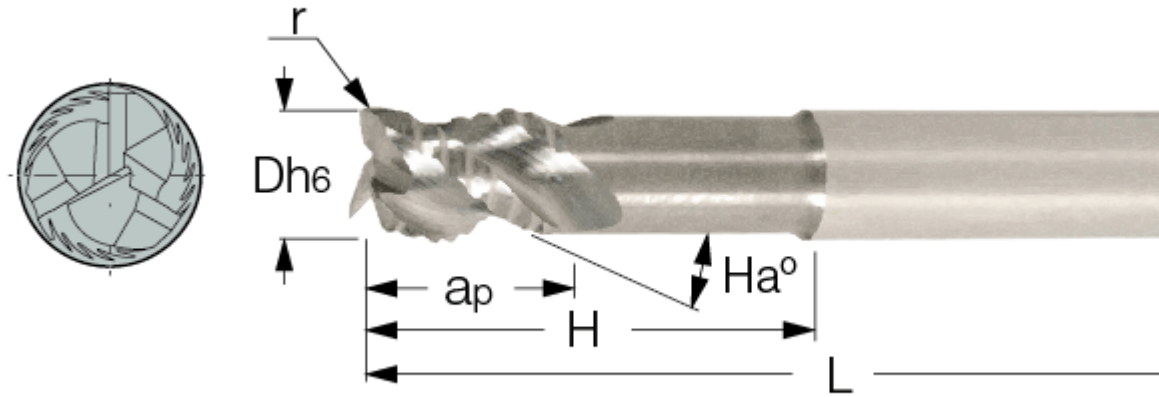
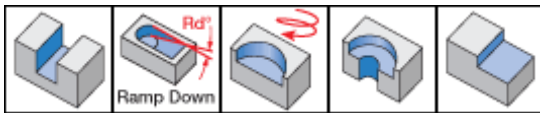




**ECR-B3-R** : 3 flute, 45°helix solid carbide roughing endmills. Used for high stock removal rates on aluminum.



Aluminum



Designation	D	d	H	L	Flute	Ha°/b>	Rd°/b>	ap	Shank	r	fz(min)	fz(max)	Grade
ECR-B3 06-09/21C06R02A57	6.00	6.00	21.00	57.00	3	45.0	20.0	9.00	C	0.20	0.03	0.07	IC08
ECR-B3 06-09/21W06R02A57	6.00	6.00	21.00	57.00	3	45.0	20.0	9.00	W	0.20	0.03	0.07	IC08
ECR-B3 06-09/30C06R02A65	6.00	6.00	30.00	65.00	3	45.0	20.0	9.00	C	0.20	0.03	0.07	IC08
ECR-B3 06-09/30W06R02A65	6.00	6.00	30.00	65.00	3	45.0	20.0	9.00	W	0.20	0.03	0.07	IC08
ECR-B3 08-12/27C08R02A63	8.00	8.00	27.00	63.00	3	45.0	20.0	12.00	C	0.20	0.03	0.15	IC08
ECR-B3 08-12/27W08R02A63	8.00	8.00	27.00	63.00	3	45.0	20.0	12.00	W	0.20	0.03	0.15	IC08
ECR-B3 08-12/40C08R02A78	8.00	8.00	40.00	78.00	3	45.0	20.0	12.00	C	0.20	0.03	0.15	IC08
ECR-B3 08-12/40W08R02A78	8.00	8.00	40.00	78.00	3	45.0	20.0	12.00	W	0.20	0.03	0.15	IC08
ECR-B3 10-12/31C10R02A72	10.00	10.00	31.00	72.00	3	45.0	20.0	12.00	C	0.20	0.05	0.20	IC08
ECR-B3 10-12/31W10R02A72	10.00	10.00	31.00	72.00	3	45.0	20.0	12.00	W	0.20	0.05	0.20	IC08
ECR-B3 10-12/50C10R02A100	10.00	10.00	50.00	100.00	3	45.0	20.0	12.00	C	0.20	0.05	0.20	IC08
ECR-B3 10-12/50W10R02A100	10.00	10.00	50.00	100.00	3	45.0	20.0	12.00	W	0.20	0.05	0.20	IC08
ECR-B3 12-12/37C12R02A83	12.00	12.00	37.00	83.00	3	45.0	20.0	12.00	C	0.20	0.07	0.22	IC08
ECR-B3 12-12/37W12R02A83	12.00	12.00	37.00	83.00	3	45.0	20.0	12.00	W	0.20	0.07	0.22	IC08
ECR-B3 12-14/55C12R02A100	12.00	12.00	55.00	100.00	3	45.0	20.0	14.00	C	0.20	0.07	0.22	IC08
ECR-B3 12-14/55W12R02A100	12.00	12.00	55.00	100.00	3	45.0	20.0	14.00	W	0.20	0.07	0.22	IC08
ECR-B3 16-14/43C16R02A92	16.00	16.00	43.00	92.00	3	45.0	20.0	14.00	C	0.20	0.07	0.25	IC08
ECR-B3 16-14/43W16R02A92	16.00	16.00	43.00	92.00	3	45.0	20.0	14.00	W	0.20	0.07	0.25	IC08

ECR-B3 16-18/80C16R02A150	16.00	16.00	80.00	150.00	3	45.0	20.0	18.00	C	0.20	0.07	0.25	IC08
ECR-B3 16-18/80W16R02A150	16.00	16.00	80.00	150.00	3	45.0	20.0	18.00	W	0.20	0.07	0.25	IC08
ECR-B3 20-17/53C20R02A104	20.00	20.00	53.00	104.00	3	45.0	20.0	17.00	C	0.20	0.07	0.25	IC08
ECR-B3 20-17/53W20R02A104	20.00	20.00	53.00	104.00	3	45.0	20.0	17.00	W	0.20	0.07	0.25	IC08
ECR-B3 20-22/80C20R02A150	20.00	20.00	80.00	150.00	3	45.0	20.0	22.00	C	0.20	0.07	0.25	IC08
ECR-B3 20-22/80W20R02A150	20.00	20.00	80.00	150.00	3	45.0	20.0	22.00	W	0.20	0.07	0.25	IC08