8*60	8	20	8	60	4
8*28*8*75	8	28	8	75	4
8*35*8*100	8	35	8	100	4
8*50*8*150	8	50	8	150	4
9*23*10*75	9	23	10	75	4
10*25*10*75	10	25	10	75	4
10*40*10*100	10	40	10	100	4
10*50*10*150	10	50	10	150	4
11*28*12*75	11	28	12	75	4
12*30*12*75	12	30	12	75	4
12*45*12*100	12	45	12	100	4
12*60*12*150	12	60	12	150	4
14*45*14*100	14	45	14	100	4
14*60*14*150	14	60	14	150	4
16*45*16*100	16	45	16	100	4
16*60*16*150	16	60	16	150	4
18*45*18*100	18	45	18	100	4
18*70*18*150	18	70	18	150	4
20*45*20*100	20	45	20	100	4
20*70*20*150	20	70	20	150	4

► Table of applicable processed materials and cutting parameters.

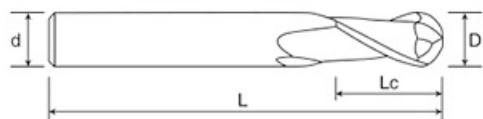
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.1D$	120m/min	0.006D mm/z
M Stainless steel	$\leq 1.5D$	$\leq 0.1D$	100m/min	0.006D mm/z
K Cast Iron	$\leq 1.5D$	$\leq 0.1D$	120m/min	0.0055D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC60 Carbide 2 Flutes Standard Length Ball Nose End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	R	Lc	d	L	
R1.5*6*3*50	1.5	6	3	50	2
R1.5*6*3*75	1.5	6	3	75	2
R1.5*6*3*100	1.5	6	3	100	2
R0.5*2*4*50	0.5	2	4	50	2
R0.75*3*4*50	0.75	3	4	50	2
R1*4*4*50	1	4	4	50	2
R1.25*5*4*50	1.25	5	4	50	2
R1.5*6*4*50	1.5	6	4	50	2
R1.75*7*4*50	1.75	7	4	50	2
R2*8*4*50	2	8	4	50	2
R2*8*4*75	2	8	4	75	2
R2*8*4*100	2	8	4	100	2
R2.5*10*5*50	2.5	10	5	50	2
R2.5*10*5*75	2.5	10	5	75	2
R2.5*10*5*100	2.5	10	5	100	2
R0.5*2*6*50	0.5	2	6	50	2
R0.75*3*6*50	0.75	3	6	50	2
R1*4*6*50	1	4	6	50	2
R1.25*5*6*50	1.25	5	6	50	2
R1.5*6*6*50	1.5	6	6	50	2
R1.75*7*6*50	1.75	7	6	50	2
R2*8*6*50	2	8	6	50	2
R2.5*10*6*50	2.5	10	6	50	2
R3*12*6*50	3	12	6	50	2
R3*12*6*75	3	12	6	75	2

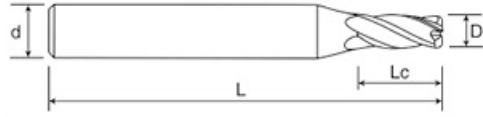
Type	Specification				Flutes
	R	Lc	d	L	
R3*12*6*100	3	12	6	100	2
R3*12*5*150	3	12	6	150	2
R3.5*14*8*60	3.5	14	8	60	2
R4*16*8*60	4	16	8	60	2
R4*16*8*75	8	16	8	75	2
R4*16*8*100	4	16	8	100	2
R4*16*8*150	4	16	8	150	2
R4.5*18*10*75	4.5	18	10	75	2
R5*20*10*75	5	20	10	75	2
R5*20*10*100	5	20	10	100	2
R5*20*10*150	5	20	10	150	2
R5.5*22*12*75	5.5	22	12	75	2
R6*24*12*75	6	24	12	75	2
R6*24*12*100	6	24	12	100	2
R6*24*12*150	6	24	12	150	2
R7*28*14*80	14	28	14	80	2
R7*28*14*100	14	28	14	100	2
R7*28*14*150	14	28	14	150	2
R8*32*16*100	16	32	16	100	2
R8*32*16*150	16	32	16	150	2
R9*36*18*100	18	36	18	100	2
R9*36*18*150	18	36	18	150	2
R10*40*20*100	20	40	20	100	2
R10*40*20*150	20	40	20	150	2

► Table of applicable processed materials and cutting parameters.

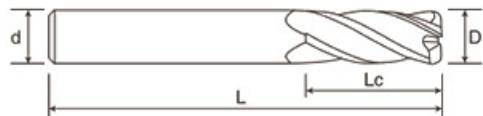
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 0.2D$	$\leq 0.2D$	120m/min	0.004D mm/z
M Stainless steel	$\leq 0.2D$	$\leq 0.2D$	80m/min	0.004D mm/z
K Cast Iron	$\leq 0.2D$	$\leq 0.2D$	120m/min	0.004D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC60 Carbide 4 Flutes Standard Length Corner Radius End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	4
3*12*3*75	3	12	3	75	4
3*15*3*100	3	15	3	100	4
1*3*4*50	1	3	4	50	4
1.5*4*4*50	1.5	4	4	50	4
2*5*4*50	2	5	4	50	4
3*8*4*75	3	8	4	75	4
4*10*4*50	4	10	4	50	4
4*16*4*75	4	16	4	75	4
4*20*4*100	4	20	4	100	4
5*13*5*50	5	13	5	50	4
5*20*5*75	5	20	5	75	4
5*25*5*100	5	25	5	100	4
6*15*6*50	6	15	6	50	4

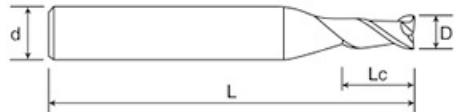
Type	Specification				Flutes
	D	Lc	d	L	
5*13*6*50	5	13	6	50	4
6*25*6*75	6	25	6	75	4
6*30*6*100	6	30	6	100	4
6*40*6*150	6	40	6	150	4
8*20*8*60	8	20	8	60	4
8*28*8*75	8	28	8	75	4
8*35*8*100	8	35	8	100	4
8*50*8*150	8	50	8	150	4
10*25*10*75	10	25	10	75	4
10*40*10*100	10	40	10	100	4
10*50*10*150	10	50	10	150	4
12*30*12*75	12	30	12	75	4
12*45*12*100	12	45	12	100	4
12*60*12*150	12	60	12	150	4

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.1D$	120m/min	0.006D mm/z
M Stainless steel	$\leq 1.5D$	$\leq 0.1D$	100m/min	0.006D mm/z
K Cast Iron	$\leq 1.5D$	$\leq 0.1D$	120m/min	0.0055D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC60 Carbide 2 Flutes Micro End Mill



Type	Specification				Flutes
	D	Lc	d	L	
0.2*0.4*4*50	0.2	0.4	4	50	2
0.3*0.6*4*50	0.3	0.6	4	50	2
0.4*0.6*4*50	0.4	0.8	4	50	2
0.5*1*4*50	0.5	1	4	50	2

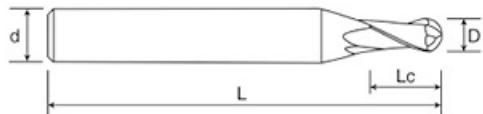
Type	Specification				Flutes
	D	Lc	d	L	
0.6*1.2*4*50	0.6	1.2	4	50	2
0.7*1.4*4*50	0.7	1.4	4	50	2
0.8*1.6*4*50	0.8	1.6	4	50	2
0.9*1.8*4*50	0.9	1.8	4	50	2

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.15D$	170m/min	0.008D mm/z
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$	150m/min	0.0065D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC60 Carbide 2 Flutes Micro Ball Nose End Mill



Type	Specification				Flutes
	R	Lc	d	L	
R0.1*0.4*4*50	0.1	0.4	4	50	2
R0.15*0.6*4*50	0.15	0.6	4	50	2
R0.2*0.8*4*50	0.2	0.8	4	50	2
R0.25*1*4*50	0.25	1	4	50	2

Type	Specification				Flutes
	R	Lc	d	L	
R0.3*1.2*4*50	0.3	1.2	4	50	2
R0.35*1.4*4*50	0.35	1.4	4	50	2
R0.4*1.6*4*50	0.4	1.6	4	50	2
R0.45*1.8*4*50	0.45	1.8	4	50	2

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.15D$	170m/min	0.008D mm/z
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$	150m/min	0.0065D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC58 Carbide 4 Flutes Standard Length End Mill



Picture 1

Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	4
3*12*3*75	3	12	3	75	4
3*15*3*100	3	15	3	100	4
1*3*4*50	1	3	4	50	4
1.5*4*4*50	1.5	4	4	50	4
2*5*4*50	2	5	4	50	4
2.5*7*4*50	2.5	7	4	50	4
3*8*4*50	3	8	4	50	4
3.5*10*4*50	3.5	10	4	50	4
4*10*4*50	4	10	4	50	4
4*16*4*75	4	16	4	75	4
4*20*4*100	4	20	4	100	4
1*3*4*75	1	3	4	75	4
1.5*4*4*75	1.5	4	4	75	4
2*5*4*75	2	5	4	75	4
2.5*7*4*75	2.5	7	4	75	4
3*8*4*75	3	8	4	75	4
5*13*5*50	5	13	5	50	4
5*20*5*75	5	20	5	75	4
5*25*5*100	5	25	5	100	4
1*3*6*50	1	3	6	50	4
1.5*4*6*50	1.5	4	6	50	4
2*5*6*50	2	5	6	50	4
2.5*7*6*50	2.5	7	6	50	4
3*8*6*50	3	8	6	50	4
3.5*10*6*50	3.5	10	6	50	4
4*10*6*50	4	10	6	50	4
4.5*12*6*50	4.5	12	6	50	4
5*13*6*50	5	13	6	50	4

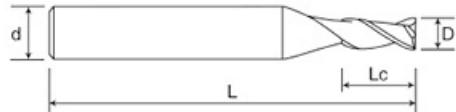
Type	Specification				Flutes
	D	Lc	d	L	
5.5*15*6*50	5.5	15	6	50	4
6*15*6*50	6	15	6	50	4
6*25*6*75	6	25	6	75	4
6*30*6*100	6	30	6	100	4
6*40*6*150	6	40	6	150	4
7*18*8*60	7	18	8	60	4
8*20*8*60	8	20	8	60	4
8*28*8*75	8	28	8	75	4
8*35*8*100	8	35	8	100	4
8*50*8*150	8	50	8	150	4
9*23*10*75	9	23	10	75	4
10*25*10*75	10	25	10	75	4
10*40*10*100	10	40	10	100	4
10*50*10*150	10	50	10	150	4
11*28*12*75	11	28	12	75	4
12*30*12*75	12	30	12	75	4
12*45*12*100	12	45	12	100	4
12*60*12*150	12	60	12	150	4
13*45*14*100	13	45	14	100	4
14*35*14*80	14	35	14	80	4
14*45*14*100	14	45	14	100	4
14*60*14*150	14	60	14	150	4
15*45*16*100	15	45	16	100	4
16*45*16*100	16	45	16	100	4
16*60*16*150	16	60	16	150	4
18*45*18*100	18	45	18	100	4
18*70*18*150	18	70	18	150	4
20*45*20*100	20	45	20	100	4
20*70*20*150	20	70	20	150	4

► Table of applicable processed materials and cutting parameters.

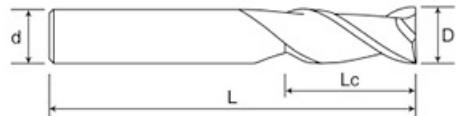
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.15D$	170m/min	0.008D mm/z
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$	150m/min	0.0065D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC58 Carbide 2 Flutes Standard Length End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	2
3*12*3*75	3	12	3	75	2
3*15*3*100	3	15	3	100	2
1*3*4*50	1	3	4	50	2
1.5*4*4*50	1.5	4	4	50	2
2*5*4*50	2	5	4	50	2
2.5*7*4*50	2.5	7	4	50	2
3*8*4*50	3	8	4	50	2
3.5*10*4*50	3.5	10	4	50	2
4*10*4*50	4	10	4	50	2
4*16*4*75	4	16	4	75	2
4*20*4*100	4	20	4	100	2
5*13*5*50	5	13	5	50	2
5*20*5*75	5	20	5	75	2
5*25*5*100	5	25	5	100	2
1*3*6*50	1	3	6	50	2
1.5*4*6*50	1.5	4	6	50	2
2*5*6*50	2	5	6	50	2
2.5*7*6*50	2.5	7	6	50	2
3*8*6*50	3	8	6	50	2
3.5*10*6*50	3.5	10	6	50	2
4*10*6*50	4	10	6	50	2
4.5*12*6*50	4.5	12	6	50	2
5*13*6*50	5	13	6	50	2
5.5*15*6*50	5.5	15	6	50	2
6*15*6*50	6	15	6	50	2
6*25*6*75	6	25	6	75	2

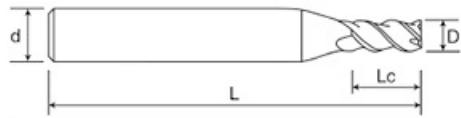
Type	Specification				Flutes
	D	Lc	d	L	
6*30*6*100	6	30	6	100	2
6*40*6*150	6	40	6	150	2
7*18*8*60	7	18	8	60	2
8*20*8*60	8	20	8	60	2
8*28*8*75	8	28	8	75	2
8*35*8*100	8	35	8	100	2
8*50*8*150	8	50	8	150	2
9*23*10*75	9	23	10	75	2
10*25*10*75	10	25	10	75	2
10*40*10*100	10	40	10	100	2
10*50*10*150	10	50	10	150	2
11*28*12*75	11	28	12	75	2
12*30*12*75	12	30	12	75	2
12*45*12*100	12	45	12	100	2
12*60*12*150	12	60	12	150	2
13*45*14*100	13	45	14	100	2
14*35*14*80	14	35	14	80	2
14*45*14*100	14	45	14	100	2
14*60*14*150	14	60	14	150	2
15*45*16*100	15	45	16	100	2
16*45*16*100	16	45	16	100	2
16*60*16*150	16	60	16	150	2
18*45*18*100	18	45	18	100	2
18*70*18*150	18	70	18	150	2
20*45*20*100	20	45	20	100	2
20*70*20*150	20	70	20	150	2

► Table of applicable processed materials and cutting parameters.

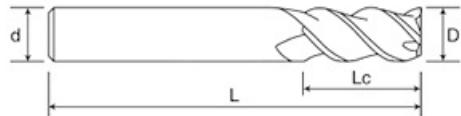
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.15D$	170m/min	0.008D mm/z
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$	150m/min	0.0065D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC58 Carbide 3 Flutes Standard Length End Mill For Aluminum



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*9*3*50	3	9	3	50	3
3*12*3*75	3	12	3	75	3
3*15*3*100	3	15	3	100	3
2*6*4*50	2	6	4	50	3
2.5*8*4*50	2.5	8	4	50	3
3*9*4*50	3	9	4	50	3
3.5*12*4*50	3.5	12	4	50	3
4*12*4*50	4	12	4	50	3
4*20*4*75	4	20	4	75	3
4*25*4*100	4	25	4	100	3
5*15*5*50	5	15	5	50	3
5*20*5*75	5	20	5	75	3
5*25*5*100	5	25	5	100	3
2*6*6*50	2	6	6	50	3
2.5*8*6*50	2.5	8	6	50	3
3*9*6*50	3	9	6	50	3
3.5*12*6*50	3.5	12	6	50	3
4*12*6*50	4	12	6	50	3
4.5*14*6*50	4.5	14	6	50	3
5*15*6*50	5	15	6	50	3
5.5*18*6*50	5.5	18	6	50	3
6*18*6*50	6	18	6	50	3
6*30*6*75	6	30	6	75	3
6*30*6*100	6	30	6	100	3
6*40*6*150	6	40	6	150	3

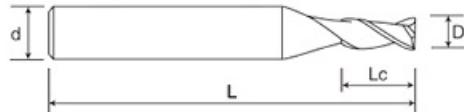
Type	Specification				Flutes
	D	Lc	d	L	
7*21*8*60	7	21	8	60	3
8*24*8*60	8	24	8	60	3
8*35*8*75	8	35	8	75	3
8*40*8*100	8	40	8	100	3
8*50*8*150	8	50	8	150	3
9*27*10*75	9	27	10	75	3
10*30*10*75	10	30	10	75	3
10*40*10*100	10	40	10	100	3
10*50*10*150	10	50	10	150	3
11*33*12*75	11	33	12	75	3
12*36*12*75	12	36	12	75	3
12*45*12*100	12	45	12	100	3
12*60*12*150	12	60	12	150	3
13*45*14*100	13	45	14	100	3
14*35*14*80	14	35	14	80	3
14*45*14*100	14	45	14	100	3
14*65*14*150	14	65	14	150	3
15*45*16*100	15	45	16	100	3
16*45*16*100	16	45	16	100	3
16*65*16*150	16	65	16	150	3
18*45*18*100	18	45	18	100	3
18*70*18*150	18	70	18	150	3
20*45*20*100	20	45	20	100	3
20*70*20*150	20	70	20	150	3

► Table of applicable processed materials and cutting parameters.

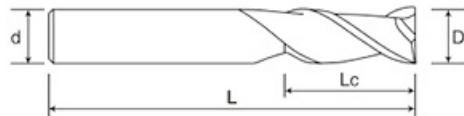
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel	$\leq 1.5D$	$\leq 0.2D$	150(60–350)m/min	0.0075D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC58 Carbide 2 Flutes Standard Length End Mill For Aluminum



Picture 1



Picture 2

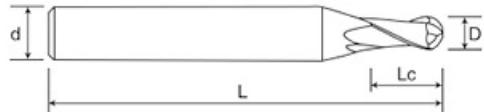
Type	Specification				Flutes
	D	Lc	d	L	
3*9*3*50	3	9	3	50	2
3*12*3*75	3	12	3	75	2
3*15*3*100	3	15	3	100	2
2*6*4*50	2	6	4	50	2
2.5*8*4*50	2.5	8	4	50	2
3*9*4*50	3	9	4	50	2
3.5*12*4*50	3.5	12	4	50	2
4*12*4*50	4	12	4	50	2
4*20*4*75	4	20	4	75	2
4*25*4*100	4	25	4	100	2
5*15*5*50	5	15	5	50	2
5*20*5*75	5	20	5	75	2
5*25*5*100	5	25	5	100	2
2*6*6*50	2	6	6	50	2
2.5*8*6*50	2.5	8	6	50	2
3*9*6*50	3	9	6	50	2
3.5*12*6*50	3.5	12	6	50	2
4*12*6*50	4	12	6	50	2
4.5*14*6*50	4.5	14	6	50	2
5*15*6*50	5	15	6	50	2
5.5*18*6*50	5.5	18	6	50	2
6*18*6*50	6	18	6	50	2
6*30*6*75	6	30	6	75	2
6*30*6*100	6	30	6	100	2

► Table of applicable processed materials and cutting parameters.

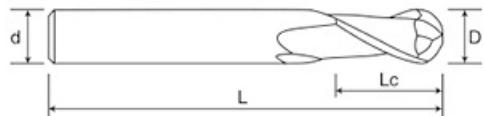
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel	$\leq 1.5D$	$\leq 0.2D$	150(60–350)m/min	0.009D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC58 Carbide 2 Flutes Standard Length Ball Nose End Mill



Picture 1



Picture 2

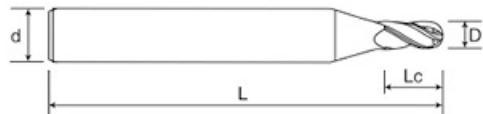
Type	Specification				Flutes
	R	Lc	d	L	
R1.5*6*3*50	1.5	6	3	50	2
R1.5*6*3*75	1.5	6	3	75	2
R1.5*6*3*100	1.5	6	3	100	2
R0.5*2*4*50	0.5	2	4	50	2
R0.75*3*4*50	0.75	3	4	50	2
R1*4*4*50	1	4	4	50	2
R1.25*5*4*50	1.25	5	4	50	2
R1.5*6*4*50	1.5	6	4	50	2
R1.75*7*4*50	1.75	7	4	50	2
R2*8*4*50	2	8	4	50	2
R2*8*4*75	2	8	4	75	2
R2*8*4*100	2	8	4	100	2
R0.5*2*4*75	0.5	2	4	75	2
R0.75*3*4*75	0.75	3	4	75	2
R1*4*4*75	1	4	4	75	2
R1.25*5*4*75	1.25	5	4	75	2
R1.5*6*4*75	1.5	6	4	75	2
R2.5*10*5*50	2.5	10	5	100	2
R2.5*10*5*75	2.5	10	6	50	2
R2.5*10*5*100	2.5	10	5	100	2
R0.5*2*6*50	0.5	2	6	50	2
R0.75*3*6*50	0.75	3	6	50	2
R1*4*6*50	1	4	6	50	2
R1.25*5*6*50	1.25	5	6	50	2
R1.5*6*6*50	1.5	6	6	50	2
R1.75*7*6*50	1.75	7	6	50	2
R2*8*6*50	2	8	6	50	2
R2.5*10*6*50	2.5	10	6	50	2

► Table of applicable processed materials and cutting parameters.

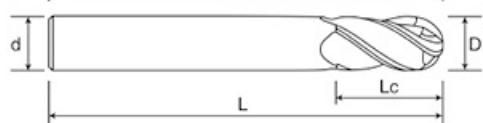
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 0.2D$	$\leq 0.3D$	150m/min	0.009D mm/z
M Stainless steel				
K Cast Iron	$\leq 0.2D$	$\leq 0.2D$	130m/min	0.009D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC58 Carbide 4 Flutes Standard Length Ball Nose End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	R	Lc	d	L	
R1.5*6*3*50	1.5	6	3	50	4
R1.5*6*3*75	1.5	6	3	75	4
R1.5*6*3*100	1.5	6	3	100	4
R0.5*2*4*50	0.5	2	4	50	4
R0.75*3*4*50	0.75	3	4	50	4
R1*4*4*50	1	4	4	50	4
R1.25*5*4*50	1.25	5	4	50	4
R1.5*6*4*50	1.5	6	4	50	4
R1.75*7*4*50	1.75	7	4	50	4
R2*8*4*50	2	8	4	50	4
R2*8*4*75	2	8	4	75	4
R2*8*4*100	2	8	4	100	4
R2.5*10*5*50	2.5	10	5	50	4
R2.5*10*5*75	2.5	10	5	75	4
R2.5*10*5*100	2.5	10	5	100	4
R2.5*10*6*50	2.5	10	6	50	4
R3*12*6*50	3	12	6	50	4
R3*12*6*75	3	12	6	75	4
R3*12*6*100	3	12	6	100	4
R3*12*6*150	3	12	6	150	4
R1.5*6*6*50	1.5	6	6	50	4
R3.5*14*8*60	3.5	14	8	60	4

Type	Specification				Flutes
	R	Lc	d	L	
R4*16*8*60	4	16	8	60	4
R4*16*8*75	4	16	8	75	4
R4*16*8*100	4	16	8	100	4
R4*16*8*150	4	16	8	150	4
R4.5*18*10*75	4.5	18	10	75	4
R5*20*10*75	5	20	10	75	4
R5*20*10*100	5	20	10	100	4
R5*20*10*150	5	20	10	150	4
R5.5*22*12*75	5.5	22	12	75	4
R6*24*12*75	6	24	12	75	4
R6*24*12*100	6	24	12	100	4
R6*24*12*150	6	24	12	150	4
R6.5*26*14*100	6.5	26	14	100	4
R7*28*14*80	7	28	14	80	4
R7*28*14*100	7	28	14	100	4
R7*28*14*150	7	28	14	150	4
R8*32*16*100	8	32	16	100	4
R8*32*16*150	8	32	16	150	4
R9*36*18*100	9	36	18	100	4
R9*36*18*150	9	36	18	150	4
R10*40*20*100	10	40	20	100	4
R10*40*20*150	10	40	20	150	4

► Table of applicable processed materials and cutting parameters.

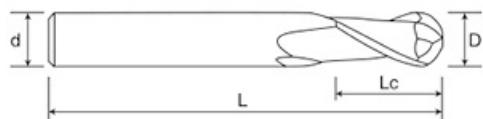
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 0.2D$	$\leq 0.3D$	150m/min	0.009D mm/z
M Stainless steel				
K Cast Iron	$\leq 0.2D$	$\leq 0.2D$	130m/min	0.009D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC58 Carbide 2 Flutes Standard Length Ball Nose End Mill For Aluminum



Picture 1



Picture 2

Type	Specification				Flutes
	R	Lc	d	L	
R1.5*6*3*50	1.5	6	3	50	2
R1.5*6*3*75	1.5	6	3	75	2
R1.5*6*3*100	1.5	6	3	100	2
R0.5*2*4*50	0.5	2	4	50	2
R0.75*3*4*50	0.75	3	4	50	2
R1*4*4*50	1	4	4	50	2
R1.25*5*4*50	1.25	5	4	50	2
R1.5*6*4*50	1.5	6	4	50	2
R1.75*7*4*50	1.75	7	4	50	2
R2*8*4*50	2	8	4	50	2
R2*8*4*75	2	8	4	75	2
R2*8*4*100	2	8	4	100	2
R2.5*10*5*50	2.5	10	5	50	2
R2.5*10*5*75	2.5	10	5	75	2
R2.5*10*5*100	2.5	10	5	100	2
R2.5*10*6*50	2.5	10	6	50	2
R3*12*6*50	3	12	6	50	2
R3*12*6*75	3	12	6	75	2
R3*12*6*100	3	12	6	100	2
R3*12*6*150	3	12	6	150	2
R3.5*14*8*60	3.5	14	8	60	2
R4*16*8*60	4	16	8	60	2

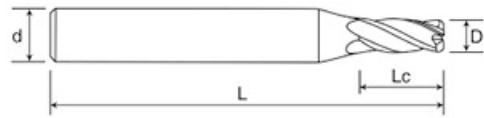
Type	Specification				Flutes
	R	Lc	d	L	
R4*16*8*75	4	16	8	75	2
R4*16*8*100	4	16	8	100	2
R4*16*8*150	4	16	8	150	2
R4.5*18*10*75	4.5	18	10	75	2
R5*20*10*75	5	20	10	75	2
R5*20*10*100	5	20	10	100	2
R5*20*10*150	5	20	10	150	2
R5.5*22*12*75	5.5	22	12	75	2
R6*24*12*75	6	24	12	75	2
R6*24*12*100	6	24	12	100	2
R6*24*12*150	6	24	12	150	2
R6.5*26*14*100	6.5	26	14	100	2
R7*28*14*80	7	28	14	80	2
R7*28*14*100	7	28	14	100	2
R7*28*14*150	7	28	14	150	2
R8*32*16*100	8	32	16	100	2
R8*32*16*150	8	32	16	150	2
R9*36*18*100	9	36	18	100	2
R9*36*18*150	9	36	18	150	2
R10*40*20*100	10	40	20	100	2
R10*40*20*150	10	40	20	150	2

► Table of applicable processed materials and cutting parameters.

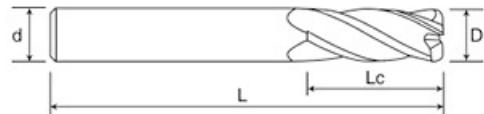
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel	$\leq 0.3D$	$\leq 0.3D$	150(60–350)m/min	0.02D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC58 Carbide 4 Flutes Standard Length Coner Radius End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	4
3*12*3*75	3	12	3	75	4
3*15*3*100	3	15	3	100	4
1*3*4*50	1	3	4	50	4
1.5*4*4*50	1.5	4	4	50	4
2*5*4*50	2	5	4	50	4
3*8*4*75	3	8	4	75	4
4*10*4*50	4	10	4	50	4
4*16*4*75	4	16	4	75	4
4*20*4*100	4	20	4	100	4
5*13*5*50	5	13	5	50	4
5*20*5*75	5	20	5	75	4
5*25*5*100	5	25	5	100	4
6*15*6*50	6	15	6	50	4

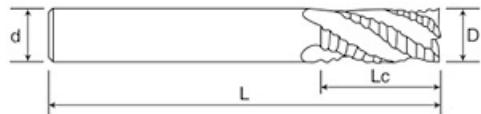
Type	Specification				Flutes
	D	Lc	d	L	
5*13*6*50	5	13	6	50	4
6*25*6*75	6	25	6	75	4
6*30*6*100	6	30	6	100	4
6*40*6*150	6	40	6	150	4
8*20*8*60	8	20	8	60	4
8*28*8*75	8	28	8	75	4
8*35*8*100	8	35	8	100	4
8*50*8*150	8	50	8	150	4
10*25*10*75	10	25	10	75	4
10*40*10*100	10	40	10	100	4
10*50*10*150	10	50	10	150	4
12*30*12*75	12	30	12	75	4
12*45*12*100	12	45	12	100	4
12*60*12*150	12	60	12	150	4

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.15D$	180m/min	0.0085D mm/z
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$	150m/min	0.007D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC58 Carbide 4 Flutes Roughing End Mill



Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	4
3*12*3*75	3	12	3	75	4
3*15*3*100	3	15	3	100	4
4*10*4*50	4	10	4	50	4
4*16*4*75	4	16	4	75	4
4*20*4*100	4	20	4	100	4
5*13*5*50	5	13	5	50	4
5*20*5*75	5	20	5	75	4
5*25*5*100	5	25	5	100	4
5*13*6*50	5	13	6	50	4
6*15*6*50	6	15	6	50	4
6*25*6*75	6	25	6	75	4
6*30*6*100	6	30	6	100	4
8*20*8*60	8	20	8	60	4

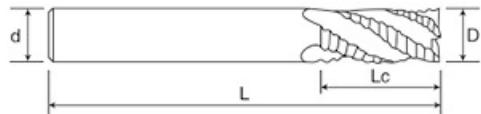
Type	Specification				Flutes
	D	Lc	d	L	
8*28*8*75	8	28	8	75	4
8*35*8*100	8	35	8	100	4
10*25*10*75	10	25	10	75	4
10*40*10*100	10	40	10	100	4
12*30*12*75	12	30	12	75	4
12*45*12*100	12	45	12	100	4
14*45*14*100	14	45	14	100	4
14*60*14*150	14	60	14	150	4
16*45*16*100	16	45	16	100	4
16*60*16*150	16	60	16	150	4
18*45*18*100	18	45	18	100	4
18*70*18*150	18	70	18	150	4
20*45*20*100	20	45	20	100	4
20*70*20*150	20	70	20	150	4

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.3D$	130m/min	0.006D mm/z
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.3D$	130m/min	0.006D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC58 Carbide 3 Flutes Roughing End Mill For Aluminum



Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	3
3*12*3*75	3	12	3	75	3
3*15*3*100	3	15	3	100	3
4*10*4*50	4	10	4	50	3
4*16*4*75	4	16	4	75	3
4*20*4*100	4	20	4	100	3
5*13*5*50	5	13	5	50	3
5*20*5*75	5	20	5	75	3
5*25*5*100	5	25	5	100	3
5*13*6*50	5	13	6	50	3
6*15*6*50	6	15	6	50	3
6*25*6*75	6	25	6	75	3
6*30*6*100	6	30	6	100	3
8*24*8*60	8	20	8	60	3

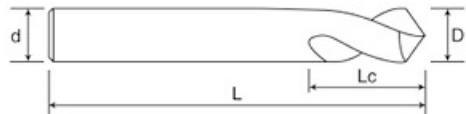
Type	Specification				Flutes
	D	Lc	d	L	
8*28*8*75	8	28	8	75	3
8*35*8*100	8	35	8	100	3
10*30*10*75	10	30	10	75	3
10*40*10*100	10	40	10	100	3
12*36*12*75	12	36	12	75	3
12*45*12*100	12	45	12	100	3
14*45*14*100	14	45	14	100	3
14*60*14*150	14	60	14	150	3
16*45*16*100	16	45	16	100	3
16*60*16*150	16	60	16	150	3
18*45*18*100	18	45	18	100	3
18*70*18*150	18	70	18	150	3
20*45*20*100	20	45	20	100	3
20*70*20*150	20	70	20	150	3

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel	$\leq 1.5D$	$\leq 0.3D$	130m/min	0.008D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC58 Carbide Rigid Fixed Point Drill



Type	Specification				Angle
	D	Lc	d	L	
3*6*3*50	3	6	3	50	90°
3*6*3*75	3	6	3	75	90°
3*6*3*100	3	6	3	100	90°
2*4*4*50	2	4	4	50	90°
3*6*4*50	3	6	4	50	90°
4*8*4*50	4	8	4	50	90°
4*8*4*75	4	8	4	75	90°
4*8*4*100	4	8	4	100	90°
5*10*5*50	5	10	5	50	90°
5*10*5*75	5	10	5	75	90°
5*10*5*100	5	10	5	100	90°
6*12*6*50	6	12	6	50	90°
6*12*6*75	6	12	6	75	90°
6*12*6*100	6	12	6	100	90°
8*16*8*60	8	16	8	60	90°

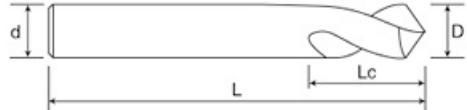
Type	Specification				Angle
	D	Lc	d	L	
8*16*8*75	8	16	8	75	90°
8*16*8*100	8	16	8	100	90°
10*20*10*75	10	20	10	75	90°
10*20*10*100	10	20	10	100	90°
12*24*12*75	12	24	12	75	90°
12*24*12*100	12	24	12	100	90°
14*28*14*100	14	28	14	100	90°
14*28*14*150	14	28	14	150	90°
16*32*16*100	16	32	16	100	90°
16*32*16*150	16	32	16	150	90°
18*36*18*100	18	36	18	100	90°
18*36*18*150	18	36	18	150	90°
20*40*20*100	20	40	20	100	90°
20*40*20*150	20	40	20	150	90°

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel			120m/min	0.05D mm/z
M Stainless steel				
K Cast Iron			90m/min	0.05D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC58 Carbide Fixed Point Drill For Aluminum



Type	Specification				Angle
	D	Lc	d	L	
3*6*3*50	3	6	3	50	90°
3*6*3*75	3	6	3	75	90°
3*6*3*100	3	6	3	100	90°
2*4*4*50	2	4	4	50	90°
3*6*4*50	3	6	4	50	90°
4*8*4*50	4	8	4	50	90°
4*8*4*75	4	8	4	75	90°
4*8*4*100	4	8	4	100	90°
5*10*5*50	5	10	5	50	90°
5*10*5*75	5	10	5	75	90°
5*10*5*100	5	10	5	100	90°
6*12*6*50	6	12	6	50	90°
6*12*6*75	6	12	6	75	90°
6*12*6*100	6	12	6	100	90°
8*16*8*60	8	16	8	60	90°

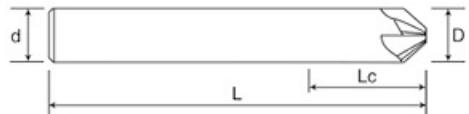
Type	Specification				Angle
	D	Lc	d	L	
8*16*8*75	8	16	8	75	90°
8*16*8*100	8	16	8	100	90°
10*20*10*75	10	20	10	75	90°
10*20*10*100	10	20	10	100	90°
12*24*12*75	12	24	12	75	90°
12*24*12*100	12	24	12	100	90°
14*28*14*100	14	28	14	100	90°
14*28*14*150	14	28	14	150	90°
16*32*16*100	16	32	16	100	90°
16*32*16*150	16	32	16	150	90°
18*36*18*100	18	36	18	100	90°
18*36*18*150	18	36	18	150	90°
20*40*20*100	20	40	20	100	90°
20*40*20*150	20	40	20	150	90°

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel			130m/min	0.05D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC58 Carbide 4 Flutes Chamfer Mill



Type	Specification		Angle
	D	L	
4*50*90°	4	50	90°
6*50*90°	6	50	90°
8*60*90°	6	60	90°

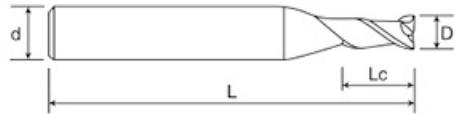
Type	Specification		Angle
	D	L	
10*75*90°	10	75	90°
12*75*90°	12	75	90°

▶ Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel			120m/min	0.025D mm/z
M Stainless steel				
K Cast Iron			90m/min	0.025D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC58 Carbide 2 Flutes Micro End Mill



Type	Specification				Flutes
	D	Lc	d	L	
0.2*0.4*4*50	0.2	0.4	4	50	2
0.3*0.6*4*50	0.3	0.6	4	50	2
0.4*0.8*4*50	0.4	0.8	4	50	2
0.5*1*4*50	0.5	1	4	50	2

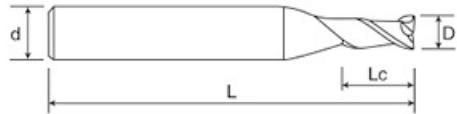
Type	Specification				Flutes
	D	Lc	d	L	
0.6*1.2*4*50	0.6	1.2	4	50	2
0.7*1.4*4*50	0.7	1.4	4	50	2
0.8*1.6*4*50	0.8	1.6	4	50	2
0.9*1.8*4*50	0.9	1.8	4	50	2

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.15D$		
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$		
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC58 Carbide 2 Flutes Micro End Mill For Aluminum



无涂层
UNCOATED



Type	Specification				Flutes
	D	Lc	d	L	
0.2*0.4*4*50	0.2	0.4	4	50	2
0.3*0.6*4*50	0.3	0.6	4	50	2
0.4*0.8*4*50	0.4	0.8	4	50	2
0.5*1*4*50	0.5	1	4	50	2

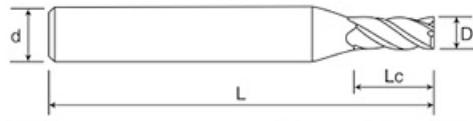
Type	Specification				Flutes
	D	Lc	d	L	
0.6*1.2*4*50	0.6	1.2	4	50	2
0.7*1.4*4*50	0.7	1.4	4	50	2
0.8*1.6*4*50	0.8	1.6	4	50	2
0.9*1.8*4*50	0.9	1.8	4	50	2

▶ Table of applicable processed materials and cutting parameters.

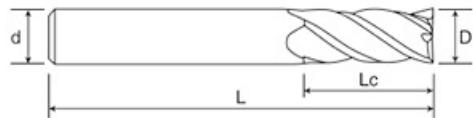
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.15D$		
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$		
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC55 Carbide 4 Flutes Standard Length End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	4
3*12*3*75	3	12	3	75	4
3*15*3*100	3	15	3	100	4
1*3*4*50	1	3	4	50	4
1.5*4*4*50	1.5	4	4	50	4
2*5*4*50	2	5	4	50	4
2.5*7*4*50	2.5	7	4	50	4
3*8*4*50	3	8	4	50	4
3.5*10*4*50	3.5	10	4	50	4
4*10*4*50	4	10	4	50	4
4*16*4*75	4	16	4	75	4
4*20*4*100	4	20	4	100	4
1*3*4*75	1	3	4	75	4
1.5*4*4*75	1.5	4	4	75	4
2*5*4*75	2	5	4	75	4
2.5*7*4*75	2.5	7	4	75	4
3*8*4*75	3	8	4	75	4
5*13*5*50	5	13	5	50	4
5*20*5*75	5	20	5	75	4
5*25*5*100	5	25	5	100	4
1*3*6*50	1	3	6	50	4
1.5*4*6*50	1.5	4	6	50	4
2*5*6*50	2	5	6	50	4
2.5*7*6*50	2.5	7	6	50	4
3*8*6*50	3	8	6	50	4
3.5*10*6*50	3.5	10	6	50	4
4*10*6*50	4	10	6	50	4
4.5*12*6*50	4.5	12	6	50	4
5*13*6*50	5	13	6	50	4

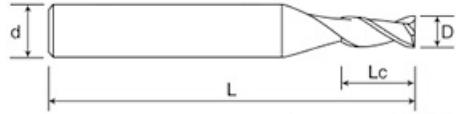
Type	Specification				Flutes
	D	Lc	d	L	
5.5*15*6*50	5.5	15	6	50	4
6*15*6*50	6	15	6	50	4
6*25*6*75	6	25	6	75	4
6*30*6*100	6	30	6	100	4
6*40*6*150	6	40	6	150	4
7*18*8*60	7	18	8	60	4
8*20*8*60	8	20	8	60	4
8*28*8*75	8	28	8	75	4
8*35*8*100	8	35	8	100	4
8*50*8*150	8	50	8	150	4
9*23*10*75	9	23	10	75	4
10*25*10*75	10	25	10	75	4
10*40*10*100	10	40	10	100	4
10*50*10*150	10	50	10	150	4
11*28*12*75	11	28	12	75	4
12*30*12*75	12	30	12	75	4
12*45*12*100	12	45	12	100	4
12*60*12*150	12	60	12	150	4
13*45*14*100	13	45	14	100	4
14*35*14*80	14	35	14	80	4
14*45*14*100	14	45	14	100	4
14*60*14*150	14	60	14	150	4
15*45*16*100	15	45	16	100	4
16*45*16*100	16	45	16	100	4
16*60*16*150	16	60	16	150	4
18*45*18*100	18	45	18	100	4
18*70*18*150	18	70	18	150	4
20*45*20*100	20	45	20	100	4
20*70*20*150	20	70	20	150	4

► Table of applicable processed materials and cutting parameters.

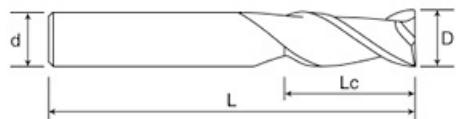
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.15D$	170m/min	0.008D mm/z
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$	150m/min	0.0065D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC55 Carbide 2 Flutes Standard Length End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	2
3*12*3*75	3	12	3	75	2
3*15*3*100	3	15	3	100	2
1*3*4*50	1	3	4	50	2
1.5*4*4*50	1.5	4	4	50	2
2*5*4*50	2	5	4	50	2
2.5*7*4*50	2.5	7	4	50	2
3*8*4*50	3	8	4	50	2
3.5*10*4*50	3.5	10	4	50	2
4*10*4*50	4	10	4	50	2
4*16*4*75	4	16	4	75	2
4*20*4*100	4	20	4	100	2
5*13*5*50	5	13	5	50	2
5*20*5*75	5	20	5	75	2
5*25*5*100	5	25	5	100	2
1*3*6*50	1	3	6	50	2
1.5*4*6*50	1.5	4	6	50	2
2*5*6*50	2	5	6	50	2
2.5*7*6*50	2.5	7	6	50	2
3*8*6*50	3	8	6	50	2
3.5*10*6*50	3.5	10	6	50	2
4*10*6*50	4	10	6	50	2
4.5*12*6*50	4.5	12	6	50	2
5*13*6*50	5	13	6	50	2
5.5*15*6*50	5.5	15	6	50	2
6*15*6*50	6	15	6	50	2
6*25*6*75	6	25	6	75	2

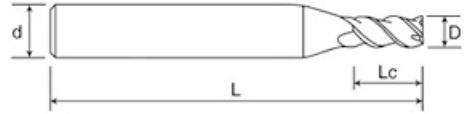
Type	Specification				Flutes
	D	Lc	d	L	
6*30*6*100	6	30	6	100	2
6*40*6*150	6	40	6	150	2
7*18*8*60	7	18	8	60	2
8*20*8*60	8	20	8	60	2
8*28*8*75	8	28	8	75	2
8*35*8*100	8	35	8	100	2
8*50*8*150	8	50	8	150	2
9*23*10*75	9	23	10	75	2
10*25*10*75	10	25	10	75	2
10*40*10*100	10	40	10	100	2
10*50*10*150	10	50	10	150	2
11*28*12*75	11	28	12	75	2
12*30*12*75	12	30	12	75	2
12*45*12*100	12	45	12	100	2
12*60*12*150	12	60	12	150	2
13*45*14*100	13	45	14	100	2
14*35*14*80	14	35	14	80	2
14*45*14*100	14	45	14	100	2
14*60*14*150	14	60	14	150	2
15*45*16*100	15	45	16	100	2
16*45*16*100	16	45	16	100	2
16*60*16*150	16	60	16	150	2
18*45*18*100	18	45	18	100	2
18*70*18*150	18	70	18	150	2
20*45*20*100	20	45	20	100	2
20*70*20*150	20	70	20	150	2

► Table of applicable processed materials and cutting parameters.

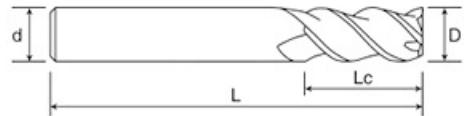
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.15D$	170m/min	0.008D mm/z
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$	150m/min	0.0065D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC55 Carbide 3 Flutes Standard Length End Mill For Aluminum



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*9*3*50	3	9	3	50	3
3*12*3*75	3	12	3	75	3
3*15*3*100	3	15	3	100	3
2*6*4*50	2	6	4	50	3
2.5*8*4*50	2.5	8	4	50	3
3*9*4*50	3	9	4	50	3
3.5*12*4*50	3.5	12	4	50	3
4*12*4*50	4	12	4	50	3
4*20*4*75	4	20	4	75	3
4*25*4*100	4	25	4	100	3
5*15*5*50	5	15	5	50	3
5*20*5*75	5	20	5	75	3
5*25*5*100	5	25	5	100	3
2*6*6*50	2	6	6	50	3
2.5*8*6*50	2.5	8	6	50	3
3*9*6*50	3	9	6	50	3
3.5*12*6*50	3.5	12	6	50	3
4*12*6*50	4	12	6	50	3
4.5*14*6*50	4.5	14	6	50	3
5*15*6*50	5	15	6	50	3
5.5*18*6*50	5.5	18	6	50	3
6*18*6*50	6	18	6	50	3
6*30*6*75	6	30	6	75	3
6*30*6*100	6	30	6	100	3
6*40*6*150	6	40	6	150	3

Type	Specification				Flutes
	D	Lc	d	L	
7*21*8*60	7	21	8	60	3
8*24*8*60	8	24	8	60	3
8*35*8*75	8	35	8	75	3
8*40*8*100	8	40	8	100	3
8*50*8*150	8	50	8	150	3
9*27*10*75	9	27	10	75	3
10*30*10*75	10	30	10	75	3
10*40*10*100	10	40	10	100	3
10*50*10*150	10	50	10	150	3
11*33*12*75	11	33	12	75	3
12*36*12*75	12	36	12	75	3
12*45*12*100	12	45	12	100	3
12*60*12*150	12	60	12	150	3
13*45*14*100	13	45	14	100	3
14*35*14*80	14	35	14	80	3
14*45*14*100	14	45	14	100	3
14*65*14*150	14	65	14	150	3
15*45*16*100	15	45	16	100	3
16*45*16*100	16	45	16	100	3
16*65*16*150	16	65	16	150	3
18*45*18*100	18	45	18	100	3
18*70*18*150	18	70	18	150	3
20*45*20*100	20	45	20	100	3
20*70*20*150	20	70	20	150	3

► Table of applicable processed materials and cutting parameters.

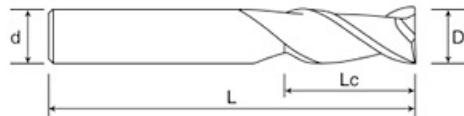
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel	$\leq 1.5D$	$\leq 0.2D$	150(60–350)m/min	0.0075D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC55 Carbide 2 Flutes Standard Length End Mill For Aluminum



Picture 1



Picture 2

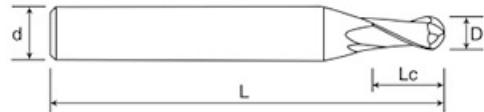
Type	Specification				Flutes
	D	Lc	d	L	
3*9*3*50	3	9	3	50	2
3*12*3*75	3	12	3	75	2
3*15*3*100	3	15	3	100	2
2*6*4*50	2	6	4	50	2
2.5*8*4*50	2.5	8	4	50	2
3*9*4*50	3	9	4	50	2
3.5*12*4*50	3.5	12	4	50	2
4*12*4*50	4	12	4	50	2
4*20*4*75	4	20	4	75	2
4*25*4*100	4	25	4	100	2
5*15*5*50	5	15	5	50	2
5*20*5*75	5	20	5	75	2
5*25*5*100	5	25	5	100	2
2*6*6*50	2	6	6	50	2
2.5*8*6*50	2.5	8	6	50	2
3*9*6*50	3	9	6	50	2
3.5*12*6*50	3.5	12	6	50	2
4*12*6*50	4	12	6	50	2
4.5*14*6*50	4.5	14	6	50	2
5*15*6*50	5	15	6	50	2
5.5*18*6*50	5.5	18	6	50	2
6*18*6*50	6	18	6	50	2
6*30*6*75	6	30	6	75	2
6*30*6*100	6	30	6	100	2

► Table of applicable processed materials and cutting parameters.

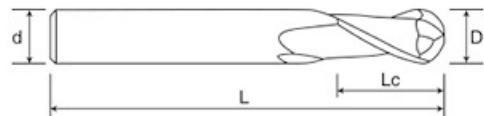
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel	$\leq 1.5D$	$\leq 0.2D$	150(60–350)m/min	0.009D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC55 Carbide 2 Flutes Standard Length Ball Nose End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	R	Lc	d	L	
R1.5*6*3*50	1.5	6	3	50	2
R1.5*6*3*75	1.5	6	3	75	2
R1.5*6*3*100	1.5	6	3	100	2
R0.5*2*4*50	0.5	2	4	50	2
R0.75*3*4*50	0.75	3	4	50	2
R1*4*4*50	1	4	4	50	2
R1.25*5*4*50	1.25	5	4	50	2
R1.5*6*4*50	1.5	6	4	50	2
R1.75*7*4*50	1.75	7	4	50	2
R2*8*4*50	2	8	4	50	2
R2*8*4*75	2	8	4	75	2
R2*8*4*100	2	8	4	100	2
R0.5*2*4*75	0.5	2	4	75	2
R0.75*3*4*75	0.75	3	4	75	2
R1*4*4*75	1	4	4	75	2
R1.25*5*4*75	1.25	5	4	75	2
R1.5*6*4*75	1.5	6	4	75	2
R2.5*10*5*50	2.5	10	5	100	2
R2.5*10*5*75	2.5	10	6	50	2
R2.5*10*5*100	2.5	10	5	100	2
R0.5*2*6*50	0.5	2	6	50	2
R0.75*3*6*50	0.75	3	6	50	2
R1*4*6*50	1	4	6	50	2
R1.25*5*6*50	1.25	5	6	50	2
R1.5*6*6*50	1.5	6	6	50	2
R1.75*7*6*50	1.75	7	6	50	2
R2*8*6*50	2	8	6	50	2
R2.5*10*6*50	2.5	10	6	50	2

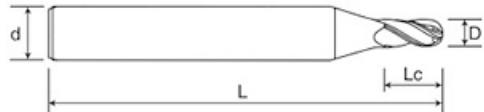
Type	Specification				Flutes
	R	Lc	d	L	
R3*12*6*50	3	12	6	50	2
R3*12*6*75	3	12	6	75	2
R3*12*6*100	3	12	6	100	2
R3*12*6*150	3	12	6	150	2
R3.5*14*8*60	3.5	14	8	60	2
R4*16*8*60	4	16	8	60	2
R4*16*8*75	4	16	8	75	2
R4*16*8*100	4	16	8	100	2
R4*16*8*150	4	16	8	150	2
R4.5*18*10*75	4.5	18	10	75	2
R5*20*10*75	5	20	10	75	2
R5*20*10*100	5	20	10	100	2
R5*20*10*150	5	20	10	150	2
R5.5*22*12*75	5.5	22	12	75	2
R6*24*12*75	6	24	12	75	2
R6*24*12*100	6	24	12	100	2
R6*24*12*150	6	24	12	150	2
R6.5*26*14*100	6.5	26	14	100	2
R7*28*14*80	7	28	14	80	2
R7*28*14*100	7	28	14	100	2
R7*28*14*150	7	28	14	150	2
R8*32*16*100	8	32	16	100	2
R8*32*16*150	8	32	16	150	2
R9*36*18*100	9	36	18	100	2
R9*36*18*150	9	36	18	150	2
R10*40*20*100	10	40	20	100	2
R10*40*20*150	10	40	20	150	2

► Table of applicable processed materials and cutting parameters.

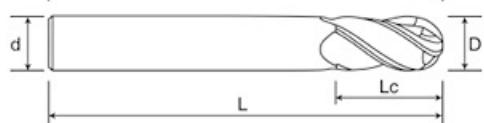
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 0.2D$	$\leq 0.3D$	150m/min	0.009D mm/z
M Stainless steel				
K Cast Iron	$\leq 0.2D$	$\leq 0.2D$	130m/min	0.009D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC55 Carbide 4 Flutes Standard Length Ball Nose End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	R	Lc	d	L	
R1.5*6*3*50	1.5	6	3	50	4
R1.5*6*3*75	1.5	6	3	75	4
R1.5*6*3*100	1.5	6	3	100	4
R0.5*2*4*50	0.5	2	4	50	4
R0.75*3*4*50	0.75	3	4	50	4
R1*4*4*50	1	4	4	50	4
R1.25*5*4*50	1.25	5	4	50	4
R1.5*6*4*50	1.5	6	4	50	4
R1.75*7*4*50	1.75	7	4	50	4
R2*8*4*50	2	8	4	50	4
R2*8*4*75	2	8	4	75	4
R2*8*4*100	2	8	4	100	4
R2.5*10*5*50	2.5	10	5	50	4
R2.5*10*5*75	2.5	10	5	75	4
R2.5*10*5*100	2.5	10	5	100	4
R2.5*10*6*50	2.5	10	6	50	4
R3*12*6*50	3	12	6	50	4
R3*12*6*75	3	12	6	75	4
R3*12*6*100	3	12	6	100	4
R3*12*6*150	3	12	6	150	4
R1.5*6*6*50	1.5	6	6	50	4
R3.5*14*8*60	3.5	14	8	60	4

Type	Specification				Flutes
	R	Lc	d	L	
R4*16*8*60	4	16	8	60	4
R4*16*8*75	4	16	8	75	4
R4*16*8*100	4	16	8	100	4
R4*16*8*150	4	16	8	150	4
R4.5*18*10*75	4.5	18	10	75	4
R5*20*10*75	5	20	10	75	4
R5*20*10*100	5	20	10	100	4
R5*20*10*150	5	20	10	150	4
R5.5*22*12*75	5.5	22	12	75	4
R6*24*12*75	6	24	12	75	4
R6*24*12*100	6	24	12	100	4
R6*24*12*150	6	24	12	150	4
R6.5*26*14*100	6.5	26	14	100	4
R7*28*14*80	7	28	14	80	4
R7*28*14*100	7	28	14	100	4
R7*28*14*150	7	28	14	150	4
R8*32*16*100	8	32	16	100	4
R8*32*16*150	8	32	16	150	4
R9*36*18*100	9	36	18	100	4
R9*36*18*150	9	36	18	150	4
R10*40*20*100	10	40	20	100	4
R10*40*20*150	10	40	20	150	4

► Table of applicable processed materials and cutting parameters.

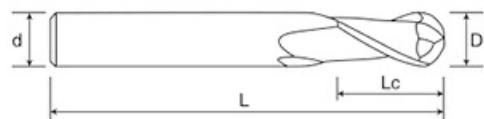
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 0.2D$	$\leq 0.3D$	150m/min	0.009D mm/z
M Stainless steel				
K Cast Iron	$\leq 0.2D$	$\leq 0.2D$	130m/min	0.009D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC55 Carbide 2 Flutes Standard Length Ball Nose End Mill For Aluminum



Picture 1



Picture 2

Type	Specification				Flutes
	R	Lc	d	L	
R1.5*6*3*50	1.5	6	3	50	2
R1.5*6*3*75	1.5	6	3	75	2
R1.5*6*3*100	1.5	6	3	100	2
R0.5*2*4*50	0.5	2	4	50	2
R0.75*3*4*50	0.75	3	4	50	2
R1*4*4*50	1	4	4	50	2
R1.25*5*4*50	1.25	5	4	50	2
R1.5*6*4*50	1.5	6	4	50	2
R1.75*7*4*50	1.75	7	4	50	2
R2*8*4*50	2	8	4	50	2
R2*8*4*75	2	8	4	75	2
R2*8*4*100	2	8	4	100	2
R2.5*10*5*50	2.5	10	5	50	2
R2.5*10*5*75	2.5	10	5	75	2
R2.5*10*5*100	2.5	10	5	100	2
R2.5*10*6*50	2.5	10	6	50	2
R3*12*6*50	3	12	6	50	2
R3*12*6*75	3	12	6	75	2
R3*12*6*100	3	12	6	100	2
R3*12*6*150	3	12	6	150	2
R3.5*14*8*60	3.5	14	8	60	2
R4*16*8*60	4	16	8	60	2

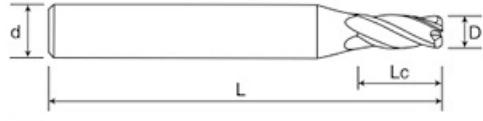
Type	Specification				Flutes
	R	Lc	d	L	
R4*16*8*75	4	16	8	75	2
R4*16*8*100	4	16	8	100	2
R4*16*8*150	4	16	8	150	2
R4.5*18*10*75	4.5	18	10	75	2
R5*20*10*75	5	20	10	75	2
R5*20*10*100	5	20	10	100	2
R5*20*10*150	5	20	10	150	2
R5.5*22*12*75	5.5	22	12	75	2
R6*24*12*75	6	24	12	75	2
R6*24*12*100	6	24	12	100	2
R6*24*12*150	6	24	12	150	2
R6.5*26*14*100	6.5	26	14	100	2
R7*28*14*80	7	28	14	80	2
R7*28*14*100	7	28	14	100	2
R7*28*14*150	7	28	14	150	2
R8*32*16*100	8	32	16	100	2
R8*32*16*150	8	32	16	150	2
R9*36*18*100	9	36	18	100	2
R9*36*18*150	9	36	18	150	2
R10*40*20*100	10	40	20	100	2
R10*40*20*150	10	40	20	150	2

► Table of applicable processed materials and cutting parameters.

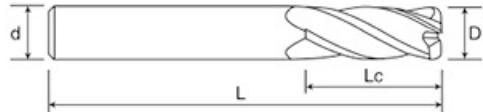
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel	$\leq 0.3D$	$\leq 0.3D$	150(60–350)m/min	0.02D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC55 Carbide 4 Flutes Standard Length Corner Radius End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	4
3*12*3*75	3	12	3	75	4
3*15*3*100	3	15	3	100	4
1*3*4*50	1	3	4	50	4
1.5*4*4*50	1.5	4	4	50	4
2*5*4*50	2	5	4	50	4
3*8*4*75	3	8	4	75	4
4*10*4*50	4	10	4	50	4
4*16*4*75	4	16	4	75	4
4*20*4*100	4	20	4	100	4
5*13*5*50	5	13	5	50	4
5*20*5*75	5	20	5	75	4
5*25*5*100	5	25	5	100	4
6*15*6*50	6	15	6	50	4

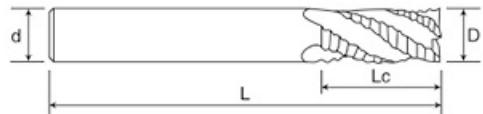
Type	Specification				Flutes
	D	Lc	d	L	
5*13*6*50	5	13	6	50	4
6*25*6*75	6	25	6	75	4
6*30*6*100	6	30	6	100	4
6*40*6*150	6	40	6	150	4
8*20*8*60	8	20	8	60	4
8*28*8*75	8	28	8	75	4
8*35*8*100	8	35	8	100	4
8*50*8*150	8	50	8	150	4
10*25*10*75	10	25	10	75	4
10*40*10*100	10	40	10	100	4
10*50*10*150	10	50	10	150	4
12*30*12*75	12	30	12	75	4
12*45*12*100	12	45	12	100	4
12*60*12*150	12	60	12	150	4

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.15D$	180m/min	0.0085D mm/z
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$	150m/min	0.007D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC55 Carbide 4 Flutes Roughing End Mill



Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	4
3*12*3*75	3	12	3	75	4
3*15*3*100	3	15	3	100	4
4*10*4*50	4	10	4	50	4
4*16*4*75	4	16	4	75	4
4*20*4*100	4	20	4	100	4
5*13*5*50	5	13	5	50	4
5*20*5*75	5	20	5	75	4
5*25*5*100	5	25	5	100	4
5*13*6*50	5	13	6	50	4
6*15*6*50	6	15	6	50	4
6*25*6*75	6	25	6	75	4
6*30*6*100	6	30	6	100	4
8*20*8*60	8	20	8	60	4

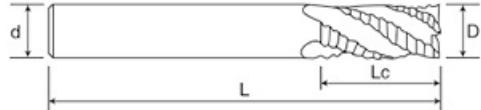
Type	Specification				Flutes
	D	Lc	d	L	
8*28*8*75	8	28	8	75	4
8*35*8*100	8	35	8	100	4
10*25*10*75	10	25	10	75	4
10*40*10*100	10	40	10	100	4
12*30*12*75	12	30	12	75	4
12*45*12*100	12	45	12	100	4
14*45*14*100	14	45	14	100	4
14*60*14*150	14	60	14	150	4
16*45*16*100	16	45	16	100	4
16*60*16*150	16	60	16	150	4
18*45*18*100	18	45	18	100	4
18*70*18*150	18	70	18	150	4
20*45*20*100	20	45	20	100	4
20*70*20*150	20	70	20	150	4

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.3D$	130m/min	0.006D mm/z
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.3D$	130m/min	0.006D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC55 Carbide 3 Flutes Roughing End Mill For Aluminum



Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	3
3*12*3*75	3	12	3	75	3
3*15*3*100	3	15	3	100	3
4*10*4*50	4	10	4	50	3
4*16*4*75	4	16	4	75	3
4*20*4*100	4	20	4	100	3
5*13*5*50	5	13	5	50	3
5*20*5*75	5	20	5	75	3
5*25*5*100	5	25	5	100	3
5*13*6*50	5	13	6	50	3
6*15*6*50	6	15	6	50	3
6*25*6*75	6	25	6	75	3
6*30*6*100	6	30	6	100	3
8*24*8*60	8	20	8	60	3

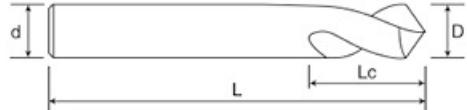
Type	Specification				Flutes
	D	Lc	d	L	
8*28*8*75	8	28	8	75	3
8*35*8*100	8	35	8	100	3
10*30*10*75	10	30	10	75	3
10*40*10*100	10	40	10	100	3
12*36*12*75	12	36	12	75	3
12*45*12*100	12	45	12	100	3
14*45*14*100	14	45	14	100	3
14*60*14*150	14	60	14	150	3
16*45*16*100	16	45	16	100	3
16*60*16*150	16	60	16	150	3
18*45*18*100	18	45	18	100	3
18*70*18*150	18	70	18	150	3
20*45*20*100	20	45	20	100	3
20*70*20*150	20	70	20	150	3

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel	$\leq 1.5D$	$\leq 0.3D$	130m/min	0.008D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC55 Carbide Rigid Fixed Point Drill



Type	Specification				Angle
	D	Lc	d	L	
3*6*3*50	3	6	3	50	90°
3*6*3*75	3	6	3	75	90°
3*6*3*100	3	6	3	100	90°
2*4*4*50	2	4	4	50	90°
3*6*4*50	3	6	4	50	90°
4*8*4*50	4	8	4	50	90°
4*8*4*75	4	8	4	75	90°
4*8*4*100	4	8	4	100	90°
5*10*5*50	5	10	5	50	90°
5*10*5*75	5	10	5	75	90°
5*10*5*100	5	10	5	100	90°
6*12*6*50	6	12	6	50	90°
6*12*6*75	6	12	6	75	90°
6*12*6*100	6	12	6	100	90°
8*16*8*60	8	16	8	60	90°

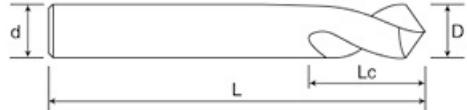
Type	Specification				Angle
	D	Lc	d	L	
8*16*8*75	8	16	8	75	90°
8*16*8*100	8	16	8	100	90°
10*20*10*75	10	20	10	75	90°
10*20*10*100	10	20	10	100	90°
12*24*12*75	12	24	12	75	90°
12*24*12*100	12	24	12	100	90°
14*28*14*100	14	28	14	100	90°
14*28*14*150	14	28	14	150	90°
16*32*16*100	16	32	16	100	90°
16*32*16*150	16	32	16	150	90°
18*36*18*100	18	36	18	100	90°
18*36*18*150	18	36	18	150	90°
20*40*20*100	20	40	20	100	90°
20*40*20*150	20	40	20	150	90°

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel			120m/min	0.05D mm/z
M Stainless steel				
K Cast Iron			90m/min	0.05D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC55 Carbide Fixed Point Drill For Aluminum



Type	Specification				Angle
	D	Lc	d	L	
3*6*3*50	3	6	3	50	90°
3*6*3*75	3	6	3	75	90°
3*6*3*100	3	6	3	100	90°
2*4*4*50	2	4	4	50	90°
3*6*4*50	3	6	4	50	90°
4*8*4*50	4	8	4	50	90°
4*8*4*75	4	8	4	75	90°
4*8*4*100	4	8	4	100	90°
5*10*5*50	5	10	5	50	90°
5*10*5*75	5	10	5	75	90°
5*10*5*100	5	10	5	100	90°
6*12*6*50	6	12	6	50	90°
6*12*6*75	6	12	6	75	90°
6*12*6*100	6	12	6	100	90°
8*16*8*60	8	16	8	60	90°

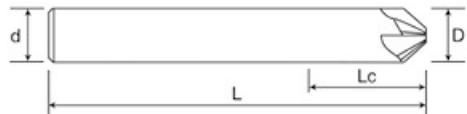
Type	Specification				Angle
	D	Lc	d	L	
8*16*8*75	8	16	8	75	90°
8*16*8*100	8	16	8	100	90°
10*20*10*75	10	20	10	75	90°
10*20*10*100	10	20	10	100	90°
12*24*12*75	12	24	12	75	90°
12*24*12*100	12	24	12	100	90°
14*28*14*100	14	28	14	100	90°
14*28*14*150	14	28	14	150	90°
16*32*16*100	16	32	16	100	90°
16*32*16*150	16	32	16	150	90°
18*36*18*100	18	36	18	100	90°
18*36*18*150	18	36	18	150	90°
20*40*20*100	20	40	20	100	90°
20*40*20*150	20	40	20	150	90°

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel			130m/min	0.05D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC55 Carbide 4 Flutes Chamfer Mill



Type	Specification		Angle
	D	L	
4*50*90°	4	50	90°
6*50*90°	6	50	90°
8*60*90°	6	60	90°

Type	Specification		Angle
	D	L	
10*75*90°	10	75	90°
12*75*90°	12	75	90°

▶ Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel			120m/min	0.025D mm/z
M Stainless steel				
K Cast Iron			90m/min	0.025D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC55 Carbide 2 Flutes Micro End Mill



Type	Specification				Flutes
	D	Lc	d	L	
0.2*0.4*4*50	0.2	0.4	4	50	2
0.3*0.6*4*50	0.3	0.6	4	50	2
0.4*0.8*4*50	0.4	0.8	4	50	2
0.5*1*4*50	0.5	1	4	50	2

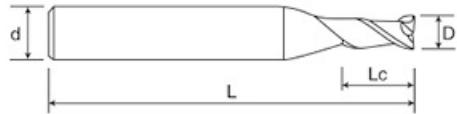
Type	Specification				Flutes
	D	Lc	d	L	
0.6*1.2*4*50	0.6	1.2	4	50	2
0.7*1.4*4*50	0.7	1.4	4	50	2
0.8*1.6*4*50	0.8	1.6	4	50	2
0.9*1.8*4*50	0.9	1.8	4	50	2

▶ Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.15D$		
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$		
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC55 Carbide 2 Flutes Micro End Mill For Aluminum



Type	Specification				Flutes
	D	Lc	d	L	
0.2*0.4*4*50	0.2	0.4	4	50	2
0.3*0.6*4*50	0.3	0.6	4	50	2
0.4*0.8*4*50	0.4	0.8	4	50	2
0.5*1*4*50	0.5	1	4	50	2

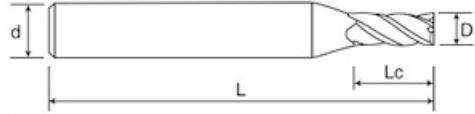
Type	Specification				Flutes
	D	Lc	d	L	
0.6*1.2*4*50	0.6	1.2	4	50	2
0.7*1.4*4*50	0.7	1.4	4	50	2
0.8*1.6*4*50	0.8	1.6	4	50	2
0.9*1.8*4*50	0.9	1.8	4	50	2

▶ Table of applicable processed materials and cutting parameters.

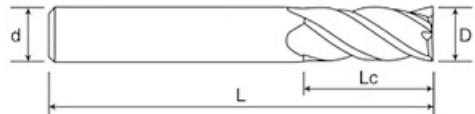
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel	$\leq 1.5D$	$\leq 0.15D$		
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$		
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC50 Carbide 4 Flutes Standard Length End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	4
3*12*3*75	3	12	3	75	4
3*15*3*100	3	15	3	100	4
1*3*4*50	1	3	4	50	4
1.5*4*4*50	1.5	4	4	50	4
2*5*4*50	2	5	4	50	4
2.5*7*4*50	2.5	7	4	50	4
3*8*4*50	3	8	4	50	4
3.5*10*4*50	3.5	10	4	50	4
4*10*4*50	4	10	4	50	4
4*16*4*75	4	16	4	75	4
4*20*4*100	4	20	4	100	4
1*3*4*75	1	3	4	75	4
1.5*4*4*75	1.5	4	4	75	4
2*5*4*75	2	5	4	75	4
2.5*7*4*75	2.5	7	4	75	4
3*8*4*75	3	8	4	75	4
5*13*5*50	5	13	5	50	4
5*20*5*75	5	20	5	75	4
5*25*5*100	5	25	5	100	4
1*3*6*50	1	3	6	50	4
1.5*4*6*50	1.5	4	6	50	4
2*5*6*50	2	5	6	50	4
2.5*7*6*50	2.5	7	6	50	4
3*8*6*50	3	8	6	50	4
3.5*10*6*50	3.5	10	6	50	4
4*10*6*50	4	10	6	50	4
4.5*12*6*50	4.5	12	6	50	4
5*13*6*50	5	13	6	50	4

Type	Specification				Flutes
	D	Lc	d	L	
5.5*15*6*50	5.5	15	6	50	4
6*15*6*50	6	15	6	50	4
6*25*6*75	6	25	6	75	4
6*30*6*100	6	30	6	100	4
6*40*6*150	6	40	6	150	4
7*18*8*60	7	18	8	60	4
8*20*8*60	8	20	8	60	4
8*28*8*75	8	28	8	75	4
8*35*8*100	8	35	8	100	4
8*50*8*150	8	50	8	150	4
9*23*10*75	9	23	10	75	4
10*25*10*75	10	25	10	75	4
10*40*10*100	10	40	10	100	4
10*50*10*150	10	50	10	150	4
11*28*12*75	11	28	12	75	4
12*30*12*75	12	30	12	75	4
12*45*12*100	12	45	12	100	4
12*60*12*150	12	60	12	150	4
13*45*14*100	13	45	14	100	4
14*35*14*80	14	35	14	80	4
14*45*14*100	14	45	14	100	4
14*60*14*150	14	60	14	150	4
15*45*16*100	15	45	16	100	4
16*45*16*100	16	45	16	100	4
16*60*16*150	16	60	16	150	4
18*45*18*100	18	45	18	100	4
18*70*18*150	18	70	18	150	4
20*45*20*100	20	45	20	100	4
20*70*20*150	20	70	20	150	4

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron	$\leq 1D$	$\leq 0.12D$	160m/min	0.0075D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC50 Carbide 2 Flutes Standard Length End Mill



Picture 1

Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	2
3*12*3*75	3	12	3	75	2
3*15*3*100	3	15	3	100	2
1*3*4*50	1	3	4	50	2
1.5*4*4*50	1.5	4	4	50	2
2*5*4*50	2	5	4	50	2
2.5*7*4*50	2.5	7	4	50	2
3*8*4*50	3	8	4	50	2
3.5*10*4*50	3.5	10	4	50	2
4*10*4*50	4	10	4	50	2
4*16*4*75	4	16	4	75	2
4*20*4*100	4	20	4	100	2
5*13*5*50	5	13	5	50	2
5*20*5*75	5	20	5	75	2
5*25*5*100	5	25	5	100	2
1*3*6*50	1	3	6	50	2
1.5*4*6*50	1.5	4	6	50	2
2*5*6*50	2	5	6	50	2
2.5*7*6*50	2.5	7	6	50	2
3*8*6*50	3	8	6	50	2
3.5*10*6*50	3.5	10	6	50	2
4*10*6*50	4	10	6	50	2
4.5*12*6*50	4.5	12	6	50	2
5*13*6*50	5	13	6	50	2
5.5*15*6*50	5.5	15	6	50	2
6*15*6*50	6	15	6	50	2
6*25*6*75	6	25	6	75	2

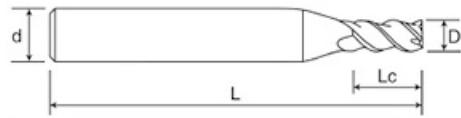
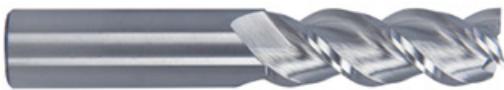
Type	Specification				Flutes
	D	Lc	d	L	
6*30*6*100	6	30	6	100	2
6*40*6*150	6	40	6	150	2
7*18*8*60	7	18	8	60	2
8*20*8*60	8	20	8	60	2
8*28*8*75	8	28	8	75	2
8*35*8*100	8	35	8	100	2
8*50*8*150	8	50	8	150	2
9*23*10*75	9	23	10	75	2
10*25*10*75	10	25	10	75	2
10*40*10*100	10	40	10	100	2
10*50*10*150	10	50	10	150	2
11*28*12*75	11	28	12	75	2
12*30*12*75	12	30	12	75	2
12*45*12*100	12	45	12	100	2
12*60*12*150	12	60	12	150	2
13*45*14*100	13	45	14	100	2
14*35*14*80	14	35	14	80	2
14*45*14*100	14	45	14	100	2
14*60*14*150	14	60	14	150	2
15*45*16*100	15	45	16	100	2
16*45*16*100	16	45	16	100	2
16*60*16*150	16	60	16	150	2
18*45*18*100	18	45	18	100	2
18*70*18*150	18	70	18	150	2
20*45*20*100	20	45	20	100	2
20*70*20*150	20	70	20	150	2

► Table of applicable processed materials and cutting parameters.

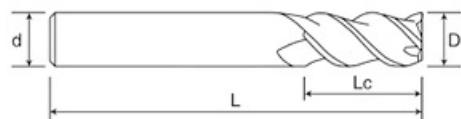
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron	$\leq 1D$	$\leq 0.12D$	160m/min	0.008D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC50 Carbide 3 Flutes Standard Length End Mill For Aluminum



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*9*3*50	3	9	3	50	3
3*12*3*75	3	12	3	75	3
3*15*3*100	3	15	3	100	3
2*6*4*50	2	6	4	50	3
2.5*8*4*50	2.5	8	4	50	3
3*9*4*50	3	9	4	50	3
3.5*12*4*50	3.5	12	4	50	3
4*12*4*50	4	12	4	50	3
4*20*4*75	4	20	4	75	3
4*25*4*100	4	25	4	100	3
5*15*5*50	5	15	5	50	3
5*20*5*75	5	20	5	75	3
5*25*5*100	5	25	5	100	3
2*6*6*50	2	6	6	50	3
2.5*8*6*50	2.5	8	6	50	3
3*9*6*50	3	9	6	50	3
3.5*12*6*50	3.5	12	6	50	3
4*12*6*50	4	12	6	50	3
4.5*14*6*50	4.5	14	6	50	3
5*15*6*50	5	15	6	50	3
5.5*18*6*50	5.5	18	6	50	3
6*18*6*50	6	18	6	50	3
6*30*6*75	6	30	6	75	3
6*30*6*100	6	30	6	100	3

Type	Specification				Flutes
	D	Lc	d	L	
6*40*6*150	6	40	6	150	3
7*21*8*60	7	21	8	60	3
8*24*8*60	8	24	8	60	3
8*35*8*75	8	35	8	75	3
8*40*8*100	8	40	8	100	3
8*50*8*150	8	50	8	150	3
9*27*10*75	9	27	10	75	3
10*30*10*75	10	30	10	75	3
10*40*10*100	10	40	10	100	3
10*50*10*150	10	50	10	150	3
11*33*12*75	11	33	12	75	3
12*36*12*75	12	36	12	75	3
12*45*12*100	12	45	12	100	3
12*60*12*150	12	60	12	150	3
14*35*14*80	14	35	14	80	3
14*45*14*100	14	45	14	100	3
14*65*14*150	14	65	14	150	3
15*45*16*100	15	45	16	100	3
16*45*16*100	16	45	16	100	3
16*65*16*150	16	65	16	150	3
18*45*18*100	18	45	18	100	3
18*70*18*150	18	70	18	150	3
20*45*20*100	20	45	20	100	3
20*70*20*150	20	70	20	150	3

► Table of applicable processed materials and cutting parameters.

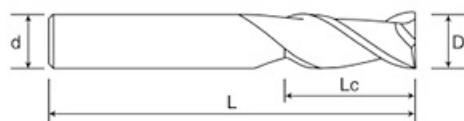
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel	$\leq 1.5D$	$\leq 0.2D$	150(60–350)m/min	0.007D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC50 Carbide 2 Flutes Standard Length End Mill For Aluminum



Picture 1



Picture 2

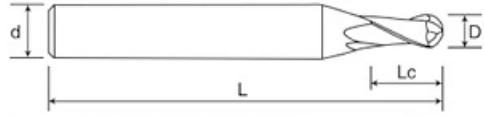
Type	Specification				Flutes
	D	Lc	d	L	
3*9*3*50	3	9	3	50	2
3*12*3*75	3	12	3	75	2
3*15*3*100	3	15	3	100	2
2*6*4*50	2	6	4	50	2
2.5*8*4*50	2.5	8	4	50	2
3*9*4*50	3	9	4	50	2
3.5*12*4*50	3.5	12	4	50	2
4*12*4*50	4	12	4	50	2
4*20*4*75	4	20	4	75	2
4*25*4*100	4	25	4	100	2
5*15*5*50	5	15	5	50	2
5*20*5*75	5	20	5	75	2
5*25*5*100	5	25	5	100	2
2*6*6*50	2	6	6	50	2
2.5*8*6*50	2.5	8	6	50	2
3*9*6*50	3	9	6	50	2
3.5*12*6*50	3.5	12	6	50	2
4*12*6*50	4	12	6	50	2
4.5*14*6*50	4.5	14	6	50	2
5*15*6*50	5	15	6	50	2
5.5*18*6*50	5.5	18	6	50	2
6*18*6*50	6	18	6	50	2
6*30*6*75	6	30	6	75	2
6*30*6*100	6	30	6	100	2

► Table of applicable processed materials and cutting parameters.

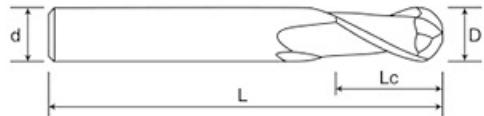
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel	$\leq 2.5D$	$\leq 0.15D$	150(60–350)m/min	0.008D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC50 Carbide 2 Flutes Standard Length Ball Nose End Mill



Picture 1



Picture 2

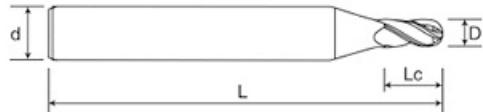
Type	Specification				Flutes
	R	Lc	d	L	
R1.5*6*3*50	1.5	6	3	50	2
R1.5*6*3*75	1.5	6	3	75	2
R1.5*6*3*100	1.5	6	3	100	2
R0.5*2*4*50	0.5	2	4	50	2
R0.75*3*4*50	0.75	3	4	50	2
R1*4*4*50	1	4	4	50	2
R1.25*5*4*50	1.25	5	4	50	2
R1.5*6*4*50	1.5	6	4	50	2
R1.75*7*4*50	1.75	7	4	50	2
R2*8*4*50	2	8	4	50	2
R2*8*4*75	2	8	4	75	2
R2*8*4*100	2	8	4	100	2
R0.5*2*4*75	0.5	2	4	75	2
R0.75*3*4*75	0.75	3	4	75	2
R1*4*4*75	1	4	4	75	2
R1.25*5*4*75	1.25	5	4	75	2
R1.5*6*4*75	1.5	6	4	75	2
R2.5*10*5*50	2.5	10	5	100	2
R2.5*10*5*75	2.5	10	6	50	2
R2.5*10*5*100	2.5	10	5	100	2
R0.5*2*6*50	0.5	2	6	50	2
R0.75*3*6*50	0.75	3	6	50	2
R1*4*6*50	1	4	6	50	2
R1.25*5*6*50	1.25	5	6	50	2
R1.5*6*6*50	1.5	6	6	50	2
R1.75*7*6*50	1.75	7	6	50	2
R2*8*6*50	2	8	6	50	2
R2.5*10*6*50	2.5	10	6	50	2

▶ Table of applicable processed materials and cutting parameters.

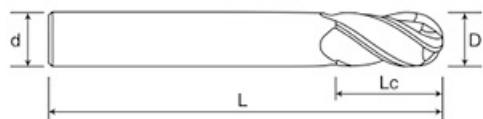
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron	$\leq 0.2D$	$\leq 0.3D$	160m/min	0.009D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC50 Carbide 4 Flutes Standard Length Ball Nose End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	R	Lc	d	L	
R1.5*6*3*50	1.5	6	3	50	4
R1.5*6*3*75	1.5	6	3	75	4
R1.5*6*3*100	1.5	6	3	100	4
R0.5*2*4*50	0.5	2	4	50	4
R0.75*3*4*50	0.75	3	4	50	4
R1*4*4*50	1	4	4	50	4
R1.25*5*4*50	1.25	5	4	50	4
R1.5*6*4*50	1.5	6	4	50	4
R1.75*7*4*50	1.75	7	4	50	4
R2*8*4*50	2	8	4	50	4
R2*8*4*75	2	8	4	75	4
R2*8*4*100	2	8	4	100	4
R2.5*10*5*50	2.5	10	5	50	4
R2.5*10*5*75	2.5	10	5	75	4
R2.5*10*5*100	2.5	10	5	100	4
R2.5*10*6*50	2.5	10	6	50	4
R3*12*6*50	3	12	6	50	4
R3*12*6*75	3	12	6	75	4
R3*12*6*100	3	12	6	100	4
R3*12*6*150	3	12	6	150	4
R1.5*6*6*50	1.5	6	6	50	4
R3.5*14*8*60	3.5	14	8	60	4

Type	Specification				Flutes
	R	Lc	d	L	
R4*16*8*60	4	16	8	60	4
R4*16*8*75	4	16	8	75	4
R4*16*8*100	4	16	8	100	4
R4*16*8*150	4	16	8	150	4
R4.5*18*10*75	4.5	18	10	75	4
R5*20*10*75	5	20	10	75	4
R5*20*10*100	5	20	10	100	4
R5*20*10*150	5	20	10	150	4
R5.5*22*12*75	5.5	22	12	75	4
R6*24*12*75	6	24	12	75	4
R6*24*12*100	6	24	12	100	4
R6*24*12*150	6	24	12	150	4
R6.5*26*14*100	6.5	26	14	100	4
R7*28*14*80	7	28	14	80	4
R7*28*14*100	7	28	14	100	4
R7*28*14*150	7	28	14	150	4
R8*32*16*100	8	32	16	100	4
R8*32*16*150	8	32	16	150	4
R9*36*18*100	9	36	18	100	4
R9*36*18*150	9	36	18	150	4
R10*40*20*100	10	40	20	100	4
R10*40*20*150	10	40	20	150	4

► Table of applicable processed materials and cutting parameters.

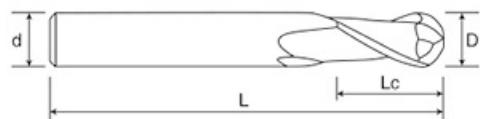
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$	160m/min	0.01D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC50 Carbide 2 Flutes Standard Length Ball Nose End Mill For Aluminum



Picture 1



Picture 2

Type	Specification				Flutes
	R	Lc	d	L	
R1.5*6*3*50	1.5	6	3	50	2
R1.5*6*3*75	1.5	6	3	75	2
R1.5*6*3*100	1.5	6	3	100	2
R0.5*2*4*50	0.5	2	4	50	2
R0.75*3*4*50	0.75	3	4	50	2
R1*4*4*50	1	4	4	50	2
R1.25*5*4*50	1.25	5	4	50	2
R1.5*6*4*50	1.5	6	4	50	2
R1.75*7*4*50	1.75	7	4	50	2
R2*8*4*50	2	8	4	50	2
R2*8*4*75	2	8	4	75	2
R2*8*4*100	2	8	4	100	2
R2.5*10*5*50	2.5	10	5	50	2
R2.5*10*5*75	2.5	10	5	75	2
R2.5*10*5*100	2.5	10	5	100	2
R2.5*10*6*50	2.5	10	6	50	2
R3*12*6*50	3	12	6	50	2
R3*12*6*75	3	12	6	75	2
R3*12*6*100	3	12	6	100	2
R3*12*6*150	3	12	6	150	2
R3.5*14*8*60	3.5	14	8	60	2
R4*16*8*60	4	16	8	60	2

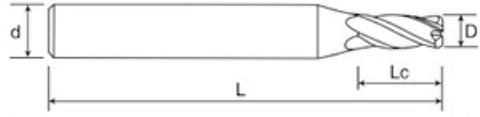
Type	Specification				Flutes
	R	Lc	d	L	
R4*16*8*75	4	16	8	75	2
R4*16*8*100	4	16	8	100	2
R4*16*8*150	4	16	8	150	2
R4.5*18*10*75	4.5	18	10	75	2
R5*20*10*75	5	20	10	75	2
R5*20*10*100	5	20	10	100	2
R5*20*10*150	5	20	10	150	2
R5.5*22*12*75	5.5	22	12	75	2
R6*24*12*75	6	24	12	75	2
R6*24*12*100	6	24	12	100	2
R6*24*12*150	6	24	12	150	2
R6.5*26*14*100	6.5	26	14	100	2
R7*28*14*80	7	28	14	80	2
R7*28*14*100	7	28	14	100	2
R7*28*14*150	7	28	14	150	2
R8*32*16*100	8	32	16	100	2
R8*32*16*150	8	32	16	150	2
R9*36*18*100	9	36	18	100	2
R9*36*18*150	9	36	18	150	2
R10*40*20*100	10	40	20	100	2
R10*40*20*150	10	40	20	150	2

► Table of applicable processed materials and cutting parameters.

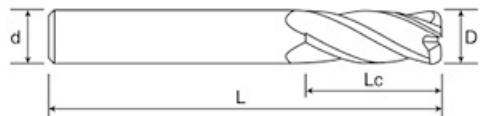
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel	$\leq 1.5D$	$\leq 0.2D$	150(60–350)m/min	0.009D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC50 Carbide 4 Flutes Standard Length Corner Radius End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	4
3*12*3*75	3	12	3	75	4
3*15*3*100	3	15	3	100	4
1*3*4*50	1	3	4	50	4
1.5*4*4*50	1.5	4	4	50	4
2*5*4*50	2	5	4	50	4
3*8*4*75	3	8	4	75	4
4*10*4*50	4	10	4	50	4
4*16*4*75	4	16	4	75	4
4*20*4*100	4	20	4	100	4
5*13*5*50	5	13	5	50	4
5*20*5*75	5	20	5	75	4
5*25*5*100	5	25	5	100	4
6*15*6*50	6	15	6	50	4

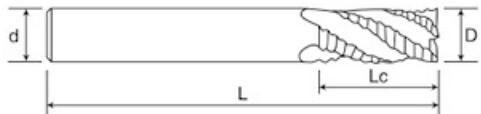
Type	Specification				Flutes
	D	Lc	d	L	
5*13*6*50	5	13	6	50	4
6*25*6*75	6	25	6	75	4
6*30*6*100	6	30	6	100	4
6*40*6*150	6	40	6	150	4
8*20*8*60	8	20	8	60	4
8*28*8*75	8	28	8	75	4
8*35*8*100	8	35	8	100	4
8*50*8*150	8	50	8	150	4
10*25*10*75	10	25	10	75	4
10*40*10*100	10	40	10	100	4
10*50*10*150	10	50	10	150	4
12*30*12*75	12	30	12	75	4
12*45*12*100	12	45	12	100	4
12*60*12*150	12	60	12	150	4

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$	180m/min	0.0085D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC50 Carbide 4 Flutes Roughing End Mill



Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	4
3*12*3*75	3	12	3	75	4
3*15*3*100	3	15	3	100	4
4*10*4*50	4	10	4	50	4
4*16*4*75	4	16	4	75	4
4*20*4*100	4	20	4	100	4
5*13*5*50	5	13	5	50	4
5*20*5*75	5	20	5	75	4
5*25*5*100	5	25	5	100	4
5*13*6*50	5	13	6	50	4
6*15*6*50	6	15	6	50	4
6*25*6*75	6	25	6	75	4
6*30*6*100	6	30	6	100	4
8*20*8*60	8	20	8	60	4

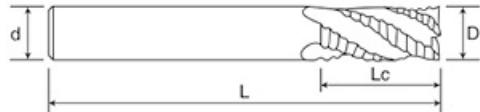
Type	Specification				Flutes
	D	Lc	d	L	
8*28*8*75	8	28	8	75	4
8*35*8*100	8	35	8	100	4
10*25*10*75	10	25	10	75	4
10*40*10*100	10	40	10	100	4
12*30*12*75	12	30	12	75	4
12*45*12*100	12	45	12	100	4
14*45*14*100	14	45	14	100	4
14*60*14*150	14	60	14	150	4
16*45*16*100	16	45	16	100	4
16*60*16*150	16	60	16	150	4
18*45*18*100	18	45	18	100	4
18*70*18*150	18	70	18	150	4
20*45*20*100	20	45	20	100	4
20*70*20*150	20	70	20	150	4

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.3D$	140m/min	0.006D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC50 Carbide 3 Flutes Roughing End Mill For Aluminum



Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	3
3*12*3*75	3	12	3	75	3
3*15*3*100	3	15	3	100	3
4*10*4*50	4	10	4	50	3
4*16*4*75	4	16	4	75	3
4*20*4*100	4	20	4	100	3
5*13*5*50	5	13	5	50	3
5*20*5*75	5	20	5	75	3
5*25*5*100	5	25	5	100	3
5*13*6*50	5	13	6	50	3
6*15*6*50	6	15	6	50	3
6*25*6*75	6	25	6	75	3
6*30*6*100	6	30	6	100	3
8*24*8*60	8	20	8	60	3

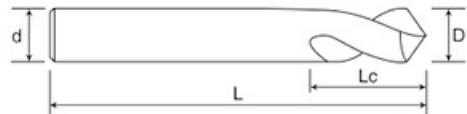
Type	Specification				Flutes
	D	Lc	d	L	
8*28*8*75	8	28	8	75	3
8*35*8*100	8	35	8	100	3
10*30*10*75	10	30	10	75	3
10*40*10*100	10	40	10	100	3
12*36*12*75	12	36	12	75	3
12*45*12*100	12	45	12	100	3
14*45*14*100	14	45	14	100	3
14*60*14*150	14	60	14	150	3
16*45*16*100	16	45	16	100	3
16*60*16*150	16	60	16	150	3
18*45*18*100	18	45	18	100	3
18*70*18*150	18	70	18	150	3
20*45*20*100	20	45	20	100	3
20*70*20*150	20	70	20	150	3

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel	$\leq 2D$	$\leq 0.3D$	130m/min	0.008D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC50 Carbide Rigid Fixed Point Drill



Type	Specification				Angle
	D	Lc	d	L	
3*6*3*50	3	6	3	50	90°
3*6*3*75	3	6	3	75	90°
3*6*3*100	3	6	3	100	90°
2*4*4*50	2	4	4	50	90°
3*6*4*50	3	6	4	50	90°
4*8*4*50	4	8	4	50	90°
4*8*4*75	4	8	4	75	90°
4*8*4*100	4	8	4	100	90°
5*10*5*50	5	10	5	50	90°
5*10*5*75	5	10	5	75	90°
5*10*5*100	5	10	5	100	90°
6*12*6*50	6	12	6	50	90°
6*12*6*75	6	12	6	75	90°
6*12*6*100	6	12	6	100	90°
8*16*8*60	8	16	8	60	90°

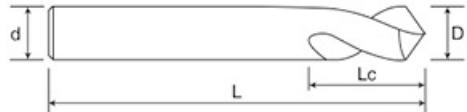
Type	Specification				Angle
	D	Lc	d	L	
8*16*8*75	8	16	8	75	90°
8*16*8*100	8	16	8	100	90°
10*20*10*75	10	20	10	75	90°
10*20*10*100	10	20	10	100	90°
12*24*12*75	12	24	12	75	90°
12*24*12*100	12	24	12	100	90°
14*28*14*100	14	28	14	100	90°
14*28*14*150	14	28	14	150	90°
16*32*16*100	16	32	16	100	90°
16*32*16*150	16	32	16	150	90°
18*36*18*100	18	36	18	100	90°
18*36*18*150	18	36	18	150	90°
20*40*20*100	20	40	20	100	90°
20*40*20*150	20	40	20	150	90°

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron			130m/min	0.005D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC50 Carbide Fixed Point Drill For Aluminum



Type	Specification				Angle
	D	Lc	d	L	
3*6*3*50	3	6	3	50	90°
3*6*3*75	3	6	3	75	90°
3*6*3*100	3	6	3	100	90°
2*4*4*50	2	4	4	50	90°
3*6*4*50	3	6	4	50	90°
4*8*4*50	4	8	4	50	90°
4*8*4*75	4	8	4	75	90°
4*8*4*100	4	8	4	100	90°
5*10*5*50	5	10	5	50	90°
5*10*5*75	5	10	5	75	90°
5*10*5*100	5	10	5	100	90°
6*12*6*50	6	12	6	50	90°
6*12*6*75	6	12	6	75	90°
6*12*6*100	6	12	6	100	90°
8*16*8*60	8	16	8	60	90°

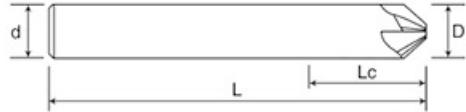
Type	Specification				Angle
	D	Lc	d	L	
8*16*8*75	8	16	8	75	90°
8*16*8*100	8	16	8	100	90°
10*20*10*75	10	20	10	75	90°
10*20*10*100	10	20	10	100	90°
12*24*12*75	12	24	12	75	90°
12*24*12*100	12	24	12	100	90°
14*28*14*100	14	28	14	100	90°
14*28*14*150	14	28	14	150	90°
16*32*16*100	16	32	16	100	90°
16*32*16*150	16	32	16	150	90°
18*36*18*100	18	36	18	100	90°
18*36*18*150	18	36	18	150	90°
20*40*20*100	20	40	20	100	90°
20*40*20*150	20	40	20	150	90°

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel			150(60–350)m/min	0.008D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC50 Carbide 4 Flutes Chamfer Mill



Type	Specification		Angle
	D	L	
4*50*90°	4	50	90°
6*50*90°	6	50	90°
8*60*90°	6	60	90°

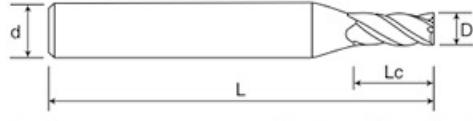
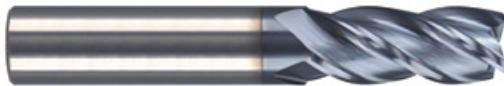
Type	Specification		Angle
	D	L	
10*75*90°	10	75	90°
12*75*90°	12	75	90°

► Table of applicable processed materials and cutting parameters.

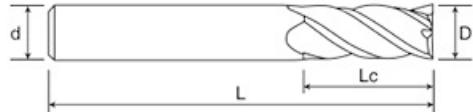
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron			130m/min	0.003D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC45 Carbide 4 Flutes Standard Length End Mill



Picture 1



Picture 2

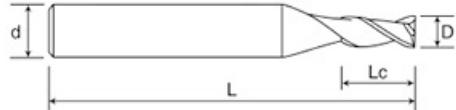
Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	4
3*12*3*75	3	12	3	75	4
3*15*3*100	3	15	3	100	4
1*3*4*50	1	3	4	50	4
1.5*4*4*50	1.5	4	4	50	4
2*5*4*50	2	5	4	50	4
2.5*7*4*50	2.5	7	4	50	4
3*8*4*50	3	8	4	50	4
3.5*10*4*50	3.5	10	4	50	4
4*10*4*50	4	10	4	50	4
4*16*4*75	4	16	4	75	4
4*20*4*100	4	20	4	100	4
1*3*4*75	1	3	4	75	4
1.5*4*4*75	1.5	4	4	75	4
2*5*4*75	2	5	4	75	4
2.5*7*4*75	2.5	7	4	75	4
3*8*4*75	3	8	4	75	4
5*13*5*50	5	13	5	50	4
5*20*5*75	5	20	5	75	4
5*25*5*100	5	25	5	100	4
1*3*6*50	1	3	6	50	4
1.5*4*6*50	1.5	4	6	50	4
2*5*6*50	2	5	6	50	4
2.5*7*6*50	2.5	7	6	50	4
3*8*6*50	3	8	6	50	4
3.5*10*6*50	3.5	10	6	50	4
4*10*6*50	4	10	6	50	4
4.5*12*6*50	4.5	12	6	50	4
5*13*6*50	5	13	6	50	4

► Table of applicable processed materials and cutting parameters.

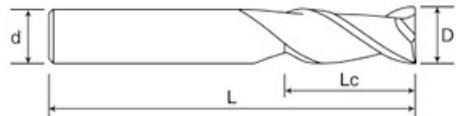
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron	$\leq 1D$	$\leq 0.12D$	160m/min	0.0075D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC45 Carbide 2 Flutes Standard Length End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	2
3*12*3*75	3	12	3	75	2
3*15*3*100	3	15	3	100	2
1*3*4*50	1	3	4	50	2
1.5*4*4*50	1.5	4	4	50	2
2*5*4*50	2	5	4	50	2
2.5*7*4*50	2.5	7	4	50	2
3*8*4*50	3	8	4	50	2
3.5*10*4*50	3.5	10	4	50	2
4*10*4*50	4	10	4	50	2
4*16*4*75	4	16	4	75	2
4*20*4*100	4	20	4	100	2
5*13*5*50	5	13	5	50	2
5*20*5*75	5	20	5	75	2
5*25*5*100	5	25	5	100	2
1*3*6*50	1	3	6	50	2
1.5*4*6*50	1.5	4	6	50	2
2*5*6*50	2	5	6	50	2
2.5*7*6*50	2.5	7	6	50	2
3*8*6*50	3	8	6	50	2
3.5*10*6*50	3.5	10	6	50	2
4*10*6*50	4	10	6	50	2
4.5*12*6*50	4.5	12	6	50	2
5*13*6*50	5	13	6	50	2
5.5*15*6*50	5.5	15	6	50	2
6*15*6*50	6	15	6	50	2
6*25*6*75	6	25	6	75	2

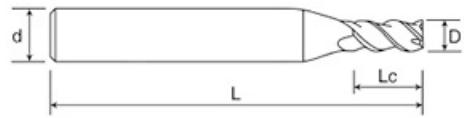
Type	Specification				Flutes
	D	Lc	d	L	
6*30*6*100	6	30	6	100	2
6*40*6*150	6	40	6	150	2
7*18*8*60	7	18	8	60	2
8*20*8*60	8	20	8	60	2
8*28*8*75	8	28	8	75	2
8*35*8*100	8	35	8	100	2
8*50*8*150	8	50	8	150	2
9*23*10*75	9	23	10	75	2
10*25*10*75	10	25	10	75	2
10*40*10*100	10	40	10	100	2
10*50*10*150	10	50	10	150	2
11*28*12*75	11	28	12	75	2
12*30*12*75	12	30	12	75	2
12*45*12*100	12	45	12	100	2
12*60*12*150	12	60	12	150	2
13*45*14*100	13	45	14	100	2
14*35*14*80	14	35	14	80	2
14*45*14*100	14	45	14	100	2
14*60*14*150	14	60	14	150	2
15*45*16*100	15	45	16	100	2
16*45*16*100	16	45	16	100	2
16*60*16*150	16	60	16	150	2
18*45*18*100	18	45	18	100	2
18*70*18*150	18	70	18	150	2
20*45*20*100	20	45	20	100	2
20*70*20*150	20	70	20	150	2

► Table of applicable processed materials and cutting parameters.

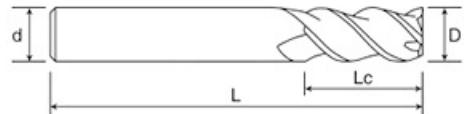
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron	$\leq 1D$	$\leq 0.12D$	160m/min	0.008D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC45 Carbide 3 Flutes Standard Length End Mill For Aluminum



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*9*3*50	3	9	3	50	3
3*12*3*75	3	12	3	75	3
3*15*3*100	3	15	3	100	3
2*6*4*50	2	6	4	50	3
2.5*8*4*50	2.5	8	4	50	3
3*9*4*50	3	9	4	50	3
3.5*12*4*50	3.5	12	4	50	3
4*12*4*50	4	12	4	50	3
4*20*4*75	4	20	4	75	3
4*25*4*100	4	25	4	100	3
5*15*5*50	5	15	5	50	3
5*20*5*75	5	20	5	75	3
5*25*5*100	5	25	5	100	3
2*6*6*50	2	6	6	50	3
2.5*8*6*50	2.5	8	6	50	3
3*9*6*50	3	9	6	50	3
3.5*12*6*50	3.5	12	6	50	3
4*12*6*50	4	12	6	50	3
4.5*14*6*50	4.5	14	6	50	3
5*15*6*50	5	15	6	50	3
5.5*18*6*50	5.5	18	6	50	3
6*18*6*50	6	18	6	50	3
6*30*6*75	6	30	6	75	3
6*30*6*100	6	30	6	100	3

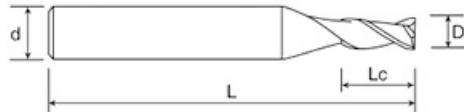
Type	Specification				Flutes
	D	Lc	d	L	
6*40*6*150	6	40	6	150	3
7*21*8*60	7	21	8	60	3
8*24*8*60	8	24	8	60	3
8*35*8*75	8	35	8	75	3
8*40*8*100	8	40	8	100	3
8*50*8*150	8	50	8	150	3
9*27*10*75	9	27	10	75	3
10*30*10*75	10	30	10	75	3
10*40*10*100	10	40	10	100	3
10*50*10*150	10	50	10	150	3
11*33*12*75	11	33	12	75	3
12*36*12*75	12	36	12	75	3
12*45*12*100	12	45	12	100	3
12*60*12*150	12	60	12	150	3
14*35*14*80	14	35	14	80	3
14*45*14*100	14	45	14	100	3
14*65*14*150	14	65	14	150	3
15*45*16*100	15	45	16	100	3
16*45*16*100	16	45	16	100	3
16*65*16*150	16	65	16	150	3
18*45*18*100	18	45	18	100	3
18*70*18*150	18	70	18	150	3
20*45*20*100	20	45	20	100	3
20*70*20*150	20	70	20	150	3

► Table of applicable processed materials and cutting parameters.

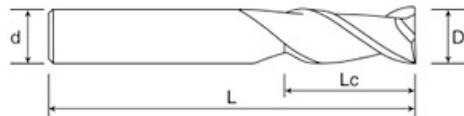
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel	$\leq 1.5D$	$\leq 0.2D$	150(60–350)m/min	0.007D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC45 Carbide 2 Flutes Standard Length End Mill For Aluminum



Picture 1



Picture 2

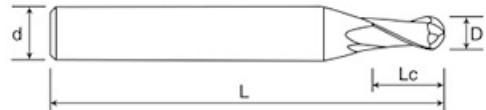
Type	Specification				Flutes
	D	Lc	d	L	
3*9*3*50	3	9	3	50	2
3*12*3*75	3	12	3	75	2
3*15*3*100	3	15	3	100	2
2*6*4*50	2	6	4	50	2
2.5*8*4*50	2.5	8	4	50	2
3*9*4*50	3	9	4	50	2
3.5*12*4*50	3.5	12	4	50	2
4*12*4*50	4	12	4	50	2
4*20*4*75	4	20	4	75	2
4*25*4*100	4	25	4	100	2
5*15*5*50	5	15	5	50	2
5*20*5*75	5	20	5	75	2
5*25*5*100	5	25	5	100	2
2*6*6*50	2	6	6	50	2
2.5*8*6*50	2.5	8	6	50	2
3*9*6*50	3	9	6	50	2
3.5*12*6*50	3.5	12	6	50	2
4*12*6*50	4	12	6	50	2
4.5*14*6*50	4.5	14	6	50	2
5*15*6*50	5	15	6	50	2
5.5*18*6*50	5.5	18	6	50	2
6*18*6*50	6	18	6	50	2
6*30*6*75	6	30	6	75	2
6*30*6*100	6	30	6	100	2

► Table of applicable processed materials and cutting parameters.

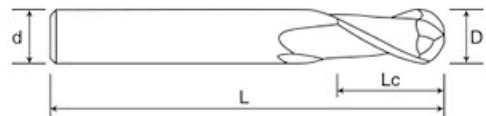
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel	$\leq 2.5D$	$\leq 0.15D$	150(60–350)m/min	0.008D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC45 Carbide 2 Flutes Standard Length Ball Nose End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	R	Lc	d	L	
R1.5*6*3*50	1.5	6	3	50	2
R1.5*6*3*75	1.5	6	3	75	2
R1.5*6*3*100	1.5	6	3	100	2
R0.5*2*4*50	0.5	2	4	50	2
R0.75*3*4*50	0.75	3	4	50	2
R1*4*4*50	1	4	4	50	2
R1.25*5*4*50	1.25	5	4	50	2
R1.5*6*4*50	1.5	6	4	50	2
R1.75*7*4*50	1.75	7	4	50	2
R2*8*4*50	2	8	4	50	2
R2*8*4*75	2	8	4	75	2
R2*8*4*100	2	8	4	100	2
R0.5*2*4*75	0.5	2	4	75	2
R0.75*3*4*75	0.75	3	4	75	2
R1*4*4*75	1	4	4	75	2
R1.25*5*4*75	1.25	5	4	75	2
R1.5*6*4*75	1.5	6	4	75	2
R2.5*10*5*50	2.5	10	5	100	2
R2.5*10*5*75	2.5	10	6	50	2
R2.5*10*5*100	2.5	10	5	100	2
R0.5*2*6*50	0.5	2	6	50	2
R0.75*3*6*50	0.75	3	6	50	2
R1*4*6*50	1	4	6	50	2
R1.25*5*6*50	1.25	5	6	50	2
R1.5*6*6*50	1.5	6	6	50	2
R1.75*7*6*50	1.75	7	6	50	2
R2*8*6*50	2	8	6	50	2
R2.5*10*6*50	2.5	10	6	50	2

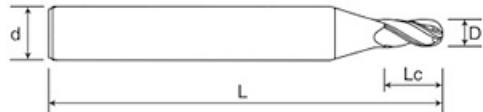
Type	Specification				Flutes
	R	Lc	d	L	
R3*12*6*50	3	12	6	50	2
R3*12*6*75	3	12	6	75	2
R3*12*6*100	3	12	6	100	2
R3*12*6*150	3	12	6	150	2
R3.5*14*8*60	3.5	14	8	60	2
R4*16*8*60	4	16	8	60	2
R4*16*8*75	4	16	8	75	2
R4*16*8*100	4	16	8	100	2
R4*16*8*150	4	16	8	150	2
R4.5*18*10*75	4.5	18	10	75	2
R5*20*10*75	5	20	10	75	2
R5*20*10*100	5	20	10	100	2
R5*20*10*150	5	20	10	150	2
R5.5*22*12*75	5.5	22	12	75	2
R6*24*12*75	6	24	12	75	2
R6*24*12*100	6	24	12	100	2
R6*24*12*150	6	24	12	150	2
R6.5*26*14*100	6.5	26	14	100	2
R7*28*14*80	7	28	14	80	2
R7*28*14*100	7	28	14	100	2
R7*28*14*150	7	28	14	150	2
R8*32*16*100	8	32	16	100	2
R8*32*16*150	8	32	16	150	2
R9*36*18*100	9	36	18	100	2
R9*36*18*150	9	36	18	150	2
R10*40*20*100	10	40	20	100	2
R10*40*20*150	10	40	20	150	2

► Table of applicable processed materials and cutting parameters.

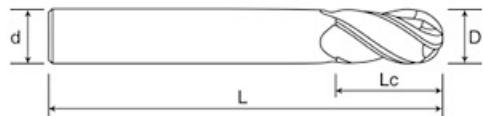
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron	$\leq 0.2D$	$\leq 0.3D$	160m/min	0.009D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC45 Carbide 4 Flutes Standard Length Ball Nose End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	R	Lc	d	L	
R1.5*6*3*50	1.5	6	3	50	4
R1.5*6*3*75	1.5	6	3	75	4
R1.5*6*3*100	1.5	6	3	100	4
R0.5*2*4*50	0.5	2	4	50	4
R0.75*3*4*50	0.75	3	4	50	4
R1*4*4*50	1	4	4	50	4
R1.25*5*4*50	1.25	5	4	50	4
R1.5*6*4*50	1.5	6	4	50	4
R1.75*7*4*50	1.75	7	4	50	4
R2*8*4*50	2	8	4	50	4
R2*8*4*75	2	8	4	75	4
R2*8*4*100	2	8	4	100	4
R2.5*10*5*50	2.5	10	5	50	4
R2.5*10*5*75	2.5	10	5	75	4
R2.5*10*5*100	2.5	10	5	100	4
R2.5*10*6*50	2.5	10	6	50	4
R3*12*6*50	3	12	6	50	4
R3*12*6*75	3	12	6	75	4
R3*12*6*100	3	12	6	100	4
R3*12*6*150	3	12	6	150	4
R1.5*6*6*50	1.5	6	6	50	4
R3.5*14*8*60	3.5	14	8	60	4

Type	Specification				Flutes
	R	Lc	d	L	
R4*16*8*60	4	16	8	60	4
R4*16*8*75	4	16	8	75	4
R4*16*8*100	4	16	8	100	4
R4*16*8*150	4	16	8	150	4
R4.5*18*10*75	4.5	18	10	75	4
R5*20*10*75	5	20	10	75	4
R5*20*10*100	5	20	10	100	4
R5*20*10*150	5	20	10	150	4
R5.5*22*12*75	5.5	22	12	75	4
R6*24*12*75	6	24	12	75	4
R6*24*12*100	6	24	12	100	4
R6*24*12*150	6	24	12	150	4
R6.5*26*14*100	6.5	26	14	100	4
R7*28*14*80	7	28	14	80	4
R7*28*14*100	7	28	14	100	4
R7*28*14*150	7	28	14	150	4
R8*32*16*100	8	32	16	100	4
R8*32*16*150	8	32	16	150	4
R9*36*18*100	9	36	18	100	4
R9*36*18*150	9	36	18	150	4
R10*40*20*100	10	40	20	100	4
R10*40*20*150	10	40	20	150	4

► Table of applicable processed materials and cutting parameters.

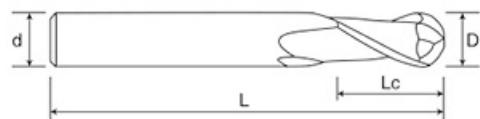
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$	160m/min	0.01D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC45 Carbide 2 Flutes Standard Length Ball Nose End Mill For Aluminum



Picture 1



Picture 2

Type	Specification				Flutes
	R	Lc	d	L	
R1.5*6*3*50	1.5	6	3	50	2
R1.5*6*3*75	1.5	6	3	75	2
R1.5*6*3*100	1.5	6	3	100	2
R0.5*2*4*50	0.5	2	4	50	2
R0.75*3*4*50	0.75	3	4	50	2
R1*4*4*50	1	4	4	50	2
R1.25*5*4*50	1.25	5	4	50	2
R1.5*6*4*50	1.5	6	4	50	2
R1.75*7*4*50	1.75	7	4	50	2
R2*8*4*50	2	8	4	50	2
R2*8*4*75	2	8	4	75	2
R2*8*4*100	2	8	4	100	2
R2.5*10*5*50	2.5	10	5	50	2
R2.5*10*5*75	2.5	10	5	75	2
R2.5*10*5*100	2.5	10	5	100	2
R2.5*10*6*50	2.5	10	6	50	2
R3*12*6*50	3	12	6	50	2
R3*12*6*75	3	12	6	75	2
R3*12*6*100	3	12	6	100	2
R3*12*6*150	3	12	6	150	2
R3.5*14*8*60	3.5	14	8	60	2
R4*16*8*60	4	16	8	60	2

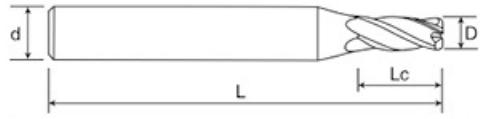
Type	Specification				Flutes
	R	Lc	d	L	
R4*16*8*75	4	16	8	75	2
R4*16*8*100	4	16	8	100	2
R4*16*8*150	4	16	8	150	2
R4.5*18*10*75	4.5	18	10	75	2
R5*20*10*75	5	20	10	75	2
R5*20*10*100	5	20	10	100	2
R5*20*10*150	5	20	10	150	2
R5.5*22*12*75	5.5	22	12	75	2
R6*24*12*75	6	24	12	75	2
R6*24*12*100	6	24	12	100	2
R6*24*12*150	6	24	12	150	2
R6.5*26*14*100	6.5	26	14	100	2
R7*28*14*80	7	28	14	80	2
R7*28*14*100	7	28	14	100	2
R7*28*14*150	7	28	14	150	2
R8*32*16*100	8	32	16	100	2
R8*32*16*150	8	32	16	150	2
R9*36*18*100	9	36	18	100	2
R9*36*18*150	9	36	18	150	2
R10*40*20*100	10	40	20	100	2
R10*40*20*150	10	40	20	150	2

► Table of applicable processed materials and cutting parameters.

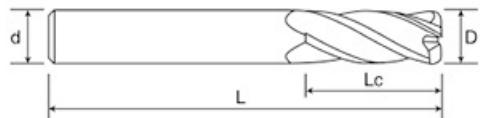
Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel	$\leq 1.5D$	$\leq 0.2D$	150(60–350)m/min	0.009D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC45 Carbide 4 Flutes Standard Length Corner Radius End Mill



Picture 1



Picture 2

Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	4
3*12*3*75	3	12	3	75	4
3*15*3*100	3	15	3	100	4
1*3*4*50	1	3	4	50	4
1.5*4*4*50	1.5	4	4	50	4
2*5*4*50	2	5	4	50	4
3*8*4*75	3	8	4	75	4
4*10*4*50	4	10	4	50	4
4*16*4*75	4	16	4	75	4
4*20*4*100	4	20	4	100	4
5*13*5*50	5	13	5	50	4
5*20*5*75	5	20	5	75	4
5*25*5*100	5	25	5	100	4
6*15*6*50	6	15	6	50	4

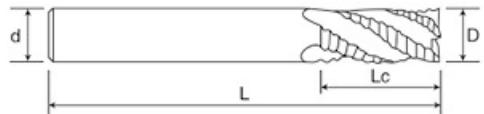
Type	Specification				Flutes
	D	Lc	d	L	
5*13*6*50	5	13	6	50	4
6*25*6*75	6	25	6	75	4
6*30*6*100	6	30	6	100	4
6*40*6*150	6	40	6	150	4
8*20*8*60	8	20	8	60	4
8*28*8*75	8	28	8	75	4
8*35*8*100	8	35	8	100	4
8*50*8*150	8	50	8	150	4
10*25*10*75	10	25	10	75	4
10*40*10*100	10	40	10	100	4
10*50*10*150	10	50	10	150	4
12*30*12*75	12	30	12	75	4
12*45*12*100	12	45	12	100	4
12*60*12*150	12	60	12	150	4

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.15D$	180m/min	0.0085D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC45 Carbide 4 Flutes Roughing End Mill



Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	4
3*12*3*75	3	12	3	75	4
3*15*3*100	3	15	3	100	4
4*10*4*50	4	10	4	50	4
4*16*4*75	4	16	4	75	4
4*20*4*100	4	20	4	100	4
5*13*5*50	5	13	5	50	4
5*20*5*75	5	20	5	75	4
5*25*5*100	5	25	5	100	4
5*13*6*50	5	13	6	50	4
6*15*6*50	6	15	6	50	4
6*25*6*75	6	25	6	75	4
6*30*6*100	6	30	6	100	4
8*20*8*60	8	20	8	60	4

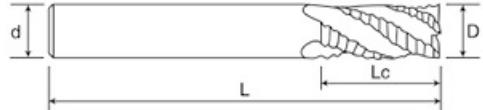
Type	Specification				Flutes
	D	Lc	d	L	
8*28*8*75	8	28	8	75	4
8*35*8*100	8	35	8	100	4
10*25*10*75	10	25	10	75	4
10*40*10*100	10	40	10	100	4
12*30*12*75	12	30	12	75	4
12*45*12*100	12	45	12	100	4
14*45*14*100	14	45	14	100	4
14*60*14*150	14	60	14	150	4
16*45*16*100	16	45	16	100	4
16*60*16*150	16	60	16	150	4
18*45*18*100	18	45	18	100	4
18*70*18*150	18	70	18	150	4
20*45*20*100	20	45	20	100	4
20*70*20*150	20	70	20	150	4

▶ Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron	$\leq 1.5D$	$\leq 0.3D$	140m/min	0.006D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC45 Carbide 3 Flutes Roughing End Mill For Aluminum



Type	Specification				Flutes
	D	Lc	d	L	
3*8*3*50	3	8	3	50	3
3*12*3*75	3	12	3	75	3
3*15*3*100	3	15	3	100	3
4*10*4*50	4	10	4	50	3
4*16*4*75	4	16	4	75	3
4*20*4*100	4	20	4	100	3
5*13*5*50	5	13	5	50	3
5*20*5*75	5	20	5	75	3
5*25*5*100	5	25	5	100	3
5*13*6*50	5	13	6	50	3
6*15*6*50	6	15	6	50	3
6*25*6*75	6	25	6	75	3
6*30*6*100	6	30	6	100	3
8*24*8*60	8	20	8	60	3

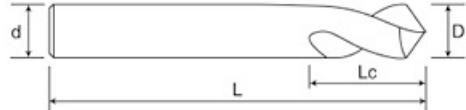
Type	Specification				Flutes
	D	Lc	d	L	
8*28*8*75	8	28	8	75	3
8*35*8*100	8	35	8	100	3
10*30*10*75	10	30	10	75	3
10*40*10*100	10	40	10	100	3
12*36*12*75	12	36	12	75	3
12*45*12*100	12	45	12	100	3
14*45*14*100	14	45	14	100	3
14*60*14*150	14	60	14	150	3
16*45*16*100	16	45	16	100	3
16*60*16*150	16	60	16	150	3
18*45*18*100	18	45	18	100	3
18*70*18*150	18	70	18	150	3
20*45*20*100	20	45	20	100	3
20*70*20*150	20	70	20	150	3

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel	$\leq 2D$	$\leq 0.3D$	130m/min	0.008D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC45 Carbide Rigid Fixed Point Drill



Type	Specification				Angle
	D	Lc	d	L	
3*6*3*50	3	6	3	50	90°
3*6*3*75	3	6	3	75	90°
3*6*3*100	3	6	3	100	90°
2*4*4*50	2	4	4	50	90°
3*6*4*50	3	6	4	50	90°
4*8*4*50	4	8	4	50	90°
4*8*4*75	4	8	4	75	90°
4*8*4*100	4	8	4	100	90°
5*10*5*50	5	10	5	50	90°
5*10*5*75	5	10	5	75	90°
5*10*5*100	5	10	5	100	90°
6*12*6*50	6	12	6	50	90°
6*12*6*75	6	12	6	75	90°
6*12*6*100	6	12	6	100	90°
8*16*8*60	8	16	8	60	90°

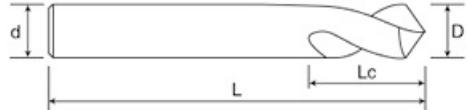
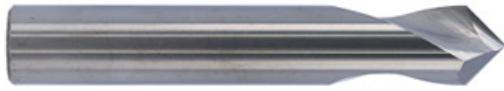
Type	Specification				Angle
	D	Lc	d	L	
8*16*8*75	8	16	8	75	90°
8*16*8*100	8	16	8	100	90°
10*20*10*75	10	20	10	75	90°
10*20*10*100	10	20	10	100	90°
12*24*12*75	12	24	12	75	90°
12*24*12*100	12	24	12	100	90°
14*28*14*100	14	28	14	100	90°
14*28*14*150	14	28	14	150	90°
16*32*16*100	16	32	16	100	90°
16*32*16*150	16	32	16	150	90°
18*36*18*100	18	36	18	100	90°
18*36*18*150	18	36	18	150	90°
20*40*20*100	20	40	20	100	90°
20*40*20*150	20	40	20	150	90°

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron			130m/min	0.003D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC45 Carbide Fixed Point Drill For Aluminum



Type	Specification				Angle
	D	Lc	d	L	
3*6*3*50	3	6	3	50	90°
3*6*3*75	3	6	3	75	90°
3*6*3*100	3	6	3	100	90°
2*4*4*50	2	4	4	50	90°
3*6*4*50	3	6	4	50	90°
4*8*4*50	4	8	4	50	90°
4*8*4*75	4	8	4	75	90°
4*8*4*100	4	8	4	100	90°
5*10*5*50	5	10	5	50	90°
5*10*5*75	5	10	5	75	90°
5*10*5*100	5	10	5	100	90°
6*12*6*50	6	12	6	50	90°
6*12*6*75	6	12	6	75	90°
6*12*6*100	6	12	6	100	90°
8*16*8*60	8	16	8	60	90°

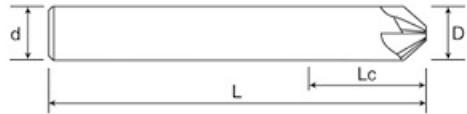
Type	Specification				Angle
	D	Lc	d	L	
8*16*8*75	8	16	8	75	90°
8*16*8*100	8	16	8	100	90°
10*20*10*75	10	20	10	75	90°
10*20*10*100	10	20	10	100	90°
12*24*12*75	12	24	12	75	90°
12*24*12*100	12	24	12	100	90°
14*28*14*100	14	28	14	100	90°
14*28*14*150	14	28	14	150	90°
16*32*16*100	16	32	16	100	90°
16*32*16*150	16	32	16	150	90°
18*36*18*100	18	36	18	100	90°
18*36*18*150	18	36	18	150	90°
20*40*20*100	20	40	20	100	90°
20*40*20*150	20	40	20	150	90°

► Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron				
N Aluminum Alloy steel			150(60–350)m/min	0.008D mm/z
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

HRC45 Carbide 4 Flutes Chamfer Mill



Type	Specification		Angle
	D	L	
4*50*90°	4	50	90°
6*50*90°	6	50	90°
8*60*90°	6	60	90°

Type	Specification		Angle
	D	L	
10*75*90°	10	75	90°
12*75*90°	12	75	90°

▶ Table of applicable processed materials and cutting parameters.

Applicable materials	a_p	a_e	V_c	f_z
P Carbon steel, alloy steel				
M Stainless steel				
K Cast Iron			130m/min	0.003D mm/z
N Aluminum Alloy steel				
S Superalloy				
H Hardened Steel				

Please adjust the parameters according to the material and hardness of workpieces.

Customized Tools

