

ANTHE
MACHINE WORKS

COVINGTON
KENTUCKY

A N T H E



WOODWORKING
CUTTERS

CARVING MACHINE

CUTTERS

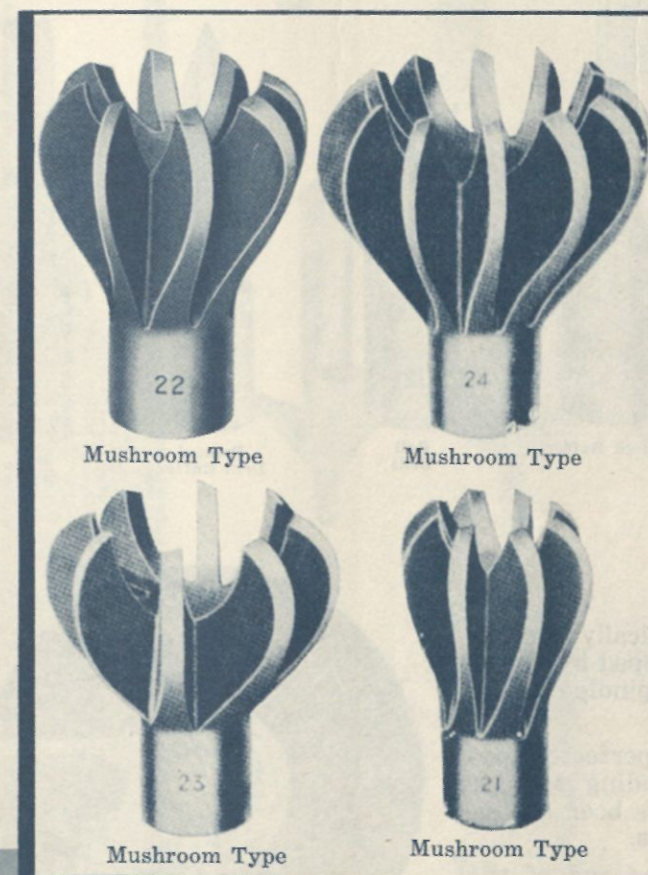
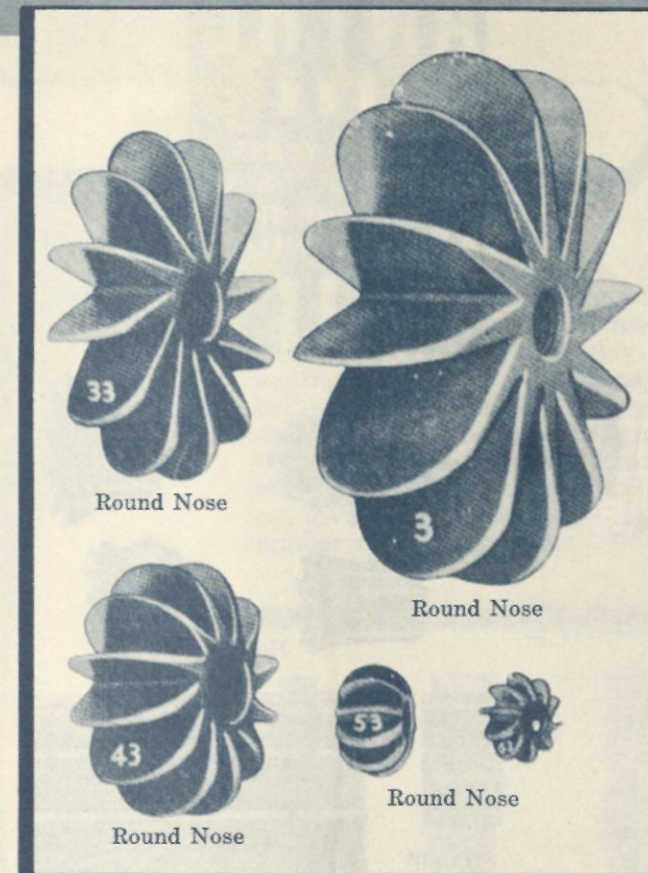
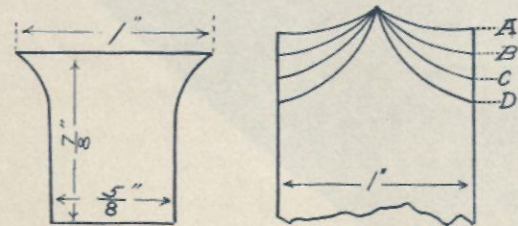
Anthe Carving Machine Cutters are deep-milled, absolutely perfect in balance, made of carbon or high speed steel tempered to hold their edge under long and strenuous service.

Illustrated on these pages are but a few of the more common forms of Anthe Spindle Carving Machine Cutters. Specialists in producing cutters to any design and shape to the most exacting of spindle requirements, Anthe designers and technicians will give immediate attention to the sketches and specifications you provide.

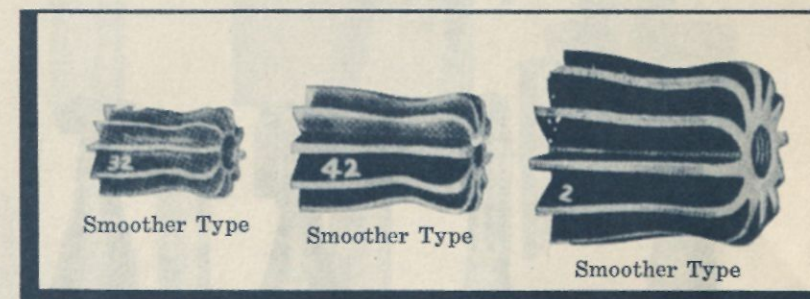
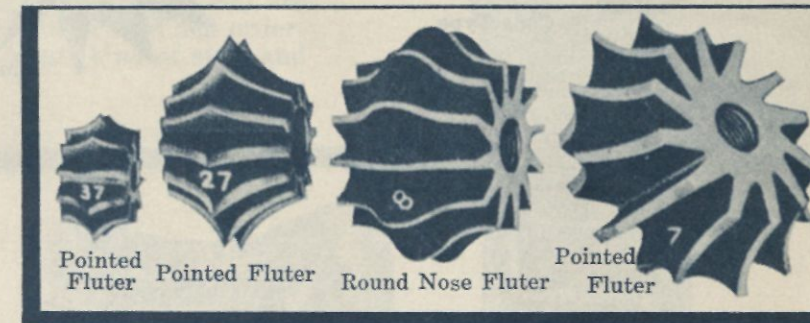
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50 YEARS OF DOING ONE THING WELL

INSTRUCTIONS FOR ORDERING

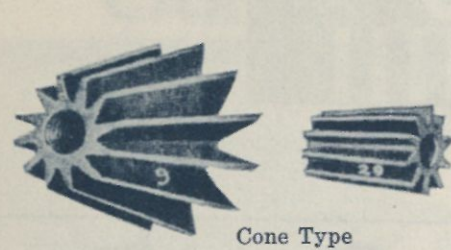
- Order all standard cutters by numbers shown on illustrations. Give exact size of cutters. Always indicate diameter, then the thickness.
- State size and number of threads to the inch for bore desired. Our standards are $\frac{9}{16}$ -20, $\frac{3}{8}$ -24, and $\frac{3}{16}$ -24 threads. If in doubt, send a sample cutter for thread size.
- When ordering Nos. 2, 5, 9 and 10 Cutters, give large and small diameters, as well as the thickness. On Nos. 7 and 8 give sweep as illustrated: A-B-C-D. Specify on Nos. 1, 2, 9 and 10 which side screws up against shoulder of spindle.
- When ordering ball drills or ruffers, give diameter and length desired.
- On Mushroom Types, give inside and outside diameters, also number of cutting edges desired.



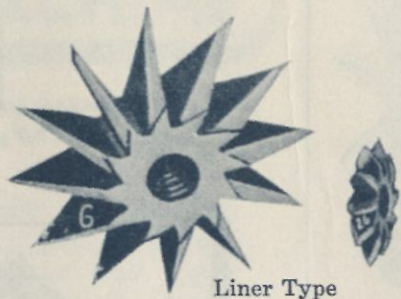
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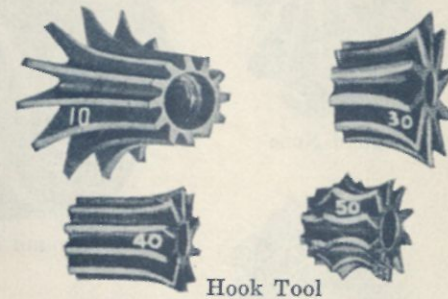
CARVING CUTTERS



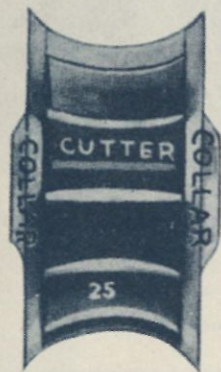
Cone Type



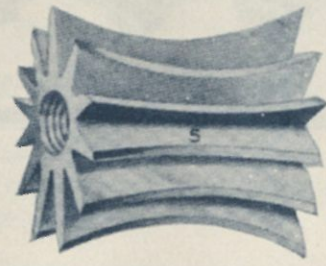
Liner Type



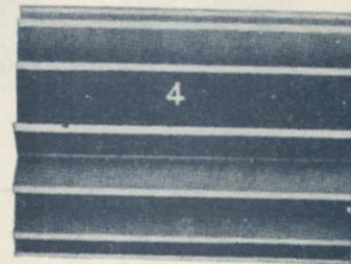
Hook Tool



Concave



Straight Face



Extension Point



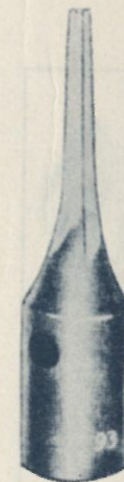
Round Nose Ruffer



Solid Extension with Straight Face Cutter Attached



Solid Extension with R. N. Cutter Attached



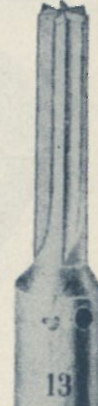
Tapered Ruffer



Ball Drill



Pointed Drill Ruffer



Plain Ruffer

EMERY WHEEL & CHUCK

This emery wheel, manufactured specifically for our use, adheres to rigid specifications developed by Anthe for efficiently and accurately grinding spindle carving cutters.

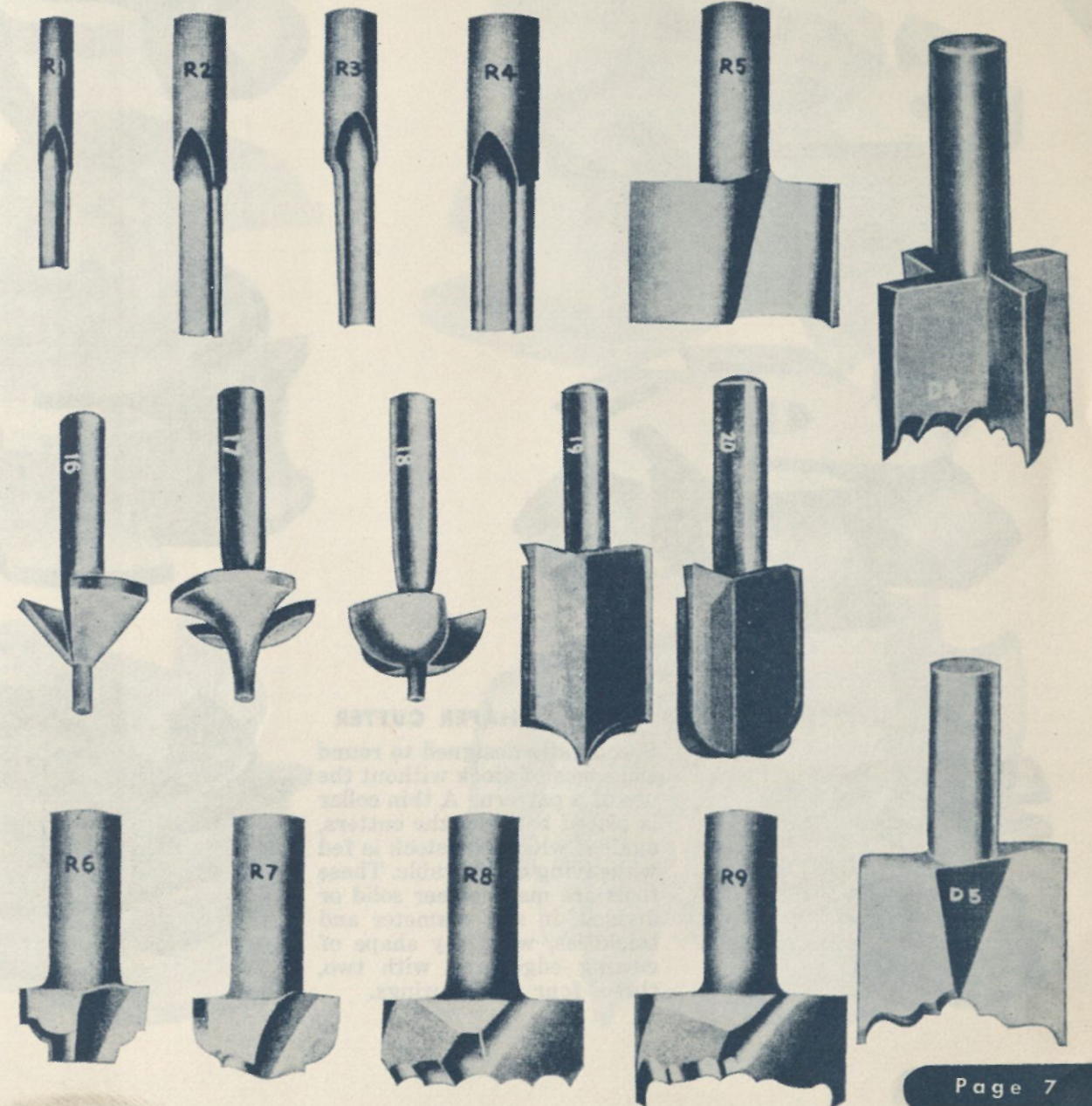
The Anthe Emery Chuck, designed and perfected particularly for holding emery wheels in grinding machine cutters and small woodworking tools, has been enthusiastically endorsed by hundreds of users.

This short chuck, made to screw on the end of the carving machine spindle, holds many advantages over the long and cumbersome chucks usually offered. Use on wheels with 1/2" hole and from 1/8" to 1/2" thickness. Can be made in any size.



ROUTING CUTTERS

Anthe Routing Cutters are precision made of the same quality high speed or carbon steel, carbide tipped if desired, with 1, 2, 3, or 4 cutting edges. Router, Rosette, Rounder and Cove Cutters are quickly and accurately produced according to your specifications, drawings or sample molds, for any make of machine or type of operation. Form Cutter clearances are machined for uniformity and perfect balance. All cutters have guaranteed accurate cutting edges and are tempered to insure maximum life and service. When ordering, give diameter of cutter, size of shank, kind of steel and number of cutting edges desired.



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HOW TO ORDER SHAPER CUTTERS

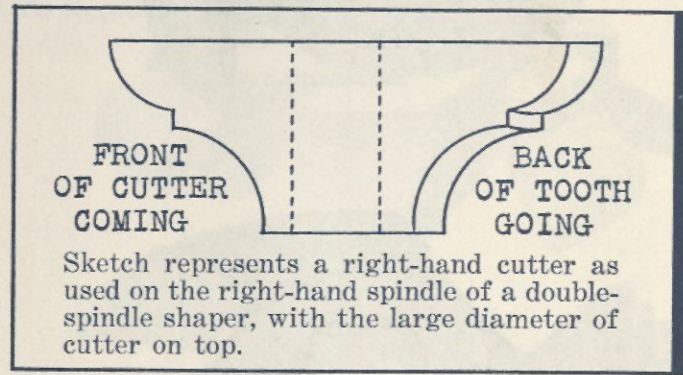
Specify the following when ordering Anthe Solid Shaper Cutters:

1. A sample of the mold.
2. Diameter of cutter.
3. Thickness of cutter.
4. Diameter of hole.
5. Rotation of cutter.
6. Grade of steel.

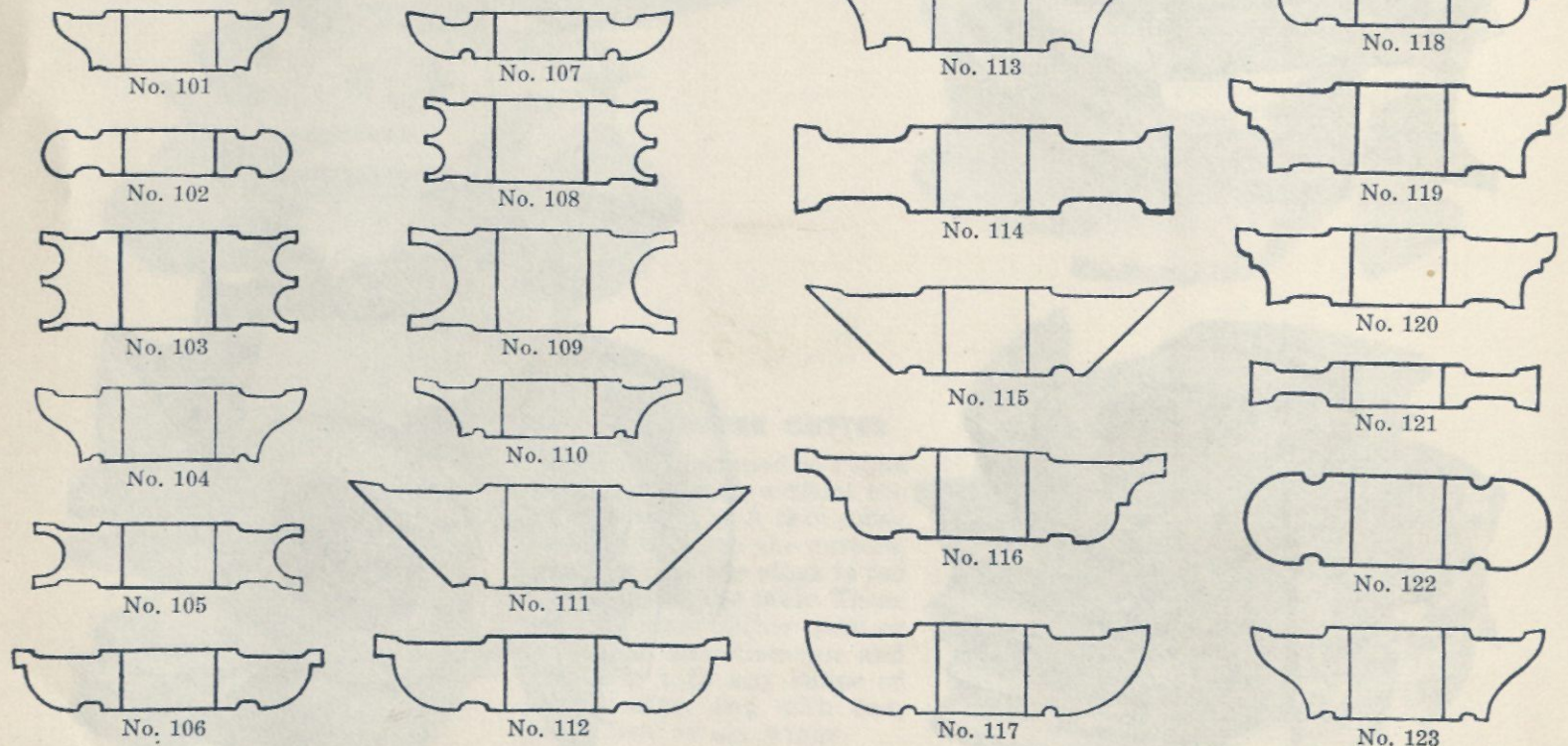
Submitting sketches and sample blocks with orders is your best assurance of avoiding errors and having your orders processed in minimum time. A sketch, even though crude, tells more than many words.

Sample:

Outline a sketch of the cutter wanted, somewhat as illustrated, indicating the front and back side of the tooth. You unmistakably identify which direction cutter should run. This eliminates any misinterpretation that is possible when "right hand," "left hand," "clockwise," etc. are indicated.



SMALL SHAPER CUTTERS

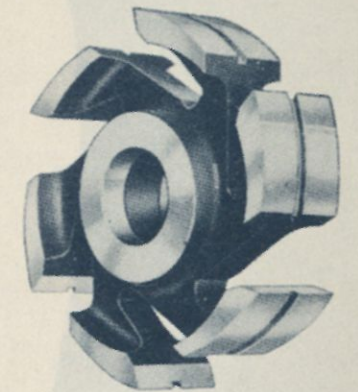
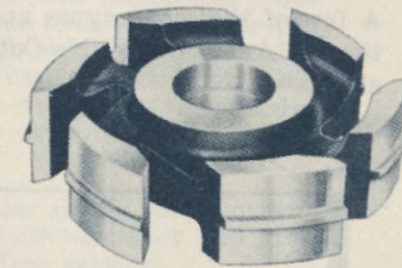
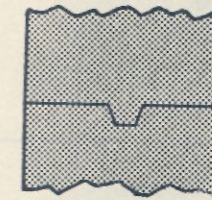


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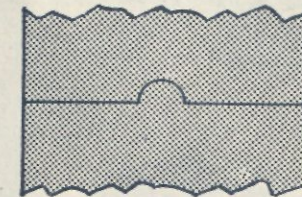
SOLID STEEL GLUE JOINT CUTTERS

The absolute simplicity and dependability of these cutters insure unparalleled control, speed, ease and economy of operation . . . uniformly perfect work at record low cost. Anthe Solid Steel Cutters never vary in cutting shape, even to the last grinding. Available in all sizes, for all types of glue joints and for all makes of jointers. Specify diameter and thickness, sizes of holes and whether carbon or high speed steel, carbide tipped if desired. Whenever indicated, give make of jointer and submit sample joint or detail sketch.

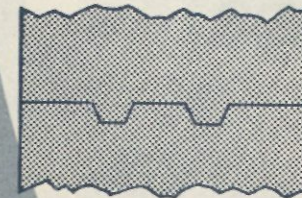
Illustrated: Standard Single Tongue and Groove Cutters with sketch of joint produced.



SEND US YOUR GLUE JOINT PROBLEMS



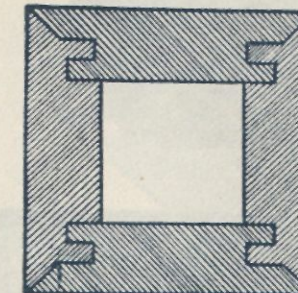
Sketches on several common types of glue joints are shown in order to indicate the pattern possibilities of Anthe Solid Steel Glue Joint Cutters.



Whatever your requirement — single or multiple joints on one cutting, round or straight in any size or any other application peculiar to your need — it can be met without difficulty or delay. Depend on us for complete cooperation in matching your specifications or offering suggestions as requested.



For square posts and angle-wise joints in hexagon and octagon columns, our Glue Joint Cutters can produce necessary mitre locking joints which insure fine workmanship and the necessary strength in the finished product.



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SPECIAL CUTTERS

REMEMBER . . . we can supply any type of solid woodworking cutter, no matter how unusual the design or exacting the requirement. It is impossible, of course, to illustrate or even mention every classification in this catalog. Your inquiries on special cutters will be welcomed.

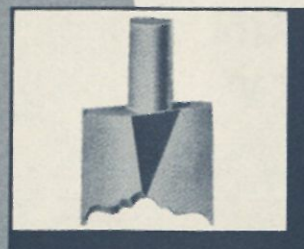
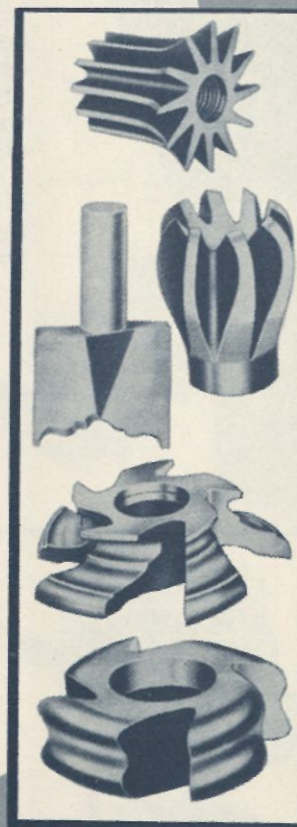
Send us your drawings and specifications for price quotations

We will happily cooperate with you in establishing cost estimates, offer recommendations on designs, types of steel to use, and working procedures that may help you to a more efficient cutting operation.

Lowest Prices for Guaranteed Quality

Controlled production practices, complete modern mechanical facilities, and long experience in the preparation of cutting tools enables us to produce both simple and complex orders at lowest cost. You pay no premium for the superiority of Anthe Cutters.

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Anthe Machine Works, through constant application of its combined technical and manufacturing skill, has satisfactorily produced cutters to the specifications and designs of the woodworking industry.

Close adherence to design, formation, grinding, heat treating, tempering, finishing, and diligence to detail have enabled Anthe to produce the highest quality, most accurate cutters possible.

