## Cutting Tools

## Woodruff Keyseat Cutters High Speed Steel

## Straight Tooth



Single Angle

## Dovetail Cutters

High Speed Steel


5 Pieces Dovetail Cutter Sets Sets consist of 1 each: $3 / 8,1 / 2,3 / 4,1-3 / 8$ \& $1-7 / 8^{\prime \prime}$ Complete with stand
$45^{\circ}$ Model No.: DC45s-5 $60^{\circ}$ Model No.: DC60S-5


## T-Slot Cutters

eatures:
sed primarily for milling $T$-slots in tables and beds of machine tools and similar applications. A vertical slot must be cut first, so the neck and shank can enter the cut.
Straight Shank


7 Pieces T-Slot Cutter Sets
Sets consist of 1 each:
$1 / 4,5116,3 / 8,1 / 12,5 / 8,3 / 4$ and $1 "$ $14,5 / 16,3 / 8,1 / 2,5 / 8,3 / 4$ and
Comes complete with wood stand

Model No.: cTSS.



10 Piece Keyseat Cutter Set High Speed Steel

Set Consists of 1 Each: Set Consists of 1 Each:
WKC-204,305,403,404,406,50
$606,608,806,808$.

Model No::wKCs-10

Fly Cutter Heads \& Sets Corner Rounding
Made of durable hardened steel

- Utilizes standard tool bits

Counter balanced
Cuts flat \& smooth surface with a single cut


NEW HSS Keyway Broach Sets
HSS keyway broach sets are used to cut keyways in gears, pullys, etc. using a shop arbor press. Sets include all necessary shims.


00 Precision sets
Model: KBS-9 Model: KBS-9 Cuts 15 different ke
keyways \& bores. Consists of 3 broaches ( $1 / 16^{\prime \prime} \mathrm{A}, 3 / 32^{\prime \prime} \mathrm{A}$, (A,1/4,5/16 collared bushings

No. 60 Keyway Se Model:KBMS-6
The most common metric keyway combination
for small keyways and bores collared bushings= 6 keyway combinations. - Keyway sizes: 2 mm \& 3 mm - Broach style: A
Bushing diameters (bore sizes) Bushing diameters


No.10-10A Combination Sets Model:KBS-27
Cuts 36 different keyways.
Consists of 4 broaches ( $1188^{\prime B}, 3116^{\prime \prime} B, 1 / 44^{\prime \prime} \mathrm{C}$, $3 / 8^{\prime \prime} C$ ) and these 18 collared bushings: $B$, $1 / 22^{\prime \prime}, 9 / 16^{\prime \prime}, 5 / 8^{\prime \prime}, 11 / 16^{\prime \prime}, 3 / 4^{\prime \prime}, 13 / 16,7 / 8$,and C 15/16,1" 1 ,-1/1/1" $1,1-1 / 8^{" 1}, 1-3 / 16,1-1 / 4,1-5 / 16$,

No. 80 Standard Sets Model: KBMS-21 Uuts 36 different keyway. Consists of 3 broaches (D-1 10 mm , $12 \mathrm{~mm}, 14 \mathrm{~mm}$ ) and 112 plain bushings
( $\mathrm{D}-132 \mathrm{~mm}, 34 \mathrm{~mm}, 35 \mathrm{~mm}, 36 \mathrm{~mm}, 38 \mathrm{~mm}$, (D-1 $32 \mathrm{~mm}, 34 \mathrm{~mm}, 35 \mathrm{~mm}, 36 \mathrm{~mm}, 38 \mathrm{~mm}$ $40 \mathrm{~mm}, 42 \mathrm{~mm}, 44 \mathrm{~mm}, 45 \mathrm{~mm}, 46 \mathrm{~mm}$,
48 mm \& 50 mm . Plain bushings only

## Annular Cutters - High Speed Steel - Eliminates multi-step drilling. . - Mower cost per hole. . Better finishing. Morate and clear holes. . Longer tool life.



