



ChinaCNCzone CNC Router Bits

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Wood Cutting (Use with ER20)

necking bits (2 sharp edges)	Shank Dia (MM) SD	Cutting Edge Dia(MM) CED	Cutting Depth(MM)	Maximum Speed
	12.7	4	15	24000RPM
	12.7	5	15	24000RPM
	12.7	5.5	15	24000RPM
	12.7	6	15	24000RPM
	12.7	6	20	24000RPM
	12.7	8	25	24000RPM



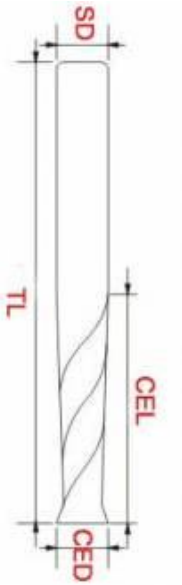
Wood Cutting (Use with ER11)

necking bits (2 sharp edges)	Shank Dia (MM) SD	Cutting Edge Dia(MM)	Cutting Edge Length (MM)	Length (MM)
	3.175	1	3	39
	3.175	1.5	7	38
	3.175	2	8	38
	3.175	2	12	38
	3.175	2.5	12	38
	3.175	3.175	12	38

3.175	3.175	15	38
3.175	3.175	17	38
3.175	3.175	22	42
3.175	3.175	25	50
3.175	3.175	28	55
3.175	3.175	32	55
3.175	3.175	42	65



Stone Milling

synthetic diamond bits	Shank Dia (MM) SD	Cutting Edge Dia(MM) CED	Cutting Edge Length (MM)	Length (MM)
	6	2	20	70
	6	3	20	70
	8	2	25	70
	8	3	25	70
	8	4	25	70
	8	6	25	70
	10	4	40	100
	10	4	30	90
	10	6	30	90
	10	6	40	100
	10	6	50	120
	10	6	60	120
	10	8	25	85
	10	8	30	90
	10	8	50	120



10	8	60	120
12	6	50	120
12	6	60	120
12	8	50	120
12	8	60	120
12.7	6	50	120
12.7	6	60	120
12.7	8	50	120
12.7	8	60	120
14	6	50	120
14	6	60	120
14	8	50	120
14	8	60	120

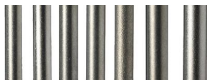


6	6	15	70
8	8	20	70/80/90/100
10	10	20	90/120
10	10	25	90/120
10	10	30	90/120
12	12	20	90/120
12	12	30	90/120



Stone Engraving

Carbide Bits	Shank Dia (MM) SD	Width of the Blade(MM)	Angle	Total Length (MM)
	8	8	90°	
	8	14	120°	
	6	6	90°	



6	6	75°	
6	6	60°	
6	6	45°	
6	6	30°	



Soft Metal Engraving

3 sharp edges	Shank Dia (MM) SD	Cutting Edge Dia(MM) CED	Cutting Edge Length (MM) CEL	Total Length (MM) TL
	4	1	3	50
	4	1.5	4	50
	4	2	6	50
	4	2.5	7	50
	4	3	8	50
	4	4	10	50
	6	5	13	50
	6	6	15	50
	8	8	20	60
	10	10	25	75
	12	12	30	75
	14	14	40	80
	16	16	45	100
	18	18	45	100
20	20	50	100	



PCB Engraving

drilling bits	Shank Dia (MM) SD	Cutting Edge Dia (MM) CED	Cutting Edge Length (MM) CEL	Total Length (MM) TL
0.25-1.15mm Total 10 pieces	3.175	0.25	4.5	38.00±0.20
	3.175	0.35	6.5	38.00±0.20
	3.175	0.45	7	38.00±0.20
	3.175	0.55	8.5	38.00±0.20
	3.175	0.65	9.5	38.00±0.20
	3.175	0.75	10	38.00±0.20
	3.175	0.85	10	38.00±0.20
	3.175	0.95	10	38.00±0.20
	3.175	1.05	10.5	38.00±0.20
	3.175	1.15	10.5	38.00±0.20
0.3-1.2mm Total 10 pieces	3.175	0.3	5.5	38.00±0.20
	3.175	0.4	7	38.00±0.20
	3.175	0.5	8.5	38.00±0.20
	3.175	0.6	9.5	38.00±0.20
	3.175	0.7	10	38.00±0.20
	3.175	0.8	10	38.00±0.20
	3.175	0.9	10	38.00±0.20
	3.175	1	10	38.00±0.20
	3.175	1.1	10.5	38.00±0.20
	3.175	1.2	10.5	38.00±0.20
0.6-1.5mm Total 10 pieces	3.175	0.6	10	38.00±0.20
	3.175	0.7	10	38.00±0.20
	3.175	0.8	10	38.00±0.20
	3.175	0.9	10	38.00±0.20
	3.175	1	10	38.00±0.20
	3.175	1.1	10.5	38.00±0.20
	3.175	1.2	10.5	38.00±0.20
	3.175	1.3	12	38.00±0.20
	3.175	1.4	12	38.00±0.20
	3.175	1.5	12	38.00±0.20
	3.175	1.5	12	38.00±0.20
	3.175	1.6	12	38.00±0.20
	3.175	1.7	12	38.00±0.20

1.5-2.4mm Total 10 pieces	3.175	1.8	12	38.00±0.20
	3.175	1.9	12	38.00±0.20
	3.175	2	12	38.00±0.20
	3.175	2.1	12	38.00±0.20
	3.175	2.2	12	38.00±0.20
	3.175	2.3	12	38.00±0.20
	3.175	2.4	12	38.00±0.20
1.1-2mm Total 10 pieces	3.175	1.1	10.5	38.00±0.20
	3.175	1.2	10.5	38.00±0.20
	3.175	1.3	12	38.00±0.20
	3.175	1.4	12	38.00±0.20
	3.175	1.5	12	38.00±0.20
	3.175	1.6	12	38.00±0.20
	3.175	1.7	12	38.00±0.20
	3.175	1.8	12	38.00±0.20
	3.175	1.9	12	38.00±0.20
	3.175	2	12	38.00±0.20
2.1-3mm Total 10 pieces	3.175	2.1	12	38.00±0.20
	3.175	2.2	12	38.00±0.20
	3.175	2.3	12	38.00±0.20
	3.175	2.4	12	38.00±0.20
	3.175	2.5	12	38.00±0.20
	3.175	2.6	12	38.00±0.20
	3.175	2.7	12	38.00±0.20
	3.175	2.8	12	38.00±0.20
	3.175	2.9	12	38.00±0.20
	3.175	3	12	38.00±0.20
Collects & Nuts				
ER11 /ER20 Collects	Model	Inner Dia(MM)	Outside Dia(MM)	Height(MM)
	ER11-1 ER11-1.5 ER11-2	1mm 1.5mm 2mm		



ER11-2.5	2.5mm		
ER11-3	3mm		
ER11-3.175	3.175mm		
ER11-3.5	3.5mm		
ER11-4	4mm		
ER11-4.5	4.5mm		
ER11-5	5mm		
ER11-5.5	5.5mm		
ER11-6	6mm		
ER11-6.35	6.35mm		
ER11-6.5	6.5mm		
ER11-7	7mm		



ER20-1	1mm		
ER20-2	2mm		
ER20-3	3mm		
ER20-4	4mm		
ER20-5	5mm		
ER20-6	6mm		
ER20-7	7mm		
ER20-8	8mm		
ER20-9	9mm		
ER20-10	10mm		
ER20-11	11mm		
ER20-12	12mm		
ER20-13	13mm		

ER11 /ER20 Collects Nuts

Model



ER-11A

ER-20A