

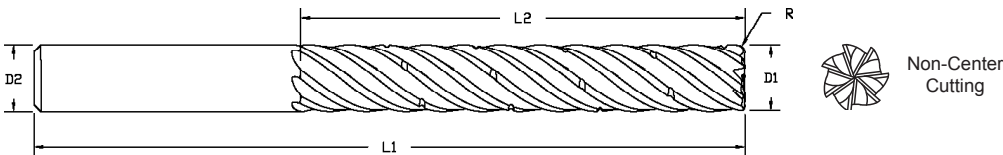
**TuffCut® XR7
Series 180CB
Chipbreaker**



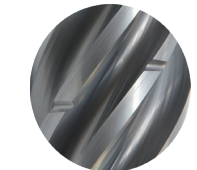
Now Available
with
Corner Radius



- Long and X-Long lengths now with chipbreaker.
- Higher feed rates allowed.
- Cutting forces minimized resulting in straighter walls on long axial engagements.
- Chatter reduced or eliminated.
- Prolongs life of tool by reducing re-cutting of chips.
- Creates shorter chips that can be evacuated more easily.
- Corner Radius provides a stronger corner for less wear during roughing or finishing.



ALtima® Blaze		Diameter		Shank	OAL	Flute Length	Corner Radius
Tool No.	EDP	D1		D2 (h6)	L1	L2	R
		Inch	Decimal	Inch	Inch	Inch	Inch
180L2500B	18904	1/4	.2500	1/4	3	1-1/4	
180L2504B	18913	1/4	.2500	1/4	3	1-1/4	.030
180X2500B	18906	1/4	.2500	1/4	4	1-3/4	
180X2504B	18915	1/4	.2500	1/4	4	1-3/4	.030
180L3750B	18912	3/8	.3750	3/8	4	1-1/2	
180L3754B	18917	3/8	.3750	3/8	4	1-1/2	.030
180X3750B	18914	3/8	.3750	3/8	4	2-1/2	
180X3754B	18919	3/8	.3750	3/8	4	2-1/2	.030
180L5000B	18916	1/2	.5000	1/2	4	2	
180L5004B	18921	1/2	.5000	1/2	4	2	.030
180X5000B	18918	1/2	.5000	1/2	5	3	
180X5004B	18923	1/2	.5000	1/2	5	3	.030
180L6250B	18920	5/8	.6250	5/8	5	2-1/4	
180L6254B	18925	5/8	.6250	5/8	5	2-1/4	.030
180X6250B	18922	5/8	.6250	5/8	6	3	
180X6254B	18927	5/8	.6250	5/8	6	3	.030
180L7500B	18924	3/4	.7500	3/4	5	2-1/4	
180L7504B	18929	3/4	.7500	3/4	5	2-1/4	.030
180X7500B	18926	3/4	.7500	3/4	6	3	
180X7504B	18931	3/4	.7500	3/4	6	3	.030
180L1000B	18928	1	1.0000	1	5	2-1/4	
180L1004B	18933	1	1.0000	1	5	2-1/4	.030
180X1000B	18930	1	1.0000	1	6	3	
180X1004B	18935	1	1.0000	1	6	3	.030



Close-up of chipbreaker grind

180N / 180CB
TuffCut® XR7

HIGH PERFORMANCE



Inch	
D1	Tolerance
.2500-.3937	+0/- .0020
.3938-1.0000	+0/- .0025

Metric (mm)	
D1	Tolerance
6.01-10.00	+0/- .051
10.01-20.00	+0/- .064