



L. T. D. CUTTING INNOVATIONS, LLC
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HIGH SPEED STEEL TOOL SERVICE

Single End Complete Sharpening

Tool Diameter	O.D. Grind 1-4 Flute	O.D. Grind 5+ Flute	Rougher Flute Grind 1- 4 Flute	Rougher Flute Grind 5+ Flute	Cut Off & Re-End 1-4 Flute	Cut Off & Re-End 5+ Flute
1/4- 1/2"	\$7.77	\$12.61	\$12.79	-	\$9.75	\$14.16
9/16" - 3/4"	\$12.12	\$14.52	\$15.75	\$21.36	\$14.10	\$15.79
13/16" x 1"	\$12.83	\$16.46	\$17.74	\$28.51	\$14.81	\$16.91
1-1/16" x 1-1/2"	\$28.08	\$32.36	\$36.98	\$57.88	\$27.86	\$33.11
1-9/16" - 2"	\$31.98	\$36.63	\$53.20	\$86.86	\$34.65	\$37.95

* O.D. GRIND & ROUGHER COST INCLUDES TOUCHING OFF ENDS. ON RARE OCCASIONS WHEN NEW END IS NECESSARY ADDITION COST WILL BE INCLUDED

End Only Sharpening

Tool Diameter	OD Grind 1-4 Flute	OD Grind 5+ Flute
1/4" x 1/2"	\$6.77	\$11.68
9/16" - 3/4"	\$11.11	\$13.33
13/16" - 1"	\$11.76	\$15.32
1-1/16" - 1-1/16"	\$21.05	\$26.95
1-9/16" - 2"	\$26.84	\$34.13

Double End Complete Sharpening

Tool Diameter	OD Grind 1 - 4 Flute	OD Grind 5+ Flute
1/4" - 1/2"	\$14.04	\$23.80
9/16" - 3/4"	\$20.59	\$25.80
13/16 - 1"	\$22.17	\$28.29

ADDITIONAL SERVICES AND COST:

Shank Reduction	\$5.50 per 1/4" increment
Radius	add \$2.2 per flute
Ball End	add \$2.64 per flute
Chamfer	add \$2 per flute
2" Shank Tools	Double base price

www.ltdcuttinginnovations.com