



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"	\$7.06	\$11.46	\$11.63	-	\$8.86	\$12.88
9/16" - 3/4"	\$11.02	\$13.20	\$14.32	\$19.24	\$12.82	\$14.35
13/16" x 1"	\$11.66	\$14.96	\$16.13	\$25.92	\$13.46	\$15.37
1-1/16" x 1-1/2"	\$23.53	\$29.42	\$33.62	\$52.62	\$25.33	\$30.10
1-9/16" - 2"	\$29.70	\$33.30	\$48.36	\$78.96	\$31.50	\$34.50

* 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"	\$6.16	\$10.62
9/16" - 3/4"	\$10.10	\$12.12
13/16" - 1"	\$10.69	\$13.93
1-1/16" - 1-1/16"	\$19.14	\$24.50
1-9/16" - 2"	\$24.60	\$31.03

Double End Complete Sharpening

Tool Diameter	OD Grind 1 - 4 Flute	OD Grind 5+ Flute
1/4" - 1/2"	\$12.76	\$21.64
9/16" - 3/4"	\$18.72	\$23.45
13/16" - 1"	\$20.15	\$25.27

ADDITIONAL SERVICES AND COST:

Shank Reduction	\$5 per 1/4" increment
Radius	add 20% to base price
Ball End	add 20% to base price
Chamfer	add 20% to base price
Over 3" LOC & 2" Shank	add 20% to base price
2" Shank Tools	Double base price

www.ltdcuttinginnovations.com