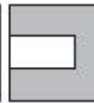
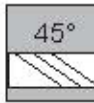


TuffCut® AL Series 136

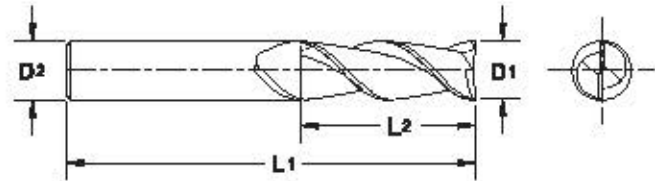
Z2



2
Flute

High performance aluminum finisher out performs competitors.

- Available with corner radius upon request. Call customer service for radius pricing.



| Uncoated | | Diameter | | | Shank | | OAL | | Flute Length | |
|----------|-------|----------|-----|---------|---------|-----|--------|----|--------------|------|
| Tool No. | EDP | D1 | | | D2 (h6) | | L1 | | L2 | |
| | | Inch | mm | Decimal | Inch | mm | Inch | mm | Inch | mm |
| 13611810 | 13600 | | 3.0 | .1181 | | 6.0 | | 52 | | 8.0 |
| 13612500 | 13641 | 1/8 | | .1250 | 1/8 | | 1-1/2 | | 1/4 | |
| 13612503 | 13671 | 1/8 | | .1250 | 1/8 | | 1-1/2 | | 3/8 | |
| 13612501 | 13642 | 1/8 | | .1250 | 1/8 | | 1-1/2 | | 1/2 | |
| 13612504 | 13672 | 1/8 | | .1250 | 1/8 | | 2 | | 3/4 | |
| 13612502 | 13643 | 1/8 | | .1250 | 1/8 | | 2-1/2 | | 1 | |
| 13615620 | 13673 | 5/32 | | .1562 | 5/32 | | 2 | | 5/16 | |
| 13615621 | 13674 | 5/32 | | .1562 | 5/32 | | 2 | | 9/16 | |
| 13615750 | 13602 | | 4.0 | .1575 | | 6.0 | | 55 | | 11.0 |
| 13618750 | 13644 | 3/16 | | .1875 | 3/16 | | 2 | | 5/16 | |
| 13618753 | 13675 | 3/16 | | .1875 | 3/16 | | 2 | | 3/8 | |
| 13618751 | 13646 | 3/16 | | .1875 | 3/16 | | 2-1/2 | | 5/8 | |
| 13618754 | 13676 | 3/16 | | .1875 | 3/16 | | 2-1/2 | | 3/4 | |
| 13618752 | 13647 | 3/16 | | .1875 | 3/16 | | 2-1/2 | | 1 | |
| 13619680 | 13605 | | 5.0 | .1968 | | 6.0 | | 58 | | 13.0 |
| 13623620 | 13610 | | 6.0 | .2362 | | 6.0 | | 58 | | 13.0 |
| 13625003 | 13678 | 1/4 | | .2500 | 1/4 | | 2 | | 3/8 | |
| 13625004 | 13679 | 1/4 | | .2500 | 1/4 | | 2 | | 1/2 | |
| 13625005 | 13680 | 1/4 | | .2500 | 1/4 | | 2-1/2 | | 5/8 | |
| 13625000 | 13640 | 1/4 | | .2500 | 1/4 | | 2-1/2 | | 3/4 | |
| 13625006 | 13681 | 1/4 | | .2500 | 1/4 | | 2-1/2 | | 1 | |
| 13625007 | 13682 | 1/4 | | .2500 | 1/4 | | 3 | | 1-1/2 | |
| 13625001 | 13648 | 1/4 | | .2500 | 1/4 | | 3-1/16 | | 1-1/4 | |
| 13625002 | 13649 | 1/4 | | .2500 | 1/4 | | 3-9/16 | | 1-3/4 | |
| 13625008 | 13683 | 1/4 | | .2500 | 1/4 | | 4 | | 2 | |
| 13631253 | 13684 | 5/16 | | .3125 | 5/16 | | 2 | | 7/16 | |
| 13631250 | 13651 | 5/16 | | .3125 | 5/16 | | 2 | | 1/2 | |
| 13631254 | 13685 | 5/16 | | .3125 | 5/16 | | 2-1/2 | | 13/16 | |
| 13631252 | 13653 | 5/16 | | .3125 | 5/16 | | 3-1/4 | | 1-3/4 | |
| 13631251 | 13652 | 5/16 | | .3125 | 5/16 | | 3-1/8 | | 1-3/8 | |
| 13631500 | 13615 | | 8.0 | .3150 | | 8.0 | | 64 | | 19.0 |
| 13637503 | 13686 | 3/8 | | .3750 | 3/8 | | 2 | | 1/2 | |
| 13637504 | 13687 | 3/8 | | .3750 | 3/8 | | 2 | | 5/8 | |
| 13637500 | 13645 | 3/8 | | .3750 | 3/8 | | 2-1/2 | | 3/4 | |
| 13637505 | 13688 | 3/8 | | .3750 | 3/8 | | 2-1/2 | | 1 | |
| 13637506 | 13689 | 3/8 | | .3750 | 3/8 | | 3 | | 1-1/4 | |

| Inch | |
|------------|---------------|
| D1 | Tolerance |
| 1/8 - 1/4 | +0.000/-0.002 |
| >1/4 - 1.0 | +0.000/-0.003 |

| Metric (mm) | |
|----------------|-----------------|
| D1 | Tolerance (h10) |
| 3.00 | +0.000/-0.040 |
| >3.00 - 6.00 | +0.000/-0.048 |
| >6.00 - 10.00 | +0.000/-0.058 |
| >10.00 - 18.00 | +0.000/-0.070 |
| >18.00 - 20.00 | +0.000/-0.084 |

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TuffCut® AL

HIGH PERFORMANCE

