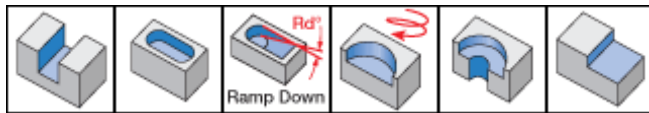
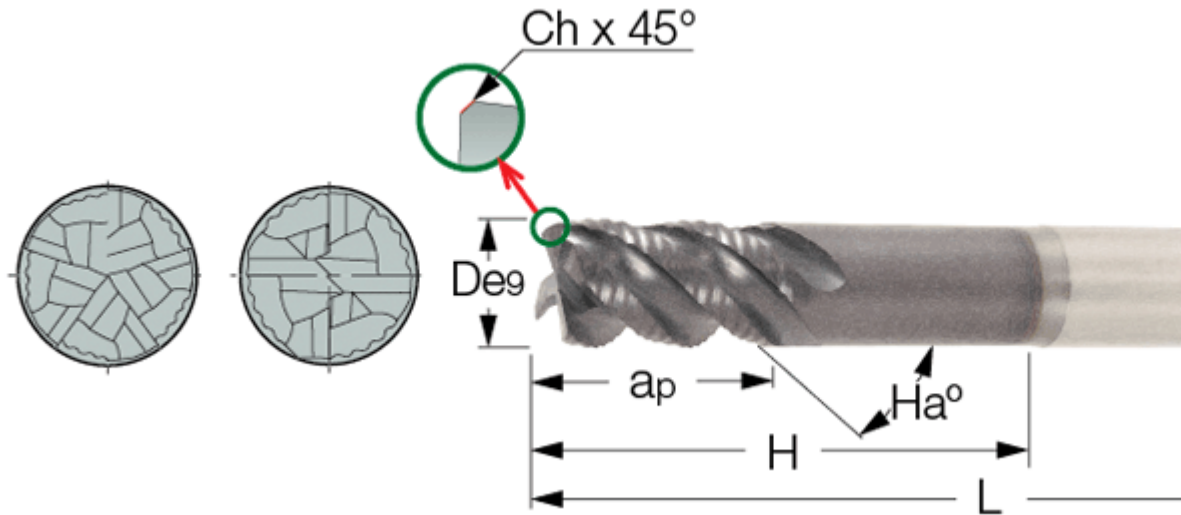




ECR-B-X : 4-5 flute, 45°helix extra long reach (4xd) solid carbide roughing endmills. Used for high stock removal rates.



| Designation | D | d | ap | H | L | Flute | Ha°/b> | Rd°/b> | Shank | Ch | fz(min) | fz(max) | Grade |
|---------------------------|-------|-------|-------|-------|--------|-------|--------|--------|-------|------|---------|---------|-------|
| ECR-B4X 08-12/32C08-68 | 8.00 | 8.00 | 12.00 | 32.00 | 68.00 | 4 | 45.0 | 5.0 | C | 0.25 | 0.03 | 0.08 | IC900 |
| ECR-B4X 08-12/32W08-68 | 8.00 | 8.00 | 12.00 | 32.00 | 68.00 | 4 | 45.0 | 5.0 | W | 0.25 | 0.03 | 0.08 | IC900 |
| ECR-B4X 10-15/40C10-80 90 | 10.00 | 10.00 | 15.00 | 40.00 | 80.00 | 4 | 45.0 | 5.0 | C | 0.30 | 0.03 | 0.09 | IC900 |
| ECR-B4X 10-15/40W10-80 90 | 10.00 | 10.00 | 15.00 | 40.00 | 80.00 | 4 | 45.0 | 5.0 | W | 0.30 | 0.03 | 0.09 | IC900 |
| ECR-B4X 12-18/48C12-100 | 12.00 | 12.00 | 18.00 | 48.00 | 100.00 | 4 | 45.0 | 5.0 | C | 0.35 | 0.04 | 0.10 | IC900 |
| ECR-B4X 12-18/48W12-100 | 16.00 | 16.00 | 18.00 | 48.00 | 100.00 | 4 | 45.0 | 5.0 | W | 0.35 | 0.05 | 0.11 | IC900 |
| ECR-B5X 16-24/64C16-115 | 16.00 | 16.00 | 24.00 | 64.00 | 115.00 | 5 | 45.0 | 5.0 | C | 0.40 | 0.05 | 0.11 | IC900 |
| ECR-B5X 16-24/64W16-115 | 16.00 | 16.00 | 24.00 | 64.00 | 115.00 | 5 | 45.0 | 5.0 | W | 0.40 | 0.05 | 0.11 | IC900 |

First choice in roughing applications.