



**MOON**  
**Cutter Co., Inc.**



**The Leader in Milling Cutters,  
Keyseat Cutters, and Saws**

*- Made by Skilled Americans -*

*In Loving Memory*  
*Our Founder and Our Father*  
**Charlie D. Moon**  
1927-2003



*A SKILLED CRAFTSMEN THAT GROUND THE SHARP CORNERS ON THE INDUSTRY  
BY SETTING THE STANDARD OF QUALITY MILLING CUTTERS FOR GENERATIONS TO COME.*

When Charlie D. Moon founded the Moon Cutter Co., Inc. in 1957, he envisioned a company that would ensure satisfaction through four basic qualities: competitive prices, speedy delivery, strong customer relations through superior customer service, and engineering the highest quality of milling cutters available. Almost fifty years later, it is still these qualities which have enabled our company to grow successfully for three generations and continue to be your **Leader in Milling Cutters, Keyseat Cutters and Saws.**

The entire Moon family is dedicated to working hard every day to ensure that the long family tradition of service and quality is upheld and the ideology of our father carries over in every aspect of our production. We thank you for your support and consideration. If there is anything we can do for your next cutting tool project please feel free to call and ask for a MOON family expert.

Whether you need a standard tool, alterations to standard tools, or a full blueprint special, our total in-house capabilities will assure you the highest quality tools at the best price, delivered fast and with the personal attention your projects deserve.

# Terms and Conditions

**Sales Policy:** as active members of the Industrial Supply Manufacturers Association (ISMA), we support the value-added services of our partners in industrial distribution. Our products are exclusively sold through selected, authorized industrial distributors who meet our high standards of business ethics and customer service capabilities.



**Payment Terms and Prices:** net 30 days. Accounts in arrears are subject to both shipment hold and production hold. Prices for special tools are subject to quoting after 30 days; catalog prices are subject to change without notice. C.O.D. shipments are sent by U.P.S. and C.O.D. Payments are cash, certified check, money order or MC/VISA.

**Cancellations:** cancellation of orders for "standard catalog product" can be made at no charge providing the tools have not been shipped and we have not incurred labor expenses to finish a specific size or altered standard markings or packaging. A cancellation fee will be charged in proportion to the amount of the cost accumulated on the order prior to cancellation.

**Shipping Terms:** freight is F.O.B. shipping point. Ground and air shipments ship United Parcel Service unless otherwise specified.



**Customer Alterations:** Moon Cutter Co., Inc. cannot be responsible for the performance of, or compliance with, specifications, nor can we accept for return, any tool that has been altered in any way by our customers. This includes: surface treatments, coatings, flats, tangs, markings, or any geometric alterations. Any tools altered are non-returnable and voids all warranties.

**Over or Undershipments:** unless your order specifies "no overshipments," Moon Cutter Co., Inc. policy follows standard industry practice on altered standard and special orders, which is to start +10% over the quantity ordered. We will ship and bill the quantity completed, which could be as much as 10% over or 10% under the quantity ordered. On quantities from one piece to nine pieces, our standard shipping tolerance is plus or minus one piece. Orders for special tooling that specify "no over and no under shipments" (exact quantities) are subject to a premium charge.

**Product Warranty:** we guarantee our products will conform to the dimensions listed on customer blueprints, orders, and quotation requests. Dimensions, specifications, and tolerances not listed will be furnished to the current United States Cutting Tool Institute manufacturing standards. Our warranty is limited to repair, replacement, or full credit for the tools found not to be within specifications, at our option.



**Returned Goods:** all returned goods must have a "returned goods authorization number" (RGA). Contact our customer service department to obtain a returned goods authorization number (RGA) prior to returning any material. To ensure proper credit, all returned products must be in clean, resalable condition and in the original packaging. We cannot accept any product that has been discontinued or in quantities that are unusually large as compared to Moon's average sales for any particular item. **Note:** special tools are not returnable.

# Photo Index

## Side Milling Cutters



Straight Tooth.....6-8



Full Radius.....21



Staggered Tooth.....9-11



Full Radius.....21

## Cobalt Side Milling Cutters



Straight Tooth.....12



Full Radius.....21



Staggered Tooth.....12



Full Radius.....21

## Shell End Mills



General Purpose.....13



Aluminum.....13



Cobalt.....13

## Carbide Tipped Side Milling Cutters



For Cast Iron.....14



For Non-Ferrous.....14



For Steel.....15

## Concave Radius Milling Cutters



H.S.S. and Cobalt.....25

## Convex Radius Milling Cutters



H.S.S. and Cobalt.....25

Carbide Tipped.....25

## High Speed Steel (H.S.S.) Combined Drills



and Countersinks

.....15

## Corner Rounding End Mills



H.S.S. and Cobalt.....16

## T-Slot Cutters



H.S.S. and Cobalt.....17



Carbide Tipped.....16

## Extended Shank T-Slot Cutters

H.S.S. and Cobalt.....17

## Dovetail Cutters



H.S.S. and Cobalt.....18



Carbide Tipped.....18

# Photo Index

## Face Angle Chamfer Milling Cutters



H.S.S. and Cobalt ..... 18

## Double Angle Cutters



H.S.S. and Carbide Tipped..... 19

## Chamfer Tools



H.S.S. and Carbide Tipped..... 19

## Angle Milling Cutters



Single Angle..... 20



Double Angle..... 20

## Woodruff Keyseat Cutters



### Large Diameter

H.S.S. and Cobalt ..... 25



### American Standard – straight and staggered

H.S.S. and Cobalt ..... 22



Carbide Tipped ..... 22

Solid Carbide..... 22



### Full Radius

H.S.S. and Cobalt ..... 24



### Narrow Width

H.S.S. and Cobalt ..... 23



Arbor Type ..... 26

## Plain Milling Cutters



Light Duty ..... 27



Heavy Duty ..... 27

## Half Side Milling Cutters



Right Hand ..... 28



Left Hand ..... 28

## Metal Slitting Saws



Straight Tooth ..... 29



Full Radius..... 21



Staggered Tooth ..... 30



Concave Sides ..... 31

## Cobalt Slitting Saws



Straight Tooth ..... 32



Staggered Tooth..... 32

Feeds & Speeds ..... 35

# Side Milling Cutters



**CORNER RADIUS-ALTERED WIDTH  
ALL TOOLS IN THIS CATALOG  
CAN BE ALTERED AND SHIPPED  
IN LESS THAN 48 HOURS**

For Cobalt see page 12.  
Full Radius see page 21.

## Straight Tooth

All cutters with the same amount of teeth can be interlocked by specifying "A" or "B" cutters and grinding the hubs.

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">SM2187</a>	2	3/16	5/8	14
<a href="#">SM2250</a>	2	1/4	5/8	14
<a href="#">SM2375</a>	2	3/8	5/8	14
<a href="#">SM25250</a>	2-1/2	1/4	7/8	18
<a href="#">SM25312</a>	2-1/2	5/16	7/8	18
<a href="#">SM25375</a>	2-1/2	3/8	7/8	18
<a href="#">SM25500</a>	2-1/2	1/2	7/8	18
<a href="#">SM3187</a>	3	3/16	1	20
<a href="#">SM3187-1</a>	3	3/16	1-1/4	20
<a href="#">SM3218</a>	3	7/32	1	20
<a href="#">SM3218-1</a>	3	7/32	1-1/4	20
<a href="#">SM3250</a>	3	1/4	1	20
<a href="#">SM3250-1</a>	3	1/4	1-1/4	20
<a href="#">SM3281</a>	3	9/32	1	20
<a href="#">SM3281-1</a>	3	9/32	1-1/4	20
<a href="#">SM3312</a>	3	5/16	1	20
<a href="#">SM3312-1</a>	3	5/16	1-1/4	20
<a href="#">SM3343</a>	3	11/32	1	20
<a href="#">SM3343-1</a>	3	11/32	1-1/4	20
<a href="#">SM3375</a>	3	3/8	1	20
<a href="#">SM3375-1</a>	3	3/8	1-1/4	20
<a href="#">SM3406</a>	3	13/32	1	20
<a href="#">SM3406-1</a>	3	13/32	1-1/4	20
<a href="#">SM3437</a>	3	7/16	1	20
<a href="#">SM3437-1</a>	3	7/16	1-1/4	20
<a href="#">SM3500</a>	3	1/2	1	20
<a href="#">SM3500-1</a>	3	1/2	1-1/4	20
<a href="#">SM3562</a>	3	9/16	1	20
<a href="#">SM3562-1</a>	3	9/16	1-1/4	20
<a href="#">SM3625</a>	3	5/8	1	20
<a href="#">SM3625-1</a>	3	5/8	1-1/4	20
<a href="#">SM3687</a>	3	11/16	1	20

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">SM3687-1</a>	3	11/16	1-1/4	20
<a href="#">SM3750</a>	3	3/4	1	20
<a href="#">SM3750-1</a>	3	3/4	1-1/4	20
<a href="#">SM3812</a>	3	13/16	1	20
<a href="#">SM3812-1</a>	3	13/16	1-1/4	20
<a href="#">SM3875</a>	3	7/8	1	20
<a href="#">SM3875-1</a>	3	7/8	1-1/4	20
<a href="#">SM3937</a>	3	15/16	1	20
<a href="#">SM3937-1</a>	3	15/16	1-1/4	20
<a href="#">SM3100</a>	3	1	1	20
<a href="#">SM3100-1</a>	3	1	1-1/4	20
<a href="#">SM35187-20T</a>	3-1/2	3/16	1	20
<a href="#">SM35187-24T</a>	3-1/2	3/16	1	24
<a href="#">SM35187-1-20T</a>	3-1/2	3/16	1-1/4	20
<a href="#">SM35187-1-24T</a>	3-1/2	3/16	1-1/4	24
<a href="#">SM35218-24T</a>	3-1/2	7/32	1	24
<a href="#">SM35218-1-24T</a>	3-1/2	7/32	1-1/4	24
<a href="#">SM35250-20T</a>	3-1/2	1/4	1	20
<a href="#">SM35250-24T</a>	3-1/2	1/4	1	24
<a href="#">SM35250-1-20T</a>	3-1/2	1/4	1-1/4	20
<a href="#">SM35250-1-24T</a>	3-1/2	1/4	1-1/4	24
<a href="#">SM35281-1-24T</a>	3-1/2	9/32	1-1/4	24
<a href="#">SM35312-20T</a>	3-1/2	5/16	1	20
<a href="#">SM35312-24T</a>	3-1/2	5/16	1	24
<a href="#">SM35312-1-20T</a>	3-1/2	5/16	1-1/4	20
<a href="#">SM35312-1-24T</a>	3-1/2	5/16	1-1/4	24
<a href="#">SM35343-24T</a>	3-1/2	11/32	1	24
<a href="#">SM35343-1-20T</a>	3-1/2	11/32	1-1/4	20
<a href="#">SM35343-1-24T</a>	3-1/2	11/32	1-1/4	24
<a href="#">SM35375-20T</a>	3-1/2	3/8	1	20
<a href="#">SM35375-24T</a>	3-1/2	3/8	1	24
<a href="#">SM35375-1-20T</a>	3-1/2	3/8	1-1/4	20
<a href="#">SM35375-1-24T</a>	3-1/2	3/8	1-1/4	24
<a href="#">SM35406-20T</a>	3-1/2	13/32	1	20
<a href="#">SM35406-24T</a>	3-1/2	13/32	1	24
<a href="#">SM35406-1-20T</a>	3-1/2	13/32	1-1/4	20
<a href="#">SM35406-1-24T</a>	3-1/2	13/32	1-1/4	24
<a href="#">SM35437-20T</a>	3-1/2	7/16	1	20
<a href="#">SM35437-24T</a>	3-1/2	7/16	1	24
<a href="#">SM35437-1-20T</a>	3-1/2	7/16	1-1/4	20
<a href="#">SM35437-1-24T</a>	3-1/2	7/16	1-1/4	24
<a href="#">SM35500-20T</a>	3-1/2	1/2	1	20
<a href="#">SM35500-24T</a>	3-1/2	1/2	1	24
<a href="#">SM35500-1-20T</a>	3-1/2	1/2	1-1/4	20
<a href="#">SM35500-1-24T</a>	3-1/2	1/2	1-1/4	24
<a href="#">SM35562-20T</a>	3-1/2	9/16	1	20
<a href="#">SM35562-24T</a>	3-1/2	9/16	1	24
<a href="#">SM35562-1-20T</a>	3-1/2	9/16	1-1/4	20
<a href="#">SM35562-1-24T</a>	3-1/2	9/16	1-1/4	24
<a href="#">SM35625-20T</a>	3-1/2	5/8	1	20
<a href="#">SM35625-24T</a>	3-1/2	5/8	1	24
<a href="#">SM35625-1-20T</a>	3-1/2	5/8	1-1/4	20
<a href="#">SM35625-1-24T</a>	3-1/2	5/8	1-1/4	24
<a href="#">SM35687-20T</a>	3-1/2	11/16	1	20
<a href="#">SM35687-24T</a>	3-1/2	11/16	1	24
<a href="#">SM35687-1-20T</a>	3-1/2	11/16	1-1/4	20
<a href="#">SM35687-1-24T</a>	3-1/2	11/16	1-1/4	24
<a href="#">SM35750-20T</a>	3-1/2	3/4	1	20

# Side Milling Cutters

## Straight Tooth (continued)

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">SM35750-24T</a>	3-1/2	3/4	1	24
<a href="#">SM35750-1-20T</a>	3-1/2	3/4	1-1/4	20
<a href="#">SM35750-1-24T</a>	3-1/2	3/4	1-1/4	24
<a href="#">SM35812-20T</a>	3-1/2	13/16	1	20
<a href="#">SM35812-24T</a>	3-1/2	13/16	1	24
<a href="#">SM35812-1-20T</a>	3-1/2	13/16	1-1/4	20
<a href="#">SM35812-1-24T</a>	3-1/2	13/16	1-1/4	24
<a href="#">SM35875-20T</a>	3-1/2	7/8	1	20
<a href="#">SM35875-24T</a>	3-1/2	7/8	1	24
<a href="#">SM35875-1-20T</a>	3-1/2	7/8	1-1/4	20
<a href="#">SM35875-1-24T</a>	3-1/2	7/8	1-1/4	24
<a href="#">SM35937-20T</a>	3-1/2	15/16	1	20
<a href="#">SM35937-24T</a>	3-1/2	15/16	1	24
<a href="#">SM35937-1-20T</a>	3-1/2	15/16	1-1/4	20
<a href="#">SM35937-1-24T</a>	3-1/2	15/16	1-1/4	24
<a href="#">SM35100-20T</a>	3-1/2	1	1	20
<a href="#">SM35100-24T</a>	3-1/2	1	1	24
<a href="#">SM35100-1-20T</a>	3-1/2	1	1-1/4	20
<a href="#">SM35100-1-24T</a>	3-1/2	1	1-1/4	24
<a href="#">SM4187</a>	4	3/16	1	24
<a href="#">SM4187-1</a>	4	3/16	1-1/4	24
<a href="#">SM4218</a>	4	7/32	1	24
<a href="#">SM4218-1</a>	4	7/32	1-1/4	24
<a href="#">SM4250</a>	4	1/4	1	24
<a href="#">SM4250-1</a>	4	1/4	1-1/4	24
<a href="#">SM4281</a>	4	9/32	1	24
<a href="#">SM4281-1</a>	4	9/32	1-1/4	24
<a href="#">SM4312</a>	4	5/16	1	24
<a href="#">SM4312-1</a>	4	5/16	1-1/4	24
<a href="#">SM4343</a>	4	11/32	1	24
<a href="#">SM4343-1</a>	4	11/32	1-1/4	24
<a href="#">SM4375</a>	4	3/8	1	24
<a href="#">SM4375-1</a>	4	3/8	1-1/4	24
<a href="#">SM4406</a>	4	13/32	1	24
<a href="#">SM4406-1</a>	4	13/32	1-1/4	24
<a href="#">SM4437</a>	4	7/16	1	24
<a href="#">SM4437-1</a>	4	7/16	1-1/4	24
<a href="#">SM4500</a>	4	1/2	1	24
<a href="#">SM4500-1</a>	4	1/2	1-1/4	24
<a href="#">SM4562</a>	4	9/16	1	24
<a href="#">SM4562-1</a>	4	9/16	1-1/4	24
<a href="#">SM4625</a>	4	5/8	1	24
<a href="#">SM4625-1</a>	4	5/8	1-1/4	24
<a href="#">SM4687</a>	4	11/16	1	24
<a href="#">SM4687-1</a>	4	11/16	1-1/4	24
<a href="#">SM4750</a>	4	3/4	1	24
<a href="#">SM4750-1</a>	4	3/4	1-1/4	24
<a href="#">SM4812</a>	4	13/16	1	24
<a href="#">SM4812-1</a>	4	13/16	1-1/4	24
<a href="#">SM4875</a>	4	7/8	1	24
<a href="#">SM4875-1</a>	4	7/8	1-1/4	24
<a href="#">SM4937</a>	4	15/16	1	24
<a href="#">SM4937-1</a>	4	15/16	1-1/4	24
<a href="#">SM4100</a>	4	1	1	24
<a href="#">SM4100-1</a>	4	1	1-1/4	24
<a href="#">SM45187</a>	4-1/2	3/16	1	24

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">SM45187-1</a>	4-1/2	3/16	1-1/4	24
<a href="#">SM45218</a>	4-1/2	7/32	1	24
<a href="#">SM45218-1</a>	4-1/2	7/32	1-1/4	24
<a href="#">SM45250</a>	4-1/2	1/4	1	24
<a href="#">SM45250-1</a>	4-1/2	1/4	1-1/4	24
<a href="#">SM45281</a>	4-1/2	9/32	1	24
<a href="#">SM45281-1</a>	4-1/2	9/32	1-1/4	24
<a href="#">SM45312</a>	4-1/2	5/16	1	24
<a href="#">SM45312-1</a>	4-1/2	5/16	1-1/4	24
<a href="#">SM45343</a>	4-1/2	11/32	1	24
<a href="#">SM45343-1</a>	4-1/2	11/32	1-1/4	24
<a href="#">SM45375</a>	4-1/2	3/8	1	24
<a href="#">SM45375-1</a>	4-1/2	3/8	1-1/4	24
<a href="#">SM45406</a>	4-1/2	13/32	1	24
<a href="#">SM45406-1</a>	4-1/2	13/32	1-1/4	24
<a href="#">SM45437</a>	4-1/2	7/16	1	24
<a href="#">SM45437-1</a>	4-1/2	7/16	1-1/4	24
<a href="#">SM45500</a>	4-1/2	1/2	1	24
<a href="#">SM45500-1</a>	4-1/2	1/2	1-1/4	24
<a href="#">SM45562</a>	4-1/2	9/16	1	24
<a href="#">SM45562-1</a>	4-1/2	9/16	1-1/4	24
<a href="#">SM45625</a>	4-1/2	5/8	1	24
<a href="#">SM45625-1</a>	4-1/2	5/8	1-1/4	24
<a href="#">SM45687</a>	4-1/2	11/16	1	24
<a href="#">SM45687-1</a>	4-1/2	11/16	1-1/4	24
<a href="#">SM45750</a>	4-1/2	3/4	1	24
<a href="#">SM45750-1</a>	4-1/2	3/4	1-1/4	24
<a href="#">SM45812</a>	4-1/2	13/16	1	24
<a href="#">SM45812-1</a>	4-1/2	13/16	1-1/4	24
<a href="#">SM45875</a>	4-1/2	7/8	1	24
<a href="#">SM45875-1</a>	4-1/2	7/8	1-1/4	24
<a href="#">SM45937</a>	4-1/2	15/16	1	24
<a href="#">SM45937-1</a>	4-1/2	15/16	1-1/4	24
<a href="#">SM45100</a>	4-1/2	1	1	24
<a href="#">SM45100-1</a>	4-1/2	1	1-1/4	24
<a href="#">SM5187</a>	5	3/16	1	24
<a href="#">SM5187-1</a>	5	3/16	1-1/4	24
<a href="#">SM5218</a>	5	7/32	1	24
<a href="#">SM5218-1</a>	5	7/32	1-1/4	24
<a href="#">SM5250</a>	5	1/4	1	24
<a href="#">SM5250-1</a>	5	1/4	1-1/4	24
<a href="#">SM5281</a>	5	9/32	1	24
<a href="#">SM5281-1</a>	5	9/32	1-1/4	24
<a href="#">SM5312</a>	5	5/16	1	24
<a href="#">SM5312-1</a>	5	5/16	1-1/4	24
<a href="#">SM5343</a>	5	11/32	1	24
<a href="#">SM5343-1</a>	5	11/32	1-1/4	24
<a href="#">SM5375</a>	5	3/8	1	24
<a href="#">SM5375-1</a>	5	3/8	1-1/4	24
<a href="#">SM5406</a>	5	13/32	1	24
<a href="#">SM5406-1</a>	5	13/32	1-1/4	24
<a href="#">SM5437</a>	5	7/16	1	24
<a href="#">SM5437-1</a>	5	7/16	1-1/4	24
<a href="#">SM5500</a>	5	1/2	1	24
<a href="#">SM5500-1</a>	5	1/2	1-1/4	24
<a href="#">SM5562</a>	5	9/16	1	24
<a href="#">SM5562-1</a>	5	9/16	1-1/4	24
<a href="#">SM5625</a>	5	5/8	1	24

# Side Milling Cutters

## Straight Tooth (continued)

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">SM5625-1</a>	5	5/8	1-1/4	24
<a href="#">SM5687</a>	5	11/16	1	24
<a href="#">SM5687-1</a>	5	11/16	1-1/4	24
<a href="#">SM5750</a>	5	3/4	1	24
<a href="#">SM5750-1</a>	5	3/4	1-1/4	24
<a href="#">SM5812</a>	5	13/16	1	24
<a href="#">SM5812-1</a>	5	13/16	1-1/4	24
<a href="#">SM5875</a>	5	7/8	1	24
<a href="#">SM5875-1</a>	5	7/8	1-1/4	24
<a href="#">SM5937</a>	5	15/16	1	24
<a href="#">SM5937-1</a>	5	15/16	1-1/4	24
<a href="#">SM5100</a>	5	1	1	24
<a href="#">SM5100-1</a>	5	1	1-1/4	24
<a href="#">SM55187-24T</a>	5-1/2	3/16	1	24
<a href="#">SM55187-28T</a>	5-1/2	3/16	1	28
<a href="#">SM55187-1-24T</a>	5-1/2	3/16	1-1/4	24
<a href="#">SM55187-1-28T</a>	5-1/2	3/16	1-1/4	28
<a href="#">SM55250-24T</a>	5-1/2	1/4	1	24
<a href="#">SM55250-28T</a>	5-1/2	1/4	1	28
<a href="#">SM55250-1-24T</a>	5-1/2	1/4	1-1/4	24
<a href="#">SM55250-1-28T</a>	5-1/2	1/4	1-1/4	28
<a href="#">SM55312-24T</a>	5-1/2	5/16	1	24
<a href="#">SM55312-28T</a>	5-1/2	5/16	1	28
<a href="#">SM55312-1-24T</a>	5-1/2	5/16	1-1/4	24
<a href="#">SM55312-1-28T</a>	5-1/2	5/16	1-1/4	28
<a href="#">SM55375-24T</a>	5-1/2	3/8	1	24
<a href="#">SM55375-28T</a>	5-1/2	3/8	1	28
<a href="#">SM55375-1-24T</a>	5-1/2	3/8	1-1/4	24
<a href="#">SM55375-1-28T</a>	5-1/2	3/8	1-1/4	28
<a href="#">SM55437-24T</a>	5-1/2	7/16	1	24
<a href="#">SM55437-28T</a>	5-1/2	7/16	1	28
<a href="#">SM55437-1-24T</a>	5-1/2	7/16	1-1/4	24
<a href="#">SM55437-1-28T</a>	5-1/2	7/16	1-1/4	28
<a href="#">SM55500-24T</a>	5-1/2	1/2	1	24
<a href="#">SM55500-28T</a>	5-1/2	1/2	1	28
<a href="#">SM55500-1-24T</a>	5-1/2	1/2	1-1/4	24
<a href="#">SM55500-1-28T</a>	5-1/2	1/2	1-1/4	28
<a href="#">SM55562-24T</a>	5-1/2	9/16	1	24
<a href="#">SM55562-28T</a>	5-1/2	9/16	1	28
<a href="#">SM55562-1-24T</a>	5-1/2	9/16	1-1/4	24
<a href="#">SM55562-1-28T</a>	5-1/2	9/16	1-1/4	28
<a href="#">SM55625-24T</a>	5-1/2	5/8	1	24
<a href="#">SM55625-28T</a>	5-1/2	5/8	1	28
<a href="#">SM55625-1-24T</a>	5-1/2	5/8	1-1/4	24
<a href="#">SM55625-1-28T</a>	5-1/2	5/8	1-1/4	28
<a href="#">SM55687-24T</a>	5-1/2	11/16	1	24
<a href="#">SM55687-28T</a>	5-1/2	11/16	1	28
<a href="#">SM55687-1-24T</a>	5-1/2	11/16	1-1/4	24
<a href="#">SM55687-1-28T</a>	5-1/2	11/16	1-1/4	28
<a href="#">SM55750-24T</a>	5-1/2	3/4	1	24
<a href="#">SM55750-28T</a>	5-1/2	3/4	1	28
<a href="#">SM55750-1-24T</a>	5-1/2	3/4	1-1/4	24
<a href="#">SM55750-1-28T</a>	5-1/2	3/4	1-1/4	28
<a href="#">SM55812-24T</a>	5-1/2	13/16	1	24
<a href="#">SM55812-28T</a>	5-1/2	13/16	1	28
<a href="#">SM58812-1-24T</a>	5-1/2	13/16	1-1/4	24
<a href="#">SM55812-1-28T</a>	5-1/2	13/16	1-1/4	28

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">SM55875-24T</a>	5-1/2	7/8	1	24
<a href="#">SM55875-28T</a>	5-1/2	7/8	1	28
<a href="#">SM55875-1-24T</a>	5-1/2	7/8	1-1/4	24
<a href="#">SM55875-1-28T</a>	5-1/2	7/8	1-1/4	28
<a href="#">SM55937-24T</a>	5-1/2	15/16	1	24
<a href="#">SM55937-28T</a>	5-1/2	15/16	1	28
<a href="#">SM55937-1-24T</a>	5-1/2	15/16	1-1/4	24
<a href="#">SM55937-1-28T</a>	5-1/2	15/16	1-1/4	28
<a href="#">SM55100-24T</a>	5-1/2	1	1	24
<a href="#">SM55100-28T</a>	5-1/2	1	1	28
<a href="#">SM55100-1-24T</a>	5-1/2	1	1-1/4	24
<a href="#">SM55100-1-28T</a>	5-1/2	1	1-1/4	28
<a href="#">SM6187</a>	6	3/16	1	28
<a href="#">SM6187-1</a>	6	3/16	1-1/4	28
<a href="#">SM6218</a>	6	7/32	1	28
<a href="#">SM6218-1</a>	6	7/32	1-1/4	28
<a href="#">SM6250</a>	6	1/4	1	28
<a href="#">SM6250-1</a>	6	1/4	1-1/4	28
<a href="#">SM6281</a>	6	9/32	1	28
<a href="#">SM6281-1</a>	6	9/32	1-1/4	28
<a href="#">SM6312</a>	6	5/16	1	28
<a href="#">SM6312-1</a>	6	5/16	1-1/4	28
<a href="#">SM6343</a>	6	11/32	1	28
<a href="#">SM6343-1</a>	6	11/32	1-1/4	28
<a href="#">SM6375</a>	6	3/8	1	28
<a href="#">SM6375-1</a>	6	3/8	1-1/4	28
<a href="#">SM6406</a>	6	13/32	1	28
<a href="#">SM6406-1</a>	6	13/32	1-1/4	28
<a href="#">SM6437</a>	6	7/16	1	28
<a href="#">SM6437-1</a>	6	7/16	1-1/4	28
<a href="#">SM6500</a>	6	1/2	1	28
<a href="#">SM6500-1</a>	6	1/2	1-1/4	28
<a href="#">SM6562</a>	6	9/16	1	28
<a href="#">SM6562-1</a>	6	9/16	1-1/4	28
<a href="#">SM6625</a>	6	5/8	1	28
<a href="#">SM6625-1</a>	6	5/8	1-1/4	28
<a href="#">SM6687</a>	6	11/16	1	28
<a href="#">SM6687-1</a>	6	11/16	1-1/4	28
<a href="#">SM6750</a>	6	3/4	1	28
<a href="#">SM6750-1</a>	6	3/4	1-1/4	28
<a href="#">SM6812</a>	6	13/16	1	28
<a href="#">SM6812-1</a>	6	13/16	1-1/4	28
<a href="#">SM6875</a>	6	7/8	1	28
<a href="#">SM6875-1</a>	6	7/8	1-1/4	28
<a href="#">SM6937</a>	6	15/16	1	28
<a href="#">SM6937-1</a>	6	15/16	1-1/4	28
<a href="#">SM6100</a>	6	1	1	28
<a href="#">SM6100-1</a>	6	1	1-1/4	28
<a href="#">SM7500-1</a>	7	1/2	1-1/4	28
<a href="#">SM7625-1</a>	7	5/8	1-1/4	28
<a href="#">SM7750-1</a>	7	3/4	1-1/4	28
<a href="#">SM7100-1</a>	7	1	1-1/4	28
<a href="#">SM8312-1</a>	8	5/16	1-1/4	34
<a href="#">SM8375-1</a>	8	3/8	1-1/4	34
<a href="#">SM8500-1</a>	8	1/2	1-1/4	34
<a href="#">SM8750-1</a>	8	3/4	1-1/4	34
<a href="#">SM8750-2</a>	8	3/4	1-1/2	34
<a href="#">SM8100-1</a>	8	1	1-1/4	34



# Side Milling Cutters

CORNER RADIUS-ALTERED WIDTH  
ALL TOOLS IN THIS CATALOG  
CAN BE ALTERED AND SHIPPED  
IN LESS THAN 48 HOURS

## Staggered Tooth

Please specify the number of teeth desired when ordering these cutters. All Staggered Tooth Cutters with the same amount of teeth can be interlocked by grinding hubs.



For cobalt see page 12. Full Radius see page 21.

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">STM25250</a>	2-1/2	1/4	7/8	16
<a href="#">STM25312</a>	2-1/2	5/16	7/8	16
<a href="#">STM25375</a>	2-1/2	3/8	7/8	16
<a href="#">STM25500</a>	2-1/2	1/2	7/8	16
<a href="#">STM3187</a>	3	3/16	1	18
<a href="#">STM3187-1</a>	3	3/16	1-1/4	18
<a href="#">STM3218</a>	3	7/32	1	18
<a href="#">STM3218-1</a>	3	7/32	1-1/4	18
<a href="#">STM3250</a>	3	1/4	1	18
<a href="#">STM3250-1</a>	3	1/4	1-1/4	18
<a href="#">STM3281</a>	3	9/32	1	18
<a href="#">STM3281-1</a>	3	9/32	1-1/4	18
<a href="#">STM3312</a>	3	5/16	1	18
<a href="#">STM3312-1</a>	3	5/16	1-1/4	18
<a href="#">STM3343</a>	3	11/32	1	18
<a href="#">STM3343-1</a>	3	11/32	1-1/4	18
<a href="#">STM3375</a>	3	3/8	1	18
<a href="#">STM3375-1</a>	3	3/8	1-1/4	18
<a href="#">STM3406</a>	3	13/32	1	18
<a href="#">STM3406-1</a>	3	13/32	1-1/4	18
<a href="#">STM3437</a>	3	7/16	1	18
<a href="#">STM3437-1</a>	3	7/16	1-1/4	18
<a href="#">STM3500</a>	3	1/2	1	18
<a href="#">STM3500-1</a>	3	1/2	1-1/4	18
<a href="#">STM3562</a>	3	9/16	1	18
<a href="#">STM3562-1</a>	3	9/16	1-1/4	18
<a href="#">STM3625</a>	3	5/8	1	18
<a href="#">STM3625-1</a>	3	5/8	1-1/4	18
<a href="#">STM3687</a>	3	11/16	1	18
<a href="#">STM3687-1</a>	3	11/16	1-1/4	18
<a href="#">STM3750</a>	3	3/4	1	18
<a href="#">STM3750-1</a>	3	3/4	1-1/4	18
<a href="#">STM3812</a>	3	13/16	1	18
<a href="#">STM3812-1</a>	3	13/16	1-1/4	18
<a href="#">STM3875</a>	3	7/8	1	18
<a href="#">STM3875-1</a>	3	7/8	1-1/4	18

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">STM3937</a>	3	15/16	1	18
<a href="#">STM3937-1</a>	3	15/16	1-1/4	18
<a href="#">STM3100</a>	3	1	1	18
<a href="#">STM3100-1</a>	3	1	1-1/4	18
<a href="#">STM31250</a>	3	1-1/4	1	18
<a href="#">STM31250-1</a>	3	1-1/4	1-1/4	18
<a href="#">STM35218</a>	3-1/2	7/32	1	18
<a href="#">STM35218-1</a>	3-1/2	7/32	1-1/4	18
<a href="#">STM35250</a>	3-1/2	1/4	1	18
<a href="#">STM35250-1</a>	3-1/2	1/4	1-1/4	18
<a href="#">STM35281</a>	3-1/2	9/32	1	18
<a href="#">STM35281-1</a>	3-1/2	9/32	1-1/4	18
<a href="#">STM35312</a>	3-1/2	5/16	1	18
<a href="#">STM35312-1</a>	3-1/2	5/16	1-1/4	18
<a href="#">STM35343</a>	3-1/2	11/32	1	18
<a href="#">STM35343-1</a>	3-1/2	11/32	1-1/4	18
<a href="#">STM35375</a>	3-1/2	3/8	1	18
<a href="#">STM35375-1</a>	3-1/2	3/8	1-1/4	18
<a href="#">STM35406</a>	3-1/2	13/32	1	18
<a href="#">STM35406-1</a>	3-1/2	13/32	1-1/4	18
<a href="#">STM35437</a>	3-1/2	7/16	1	18
<a href="#">STM35437-1</a>	3-1/2	7/16	1-1/4	18
<a href="#">STM35500</a>	3-1/2	1/2	1	18
<a href="#">STM35500-1</a>	3-1/2	1/2	1-1/4	18
<a href="#">STM35562</a>	3-1/2	9/16	1	18
<a href="#">STM35562-1</a>	3-1/2	9/16	1-1/4	18
<a href="#">STM35625</a>	3-1/2	5/8	1	18
<a href="#">STM35625-1</a>	3-1/2	5/8	1-1/4	18
<a href="#">STM35687</a>	3-1/2	11/16	1	18
<a href="#">STM35687-1</a>	3-1/2	11/16	1-1/4	18
<a href="#">STM35750</a>	3-1/2	3/4	1	18
<a href="#">STM35750-1</a>	3-1/2	3/4	1-1/4	18
<a href="#">STM35812</a>	3-1/2	13/16	1	18
<a href="#">STM35812-1</a>	3-1/2	13/16	1-1/4	18

# Side Milling Cutters

## Staggered Tooth (continued)

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">STM35875</a>	3-1/2	7/8	1	18
<a href="#">STM35875-1</a>	3-1/2	7/8	1-1/4	18
<a href="#">STM35937</a>	3-1/2	15/16	1	18
<a href="#">STM35937-1</a>	3-1/2	15/16	1-1/4	18
<a href="#">STM35100</a>	3-1/2	1	1	18
<a href="#">STM35100-1</a>	3-1/2	1	1-1/4	18
<a href="#">STM4187</a>	4	3/16	1	18
<a href="#">STM4187-1</a>	4	3/16	1-1/4	18
<a href="#">STM4218</a>	4	7/32	1	18
<a href="#">STM4218-1</a>	4	7/32	1-1/4	18
<a href="#">STM4250</a>	4	1/4	1	18
<a href="#">STM4250-1</a>	4	1/4	1-1/4	18
<a href="#">STM4281</a>	4	9/32	1	18
<a href="#">STM4281-1</a>	4	9/32	1-1/4	18
<a href="#">STM4312</a>	4	5/16	1	18
<a href="#">STM4312-1</a>	4	5/16	1-1/4	18
<a href="#">STM4343</a>	4	11/32	1	18
<a href="#">STM4343-1</a>	4	11/32	1-1/4	18
<a href="#">STM4375</a>	4	3/8	1	18
<a href="#">STM4375-1</a>	4	3/8	1-1/4	18
<a href="#">STM4406</a>	4	13/32	1	18
<a href="#">STM4406-1</a>	4	13/32	1-1/4	18
<a href="#">STM4437</a>	4	7/16	1	18
<a href="#">STM4437-1</a>	4	7/16	1-1/4	18
<a href="#">STM4500</a>	4	1/2	1	18
<a href="#">STM4500-1</a>	4	1/2	1-1/4	18
<a href="#">STM4531</a>	4	17/32	1	18
<a href="#">STM4562</a>	4	9/16	1	18
<a href="#">STM4562-1</a>	4	9/16	1-1/4	18
<a href="#">STM4625</a>	4	5/8	1	18
<a href="#">STM4625-1</a>	4	5/8	1-1/4	18
<a href="#">STM4687</a>	4	11/16	1	18
<a href="#">STM4687-1</a>	4	11/16	1-1/4	18
<a href="#">STM4750</a>	4	3/4	1	18
<a href="#">STM4750-1</a>	4	3/4	1-1/4	18
<a href="#">STM4812</a>	4	13/16	1	18
<a href="#">STM4812-1</a>	4	13/16	1-1/4	18
<a href="#">STM4875</a>	4	7/8	1	18
<a href="#">STM4875-1</a>	4	7/8	1-1/4	18
<a href="#">STM4937</a>	4	15/16	1	18
<a href="#">STM4937-1</a>	4	15/16	1-1/4	18
<a href="#">STM4100</a>	4	1	1	18
<a href="#">STM4100-1</a>	4	1	1-1/4	18
<a href="#">STM41125-1</a>	4	1-1/8	1-1/4	18
<a href="#">STM41187-1</a>	4	1-3/16	1-1/4	18
<a href="#">STM41250-1</a>	4	1-1/4	1-1/4	18
<a href="#">STM41375-1</a>	4	1-3/8	1-1/4	18
<a href="#">STM41500-1</a>	4	1-1/2	1-1/4	18
<a href="#">STM45218-18T</a>	4-1/2	7/32	1	18
<a href="#">STM45218-24T</a>	4-1/2	7/32	1	24
<a href="#">STM45218-1-18T</a>	4-1/2	7/32	1-1/4	18
<a href="#">STM45218-1-24T</a>	4-1/2	7/32	1-1/4	24
<a href="#">STM45250-18T</a>	4-1/2	1/4	1	18
<a href="#">STM45250-24T</a>	4-1/2	1/4	1	24
<a href="#">STM45250-1-18T</a>	4-1/2	1/4	1-1/4	18
<a href="#">STM45250-1-24T</a>	4-1/2	1/4	1-1/4	24

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">STM45312-18T</a>	4-1/2	5/16	1	18
<a href="#">STM45312-24T</a>	4-1/2	5/16	1	24
<a href="#">STM45312-1-18T</a>	4-1/2	5/16	1-1/4	18
<a href="#">STM45312-1-24T</a>	4-1/2	5/16	1-1/4	24
<a href="#">STM45375-18T</a>	4-1/2	3/8	1	18
<a href="#">STM45375-24T</a>	4-1/2	3/8	1	24
<a href="#">STM45375-1-18T</a>	4-1/2	3/8	1-1/4	18
<a href="#">STM45375-1-24T</a>	4-1/2	3/8	1-1/4	24
<a href="#">STM45500-18T</a>	4-1/2	1/2	1	18
<a href="#">STM45500-24T</a>	4-1/2	1/2	1	24
<a href="#">STM45500-1-18T</a>	4-1/2	1/2	1-1/4	18
<a href="#">STM45500-1-24T</a>	4-1/2	1/2	1-1/4	24
<a href="#">STM45625-18T</a>	4-1/2	5/8	1	18
<a href="#">STM45625-24T</a>	4-1/2	5/8	1	24
<a href="#">STM45625-1-18T</a>	4-1/2	5/8	1-1/4	18
<a href="#">STM45625-1-24T</a>	4-1/2	5/8	1-1/4	24
<a href="#">STM45687-1-24T</a>	4-1/2	11/16	1-1/4	24
<a href="#">STM45750-18T</a>	4-1/2	3/4	1	18
<a href="#">STM45750-24T</a>	4-1/2	3/4	1	24
<a href="#">STM45750-1-18T</a>	4-1/2	3/4	1-1/4	18
<a href="#">STM45750-1-24T</a>	4-1/2	3/4	1-1/4	24
<a href="#">STM45875-18T</a>	4-1/2	7/8	1	18
<a href="#">STM45875-24T</a>	4-1/2	7/8	1	24
<a href="#">STM45875-1-18T</a>	4-1/2	7/8	1-1/4	18
<a href="#">STM45875-1-24T</a>	4-1/2	7/8	1-1/4	24
<a href="#">STM45100-18T</a>	4-1/2	1	1	18
<a href="#">STM45100-24T</a>	4-1/2	1	1	24
<a href="#">STM45100-1-18T</a>	4-1/2	1	1-1/4	18
<a href="#">STM45100-1-24T</a>	4-1/2	1	1-1/4	24
<a href="#">STM451250-18T</a>	4-1/2	1-1/4	1	18
<a href="#">STM451250-24T</a>	4-1/2	1-1/4	1	24
<a href="#">STM451250-1-18T</a>	4-1/2	1-1/4	1-1/4	18
<a href="#">STM451250-1-24T</a>	4-1/2	1-1/4	1-1/4	24
<a href="#">STM5187</a>	5	3/16	1	24
<a href="#">STM5218</a>	5	7/32	1	24
<a href="#">STM5218-1</a>	5	7/32	1-1/4	24
<a href="#">STM5250</a>	5	1/4	1	24
<a href="#">STM5250-1</a>	5	1/4	1-1/4	24
<a href="#">STM5281</a>	5	9/32	1	24
<a href="#">STM5281-1</a>	5	9/32	1-1/4	24
<a href="#">STM5312</a>	5	5/16	1	24
<a href="#">STM5312-1</a>	5	5/16	1-1/4	24
<a href="#">STM5343</a>	5	11/32	1	24
<a href="#">STM5343-1</a>	5	11/32	1-1/4	24
<a href="#">STM5375</a>	5	3/8	1	24
<a href="#">STM5375-1</a>	5	3/8	1-1/4	24
<a href="#">STM5406</a>	5	13/32	1	24
<a href="#">STM5406-1</a>	5	13/32	1-1/4	24
<a href="#">STM5437</a>	5	7/16	1	24
<a href="#">STM5437-1</a>	5	7/16	1-1/4	24
<a href="#">STM5468</a>	5	15/32	1	24
<a href="#">STM5468-1</a>	5	15/32	1-1/4	24
<a href="#">STM5500</a>	5	1/2	1	24
<a href="#">STM5500-1</a>	5	1/2	1-1/4	24
<a href="#">STM5531-1</a>	5	17/32	1-1/4	24
<a href="#">STM5562</a>	5	9/16	1	24
<a href="#">STM5562-1</a>	5	9/16	1-1/4	24

# Side Milling Cutters

## Staggered Tooth (continued)

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">STM5593-1</a>	5	19/32	1-1/4	24
<a href="#">STM5625</a>	5	5/8	1	24
<a href="#">STM5625-1</a>	5	5/8	1-1/4	24
<a href="#">STM5687</a>	5	11/16	1	24
<a href="#">STM5687-1</a>	5	11/16	1-1/4	24
<a href="#">STM5750</a>	5	3/4	1	24
<a href="#">STM5750-1</a>	5	3/4	1-1/4	24
<a href="#">STM5812</a>	5	13/16	1	24
<a href="#">STM5812-1</a>	5	13/16	1-1/4	24
<a href="#">STM5875</a>	5	7/8	1	24
<a href="#">STM5875-1</a>	5	7/8	1-1/4	24
<a href="#">STM5937-1</a>	5	15/16	1-1/4	24
<a href="#">STM5100</a>	5	1	1	24
<a href="#">STM5100-1</a>	5	1	1-1/4	24
<a href="#">STM51250-1</a>	5	1-1/4	1-1/4	24
<a href="#">STM51500-1</a>	5	1-1/2	1-1/4	24
<a href="#">STM5187</a>	5	3/16	1	24
<a href="#">STM55250</a>	5-1/2	1/4	1	24
<a href="#">STM55250-1</a>	5-1/2	1/4	1-1/4	24
<a href="#">STM55312</a>	5-1/2	5/16	1	24
<a href="#">STM55312-1</a>	5-1/2	5/16	1-1/4	24
<a href="#">STM55375</a>	5-1/2	3/8	1	24
<a href="#">STM55375-1</a>	5-1/2	3/8	1-1/4	24
<a href="#">STM55500</a>	5-1/2	1/2	1	24
<a href="#">STM55500-1</a>	5-1/2	1/2	1-1/4	24
<a href="#">STM55625</a>	5-1/2	5/8	1	24
<a href="#">STM55625-1</a>	5-1/2	5/8	1-1/4	24
<a href="#">STM55750</a>	5-1/2	3/4	1	24
<a href="#">STM55750-1</a>	5-1/2	3/4	1-1/4	24
<a href="#">STM55875</a>	5-1/2	7/8	1	24
<a href="#">STM55875-1</a>	5-1/2	7/8	1-1/4	24
<a href="#">STM55100</a>	5-1/2	1	1	24
<a href="#">STM55100-1</a>	5-1/2	1	1-1/4	24
<a href="#">STM551250</a>	5-1/2	1-1/4	1	24
<a href="#">STM551250-1</a>	5-1/2	1-1/4	1-1/4	24
<a href="#">STM6218</a>	6	7/32	1	24
<a href="#">STM6218-1</a>	6	7/32	1-1/4	24
<a href="#">STM6250</a>	6	1/4	1	24
<a href="#">STM6250-1</a>	6	1/4	1-1/4	24
<a href="#">STM6281</a>	6	9/32	1	24
<a href="#">STM6281-1</a>	6	9/32	1-1/4	24
<a href="#">STM6312</a>	6	5/16	1	24
<a href="#">STM6312-1</a>	6	5/16	1-1/4	24
<a href="#">STM6343</a>	6	11/32	1	24
<a href="#">STM6343-1</a>	6	11/32	1-1/4	24
<a href="#">STM6375</a>	6	3/8	1	24
<a href="#">STM6375-1</a>	6	3/8	1-1/4	24
<a href="#">STM6406</a>	6	13/32	1	24
<a href="#">STM6406-1</a>	6	13/32	1-1/4	24
<a href="#">STM6437</a>	6	7/16	1	24
<a href="#">STM6437-1</a>	6	7/16	1-1/4	24
<a href="#">STM6468</a>	6	15/32	1	24
<a href="#">STM6468-1</a>	6	15/32	1-1/4	24
<a href="#">STM6500</a>	6	1/2	1	24
<a href="#">STM6500-1</a>	6	1/2	1-1/4	24

For Cobalt  
see page 12.



CORNER RADIUS-ALTERED WIDTH  
ALL TOOLS IN THIS CATALOG  
CAN BE ALTERED AND SHIPPED  
IN LESS THAN 48 HOURS

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">STM6531-1</a>	6	17/32	1-1/4	24
<a href="#">STM6562</a>	6	9/16	1	24
<a href="#">STM6562-1</a>	6	9/16	1-1/4	24
<a href="#">STM6625</a>	6	5/8	1	24
<a href="#">STM6625-1</a>	6	5/8	1-1/4	24
<a href="#">STM6687</a>	6	11/16	1	24
<a href="#">STM6687-1</a>	6	11/16	1-1/4	24
<a href="#">STM6750</a>	6	3/4	1	24
<a href="#">STM6750-1</a>	6	3/4	1-1/4	24
<a href="#">STM6812</a>	6	13/16	1	24
<a href="#">STM6812-1</a>	6	13/16	1-1/4	24
<a href="#">STM6875</a>	6	7/8	1	24
<a href="#">STM6875-1</a>	6	7/8	1-1/4	24
<a href="#">STM6937</a>	6	15/16	1	24
<a href="#">STM6937-1</a>	6	15/16	1-1/4	24
<a href="#">STM6100</a>	6	1	1	24
<a href="#">STM6100-1</a>	6	1	1-1/4	24
<a href="#">STM61125-1</a>	6	1-1/8	1-1/4	24
<a href="#">STM61187-1</a>	6	1-3/16	1-1/4	24
<a href="#">STM61250-1</a>	6	1-1/4	1-1/4	24
<a href="#">STM7375-1</a>	7	3/8	1-1/4	24
<a href="#">STM7500-1</a>	7	1/2	1-1/4	24
<a href="#">STM7562-1</a>	7	9/16	1-1/4	24
<a href="#">STM7625-1</a>	7	5/8	1-1/4	24
<a href="#">STM7750-1</a>	7	3/4	1-1/4	24
<a href="#">STM7100-1</a>	7	1	1-1/4	24
<a href="#">STM8250-1</a>	8	1/4	1-1/4	28
<a href="#">STM8250-2</a>	8	1/4	1-1/2	28
<a href="#">STM8312-1</a>	8	5/16	1-1/4	28
<a href="#">STM8312-2</a>	8	5/16	1-1/2	28
<a href="#">STM8375-1</a>	8	3/8	1-1/4	28
<a href="#">STM8375-2</a>	8	3/8	1-1/2	28
<a href="#">STM8437-2</a>	8	7/16	1-1/2	28
<a href="#">STM8500-1</a>	8	1/2	1-1/4	28
<a href="#">STM8500-2</a>	8	1/2	1-1/2	28
<a href="#">STM8625-1</a>	8	5/8	1-1/4	28
<a href="#">STM8625-2</a>	8	5/8	1-1/2	28
<a href="#">STM8750-1</a>	8	3/4	1-1/4	28
<a href="#">STM8750-2</a>	8	3/4	1-1/2	28
<a href="#">STM8100-1</a>	8	1	1-1/4	28
<a href="#">STM8100-2</a>	8	1	1-1/2	28
<a href="#">STM81125-1</a>	8	1-1/8	1-1/4	28

# Cobalt Side Milling Cutters

See page 32 for Cobalt Slitting Saws.

## Straight Tooth

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">CSM3250</a>	3	1/4	1	20
<a href="#">CSM3312</a>	3	5/16	1	20
<a href="#">CSM3375</a>	3	3/8	1	20
<a href="#">CSM3500</a>	3	1/2	1	20
<a href="#">CSM4187</a>	4	3/16	1	24
<a href="#">CSM4218</a>	4	7/32	1	24
<a href="#">CSM4250</a>	4	1/4	1	24
<a href="#">CSM4250-1</a>	4	1/4	1-1/4	24
<a href="#">CSM4312</a>	4	5/16	1	24
<a href="#">CSM4312-1</a>	4	5/16	1-1/4	24
<a href="#">CSM4375</a>	4	3/8	1	24
<a href="#">CSM4375-1</a>	4	3/8	1-1/4	24
<a href="#">CSM4500</a>	4	1/2	1	24
<a href="#">CSM4500-1</a>	4	1/2	1-1/4	24
<a href="#">CSM4562</a>	4	9/16	1	24
<a href="#">CSM4625</a>	4	5/8	1	24
<a href="#">CSM4625-1</a>	4	5/8	1-1/4	24
<a href="#">CSM4750</a>	4	3/4	1	24
<a href="#">CSM4750-1</a>	4	3/4	1-1/4	24
<a href="#">CSM5250</a>	5	1/4	1	24
<a href="#">CSM6100-1</a>	6	1	1-1/4	28
<a href="#">CSM6250-1</a>	6	1/4	1-1/4	28
<a href="#">CSM6375-1</a>	6	3/8	1-1/4	28
<a href="#">CSM6500</a>	6	1/2	1	28
<a href="#">CSM6500-1</a>	6	1/2	1-1/4	28
<a href="#">CSM6625-1</a>	6	5/8	1-1/4	28
<a href="#">CSM6750-1</a>	6	3/4	1-1/4	28



CORNER RADIUS-ALTERED WIDTH  
ALL TOOLS IN THIS CATALOG  
CAN BE ALTERED AND SHIPPED  
IN LESS THAN 48 HOURS

## Staggered Tooth

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">CSTM3187</a>	3	3/16	1	18
<a href="#">CSTM3218</a>	3	7/32	1	18
<a href="#">CSTM3250</a>	3	1/4	1	18
<a href="#">CSTM3250-1</a>	3	1/4	1-1/4	18
<a href="#">CSTM3312</a>	3	5/16	1	18
<a href="#">CSTM3375</a>	3	3/8	1	18
<a href="#">CSTM3375-1</a>	3	3/8	1-1/4	18
<a href="#">CSTM3500</a>	3	1/2	1	18
<a href="#">CSTM3500-1</a>	3	1/2	1-1/4	18
<a href="#">CSTM4187</a>	4	3/16	1	18
<a href="#">CSTM4187-1</a>	4	3/16	1-1/4	18
<a href="#">CSTM4218</a>	4	7/32	1	18
<a href="#">CSTM4218-1</a>	4	7/32	1-1/4	18
<a href="#">CSTM4250</a>	4	1/4	1	18
<a href="#">CSTM4250-1</a>	4	1/4	1-1/4	18
<a href="#">CSTM4312</a>	4	5/16	1	18
<a href="#">CSTM4312-1</a>	4	5/16	1-1/4	18
<a href="#">CSTM4375</a>	4	3/8	1	18
<a href="#">CSTM4375-1</a>	4	3/8	1-1/4	18
<a href="#">CSTM4437-1</a>	4	7/16	1-1/4	18
<a href="#">CSTM4500-1</a>	4	1/2	1-1/4	18
<a href="#">CSTM4625-1</a>	4	5/8	1-1/4	18
<a href="#">CSTM4750-1</a>	4	3/4	1-1/4	18
<a href="#">CSTM6100-1</a>	6	1	1-1/4	24
<a href="#">CSTM6250-1</a>	6	1/4	1-1/4	24
<a href="#">CSTM6312-1</a>	6	5/16	1-1/4	24
<a href="#">CSTM6375-1</a>	6	3/8	1-1/4	24
<a href="#">CSTM6500-1</a>	6	1/2	1-1/4	24
<a href="#">CSTM6625-1</a>	6	5/8	1-1/4	28
<a href="#">CSTM6750-1</a>	6	3/4	1-1/4	24
<a href="#">CSTM6875-1</a>	6	7/8	1-1/4	24



Full Radius see page 21.

# Shell End Mills

## High Speed Steel General Purpose - Right Hand and Left Hand

General Purpose



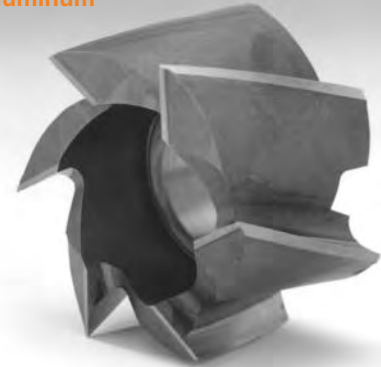
Right Hand Shown

Catalog No. Right Hand	Diam.	Width	Hole Size	No. of Teeth	Catalog No. Left Hand
<a href="#">SH1258R</a>	1-1/4	1	1/2	8	<a href="#">SH1258L</a>
<a href="#">SH158R</a>	1-1/2	1-1/8	1/2	8	<a href="#">SH158L</a>
<a href="#">SH1758R</a>	1-3/4	1-1/4	3/4	8	<a href="#">SH1758L</a>
<a href="#">SH210R</a>	2	1-3/8	3/4	10	<a href="#">SH210L</a>
<a href="#">SH22510R</a>	2-1/4	1-1/2	1	10	<a href="#">SH22510L</a>
<a href="#">SH2510R</a>	2-1/2	1-5/8	1	10	<a href="#">SH2510L</a>
<a href="#">SH27510R</a>	2-3/4	1-5/8	1	10	<a href="#">SH27510L</a>
<a href="#">SH312R</a>	3	1-3/4	1-1/4	12	<a href="#">SH312L</a>
<a href="#">SH3512R</a>	3-1/2	1-7/8	1-1/4	12	<a href="#">SH3512L</a>
<a href="#">SH414R</a>	4	2-1/4	1-1/2	14	<a href="#">SH414L</a>
<a href="#">SH4514R</a>	4-1/2	2-1/4	1-1/2	14	<a href="#">SH4514L</a>
<a href="#">SH516R</a>	5	2-1/4	1-1/2	16	<a href="#">SH516L</a>
<a href="#">SH616R</a>	6	2-1/4	2	16	<a href="#">SH616L</a>

## High Speed Steel for Cutting Aluminum - Right Hand Only

Catalog No.	Diam.	Width	Hole Size	No. of Teeth
<a href="#">ASH1254</a>	1-1/4	1	1/2	4
<a href="#">ASH1504</a>	1-1/2	1-1/8	1/2	4
<a href="#">ASH204</a>	2	1-3/8	3/4	4
<a href="#">ASH254</a>	2-1/2	1-5/8	1	4
<a href="#">ASH306</a>	3	1-3/4	1-1/4	6
<a href="#">ASH356</a>	3-1/2	1-7/8	1-1/4	6
<a href="#">ASH406</a>	4	2-1/4	1-1/2	6
<a href="#">ASH456</a>	4-1/2	2-1/4	1-1/2	6
<a href="#">ASH508</a>	5	2-1/4	1-1/2	8
<a href="#">ASH608</a>	6	2-1/4	2	8

Aluminum



## Cobalt - Right Hand Only

Catalog No.	Diam.	Width	Hole Size	No. of Teeth
<a href="#">CSH1258</a>	1-1/4	1	1/2	8
<a href="#">CSH158</a>	1-1/2	1-1/8	1/2	8
<a href="#">CSH1758</a>	1-3/4	1-1/4	3/4	8
<a href="#">CSH210</a>	2	1-3/8	3/4	10
<a href="#">CSH22510</a>	2-1/4	1-1/2	1	10
<a href="#">CSH2510</a>	2-1/2	1-5/8	1	10
<a href="#">CSH27510</a>	2-3/4	1-5/8	1	10
<a href="#">CSH312</a>	3	1-3/4	1-1/4	12
<a href="#">CSH3512</a>	3-1/2	1-7/8	1-1/4	12
<a href="#">CSH414</a>	4	2-1/4	1-1/2	14
<a href="#">CSH4514</a>	4-1/2	2-1/4	1-1/2	14
<a href="#">CSH516</a>	5	2-1/4	1-1/2	16
<a href="#">CSH616</a>	6	2-1/4	2	16

Cobalt

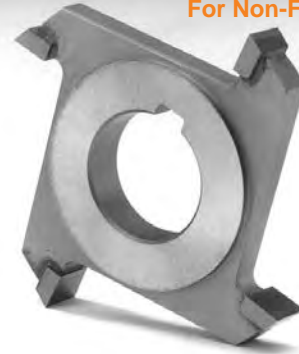


# Carbide Tipped Side Milling Cutters

For Cast Iron



For Non-Ferrous Material



## For Cast Iron

Catalog No.	Diam.	Width	Hole Size	No. of Teeth
<a href="#">CTSM3250-CL</a>	3	1/4	1	6
<a href="#">CTSM3312-CL</a>	3	5/6	1	6
<a href="#">CTSM3375-CL</a>	3	3/8	1	6
<a href="#">CTSM3437-CL</a>	3	7/16	1	6
<a href="#">CTSM3500-CL</a>	3	1/2	1	6
<a href="#">CTSM4250-CL</a>	4	1/4	1	8
<a href="#">CTSM4312-CL</a>	4	5/16	1	8
<a href="#">CTSM4375-CL</a>	4	3/8	1	8
<a href="#">CTSM4375-1-CL</a>	4	3/8	1-1/4	8
<a href="#">CTSM4437-CL</a>	4	7/16	1	8
<a href="#">CTSM4500-CL</a>	4	1/2	1	8
<a href="#">CTSM4500-1-CL</a>	4	1/2	1-1/4	8
<a href="#">CTSM4562-CL</a>	4	9/16	1	8
<a href="#">CTSM4625-CL</a>	4	5/8	1	8
<a href="#">CTSM4625-1-CL</a>	4	5/8	1-1/4	8
<a href="#">CTSM4750-CL</a>	4	3/4	1	8
<a href="#">CTSM4750-1-CL</a>	4	3/4	1-1/4	8
<a href="#">CTSM5250-CL</a>	5	1/4	1	10
<a href="#">CTSM5312-CL</a>	5	5/16	1	10
<a href="#">CTSM5375-1-CL</a>	5	3/8	1-1/4	10
<a href="#">CTSM5437-1-CL</a>	5	7/16	1-1/4	10
<a href="#">CTSM5500-CL</a>	5	1/2	1	10
<a href="#">CTSM5500-1-CL</a>	5	1/2	1-1/4	10
<a href="#">CTSM5562-1-CL</a>	5	9/16	1-1/4	10
<a href="#">CTSM5625-1-CL</a>	5	5/8	1-1/4	10
<a href="#">CTSM5750-CL</a>	5	3/4	1	10
<a href="#">CTSM5750-1-CL</a>	5	3/4	1-1/4	10
<a href="#">CTSM5100-1-CL</a>	5	1	1-1/4	10
<a href="#">CTSM6375-1-CL</a>	6	3/8	1-1/4	12
<a href="#">CTSM6500-CL</a>	6	1/2	1	12
<a href="#">CTSM6500-1-CL</a>	6	1/2	1-1/4	12
<a href="#">CTSM6625-1-CL</a>	6	5/8	1-1/4	12
<a href="#">CTSM6750-CL</a>	6	3/4	1	12
<a href="#">CTSM6750-1-CL</a>	6	3/4	1-1/4	12
<a href="#">CTSM6100-1-CL</a>	6	1	1-1/4	12
<a href="#">CTSM8750-1-CL</a>	8	3/4	1-1/4	12
<a href="#">CTSM8750-2-CL</a>	8	3/4	1-1/2	12
<a href="#">CTSM8100-1-CL</a>	8	1	1-1/4	12
<a href="#">CTSM8100-2-CL</a>	8	1	1-1/2	12

## For Non-Ferrous Material

Catalog No.	Diam.	Width	Hole Size	No. of Teeth
<a href="#">CTSM3250-NE</a>	3	1/4	1	4
<a href="#">CTSM3312-NE</a>	3	5/6	1	4
<a href="#">CTSM3375-NE</a>	3	3/8	1	4
<a href="#">CTSM3437-NE</a>	3	7/16	1	4
<a href="#">CTSM3500-NE</a>	3	1/2	1	4
<a href="#">CTSM4250-NE</a>	4	1/4	1	4
<a href="#">CTSM4312-NE</a>	4	5/16	1	4
<a href="#">CTSM4375-NE</a>	4	3/8	1	4
<a href="#">CTSM4375-1-NE</a>	4	3/8	1-1/4	4
<a href="#">CTSM4437-NE</a>	4	7/16	1	4
<a href="#">CTSM4500-NE</a>	4	1/2	1	4
<a href="#">CTSM4500-1-NE</a>	4	1/2	1-1/4	4
<a href="#">CTSM4562-NE</a>	4	9/16	1	4
<a href="#">CTSM4625-NE</a>	4	5/8	1	4
<a href="#">CTSM4625-1-NE</a>	4	5/8	1-1/4	4
<a href="#">CTSM4750-NE</a>	4	3/4	1	4
<a href="#">CTSM4750-1-NE</a>	4	3/4	1-1/4	4
<a href="#">CTSM5250-NE</a>	5	1/4	1	6
<a href="#">CTSM5312-NE</a>	5	5/16	1	6
<a href="#">CTSM5437-1-NE</a>	5	7/16	1-1/4	6
<a href="#">CTSM5500-NE</a>	5	1/2	1	6
<a href="#">CTSM5500-1-NE</a>	5	1/2	1-1/4	6
<a href="#">CTSM5562-1-NE</a>	5	9/16	1-1/4	6
<a href="#">CTSM5625-1-NF</a>	5	5/8	1-1/4	6
<a href="#">CTSM5750-NE</a>	5	3/4	1	6
<a href="#">CTSM5750-1-NE</a>	5	3/4	1-1/4	6
<a href="#">CTSM5100-1-NE</a>	5	1	1-1/4	6
<a href="#">CTSM6375-NE</a>	6	3/8	1	6
<a href="#">CTSM6375-1-NE</a>	6	3/8	1-1/4	6
<a href="#">CTSM6500-NE</a>	6	1/2	1	6
<a href="#">CTSM6500-1-NE</a>	6	1/2	1-1/4	6
<a href="#">CTSM6625-1-NE</a>	6	5/8	1-1/4	6
<a href="#">CTSM6750-NE</a>	6	3/4	1	6
<a href="#">CTSM6750-1-NE</a>	6	3/4	1-1/4	6
<a href="#">CTSM6100-1-NE</a>	6	1	1-1/4	6
<a href="#">CTSM8750-1-NE</a>	8	3/4	1-1/4	8
<a href="#">CTSM8750-2-NE</a>	8	3/4	1-1/2	8
<a href="#">CTSM8100-1-NE</a>	8	1	1-1/4	8
<a href="#">CTSM8100-2-NE</a>	8	1	1-1/2	8

# Carbide Tipped Side Milling Cutters

## For Steel

Catalog No.	Diam.	Width	Hole Size	No. of Teeth
<a href="#">CTSM3250-S</a>	3	1/4	1	6
<a href="#">CTSM3312-S</a>	3	5/6	1	6
<a href="#">CTSM3375-S</a>	3	3/8	1	6
<a href="#">CTSM3437-S</a>	3	7/16	1	6
<a href="#">CTSM3500-S</a>	3	1/2	1	6
<a href="#">CTSM4250-S</a>	4	1/4	1	8
<a href="#">CTSM4312-S</a>	4	5/16	1	8
<a href="#">CTSM4375-S</a>	4	3/8	1	8
<a href="#">CTSM4375-1-S</a>	4	3/8	1-1/4	8
<a href="#">CTSM4437-S</a>	4	7/16	1	8
<a href="#">CTSM4500-S</a>	4	1/2	1	8
<a href="#">CTSM4500-1-S</a>	4	1/2	1-1/4	8
<a href="#">CTSM4562-S</a>	4	9/16	1	8
<a href="#">CTSM4625-S</a>	4	5/8	1	8
<a href="#">CTSM4625-1-S</a>	4	5/8	1-1/4	8
<a href="#">CTSM4750-S</a>	4	3/4	1	8
<a href="#">CTSM4750-1-S</a>	4	3/4	1-1/4	8
<a href="#">CTSM5250-S</a>	5	1/4	1	10
<a href="#">CTSM5312-S</a>	5	5/16	1	10
<a href="#">CTSM5375-1-S</a>	5	3/8	1-1/4	10
<a href="#">CTSM5437-1-S</a>	5	7/16	1-1/4	10
<a href="#">CTSM5500-S</a>	5	1/2	1	10
<a href="#">CTSM5500-1-S</a>	5	1/2	1-1/4	10
<a href="#">CTSM5562-1-S</a>	5	9/16	1-1/4	10
<a href="#">CTSM5625-1-S</a>	5	5/8	1-1/4	10



Catalog No.	Diam.	Width	Hole Size	No. of Teeth
<a href="#">CTSM5750-S</a>	5	3/4	1	10
<a href="#">CTSM5750-1-S</a>	5	3/4	1-1/4	10
<a href="#">CTSM5100-1-S</a>	5	1	1-1/4	10
<a href="#">CTSM6375-1-S</a>	6	3/8	1-1/4	12
<a href="#">CTSM6500-S</a>	6	1/2	1	12
<a href="#">CTSM6500-1-S</a>	6	1/2	1-1/4	12
<a href="#">CTSM6625-1-S</a>	6	5/8	1-1/4	12
<a href="#">CTSM6750-S</a>	6	3/4	1	12
<a href="#">CTSM6750-1-S</a>	6	3/4	1-1/4	12
<a href="#">CTSM6100-1-S</a>	6	1	1-1/4	12
<a href="#">CTSM8750-1-S</a>	8	3/4	1-1/4	12
<a href="#">CTSM8750-2-S</a>	8	3/4	1-1/2	12
<a href="#">CTSM8100-1-S</a>	8	1	1-1/4	12
<a href="#">CTSM8100-2-S</a>	8	1	1-1/2	12

# H.S.S. Combined Drills and Countersinks

## H.S.S. Combined Drills and Countersinks

Catalog No.	Size	Body Diam.	Drill Diam.	Pkg. Qty.
<a href="#">CDC-0</a>	0	1/8	1/32	6
<a href="#">CDC-1</a>	1	1/8	3/64	6
<a href="#">CDC-2</a>	2	3/16	5/64	6
<a href="#">CDC-3</a>	3	1/4	7/64	6
<a href="#">CDC-4</a>	4	5/16	1/8	3
<a href="#">CDC-45</a>	4-1/2	3/8	9/64	1
<a href="#">CDC-5</a>	5	7/16	3/16	1
<a href="#">CDC-6</a>	6	1/2	7/32	1
<a href="#">CDC-7</a>	7	5/8	1/4	1
<a href="#">CDC-8</a>	8	3/4	5/16	1
<a href="#">CDC-11</a>	11	1/8	3/64	6
<a href="#">CDC-12</a>	12	3/16	1/16	6
<a href="#">CDC-13</a>	13	1/4	3/32	6
<a href="#">CDC-14</a>	14	5/16	7/64	3
<a href="#">CDC-15</a>	15	7/16	5/32	1
<a href="#">CDC-16</a>	16	1/2	3/16	1
<a href="#">CDC-17</a>	17	5/8	7/32	1
<a href="#">CDC-18</a>	18	3/4	1/4	1



# Corner Rounding End Mills

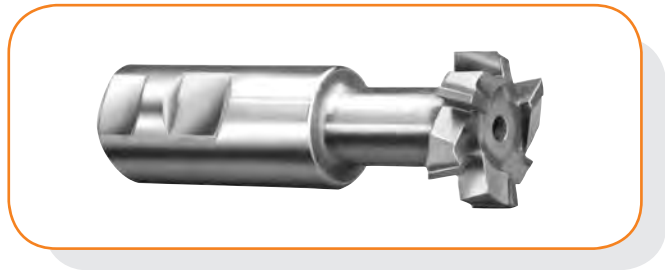


Mfg. with Std. Weldon Flats

## Corner Rounding End Mills

H.S.S.	Cobalt	Radius	Shank	Large Diam.	O.A.L.
<a href="#">CR032</a>	<a href="#">CCR032</a>	1/32	3/8	7/16	2-1/2
<a href="#">CR062</a>	<a href="#">CCR062</a>	1/16	3/8	7/16	2-1/2
<a href="#">CR093</a>	<a href="#">CCR093</a>	3/32	3/8	1/2	2-1/2
<a href="#">CR125</a>	<a href="#">CCR125</a>	1/8	1/2	5/8	3
<a href="#">CR156</a>	<a href="#">CCR156</a>	5/32	1/2	3/4	3
<a href="#">CR187</a>	<a href="#">CCR187</a>	3/16	1/2	7/8	2-15/16
<a href="#">CR187-1</a>	<a href="#">CCR187-1</a>	3/16	3/4	7/8	3-1/8
<a href="#">CR250</a>	<a href="#">CCR250</a>	1/4	1/2	1	3
<a href="#">CR250-1</a>	<a href="#">CCR250-1</a>	1/4	3/4	1	3-1/4
<a href="#">CR312</a>	<a href="#">CCR312</a>	5/16	3/4	1-1/8	3-1/4
<a href="#">CR312-1</a>	<a href="#">CCR312-1</a>	5/16	7/8	1-1/8	3-1/2
<a href="#">CR375</a>	<a href="#">CCR375</a>	3/8	3/4	1-1/4	3-1/2
<a href="#">CR375-1</a>	<a href="#">CCR375-1</a>	3/8	7/8	1-1/4	3-3/4
<a href="#">CR437</a>	<a href="#">CCR437</a>	7/16	3/4	1-3/8	3-3/4
<a href="#">CR437-1</a>	<a href="#">CCR437-1</a>	7/16	1	1-3/8	4
<a href="#">CR500</a>	<a href="#">CCR500</a>	1/2	3/4	1-1/2	3-7/8
<a href="#">CR500-1</a>	<a href="#">CCR500-1</a>	1/2	1	1-1/2	4-1/8
<a href="#">CR625</a>	<a href="#">CCR625</a>	5/8	3/4	1-15/16	4
<a href="#">CR625-1</a>	<a href="#">CCR625-1</a>	5/8	1	1-15/16	4-1/4
<a href="#">CR750</a>	<a href="#">CCR750</a>	3/4	5/8	2-1/4	4-1/8
<a href="#">CR750-1</a>	<a href="#">CCR750-1</a>	3/4	3/4	2-1/4	4-1/8
<a href="#">CR750-2</a>	<a href="#">CCR750-2</a>	3/4	1	2-1/4	4-5/16

Carbide Tipped	Radius	Shank	Large Diam.	O.A.L.
CTCR062	1/16	3/8	7/16	2-3/4
CTCR093	3/32	3/8	1/2	2-3/4
CTCR125	1/8	1/2	5/8	3
CTCR156	5/32	1/2	3/4	3
CTCR187-1	3/16	3/4	7/8	3-1/4
CTCR250-1	1/4	3/4	1	3-1/4
CTCR312-1	5/16	7/8	1-1/8	3-1/2
CTCR375-1	3/8	7/8	1-1/4	3-3/4
CTCR437-1	7/16	1	1-3/8	4
CTCR500-1	1/2	1	1-1/2	4
CTCR625-1	5/8	1-1/4	2	4-1/4



# T-Slot Cutters – Carbide Tipped

## Staggered Tooth

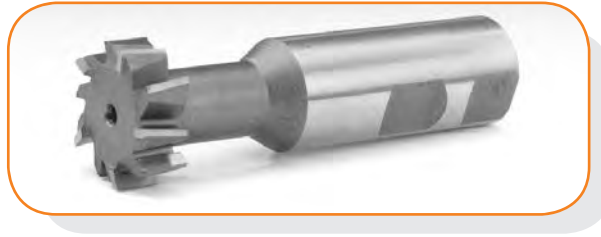
Straight Shank - Solid High Speed Steel, Cobalt and Carbide Tipped.  
Right Hand cut standard with staggered teeth.  
Excellent chip clearance.

Carbide Tipped	Bolt Size	Cutter Diam.	Cutter Width	Neck Diam.	O.A.L.	Shank Diam.	No. of Teeth
CTTS50	1/4	9/16	15/64	17/64	2-19/32	1/2	6
CTTS75	5/16	21/32	17/64	21/64	2-11/16	1/2	6
CTTS100	3/8	25/32	21/64	13/32	3-1/4	3/4	6
CTTS125	1/2	31/32	25/64	17/32	3-7/16	3/4	6
CTTS150	5/8	1-1/4	31/64	21/32	3-15/16	1	6
CTTS175	3/4	1-15/32	5/8	25/32	4-7/16	1	6
CTTS200	1	1-27/32	53/64	1-1/32	4-13/16	1-1/4	8
CTTS225	1-1/4	2-7/32	1-3/32	1-7/32	5-3/8	1-1/4	8
CTTS250	1-1/2	2-21/32	1-11/32	1-17/32	5-29/32	1-1/4	8

High Speed Steel and Cobalt see page 17.



# T-Slot Cutters – H.S.S. and Cobalt



## Staggered Tooth

Carbided Tipped see page 16.

Straight Shank - Solid High Speed Steel, Cobalt and Carbide Tipped. Right Hand cut standard with staggered teeth. Excellent chip clearance.

H.S.S.	Cobalt	Bolt Size	Cutter Diam.	Cutter Width	Neck Diam.	O.A.L.	Shank Diam.	No. of Teeth
<a href="#">TS50</a>	<a href="#">CTS50</a>	1/4	9/16	15/64	17/64	2-19/32	1/2	8
<a href="#">TS75</a>	<a href="#">CTS75</a>	5/16	21/32	17/64	21/64	2-11/16	1/2	8
<a href="#">TS100</a>	<a href="#">CTS100</a>	3/8	25/32	21/64	13/32	3-1/4	3/4	8
<a href="#">TS125</a>	<a href="#">CTS125</a>	1/2	31/32	25/64	17/32	3-7/16	3/4	8
<a href="#">TS150</a>	<a href="#">CTS150</a>	5/8	1-1/4	31/64	21/32	3-15/16	1	10
<a href="#">TS175</a>	<a href="#">CTS175</a>	3/4	1-15/32	5/8	25/32	4-7/16	1	10
<a href="#">TS200</a>	<a href="#">CTS200</a>	1	1-27/32	53/64	1-1/32	4-13/16	1-1/4	10
<a href="#">TS225</a>	<a href="#">CTS225</a>	1-1/4	2-7/32	1-3/32	1-7/32	5-3/8	1-1/4	10
<a href="#">TS250</a>	<a href="#">CTS250</a>	1-1/2	2-21/32	1-11/32	1-7/32	5-29/32	1-1/4	12

# Extended Shank Slot Cutters – H.S.S. and Cobalt

H.S.S.	Cobalt	Head Dia. "O.D."	Head Width	Shank Dia.	Neck Dia. X Length	Overall Length	No of Teeth
<a href="#">FIS1-18</a>	<a href="#">CFIS1-18</a>	1	1/8	5/8	.437 X 1	4-15/16	8
<a href="#">FIS1-316</a>	<a href="#">CFIS1-316</a>	1	3/16	5/8	.437 X 1	4-15/16	8
<a href="#">FIS1-14</a>	<a href="#">CFIS1-14</a>	1	1/4	5/8	.437 X 1	4-15/16	8
<a href="#">FIS1-516</a>	<a href="#">CFIS1-516</a>	1	5/16	5/8	.437 X 1	4-15/16	8
<a href="#">FIS1-38</a>	<a href="#">CFIS1-38</a>	1	3/8	5/8	.437 X 1	4-15/16	8
<a href="#">FIS1-12</a>	<a href="#">CFIS1-12</a>	1	1/2	5/8	.437 X 1	4-15/16	8
<a href="#">FIS1-58</a>	<a href="#">CFIS1-58</a>	1	5/8	5/8	.437 X 1	4-15/16	8
<a href="#">FIS12-18</a>	<a href="#">CFIS12-18</a>	1-1/4	1/8	3/4	.593 X 1-1/8	5-1/8	8
<a href="#">FIS12-316</a>	<a href="#">CFIS12-316</a>	1-1/4	3/16	3/4	.593 X 1-1/8	5-1/8	8
<a href="#">FIS12-14</a>	<a href="#">CFIS12-14</a>	1-1/4	1/4	3/4	.593 X 1-1/8	5-1/8	8
<a href="#">FIS12-516</a>	<a href="#">CFIS12-516</a>	1-1/4	5/16	3/4	.593 X 1-1/8	5-1/8	8
<a href="#">FIS12-38</a>	<a href="#">CFIS12-38</a>	1-1/4	3/8	3/4	.593 X 1-1/8	5-1/8	8
<a href="#">FIS12-12</a>	<a href="#">CFIS12-12</a>	1-1/4	1/2	3/4	.593 X 1-1/8	5-1/8	8
<a href="#">FIS12-58</a>	<a href="#">CFIS12-58</a>	1-1/4	5/8	3/4	.593 X 1-1/8	5-1/8	8
<a href="#">FIS15-18</a>	<a href="#">CFIS15-18</a>	1-1/2	1/8	1	.718 X 1-11/32	5-5/16	8
<a href="#">FIS15-316</a>	<a href="#">CFIS15-316</a>	1-1/2	3/16	1	.718 X 1-11/32	5-5/16	8
<a href="#">FIS15-14</a>	<a href="#">CFIS15-14</a>	1-1/2	1/4	1	.718 X 1-11/32	5-5/16	8
<a href="#">FIS15-516</a>	<a href="#">CFIS15-516</a>	1-1/2	5/16	1	.718 X 1-11/32	5-5/16	8
<a href="#">FIS15-38</a>	<a href="#">CFIS15-38</a>	1-1/2	3/8	1	.718 X 1-11/32	5-5/16	8
<a href="#">FIS15-12</a>	<a href="#">CFIS15-12</a>	1-1/2	1/2	1	.718 X 1-11/32	5-5/16	8
<a href="#">FIS15-58</a>	<a href="#">CFIS15-58</a>	1-1/2	5/8	1	.718 X 1-11/32	5-5/16	8
<a href="#">FIS2-316</a>	<a href="#">CFIS2-316</a>	2	3/16	1	.796 X 1-9/16	5-11/16	10
<a href="#">FIS2-14</a>	<a href="#">CFIS2-14</a>	2	1/4	1	.796 X 1-9/16	5-11/16	10
<a href="#">FIS2-516</a>	<a href="#">CFIS2-516</a>	2	5/16	1	.796 X 1-9/16	5-11/16	10
<a href="#">FIS2-38</a>	<a href="#">CFIS2-38</a>	2	3/8	1	.796 X 1-9/16	5-11/16	10
<a href="#">FIS2-12</a>	<a href="#">CFIS2-12</a>	2	1/2	1	.796 X 1-9/16	5-11/16	10
<a href="#">FIS2-58</a>	<a href="#">CFIS2-58</a>	2	5/8	1	.796 X 1-9/16	5-11/16	10

# Dovetail Cutters

## H.S.S. / Cobalt



H.S.S.	Cobalt	Diam.	Width	Angle	O.A.L.	Shank	No. of Teeth
<a href="#">DT3758-45</a>	<a href="#">CDT3758-45</a>	3/8	1/8	45°	2-1/16	3/8	8
<a href="#">DT5008-45</a>	<a href="#">CDT5008-45</a>	1/2	1/8	45°	2-1/8	3/8	8
<a href="#">DT7508-45</a>	<a href="#">CDT7508-45</a>	3/4	7/32	45°	2-5/32	3/8	8
<a href="#">DT137510-45</a>	<a href="#">CDT137510-45</a>	1-3/8	3/8	45°	2-17/32	1/2	10
<a href="#">DT137512-45</a>	<a href="#">CDT137512-45</a>	1-3/8	3/8	45°	2-13/16	5/8	10
<a href="#">DT187512-45</a>	<a href="#">CDT187512-45</a>	1-7/8	1/2	45°	2-15/16	7/8	12
<a href="#">DT225012-45</a>	<a href="#">CDT225012-45</a>	2-1/4	11/16	45°	3-9/16	1	12
<a href="#">DT250012-45</a>	<a href="#">CDT250012-45</a>	2-1/2	3/4	45°	3-3/4	1	12
<a href="#">DT3758-60</a>	<a href="#">CDT3758-60</a>	3/8	3/16	60°	2-1/8	3/8	8
<a href="#">DT5008-60</a>	<a href="#">CDT5008-60</a>	1/2	7/32	60°	2-1/8	3/8	8
<a href="#">DT7508-60</a>	<a href="#">CDT7508-60</a>	3/4	5/16	60°	2-1/8	3/8	8
<a href="#">DT137512-60</a>	<a href="#">CDT137512-60</a>	1-3/8	9/16	60°	3	5/8	12
<a href="#">DT187512-60</a>	<a href="#">CDT187512-60</a>	1-7/8	13/16	60°	3-1/4	7/8	12
<a href="#">DT225012-60</a>	<a href="#">CDT225012-60</a>	2-1/4	1-1/16	60°	3-3/4	1	12
<a href="#">DT250012-60</a>	<a href="#">CDT250012-60</a>	2-1/2	1-1/8	60°	3-3/4	1	12

## Carbide Tipped\*

Carbide Tipped	Diam.	Width	Shank	O.A.L.
CTDT500-45	1/2	5/32	3/8	2-1/8
CTDT750-45	3/4	1/4	3/8	2-1/4
CTDT1000-45	1	5/16	1/2	2-1/2
CTDT1250-45	1-1/4	3/8	5/8	2-3/4
CTDT1500-45	1-1/2	1/2	3/4	3-1/4
CTDT2000-45	2	5/8	1	4-1/4
CTDT2500-45	2-1/2	3/4	1-1/4	4-3/8
CTDT3000-45	3	1	1-1/4	4-1/2
CTDT500-60	1/2	7/32	3/8	2-1/8
CTDT750-60	3/4	1/4	3/8	2-1/4
CTDT1000-60	1	3/8	1/2	2-1/2
CTDT1250-60	1-1/4	1/2	5/8	2-3/4
CTDT1500-60	1-1/2	5/8	3/4	3-1/4
CTDT2000-60	2	3/4	1	4-1/4
CTDT2500-60	2-1/2	7/8	1-1/4	4-3/8
CTDT3000-60	3	1-1/8	1-1/4	4-1/2



\* Carbide tipped dovetails have a .015/020 radius on corner –  
\* H.S.S. and Cobalt have sharp corner.

# Face Angle Chamfer Milling Cutters



H.S.S.	Cobalt	Large Cutting Dia. D1	Small Cutting Dia. D2	Cutter Width W1	Shank	O.A.L.	No. of Teeth
<b>60 Degree Included Angle</b>							
FAC750-60	CFAC750-60	3/4	5/16	17/32	5/8	2-3/32	8
FAC1000-60	CFAC1000-60	1	3/8	11/16	1/2	2-13/32	8
FAC1250-60	CFAC1250-60	1-1/4	1/2	25/32	5/8	2-21/32	10
FAC1625-60	CFAC1625-60	1-5/8	5/8	1-1/16	3/4	3-1/16	12
<b>90 Degree Included Angle</b>							
FAC750-90	CFAC750-90	3/4	5/16	3/8	3/8	1-15/16	8
FAC1000-90	CFAC1000-90	1	3/8	7/16	1/2	2-3/16	8
FAC1250-90	CFAC1250-90	1-1/4	1/2	17/32	5/8	2-13/32	10
FAC1625-90	CFAC1625-90	1-5/8	5/8	11/16	3/4	2-11/16	12

# Double Angle Cutters

## H.S.S.



## Double Angle Cutters

H.S.S.	Carbide Tipped	Cutter Dia.	Cutter Width	O.A.L.	Shank Dia.
<b>60 Degree Included Angle</b>					
SDA312-60		5/16	7/64	2-3/8	3/8
SDA375-60		3/8	9/64	2-3/8	3/8
SDA500-60		1/2	5/32	2-3/8	3/8
<a href="#">SDA750-60</a>	CTSDA750-60	3/4	3/16	2-3/8	3/8
<a href="#">SDA100-60</a>	CTSDA100-60	1	5/16	2-27/32	1/2
<a href="#">SDA1375-60</a>	CTSDA1375-60	1-3/8	7/16	3-7/32	5/8
<a href="#">SDA1500-60</a>	CTSDA1500-60	1-1/2	1/2	3-3/8	5/8
<a href="#">SDA1875-60</a>	CTSDA1875-60	1-7/8	5/8	3-25/32	3/4
<a href="#">SDA2250-60</a>	CTSDA2250-60	2-1/4	3/4	4-5/32	7/8
<b>90 Degree Included Angle</b>					
SDA312-90		5/16	1/8	2-3/8	3/8
SDA375-90		3/8	5/32	2-3/8	3/8
SDA500-90		1/2	3/16	2-3/8	3/8
<a href="#">SDA750-90</a>	CTSDA750-90	3/4	1/4	2-3/8	3/8
<a href="#">SDA100-90</a>	CTSDA100-90	1	3/8	2-29/32	1/2
<a href="#">SDA1375-90</a>	CTSDA1375-90	1-3/8	1/2	3-9/32	5/8
<a href="#">SDA1500-90</a>	CTSDA1500-90	1-1/2	9/16	3-7/16	5/8
<a href="#">SDA1875-90</a>	CTSDA1875-90	1-7/8	5/8	3-25/32	3/4
<a href="#">SDA2250-90</a>	CTSDA2250-90	2-1/4	3/4	4-5/32	7/8

## Carbide Tipped



# Single Angle Chamfer Cutters



## H.S.S.

H.S.S.	Cutter Dia.	Angle Width	O.A.L.	Shank Dia.
<b>45 Degree Included Angle</b>				
SAC250-45	1/4	3/32	2-1/8	3/8
SAC312-45	5/16	1/8	2-1/8	3/8
SAC375-45	3/8	5/32	2-1/8	3/8
<a href="#">SAC500-45</a>	1/2	1/8	2-1/8	3/8
<a href="#">SAC750-45</a>	3/4	3/16	2-1/8	3/8
<a href="#">SAC1000-45</a>	1	5/16	2-1/2	1/2
<a href="#">SAC1500-45</a>	1-1/2	1/2	2-3/4	3/4
<b>60 Degree Included Angle</b>				
SAC250-60	1/4	5/32	2-1/8	3/8
SAC312-60	5/16	7/32	2-1/8	3/8
SAC375-60	3/8	17/64	2-1/8	3/8
<a href="#">SAC500-60</a>	1/2	7/32	2-1/8	3/8
<a href="#">SAC750-60</a>	3/4	5/16	2-1/8	3/8
<a href="#">SAC1000-60</a>	1	7/16	2-1/2	1/2
<a href="#">SAC1500-60</a>	1-1/2	5/8	2-3/4	3/4

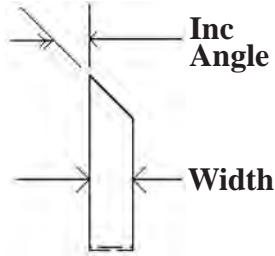
## Carbide Tipped

Carbide Tipped	Cutter Dia.	Angle Width	O.A.L.	Shank Dia.
<b>45 Degree Included Angle</b>				
CTSAC500-45	1/2	1/8	2-1/8	3/8
CTSAC750-45	3/4	3/16	2-1/8	3/8
CTSAC1000-45	1	5/16	2-1/2	1/2
CTSAC1500-45	1-1/2	1/2	2-3/4	3/4
<b>60 Degree Included Angle</b>				
CTSAC500-60	1/2	7/32	2-1/8	3/8
CTSAC750-60	3/4	5/16	2-1/8	3/8
CTSAC1000-60	1	7/16	2-1/2	1/2
CTSAC1500-60	1-1/2	5/8	2-3/4	3/4

# Angle Milling Cutters

## Single Angle

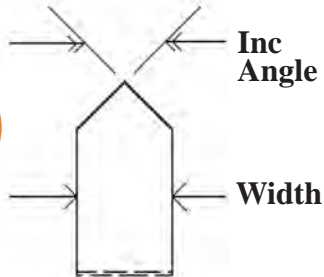
Single Angle Cutters come in 45 and 60 Degree Included Angles. All cutters have 20 teeth.



Catalog No. Right Hand	Catalog No. Left Hand	Diam.	Width	Hole Size	Inc. Angle
<a href="#">SA27500-R-45</a>	<a href="#">SA27500-L-45</a>	2-3/4	1/2	1	45
<a href="#">SA3500-R-45</a>	<a href="#">SA3500-L-45</a>	3	1/2	1-1/4	45
<a href="#">SA4500-R-45</a>	<a href="#">SA4500-L-45</a>	4	1/2	1-1/4	45
<a href="#">SA4750-R-45</a>	<a href="#">SA4750-L-45</a>	4	3/4	1-1/4	45
<a href="#">SA4100-R-45</a>	<a href="#">SA4100-L-45</a>	4	1	1-1/4	45
<a href="#">SA27500-R-60</a>	<a href="#">SA27500-L-60</a>	2-3/4	1/2	1	60
<a href="#">SA3500-R-60</a>	<a href="#">SA3500-L-60</a>	3	1/2	1-1/4	60
<a href="#">SA4500-R-60</a>	<a href="#">SA4500-L-60</a>	4	1/2	1-1/4	60
<a href="#">SA4750-R-60</a>	<a href="#">SA4750-L-60</a>	4	3/4	1-1/4	60
<a href="#">SA4100-R-60</a>	<a href="#">SA4100-L-60</a>	4	1	1-1/4	60



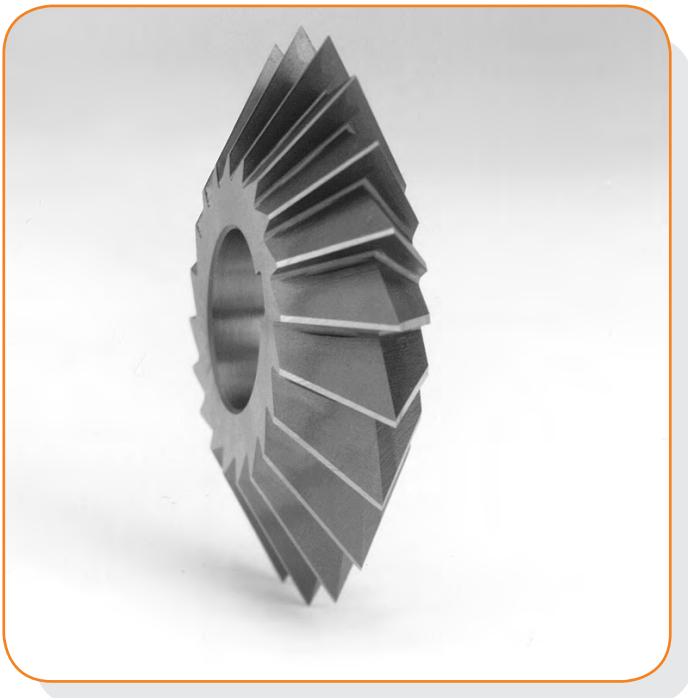
**CORNER RADIUS-ALTERED WIDTH  
ALL TOOLS IN THIS CATALOG  
CAN BE ALTERED AND SHIPPED  
IN LESS THAN 48 HOURS**



## Double Angle

Double Angle Cutters come in 45, 60, and 90 Degree Included Angles. All cutters have 20 teeth.

Catalog No.	Diam.	Width	Hole Size	Inc Angle
<a href="#">DA27500-45</a>	2-3/4	1/2	1	45
<a href="#">DA3500-45</a>	3	1/2	1	45
<a href="#">DA4500-45</a>	4	1/2	1-1/4	45
<a href="#">DA4750-45</a>	4	3/4	1-1/4	45
<a href="#">DA27500-60</a>	2-3/4	1/2	1	60
<a href="#">DA3500-60</a>	3	1/2	1	60
<a href="#">DA4500-60</a>	4	1/2	1-1/4	60
<a href="#">DA4750-60</a>	4	3/4	1-1/4	60
<a href="#">DA4100-60</a>	4	1	1-1/4	60
<a href="#">DA5750-60</a>	5	3/4	1-1/4	60
<a href="#">DA5100-60</a>	5	1	1-1/4	60
<a href="#">DA6100-60</a>	6	1	1-1/4	60
<a href="#">DA61250-60</a>	6	1-1/4	1-1/4	60
<a href="#">DA61500-60</a>	6	1-1/2	1-1/4	60
<a href="#">DA27500-90</a>	2 3/4	1/2	1	90
<a href="#">DA3500-90</a>	3	1/2	1	90
<a href="#">DA4500-90</a>	4	1/2	1-1/4	90
<a href="#">DA4750-90</a>	4	3/4	1-1/4	90
<a href="#">DA4100-90</a>	4	1	1-1/4	90
<a href="#">DA5750-90</a>	5	3/4	1-1/4	90
<a href="#">DA5100-90</a>	5	1	1-1/4	90
<a href="#">DA6100-90</a>	6	1	1-1/4	90
<a href="#">DA61250-90</a>	6	1-1/4	1-1/4	90
<a href="#">DA61500-90</a>	6	1-1/2	1-1/4	90



# Full Radius Side Milling Cutters

Cobalt Part #	H.S.S. Part #	Diam.	Width	Hole Size
BCSM3187	BSM3187	3	3/16	1
BCSM3187-1	BSM3187-1	3	3/16	1-1/4
<a href="#">BCSM3250</a>	<a href="#">BSM3250</a>	3	1/4	1
<a href="#">BCSM3250-1</a>	<a href="#">BSM3250-1</a>	3	1/4	1-1/4
BCSM3281	BSM3281	3	9/32	1
BCSM2181-1	BSM3281-1	3	9/32	1-1/4
<a href="#">BCSM3375</a>	<a href="#">BSM3375</a>	3	3/8	1
<a href="#">BCSM3375-1</a>	<a href="#">BSM3375-1</a>	3	3/8	1-1/4
<a href="#">BCSM3500</a>	BSM3500	3	1/2	1
<a href="#">BCSM3500-1</a>	<a href="#">BSM3500-1</a>	3	1/2	1-1/4
<a href="#">BCSM4250</a>	BSM4250	4	1/4	1
<a href="#">BCSM4250-1</a>	<a href="#">BSM4250-1</a>	4	1/4	1-1/4
<a href="#">BCSM4375</a>	<a href="#">BSM4375</a>	4	3/8	1
<a href="#">BCSM4375-1</a>	<a href="#">BSM4375-1</a>	4	3/8	1-1/4
<a href="#">BCSM4500</a>	<a href="#">BSM4500</a>	4	1/2	1
<a href="#">BCSM4500-1</a>	<a href="#">BSM4500-1</a>	4	1/2	1-1/4
BCSM4750-1	BSM4750-1	4	3/4	1-1/4
<a href="#">BCSM6250-1</a>	<a href="#">BSM6250-1</a>	6	1/4	1-1/4
<a href="#">BCSM6375-1</a>	<a href="#">BSM6375-1</a>	6	3/8	1-1/4
BCSM6437-1	BSM6437-1	6	7/16	1-1/4
<a href="#">BCSM6500-1</a>	<a href="#">BSM6500-1</a>	6	1/2	1-1/4

## Straight Tooth



Cobalt Part #	H.S.S. Part #	Diam.	Width	Hole Size
BCSTM3187	BSTM3187	3	3/16	1
BCSTM3187-1	BSTM3187-1	3	3/16	1-1/4
<a href="#">BCSTM3250</a>	<a href="#">BSTM3250</a>	3	1/4	1
<a href="#">BCSTM3250-1</a>	<a href="#">BSTM3250-1</a>	3	1/4	1-1/4
BCSTM3281	BSTM3281	3	9/32	1
BCSTM3281-1	BSTM3281-1	3	9/32	1-1/4
<a href="#">BCSTM3375</a>	<a href="#">BSTM3375</a>	3	3/8	1
<a href="#">BCSTM3375-1</a>	<a href="#">BSTM3375-1</a>	3	3/8	1-1/4
<a href="#">BCSTM3500</a>	<a href="#">BSTM3500</a>	3	1/2	1
<a href="#">BCSTM3500-1</a>	<a href="#">BSTM3500-1</a>	3	1/2	1-1/4
<a href="#">BCSTM4250</a>	<a href="#">BSTM4250</a>	4	1/4	1
<a href="#">BCSTM4250-1</a>	<a href="#">BSTM4250-1</a>	4	1/4	1-1/4
BCSTM4375	BSTM4375	4	3/8	1
<a href="#">BCSTM4375-1</a>	<a href="#">BSTM4375-1</a>	4	3/8	1-1/4
<a href="#">BCSTM4500-1</a>	<a href="#">BSTM4500-1</a>	4	1/2	1-1/4
<a href="#">BCSTM6250-1</a>	<a href="#">BSTM6250-1</a>	6	1/4	1-1/4
<a href="#">BCSTM6375-1</a>	<a href="#">BSTM6375-1</a>	6	3/8	1-1/4
<a href="#">BCSTM6500-1</a>	<a href="#">BSTM6500-1</a>	6	1/2	1-1/4

## Staggered Tooth



# Full Radius Slitting Saws

## Straight Tooth Slitting Saw



Cobalt Part #	H.S.S. Part #	Diam. x Width	Hole Size	Cobalt Part #	H.S.S. Part #	Diam. x Width	Hole Size
BCSS25125	<a href="#">BSS25125</a>	2 1/2 x 1/8	7/8	BCSS4156	<a href="#">BSS4156</a>	4 x 5/32	1
BCSS362	<a href="#">BSS362</a>	3 x 1/16	1	BCSS4156-1	<a href="#">BSS4156-1</a>	4 x 5/32	1-1/4
BCSS393	<a href="#">BSS393</a>	3 x 3/32	1	BCSS4187	<a href="#">BSS4187</a>	4 x 3/16	1
BCSS3125	<a href="#">BSS3125</a>	3 x 1/8	1	BCSS4187-1	<a href="#">BSS4187-1</a>	4 x 3/16	1-1/4
BCSS3156	<a href="#">BSS3156</a>	3 x 5/32	1	BCSS4250	<a href="#">BSS4250</a>	4 x 1/4	1
BCSS3187	<a href="#">BSS3187</a>	3 x 3/16	1	BCSS4250-1	<a href="#">BSS4250-1</a>	4 x 1/4	1-1/4
BCSS3250	<a href="#">BSS3250</a>	3 x 1/4	1	BCSS6125	<a href="#">BSS6125</a>	6 x 1/8	1
BCSS462	<a href="#">BSS462</a>	4 x 1/16	1	BCSS6125-1	<a href="#">BSS6125-1</a>	6 x 1/8	1 1/4
BCSS462-1	<a href="#">BSS462-1</a>	4 x 1/16	1 1/4	BCSS6156	<a href="#">BSS6156</a>	6 x 5/32	1
BCSS493	<a href="#">BSS493</a>	4 x 3/32	1	BCSS6156-1	<a href="#">BSS6156-1</a>	6 x 5/32	1 1/4
BCSS493-1	<a href="#">BSS493-1</a>	4 x 3/32	1 1/4	BCSS6187	<a href="#">BSS6187</a>	6 x 3/16	1
BCSS4125	<a href="#">BSS4125</a>	4 x 1/8	1	BCSS6187-1	<a href="#">BSS6187-1</a>	6 x 3/16	1 1/4
BCSS4125-1	<a href="#">BSS4125-1</a>	4 x 1/8	1 1/4	BCSS6250	<a href="#">BSS6250</a>	6 x 1/4	1
				BCSS6250-1	<a href="#">BSS6250-1</a>	6 x 1/4	1-1/4

# Woodruff Keyseat Cutters

Straight Tooth



Solid Carbide

Staggered Tooth



H.S.S. and Cobalt

Staggered Tooth



Carbide Tipped  
1/2" shanks –  
Right Hand cut;  
chip breakers on  
all tools 5/32" wide  
and greater.

Straight Tooth



Straight Tooth



CORNER RADIUS-ALTERED WIDTH  
ALL TOOLS IN THIS CATALOG  
CAN BE ALTERED AND SHIPPED  
IN LESS THAN 48 HOURS

• Strong, one-piece construction on all keyseat cutters •

For narrow width sizes, see page 23.

Sizes 1/2" shank, rh cut			Straight Tooth				Staggered Tooth		
American Standard	Diam.	Width	Solid Carbide Part #	H.S.S. Part #	Cobalt Part #	Carbide Tipped	H.S.S. Part #	Cobalt Part #	Carbide Tipped
202	1/4	1/16	<a href="#">SC202</a>	<a href="#">KY200</a>	<a href="#">CKY200</a>	-	<a href="#">STKY200</a>	<a href="#">CSTKY200</a>	-
202-1/2	5/16	1/16	-	<a href="#">KY225</a>	<a href="#">CKY225</a>	-	<a href="#">STKY225</a>	<a href="#">CSTKY225</a>	-
302-1/2	5/16	3/32	-	<a href="#">KY250</a>	<a href="#">CKY250</a>	-	<a href="#">STKY250</a>	<a href="#">CSTKY250</a>	-
203	3/8	1/16	<a href="#">SC203</a>	<a href="#">KY275</a>	<a href="#">CKY275</a>	-	<a href="#">STKY275</a>	<a href="#">CSTKY275</a>	-
303	3/8	3/32	<a href="#">SC303</a>	<a href="#">KY300</a>	<a href="#">CKY300</a>	-	<a href="#">STKY300</a>	<a href="#">CSTKY300</a>	-
403	3/8	1/8	<a href="#">SC403</a>	<a href="#">KY325</a>	<a href="#">CKY325</a>	-	<a href="#">STKY325</a>	<a href="#">CSTKY325</a>	-
204	1/2	1/16	<a href="#">SC204</a>	<a href="#">KY350</a>	<a href="#">CKY350</a>	<a href="#">TC204</a>	<a href="#">STKY350</a>	<a href="#">CSTKY350</a>	<a href="#">STC204</a>
304	1/2	3/32	<a href="#">SC304</a>	<a href="#">KY375</a>	<a href="#">CKY375</a>	<a href="#">TC304</a>	<a href="#">STKY375</a>	<a href="#">CSTKY375</a>	<a href="#">STC304</a>
305	5/8	3/32	<a href="#">SC305</a>	<a href="#">KY400</a>	<a href="#">CKY400</a>	<a href="#">TC305</a>	<a href="#">STKY400</a>	<a href="#">CSTKY400</a>	<a href="#">STC305</a>
404	1/2	1/8	<a href="#">SC404</a>	<a href="#">KY425</a>	<a href="#">CKY425</a>	<a href="#">TC404</a>	<a href="#">STKY425</a>	<a href="#">CSTKY425</a>	<a href="#">STC404</a>
405	5/8	1/8	<a href="#">SC405</a>	<a href="#">KY450</a>	<a href="#">CKY450</a>	<a href="#">TC405</a>	<a href="#">STKY450</a>	<a href="#">CSTKY450</a>	<a href="#">STC405</a>
406	3/4	1/8	<a href="#">SC406</a>	<a href="#">KY475</a>	<a href="#">CKY475</a>	<a href="#">TC406</a>	<a href="#">STKY475</a>	<a href="#">CSTKY475</a>	<a href="#">STC406</a>
505	5/8	5/32	<a href="#">SC505</a>	<a href="#">KY500</a>	<a href="#">CKY500</a>	<a href="#">TC505</a>	<a href="#">STKY500</a>	<a href="#">CSTKY500</a>	<a href="#">STC505</a>
605	5/8	3/16	<a href="#">SC605</a>	<a href="#">KY525</a>	<a href="#">CKY525</a>	<a href="#">TC605</a>	<a href="#">STKY525</a>	<a href="#">CSTKY525</a>	<a href="#">STC605</a>
506	3/4	5/32	<a href="#">SC506</a>	<a href="#">KY575</a>	<a href="#">CKY575</a>	<a href="#">TC506</a>	<a href="#">STKY575</a>	<a href="#">CSTKY575</a>	<a href="#">STC506</a>
806	3/4	1/4	<a href="#">SC806</a>	<a href="#">KY600</a>	<a href="#">CKY600</a>	<a href="#">TC806</a>	<a href="#">STKY600</a>	<a href="#">CSTKY600</a>	<a href="#">STC806</a>
507	7/8	5/32	<a href="#">SC507</a>	<a href="#">KY625</a>	<a href="#">CKY625</a>	<a href="#">TC507</a>	<a href="#">STKY625</a>	<a href="#">CSTKY625</a>	<a href="#">STC507</a>
606	3/4	3/16	<a href="#">SC606</a>	<a href="#">KY650</a>	<a href="#">CKY650</a>	<a href="#">TC606</a>	<a href="#">STKY650</a>	<a href="#">CSTKY650</a>	<a href="#">STC606</a>
607	7/8	3/16	<a href="#">SC607</a>	<a href="#">KY675</a>	<a href="#">CKY675</a>	<a href="#">TC607</a>	<a href="#">STKY675</a>	<a href="#">CSTKY675</a>	<a href="#">STC607</a>
707	7/8	7/32	<a href="#">SC707</a>	<a href="#">KY700</a>	<a href="#">CKY700</a>	<a href="#">TC707</a>	<a href="#">STKY700</a>	<a href="#">CSTKY700</a>	<a href="#">STC707</a>
608	1	3/16	<a href="#">SC608</a>	<a href="#">KY725</a>	<a href="#">CKY725</a>	<a href="#">TC608</a>	<a href="#">STKY725</a>	<a href="#">CSTKY725</a>	<a href="#">STC608</a>
708	1	7/32	<a href="#">SC708</a>	<a href="#">KY750</a>	<a href="#">CKY750</a>	<a href="#">TC708</a>	<a href="#">STKY750</a>	<a href="#">CSTKY750</a>	<a href="#">STC708</a>
1208	1	3/8	<a href="#">SC1208</a>	<a href="#">KY775</a>	<a href="#">CKY775</a>	<a href="#">TC1208</a>	<a href="#">STKY775</a>	<a href="#">CSTKY775</a>	<a href="#">STC1208</a>
609	1-1/8	3/16	<a href="#">SC609</a>	<a href="#">KY800</a>	<a href="#">CKY800</a>	<a href="#">TC609</a>	<a href="#">STKY800</a>	<a href="#">CSTKY800</a>	<a href="#">STC609</a>
807	7/8	1/4	<a href="#">SC807</a>	<a href="#">KY825</a>	<a href="#">CKY825</a>	<a href="#">TC807</a>	<a href="#">STKY825</a>	<a href="#">CSTKY825</a>	<a href="#">STC807</a>
808	1	1/4	<a href="#">SC808</a>	<a href="#">KY850</a>	<a href="#">CKY850</a>	<a href="#">TC808</a>	<a href="#">STKY850</a>	<a href="#">CSTKY850</a>	<a href="#">STC808</a>
709	1-1/8	7/32	<a href="#">SC709</a>	<a href="#">KY875</a>	<a href="#">CKY875</a>	<a href="#">TC709</a>	<a href="#">STKY875</a>	<a href="#">CSTKY875</a>	<a href="#">STC709</a>
809	1-1/8	1/4	<a href="#">SC809</a>	<a href="#">KY900</a>	<a href="#">CKY900</a>	<a href="#">TC809</a>	<a href="#">STKY900</a>	<a href="#">CSTKY900</a>	<a href="#">STC809</a>
610	1-1/4	3/16	<a href="#">SC610</a>	<a href="#">KY925</a>	<a href="#">CKY925</a>	<a href="#">TC610</a>	<a href="#">STKY925</a>	<a href="#">CSTKY925</a>	<a href="#">STC610</a>
710	1-1/4	7/32	<a href="#">SC710</a>	<a href="#">KY950</a>	<a href="#">CKY950</a>	<a href="#">TC710</a>	<a href="#">STKY950</a>	<a href="#">CSTKY950</a>	<a href="#">STC710</a>
810	1-1/4	1/4	<a href="#">SC810</a>	<a href="#">KY975</a>	<a href="#">CKY975</a>	<a href="#">TC810</a>	<a href="#">STKY975</a>	<a href="#">CSTKY975</a>	<a href="#">STC810</a>
811	1-3/8	1/4	-	<a href="#">KY1000</a>	<a href="#">CKY1000</a>	<a href="#">TC811</a>	<a href="#">STKY1000</a>	<a href="#">CSTKY1000</a>	<a href="#">STC811</a>
812	1-1/2	1/4	<a href="#">SC812</a>	<a href="#">KY1025</a>	<a href="#">CKY1025</a>	<a href="#">TC812</a>	<a href="#">STKY1025</a>	<a href="#">CSTKY1025</a>	<a href="#">STC812</a>
1008	1	5/16	<a href="#">SC1008</a>	<a href="#">KY1050</a>	<a href="#">CKY1050</a>	<a href="#">TC1008</a>	<a href="#">STKY1050</a>	<a href="#">CSTKY1050</a>	<a href="#">STC1008</a>
1009	1-1/8	5/16	<a href="#">SC1009</a>	<a href="#">KY1075</a>	<a href="#">CKY1075</a>	<a href="#">TC1009</a>	<a href="#">STKY1075</a>	<a href="#">CSTKY1075</a>	<a href="#">STC1009</a>
1010	1-1/4	5/16	<a href="#">SC1010</a>	<a href="#">KY1080</a>	<a href="#">CKY1080</a>	<a href="#">TC1010</a>	<a href="#">STKY1080</a>	<a href="#">CSTKY1080</a>	<a href="#">STC1010</a>
1011	1-3/8	5/16	-	<a href="#">KY1100</a>	<a href="#">CKY1100</a>	<a href="#">TC1011</a>	<a href="#">STKY1100</a>	<a href="#">CSTKY1100</a>	<a href="#">STC1011</a>
1012	1-1/2	5/16	<a href="#">SC1210</a>	<a href="#">KY1125</a>	<a href="#">CKY1125</a>	<a href="#">TC1012</a>	<a href="#">STKY1125</a>	<a href="#">CSTKY1125</a>	<a href="#">STC1012</a>
1210	1-1/4	3/8	<a href="#">SC1012</a>	<a href="#">KY1150</a>	<a href="#">CKY1150</a>	<a href="#">TC1210</a>	<a href="#">STKY1150</a>	<a href="#">CSTKY1150</a>	<a href="#">STC1210</a>
1211	1-3/8	3/8	-	<a href="#">KY1175</a>	<a href="#">CKY1175</a>	<a href="#">TC1211</a>	<a href="#">STKY1175</a>	<a href="#">CSTKY1175</a>	<a href="#">STC1211</a>
1212	1-1/2	3/8	<a href="#">SC1212</a>	<a href="#">KY1200</a>	<a href="#">CKY1200</a>	<a href="#">TC1212</a>	<a href="#">STKY1200</a>	<a href="#">CSTKY1200</a>	<a href="#">STC1212</a>

# Woodruff Keyseat Cutters – Narrow Width

CORNER RADIUS-ALTERED WIDTH  
ALL TOOLS IN THIS CATALOG  
CAN BE ALTERED AND SHIPPED  
IN LESS THAN 48 HOURS



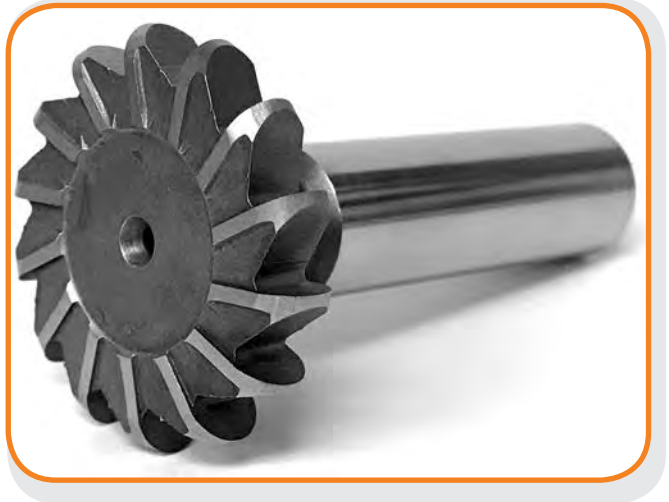
## 1/2" Shank - Right Hand Cut

Made from solid high speed steel and cobalt – straight tooth.  
One piece construction. Specials quoted on request.

H.S.S. Part #	Diam. x Width	Cobalt Part #	H.S.S. Part #	Diam. x Width	Cobalt Part #	H.S.S. Part #	Diam. x Width	Cobalt Part #
<a href="#">NWKY25-164</a>	1/4 x 1/64	CNWKY25-164	<a href="#">NWKY87-564</a>	7/8 x 5/64	CNWKY87-564	<a href="#">NWKY12-764</a>	1-1/4 x 7/64	CNWKY12-764
<a href="#">NWKY25-132</a>	1/4 x 1/32	CNWKY25-132	<a href="#">NWKY87-332</a>	7/8 x 3/32	CNWKY87-332	<a href="#">NWKY12-18</a>	1-1/4 x 1/8	CNWKY12-18
<a href="#">NWKY25-364</a>	1/4 x 3/64	CNWKY25-364	<a href="#">NWKY87-764</a>	7/8 x 7/64	CNWKY87-764	<a href="#">NWKY12-964</a>	1-1/4 x 9/64	CNWKY12-964
<a href="#">NWKY31-164</a>	5/16 x 1/64	CNWKY31-164	<a href="#">NWKY87-18</a>	7/8 x 1/8	CNWKY87-18	<a href="#">NWKY12-532</a>	1-1/4 x 5/32	CNWKY12-532
<a href="#">NWKY31-132</a>	5/16 x 1/32	CNWKY31-132	<a href="#">NWKY87-964</a>	7/8 x 9/64	CNWKY87-964	<a href="#">NWKY12-1164</a>	1-1/4 x 11/64	CNWKY12-1164
<a href="#">NWKY31-364</a>	5/16 x 3/64	CNWKY31-364	<a href="#">NWKY1-364</a>	1 x 3/64	CNWKY1-364	<a href="#">NWKY12-316</a>	1-1/4 x 3/16	CNWKY12-316
<a href="#">NWKY37-164</a>	3/8 x 1/64	CNWKY37-164	<a href="#">NWKY1-116</a>	1 x 1/16	CNWKY1-116	<a href="#">NWKY12-732</a>	1-1/4 x 7/32	CNWKY12-732
<a href="#">NWKY37-132</a>	3/8 x 1/32	CNWKY37-132	<a href="#">NWKY1-564</a>	1 x 5/64	CNWKY1-564	<a href="#">NWKY137-116</a>	1-3/8 x 1/16	CNWKY137-116
<a href="#">NWKY37-364</a>	3/8 x 3/64	CNWKY37-364	<a href="#">NWKY1-332</a>	1 x 3/32	CNWKY1-332	<a href="#">NWKY137-564</a>	1-3/8 x 5/64	CNWKY137-564
<a href="#">NWKY50-164</a>	1/2 x 1/64	CNWKY50-164	<a href="#">NWKY1-764</a>	1 x 7/64	CNWKY1-764	<a href="#">NWKY137-332</a>	1-3/8 x 3/32	CNWKY137-332
<a href="#">NWKY50-020</a>	1/2 x .020	CNWKY50-020	<a href="#">NWKY1-18</a>	1 x 1/8	CNWKY1-18	<a href="#">NWKY137-764</a>	1-3/8 x 7/64	CNWKY137-764
<a href="#">NWKY50-132</a>	1/2 x 1/32	CNWKY50-132	<a href="#">NWKY1-964</a>	1 x 9/64	CNWKY1-964	<a href="#">NWKY137-18</a>	1-3/8 x 1/8	CNWKY137-18
<a href="#">NWKY50-364</a>	1/2 x 3/64	CNWKY50-364	<a href="#">NWKY1-532</a>	1 x 5/32	CNWKY1-532	<a href="#">NWKY137-964</a>	1-3/8 x 9/64	CNWKY137-964
<a href="#">NWKY62-164</a>	5/8 x 1/64	CNWKY62-164	<a href="#">NWKY1-1164</a>	1 x 11/64	CNWKY1-1164	<a href="#">NWKY137-532</a>	1-3/8 x 5/32	CNWKY137-532
<a href="#">NWKY62-020</a>	5/8 x .020	CNWKY62-020	<a href="#">NWKY11-364</a>	1-1/8 x 3/64	CNWKY11-364	<a href="#">NWKY137-1164</a>	1-3/8 x 11/64	CNWKY137-1164
<a href="#">NWKY62-132</a>	5/8 x 1/32	CNWKY62-132	<a href="#">NWKY11-116</a>	1-1/8 x 1/16	CNWKY11-116	<a href="#">NWKY137-316</a>	1-3/8 x 3/16	CNWKY137-316
<a href="#">NWKY62-364</a>	5/8 x 3/64	CNWKY62-364	<a href="#">NWKY11-564</a>	1-1/8 x 5/64	CNWKY11-564	<a href="#">NWKY137-732</a>	1-3/8 x 7/32	CNWKY137-732
<a href="#">NWKY62-116</a>	5/8 x 1/16	CNWKY62-116	<a href="#">NWKY11-332</a>	1-1/8 x 3/32	CNWKY11-332	<a href="#">NWKY15-116</a>	1-1/2 x 1/16	CNWKY15-116
<a href="#">NWKY62-564</a>	5/8 x 5/64	CNWKY62-564	<a href="#">NWKY11-764</a>	1-1/8 x 7/64	CNWKY11-764	<a href="#">NWKY15-564</a>	1-1/2 x 5/64	CNWKY15-564
<a href="#">NWKY75-132</a>	3/4 x 1/32	CNWKY75-132	<a href="#">NWKY11-18</a>	1-1/8 x 1/8	CNWKY11-18	<a href="#">NWKY15-332</a>	1-1/2 x 3/32	CNWKY15-332
<a href="#">NWKY75-364</a>	3/4 x 3/64	CNWKY75-364	<a href="#">NWKY11-964</a>	1-1/8 x 9/64	CNWKY11-964	<a href="#">NWKY15-764</a>	1-1/2 x 7/64	CNWKY15-764
<a href="#">NWKY75-116</a>	3/4 x 1/16	CNWKY75-116	<a href="#">NWKY11-532</a>	1-1/8 x 5/32	CNWKY11-532	<a href="#">NWKY15-18</a>	1-1/2 x 1/8	CNWKY15-18
<a href="#">NWKY75-564</a>	3/4 x 5/64	CNWKY75-564	<a href="#">NWKY11-1164</a>	1-1/8 x 11/64	CNWKY11-1164	<a href="#">NWKY15-964</a>	1-1/2 x 9/64	CNWKY15-964
<a href="#">NWKY75-332</a>	3/4 x 3/32	CNWKY75-332	<a href="#">NWKY12-364</a>	1-1/4 x 3/64	CNWKY12-364	<a href="#">NWKY15-532</a>	1-1/2 x 5/32	CNWKY15-532
<a href="#">NWKY75-764</a>	3/4 x 7/64	CNWKY75-764	<a href="#">NWKY12-116</a>	1-1/4 x 1/16	CNWKY12-116	<a href="#">NWKY15-1164</a>	1-1/2 x 11/64	CNWKY15-1164
<a href="#">NWKY87-364</a>	7/8 x 3/64	CNWKY87-364	<a href="#">NWKY12-564</a>	1-1/4 x 5/64	CNWKY12-564	<a href="#">NWKY15-316</a>	1-1/2 x 3/16	CNWKY15-316
<a href="#">NWKY87-116</a>	7/8 x 1/16	CNWKY87-116	<a href="#">NWKY12-332</a>	1-1/4 x 3/32	CNWKY12-332	<a href="#">NWKY15-732</a>	1-1/2 x 7/32	CNWKY15-732

TiN coating Price On Application

# Full Radius Keyseat Cutters



## Full Profile Ground Radius

Made from solid high speed steel and cobalt – straight tooth.  
One piece construction. Specials quoted on request.

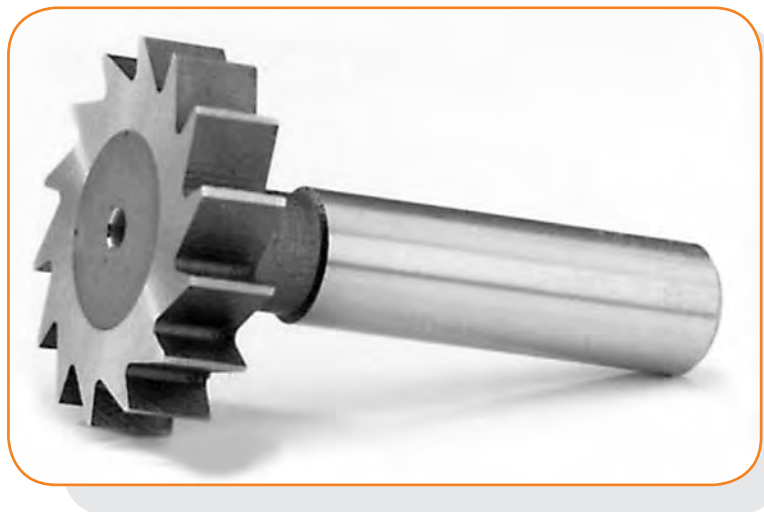
\*Wider sizes mfg with side gash for grinding and chip removal.

H.S.S.	COBALT	SIDE GASH	DIA	WIDTH	SHANK	RADIUS
BKY75-116	CBKY75-116		3/4	1/16	1/2	1/32
BKY75-18	CBKY75-18		3/4	1/8	1/2	1/16
BKY75-14	CBKY75-14	*	3/4	1/4	1/2	1/8
BKY87-116	CBKY87-116		7/8	1/16	1/2	1/32
BKY87-18	CBKY87-18		7/8	1/8	1/2	1/16
BKY87-14	CBKY87-14	*	7/8	1/4	1/2	1/8
BKY1-116	CBKY1-116		1	1/16	1/2	1/32
BKY1-18	CBKY1-18		1	1/8	1/2	1/16
BKY1-14	CBKY1-14	*	1	1/4	1/2	1/8
BKY1-38	CBKY1-38	*	1	3/8	1/2	3/16
BKY11-116	CBKY11-116		1-1/8	1/16	1/2	1/32
BKY11-18	CBKY11-18		1-1/8	1/8	1/2	1/16
BKY11-14	CBKY11-14		1-1/8	1/4	1/2	1/8
BKY11-38	CBKY11-38		1-1/8	3/8	1/2	3/16
BKY12-116	CBKY12-116		1 1/4	1/16	1/2	1/32
BKY12-18	CBKY12-18		1 1/4	1/8	1/2	1/16
BKY12-14	CBKY12-14	*	1 1/4	1/4	1/2	1/8
BKY12-38	CBKY12-38	*	1 1/4	3/8	1/2	3/16
BKY15-116	CBKY15-116		1 1/2	1/16	1/2	1/32
BKY15-18	CBKY15-18		1 1/2	1/8	1/2	1/16
BKY15-14	CBKY15-14	*	1 1/2	1/4	1/2	1/8
BKY15-38	CBKY15-38	*	1 1/2	3/8	1/2	3/16
BKY16-18	CBKY16-18		1 5/8	1/8	1/2	1/16
BKY16-14	CBKY16-14	*	1 5/8	1/4	1/2	1/8
BKY16-38	CBKY16-38	*	1 5/8	3/8	1/2	3/16
BKY16-12	CBKY16-12	*	1 5/8	1/2	1/2	1/4
BKY17-18	CBKY17-18		1 3/4	1/8	1/2	1/16
BKY17-14	CBKY17-14	*	1 3/4	1/4	1/2	1/8
BKY17-38	CBKY17-38	*	1 3/4	3/8	1/2	3/16
BKY17-12	CBKY17-12	*	1 3/4	1/2	1/2	1/4
BKY18-18	CBKY18-18		1 7/8	1/8	1/2	1/16
BKY18-14	CBKY18-14	*	1 7/8	1/4	1/2	1/8
BKY18-38	CBKY18-38	*	1 7/8	3/8	1/2	3/16
BKY18-12	CBKY18-12	*	1 7/8	1/2	1/2	1/4
BKY2-18	CBKY2-18		2	1/8	1/2	1/16
BKY2-14	CBKY2-14	*	2	1/4	1/2	1/8
BKY2-38	CBKY2-38	*	2	3/8	1/2	3/16
BKY2-12	CBKY2-12	*	2	1/2	1/2	1/4



## Large Diameter Keyseat Cutters

H.S.S	Diam. x Width	Shank	Cobalt Part #
<a href="#">LDKY16-18</a>	1-5/8 x 1/8	1/2	<a href="#">CLDKY16-18</a>
<a href="#">LDKY16-316</a>	1-5/8 x 3/16	1/2	<a href="#">CLDKY16-316</a>
<a href="#">LDKY16-14</a>	1-5/8 x 1/4	1/2	<a href="#">CLDKY16-14</a>
<a href="#">LDKY16-516</a>	1-5/8 x 5/16	1/2	<a href="#">CLDKY16-516</a>
<a href="#">LDKY16-38</a>	1-5/8 x 3/8	1/2	<a href="#">CLDKY16-38</a>
<a href="#">LDKY16-12</a>	1-5/8 x 1/2	1/2	<a href="#">CLDKY16-12</a>
<a href="#">LDKY17-18</a>	1-3/4 x 1/8	1/2	<a href="#">CLDKY17-18</a>
<a href="#">LDKY17-316</a>	1-3/4 x 3/16	1/2	<a href="#">CLDKY17-316</a>
<a href="#">LDKY17-14</a>	1-3/4 x 1/4	1/2	<a href="#">CLDKY17-14</a>
<a href="#">LDKY17-516</a>	1-3/4 x 5/16	1/2	<a href="#">CLDKY17-516</a>
<a href="#">LDKY17-38</a>	1-3/4 x 3/8	1/2	<a href="#">CLDKY17-38</a>
<a href="#">LDKY17-12</a>	1-3/4 x 1/2	1/2	<a href="#">CLDKY17-12</a>
<a href="#">LDKY18-18</a>	1-7/8 x 1/8	1/2	<a href="#">CLDKY18-18</a>
<a href="#">LDKY18-316</a>	1-7/8 x 3/16	1/2	<a href="#">CLDKY18-316</a>
<a href="#">LDKY18-14</a>	1-7/8 x 1/4	1/2	<a href="#">CLDKY18-14</a>
<a href="#">LDKY18-516</a>	1-7/8 x 5/16	1/2	<a href="#">CLDKY18-516</a>
<a href="#">LDKY18-38</a>	1-7/8 x 3/8	1/2	<a href="#">CLDKY18-38</a>
<a href="#">LDKY18-12</a>	1-7/8 x 1/2	1/2	<a href="#">CLDKY18-12</a>
<a href="#">LDKY2-18</a>	2 x 1/8	1/2	<a href="#">CLDKY2-18</a>
<a href="#">LDKY2-316</a>	2 x 3/16	1/2	<a href="#">CLDKY2-316</a>
<a href="#">LDKY2-14</a>	2 x 1/4	1/2	<a href="#">CLDKY2-14</a>
<a href="#">LDKY2-516</a>	2 x 5/16	1/2	<a href="#">CLDKY2-516</a>
<a href="#">LDKY2-38</a>	2 x 3/8	1/2	<a href="#">CLDKY2-38</a>
<a href="#">LDKY2-12</a>	2 x 1/2	1/2	<a href="#">CLDKY2-12</a>



Mfg. with Std. Weldon Flats

Made from solid high speed steel and cobalt – straight tooth.  
One piece construction. Specials quoted on request.  
See page 33 for specials.

## Concave Radius Milling Cutters Profile Ground



H.S.S.	Cobalt	Carbide Tipped	Radius	Cutter Dia.	Cutter Width	Shank Dia.	O.A.L.
CC750-132	COCC750-132	CTCC750-132	1/32	3/4	3/8	1/2	3
CC750-116	COCC750-116	CTCC750-116	1/16	3/4	3/8	1/2	3
CC875-332	COCC875-332	CTCC875-332	3/32	7/8	1/2	1/2	3
CC1250-18	COCC1250-18	CTCC1250-18	1/8	1-1/4	9/16	3/4	3-1/2
CC1312-532	COCC1312-532	CTCC1312-532	5/32	1-5/16	5/8	3/4	3-1/2
CC1375-316	COCC1375-316	CTCC1375-316	3/16	1-3/8	3/4	3/4	3-1/2
CC1500-14	COCC1500-14	CTCC1500-14	1/4	1-1/2	1	3/4	4
CC1750-516	COCC1750-516	CTCC1750-516	5/16	1-3/4	1-1/8	3/4	4
CC1875-38	COCC1875-38	CTCC1875-38	3/8	1-7/8	1-1/4	3/4	4

## Convex Radius Milling Cutters Profile Ground

H.S.S.	Cobalt	Carbide Tipped	Radius	Cutter Dia.	Cutter Width	Shank Dia.	O.A.L.
CV750-132	CCV750-132	CTCV750-132	1/32	3/4	1/16	1/2	3
CV750-116	CCV750-116	CTCV750-116	1/16	3/4	1/8	1/2	3
CV875-332	CCV875-332	CTCV875-332	3/32	7/8	3/16	1/2	3
CV1250-18	CCV1250-18	CTCV1250-18	1/8	1-1/4	1/4	3/4	3-1/2
CV1312-532	CCV1312-532	CTCV1312-532	5/32	1-5/16	5/16	3/4	3-1/2
CV1375-316	CCV1375-316	CTCV1375-316	3/16	1-3/8	3/8	3/4	3-1/2
CV1500-14	CCV1500-14	CTCV1500-14	1/4	1-1/2	1/2	3/4	4
CV1750-516	CCV1750-516		5/16	1-3/4	5/8	3/4	4
CV1875-38	CCV1875-38		3/8	1-7/8	3/4	3/4	4



# Woodruff Keyseat Cutters



## 10 Piece Set Includes:

- 1 - #204
- 1 - #304
- 1 - #305
- 1 - #605
- 1 - #406
- 1 - #606
- 1 - #806
- 1 - #608
- 1 - #404
- 1 - #405



Available in 41 and 10 piece sets.

Catalog No.	41 Piece Set
KY set	STR.T.HSS - full set
STKY set	STG.T.HSS - full set
CKY set	STR.T.Cobalt - full set
CSTKY set	STG.T.Cobalt - full set

Catalog No.	10 Piece Set
KY - 10 pack	STR.T.HSS - 10 pc set
STKY - 10 pack	STG.T.HSS - 10 pc set
CKY - 10 pack	STR.T.Cobalt - 10 pc set
CSTKY - 10 pack	STG.T.Cobalt - 10 pc set

## Arbor Type

All staggered tooth cutters with the same amount of teeth can be interlocked by grinding hubs.

These cutters are 1/32" larger in diameter than the normal size to allow for resharpening.

Catalog No.	Old Std.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">K100</a>	26	2-1/8	3/16	3/4	14
<a href="#">K102</a>	27	2-1/8	1/4	3/4	14
<a href="#">K104</a>	28	2-1/8	5/16	3/4	14
<a href="#">K106</a>	29	2-1/8	3/8	3/4	14
<a href="#">K108</a>	R	2-3/4	1/4	1	18
<a href="#">K110</a>	S	2-3/4	5/16	1	18
<a href="#">K112</a>	T	2-3/4	3/8	1	18
<a href="#">K114</a>	U	2-3/4	7/16	1	18
<a href="#">K116</a>	V	2-3/4	1/2	1	18
<a href="#">K118</a>	30	3-1/2	3/8	1	18
<a href="#">K120</a>	31	3-1/2	7/16	1	18
<a href="#">K122</a>	32	3-1/2	1/2	1	18
<a href="#">K124</a>	33	3-1/2	9/16	1	18
<a href="#">K126</a>	34	3-1/2	5/8	1	18
<a href="#">K128</a>	35	3-1/2	11/16	1	18
<a href="#">K130</a>	36	3-1/2	3/4	1	18



# Plain Milling Cutters

CORNER RADIUS-ALTERED WIDTH  
ALL TOOLS IN THIS CATALOG  
CAN BE ALTERED AND SHIPPED  
IN LESS THAN 48 HOURS

## Light Duty

Used for light milling or finish cuts.  
Cutters less than 3/4" width have straight teeth. Cutters 3/4" wide and over have spiral teeth.  
Cutters come with Left Hand spiral, Right Hand cut.

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">PI2510</a>	2-1/2	3/16	1	18
<a href="#">PI2520</a>	2-1/2	1/4	1	18
<a href="#">PI2530</a>	2-1/2	5/16	1	18
<a href="#">PI2540</a>	2-1/2	3/8	1	18
<a href="#">PI2550</a>	2-1/2	7/16	1	18
<a href="#">PI2560</a>	2-1/2	1/2	1	18
<a href="#">PI2570</a>	2-1/2	5/8	1	18
<a href="#">PI2585</a>	2-1/2	3/4	1	14
<a href="#">PI2595</a>	2-1/2	1	1	14
<a href="#">PI25105</a>	2-1/2	1-1/2	1	14
<a href="#">PI25115</a>	2-1/2	2	1	14
<a href="#">PI25125</a>	2-1/2	2-1/2	1	14
<a href="#">PI25135</a>	2-1/2	3	1	14
<a href="#">PI305</a>	3	3/16	1	18
<a href="#">PI315</a>	3	1/4	1	18
<a href="#">PI325</a>	3	5/16	1	18
<a href="#">PI335</a>	3	3/8	1	18
<a href="#">PI345</a>	3	7/16	1	18
<a href="#">PI355</a>	3	1/2	1	18
<a href="#">PI365</a>	3	5/8	1	18
<a href="#">PI375</a>	3	3/4	1-1/4	16
<a href="#">PI385</a>	3	7/8	1-1/4	16
<a href="#">PI395</a>	3	1	1-1/4	16
<a href="#">PI3100</a>	3	1-1/4	1-1/4	16
<a href="#">PI3110</a>	3	1-1/2	1-1/4	16
<a href="#">PI3120</a>	3	2	1-1/4	16
<a href="#">PI3130</a>	3	2-1/2	1-1/4	16
<a href="#">PI3140</a>	3	3	1-1/4	16
<a href="#">PI410</a>	4	1/4	1	24
<a href="#">PI420</a>	4	5/16	1	24
<a href="#">PI430</a>	4	3/8	1	24
<a href="#">PI440</a>	4	1/2	1-1/4	24
<a href="#">PI450</a>	4	5/8	1-1/4	24
<a href="#">PI455</a>	4	3/4	1-1/4	20
<a href="#">PI460</a>	4	1	1-1/4	20
<a href="#">PI465</a>	4	1-1/2	1-1/4	20
<a href="#">PI470</a>	4	2	1-1/4	20
<a href="#">PI475</a>	4	3	1-1/4	20
<a href="#">PI480</a>	4	4	1-1/4	20

## Light Duty



## Heavy Duty



## Heavy Duty

Heavy Duty Plain Milling Cutters 45°, Left Hand spiral - Right Hand cut.

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">PH2501</a>	2-1/2	2	1	8
<a href="#">PH2506</a>	2-1/2	4	1	8
<a href="#">PH3010</a>	3	1-1/4	1-1/4	8
<a href="#">PH3015</a>	3	1-1/2	1-1/4	8
<a href="#">PH3020</a>	3	2	1-1/4	8
<a href="#">PH3030</a>	3	2-1/2	1-1/4	8
<a href="#">PH3040</a>	3	3	1-1/4	8
<a href="#">PH3050</a>	3	4	1-1/4	8
<a href="#">PH3060</a>	3	6	1-1/4	8
<a href="#">PH4010</a>	4	2	1-1/2	10
<a href="#">PH4020</a>	4	3	1-1/2	10
<a href="#">PH4030</a>	4	4	1-1/2	10
<a href="#">PH4040</a>	4	6	1-1/2	10

# Half Side Milling Cutters



## Right Hand Milling Cutters

Catalog No.	Diam.	Width	Hole Size	No. of Teeth
<a href="#">HSM4750-RH</a>	4	3/4	1-1/4	16
<a href="#">HSM5750-RH</a>	5	3/4	1-1/4	18
<a href="#">HSM6750-RH</a>	6	3/4	1-1/4	20
<a href="#">HSM6100-RH</a>	6	1	1-1/2	20

## Left Hand Milling Cutters

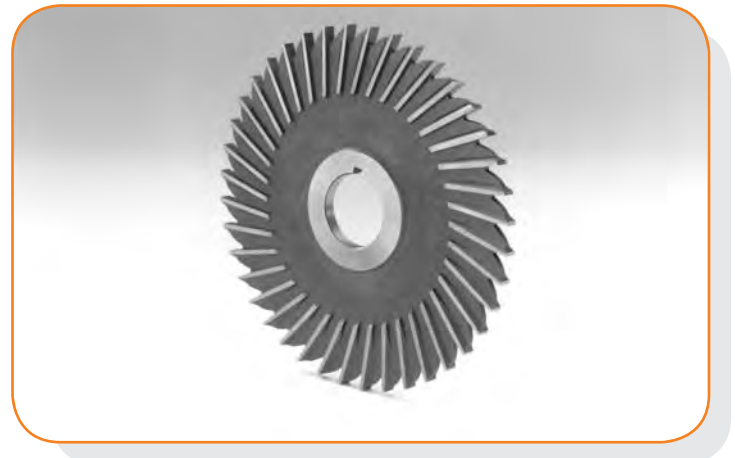
Catalog No.	Diam.	Width	Hole Size	No. of Teeth
<a href="#">HSM4750-LH</a>	4	3/4	1-1/4	16
<a href="#">HSM5750-LH</a>	5	3/4	1-1/4	18
<a href="#">HSM6750-LH</a>	6	3/4	1-1/4	20
<a href="#">HSM6100-LH</a>	6	1	1-1/2	20



# Metal Slitting Saws – Straight Tooth

For Cobalt Saws, see page 32.  
Saws with Full Radius, see page 21.

**CORNER RADIUS-ALTERED WIDTH  
ALL TOOLS IN THIS CATALOG  
CAN BE ALTERED AND SHIPPED  
IN LESS THAN 48 HOURS**



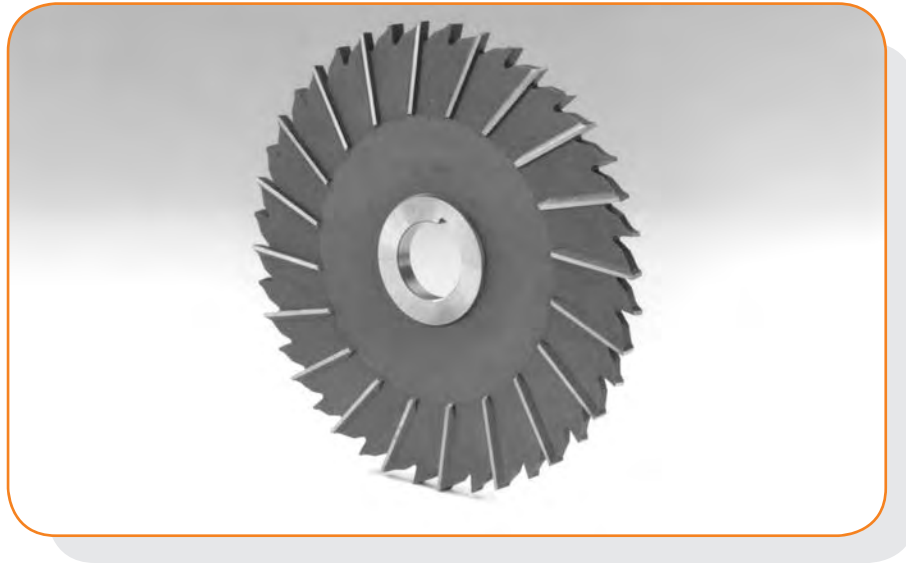
## Straight Tooth - With Side Teeth

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">SS2562</a>	2-1/2	1/16	7/8	28
<a href="#">SS2593</a>	2-1/2	3/32	7/8	28
<a href="#">SS25125</a>	2-1/2	1/8	7/8	28
<a href="#">SS362</a>	3	1/16	1	32
<a href="#">SS378</a>	3	5/64	1	32
<a href="#">SS393</a>	3	3/32	1	32
<a href="#">SS3109</a>	3	7/64	1	32
<a href="#">SS3125</a>	3	1/8	1	32
<a href="#">SS3125-1</a>	3	1/8	1-1/4	32
<a href="#">SS3140</a>	3	9/64	1	32
<a href="#">SS3156</a>	3	5/32	1	32
<a href="#">SS3171</a>	3	11/64	1	32
<a href="#">SS3187</a>	3	3/16	1	32
<a href="#">SS3218</a>	3	7/32	1	32
<a href="#">SS3250</a>	3	1/4	1	32
<a href="#">SS462</a>	4	1/16	1	36
<a href="#">SS462-1</a>	4	1/16	1-1/4	36
<a href="#">SS478</a>	4	5/64	1	36
<a href="#">SS478-1</a>	4	5/64	1-1/4	36
<a href="#">SS493</a>	4	3/32	1	36
<a href="#">SS493-1</a>	4	3/32	1-1/4	36
<a href="#">SS4109</a>	4	7/64	1	36
<a href="#">SS4109-1</a>	4	7/64	1-1/4	36
<a href="#">SS4125</a>	4	1/8	1	36
<a href="#">SS4125-1</a>	4	1/8	1-1/4	36
<a href="#">SS4140</a>	4	9/64	1	36
<a href="#">SS4140-1</a>	4	9/64	1-1/4	36
<a href="#">SS4156</a>	4	5/32	1	36
<a href="#">SS4156-1</a>	4	5/32	1-1/4	36
<a href="#">SS4171</a>	4	11/64	1	36
<a href="#">SS4171-1</a>	4	11/64	1-1/4	36
<a href="#">SS4187</a>	4	3/16	1	36
<a href="#">SS4187-1</a>	4	3/16	1-1/4	36
<a href="#">SS4218</a>	4	7/32	1	36
<a href="#">SS4218-1</a>	4	7/32	1-1/4	36
<a href="#">SS4250</a>	4	1/4	1	36
<a href="#">SS4250-1</a>	4	1/4	1-1/4	36
<a href="#">SS562</a>	5	1/16	1	40
<a href="#">SS562-1</a>	5	1/16	1-1/4	40
<a href="#">SS593</a>	5	3/32	1	40

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">SS593-1</a>	5	3/32	1-1/4	40
<a href="#">SS5109</a>	5	7/64	1	40
<a href="#">SS5109-1</a>	5	7/64	1-1/4	40
<a href="#">SS5125</a>	5	1/8	1	40
<a href="#">SS5125-1</a>	5	1/8	1-1/4	40
<a href="#">SS5140</a>	5	9/64	1	40
<a href="#">SS5140-1</a>	5	9/64	1-1/4	40
<a href="#">SS5156</a>	5	5/32	1	40
<a href="#">SS5156-1</a>	5	5/32	1-1/4	40
<a href="#">SS5171</a>	5	11/64	1	40
<a href="#">SS5171-1</a>	5	11/64	1-1/4	40
<a href="#">SS5187</a>	5	3/16	1	40
<a href="#">SS5187-1</a>	5	3/16	1-1/4	40
<a href="#">SS5218</a>	5	7/32	1	40
<a href="#">SS5218-1</a>	5	7/32	1-1/4	40
<a href="#">SS5250</a>	5	1/4	1	40
<a href="#">SS5250-1</a>	5	1/4	1-1/4	40
<a href="#">SS693</a>	6	3/32	1	48
<a href="#">SS693-1</a>	6	3/32	1-1/4	48
<a href="#">SS6109</a>	6	7/64	1	48
<a href="#">SS6109-1</a>	6	7/64	1-1/4	48
<a href="#">SS6125</a>	6	1/8	1	48
<a href="#">SS6125-1</a>	6	1/8	1-1/4	48
<a href="#">SS6140</a>	6	9/64	1	48
<a href="#">SS6140-1</a>	6	9/64	1-1/4	48
<a href="#">SS6156</a>	6	5/32	1	48
<a href="#">SS6156-1</a>	6	5/32	1-1/4	48
<a href="#">SS6171</a>	6	11/64	1	48
<a href="#">SS6171-1</a>	6	11/64	1-1/4	48
<a href="#">SS6187</a>	6	3/16	1	48
<a href="#">SS6187-1</a>	6	3/16	1-1/4	48
<a href="#">SS6218</a>	6	7/32	1	48
<a href="#">SS6218-1</a>	6	7/32	1-1/4	48
<a href="#">SS6250</a>	6	1/4	1	48
<a href="#">SS6250-1</a>	6	1/4	1-1/4	48
<a href="#">SS6375</a>	6	3/8	1	48
<a href="#">SS6375-1</a>	6	3/8	1-1/4	48
<a href="#">SS8125-1</a>	8	1/8	1-1/4	42
<a href="#">SS8187-1</a>	8	3/16	1-1/4	42
<a href="#">SS8250-1</a>	8	1/4	1-1/4	42

# Metal Slitting Saws – Staggered Tooth

For Cobalt Saws, see page 32.



## Staggered Tooth

The staggered tooth metal slitting saws have side chip clearance and peripheral teeth which provide an alternative shearing action. This allows for faster chip removal and deeper cuts when a heavy feed is necessary.

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">STS362</a>	3	1/16	1	28
<a href="#">STS378</a>	3	5/64	1	28
<a href="#">STS393</a>	3	3/32	1	28
<a href="#">STS3109</a>	3	7/64	1	28
<a href="#">STS3125</a>	3	1/8	1	28
<a href="#">STS3140</a>	3	9/64	1	28
<a href="#">STS3156</a>	3	5/32	1	28
<a href="#">STS3171</a>	3	11/64	1	28
<a href="#">STS3187</a>	3	3/16	1	28
<a href="#">STS3218</a>	3	7/32	1	28
<a href="#">STS3250</a>	3	1/4	1	28
<a href="#">STS462</a>	4	1/16	1	32
<a href="#">STS478</a>	4	5/64	1	32
<a href="#">STS493</a>	4	3/32	1	32
<a href="#">STS4109</a>	4	7/64	1	32
<a href="#">STS4125</a>	4	1/8	1	32
<a href="#">STS4125-1</a>	4	1/8	1-1/4	32
<a href="#">STS4140</a>	4	9/64	1	32
<a href="#">STS4156</a>	4	5/32	1	32
<a href="#">STS4156-1</a>	4	5/32	1-1/4	32
<a href="#">STS4171</a>	4	11/64	1	32
<a href="#">STS4171-1</a>	4	11/64	1-1/4	32
<a href="#">STS4187</a>	4	3/16	1	32
<a href="#">STS4187-1</a>	4	3/16	1-1/4	32
<a href="#">STS4218</a>	4	7/32	1	32
<a href="#">STS42118-1</a>	4	7/32	1-1/4	32
<a href="#">STS4250</a>	4	1/4	1	32
<a href="#">STS593</a>	5	3/32	1	36

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">STS5125</a>	5	1/8	1	36
<a href="#">STS5125-1</a>	5	1/8	1-1/4	36
<a href="#">STS5140</a>	5	9/64	1	36
<a href="#">STS5156</a>	5	5/32	1	36
<a href="#">STS5156-1</a>	5	5/32	1-1/4	36
<a href="#">STS5171</a>	5	11/64	1	36
<a href="#">STS5187</a>	5	3/16	1	36
<a href="#">STS5187-1</a>	5	3/16	1-1/4	36
<a href="#">STS5218</a>	5	7/32	1	36
<a href="#">STS5218-1</a>	5	7/32	1-1/4	36
<a href="#">STS5250</a>	5	1/4	1	36
<a href="#">STS5250-1</a>	5	1/4	1-1/4	36
<a href="#">STS6125</a>	6	1/8	1	40
<a href="#">STS6125-1</a>	6	1/8	1-1/4	40
<a href="#">STS6140</a>	6	9/64	1	40
<a href="#">STS6140-1</a>	6	9/64	1-1/4	40
<a href="#">STS6156</a>	6	5/32	1	40
<a href="#">STS6156-1</a>	6	5/32	1-1/4	40
<a href="#">STS6171</a>	6	11/64	1	40
<a href="#">STS6187</a>	6	3/16	1	40
<a href="#">STS6187-1</a>	6	3/16	1-1/4	40
<a href="#">STS6218</a>	6	7/32	1	40
<a href="#">STS6218-1</a>	6	7/32	1-1/4	40
<a href="#">STS6250</a>	6	1/4	1	40
<a href="#">STS6250-1</a>	6	1/4	1-1/4	40
<a href="#">STS8125</a>	8	1/8	1	48
<a href="#">STS8125-1</a>	8	1/8	1-1/4	48
<a href="#">STS8187-1</a>	8	3/16	1-1/4	48
<a href="#">STS8250-1</a>	8	1/4	1-1/4	48

# Plain Metal Slitting Saws

## Concave Sides Without Side Teeth

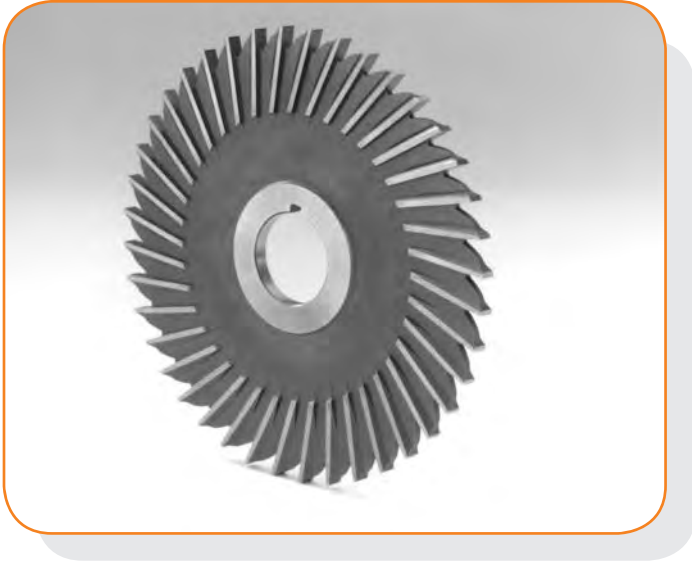
These saws are made with a standard keyway and the sides are ground concave to a hub for clearance. It is recommended that these saws be revolved by a key extending into the collars on both sides.



**CORNER RADIUS-ALTERED WIDTH  
ALL TOOLS IN THIS CATALOG  
CAN BE ALTERED AND SHIPPED  
IN LESS THAN 48 HOURS**

Catalog No.	Cutter Diam.	Width	Hole Size	No. of Teeth
<a href="#">PS2531</a>	2-1/2	1/32	7/8	28
<a href="#">PS2548</a>	2-1/2	3/64	7/8	28
<a href="#">PS2562</a>	2-1/2	1/16	7/8	28
<a href="#">PS2593</a>	2-1/2	3/32	7/8	28
<a href="#">PS25125</a>	2-1/2	1/8	7/8	28
<a href="#">PS331</a>	3	1/32	1	32
<a href="#">PS348</a>	3	3/64	1	32
<a href="#">PS362</a>	3	1/16	1	32
<a href="#">PS378</a>	3	5/64	1	32
<a href="#">PS393</a>	3	3/32	1	32
<a href="#">PS3109</a>	3	7/64	1	32
<a href="#">PS3125</a>	3	1/8	1	32
<a href="#">PS3140</a>	3	9/64	1	32
<a href="#">PS3156</a>	3	5/32	1	32
<a href="#">PS3171</a>	3	11/64	1	32
<a href="#">PS3187</a>	3	3/16	1	32
<a href="#">PS431</a>	4	1/32	1	36
<a href="#">PS446</a>	4	3/64	1	36
<a href="#">PS462</a>	4	1/16	1	36
<a href="#">PS478</a>	4	5/64	1	36
<a href="#">PS493</a>	4	3/32	1	36
<a href="#">PS493-1</a>	4	3/32	1	36
<a href="#">PS4109</a>	4	7/64	1	36
<a href="#">PS4125</a>	4	1/8	1	36
<a href="#">PS4140</a>	4	9/64	1	36
<a href="#">PS4156</a>	4	5/32	1	36
<a href="#">PS4171</a>	4	11/64	1	36
<a href="#">PS4187</a>	4	3/16	1	36
<a href="#">PS562</a>	5	1/16	1	40
<a href="#">PS578</a>	5	5/64	1	40
<a href="#">PS593</a>	5	3/32	1	40
<a href="#">PS593-1</a>	5	3/32	1 1/4	40
<a href="#">PS5109</a>	5	7/64	1	40
<a href="#">PS5125</a>	5	1/8	1	40
<a href="#">PS5125-1</a>	5	1/8	1-1/4	40
<a href="#">PS5140</a>	5	9/64	1	40
<a href="#">PS5140-1</a>	5	9/64	1-1/4	40
<a href="#">PS5156</a>	5	5/32	1	40
<a href="#">PS5171</a>	5	11/64	1	40
<a href="#">PS5187</a>	5	3/16	1	40
<a href="#">PS678</a>	6	5/64	1	48
<a href="#">PS693</a>	6	3/32	1	48
<a href="#">PS6125</a>	6	1/8	1	48
<a href="#">PS6125-1</a>	6	1/8	1-1/4	48
<a href="#">PS6187</a>	6	3/16	1	48
<a href="#">PS6187-1</a>	6	3/16	1-1/4	48
<a href="#">PS8125</a>	8	1/8	1	48
<a href="#">PS8125-1</a>	8	1/8	1-1/4	48

## Cobalt Slitting Saws – Straight Tooth



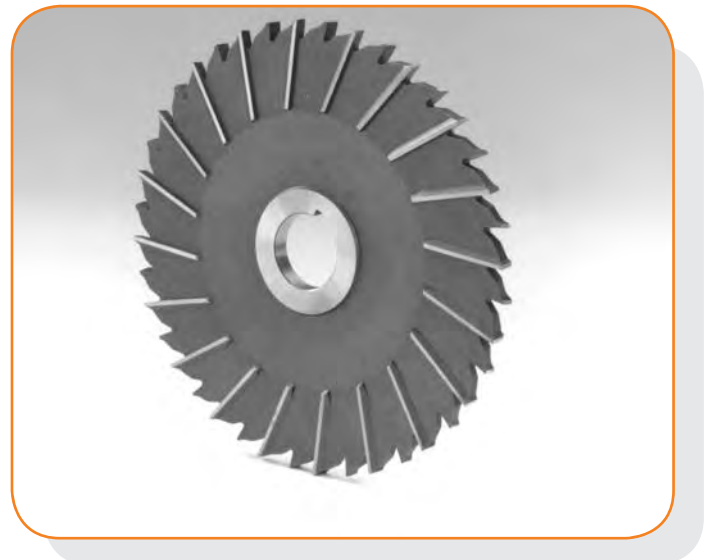
For Full Radius, see page 21.

Catalog No.	Cutter Diam.	Width	Hole Size
<a href="#">CSS362</a>	3	1/16	1
<a href="#">CSS393</a>	3	3/32	1
<a href="#">CSS3125</a>	3	1/8	1
<a href="#">CSS3156</a>	3	5/32	1
<a href="#">CSS3171</a>	3	11/64	1
<a href="#">CSS3187</a>	3	3/16	1
<a href="#">CSS3218</a>	3	7/32	1
<a href="#">CSS3250</a>	3	1/4	1
<a href="#">CSS3281</a>	3	9/32	1
<a href="#">CSS462</a>	4	1/16	1
<a href="#">CSS462-1</a>	4	1/16	1-1/4
<a href="#">CSS493</a>	4	3/32	1
<a href="#">CSS493-1</a>	4	3/32	1-1/4
<a href="#">CSS4125</a>	4	1/8	1
<a href="#">CSS4125-1</a>	4	1/8	1-1/4
<a href="#">CSS4140</a>	4	9/64	1
<a href="#">CSS4156</a>	4	5/32	1
<a href="#">CSS4156-1</a>	4	5/32	1-1/4
<a href="#">CSS4187</a>	4	3/16	1
<a href="#">CSS4187-1</a>	4	3/16	1-1/4
<a href="#">CSS4250</a>	4	1/4	1
<a href="#">CSS4250-1</a>	4	1/4	1-1/4
<a href="#">CSS6125-1</a>	6	1/8	1-1/4
<a href="#">CSS6156-1</a>	6	5/32	1-1/4
<a href="#">CSS6187-1</a>	6	3/16	1-1/4
<a href="#">CSS6250-1</a>	6	1/4	1-1/4

## Cobalt Slitting Saws – Staggered Tooth

For Full Radius, see page 21.

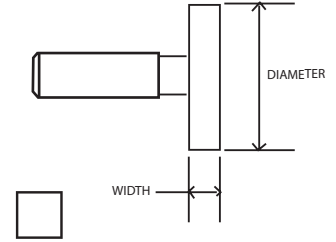
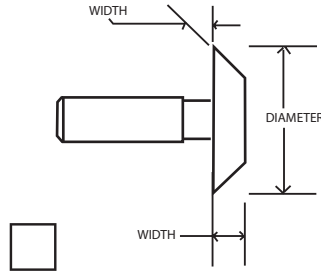
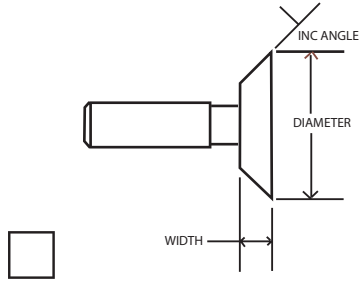
Catalog No.	Cutter Diam.	Width	Hole Size
<a href="#">CSTS3125</a>	3	1/8	1
<a href="#">CSTS3156</a>	3	5/32	1
<a href="#">CSTS3187</a>	3	3/16	1
<a href="#">CSTS3250</a>	3	1/4	1
<a href="#">CSTS4125</a>	4	1/8	1
<a href="#">CSTS4125-1</a>	4	1/8	1-1/4
<a href="#">CSTS4140</a>	4	9/64	1
<a href="#">CSTS4156</a>	4	5/32	1
<a href="#">CSTS4156-1</a>	4	5/32	1-1/4
<a href="#">CSTS4187</a>	4	3/16	1
<a href="#">CSTS4187-1</a>	4	3/16	1-1/4
<a href="#">CSTS4250</a>	4	1/4	1
<a href="#">CSTS4250-1</a>	4	1/4	1-1/4
<a href="#">CSTS6125-1</a>	6	1/8	1-1/4
<a href="#">CSTS6156-1</a>	6	5/32	1-1/4
<a href="#">CSTS6187-1</a>	6	3/16	1-1/4
<a href="#">CSTS6250-1</a>	6	1/4	1-1/4





# SHANK TYPE SPECIALS

**PLEASE FILL OUT AND FAX TO 203-281-4197  
FOR A QUICK QUOTATION**



**DIMENSION:** Diameter \_\_\_\_\_  
 Width \_\_\_\_\_  
 Inc Angle \_\_\_\_\_  
 Shank Dia \_\_\_\_\_  
 Radius \_\_\_\_\_  
 Number of Teeth \_\_\_\_\_

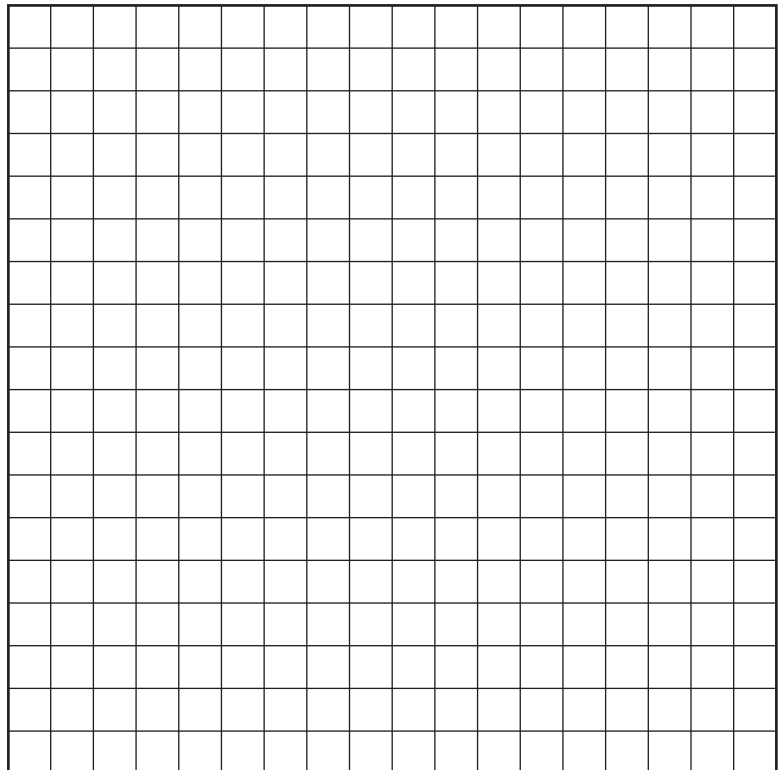
**MATERIAL :**  High Speed Steel  
 M-42 Cobalt  
 T-15 Cobalt  
 Carbide Tipped

**COATING :**  TiN  
 TiALN  
 TiCN  
 UnCoated

**QUANTITY :**  ONE  
 TWO  
 THREE  
 SIX  
 TWELVE  
 OTHER \_\_\_\_\_

**Tooth Style :**  Straight Tooth  
 Staggered Tooth  
 Right Hand  
 Left Hand  
**Side Teeth :**  With Side Teeth  
 Without Side Teeth

Use this grid to draft your cutter.  
Please provide any special features and dimensions.



**COMPANY NAME** \_\_\_\_\_ **PHONE** \_\_\_\_\_

**CONTACT NAME** \_\_\_\_\_ **FAX** \_\_\_\_\_



# FEEDS & SPEEDS

Feeds & speeds are a starting recommendation only. Factors such as machine, fixture and tooling rigidity, horsepower available, coolant application and others will affect the performance significantly. Please read machine operators instructions and use all safety shields and glasses before performing these operations.

MAT CLASS	MATERIAL	BRINELL	CARB SIDEMILLING		HSS SIDEMILLING		CARB KEYSEATING		HSS KEYSEATING	
			SFPM	IPT	SFPM	IPT	SFPM	IPT	SFPM	IPT
NON FERROUS SOFT	ALUMINUM ALLOY-WROUGHT	30/150	1000-2000	.004-.008	600-700	.002-.007	1200	.002-.006	600-700	.002-.007
	MAGNESIUM ALLOY	50/90	750-1500	.004-.008	400-500	.002-.007	1000	.002-.006	400-500	.002-.007
	NON METAL-PLASTIC	XXX	1500-3000	.004-.008	800-1000	.002-.007	1500	.002-.006	800-1000	.002-.007
	ZINC ALLOY-CAST	80/100	750-15000	.004-.008	400-500	.002-.007	750-1000	.002-.006	400-500	.002-.007
NON FERROUS HARD	ALUMINUM BRONZE	40/175	200-600	.005-.010	100-300	.002-.007	200-600	.002-.006	100-300	.002-.007
	BRASS ALLOY FREE CUTTING - LEADED	10/100	400-800	.003-.006	175-400	.002-.007	400-550	.002-.006	175-400	.002-.007
	NICKEL SILVER	10/100	200-400	.004-.008	70-150	.002-.007	200-400	.002-.006	70-150	.002-.007
	COPPER ALLOY TOUGH	40/200	200-500	.003-.006	80-175	.002-.007	200-500	.002-.006	80-175	.002-.007
CAST IRONS	DUCTILE CAST IRON-AUSTENITIC	120/275	75-150	.004-.008	40-60	.001-.005	75-150	.002-.006	40-60	.001-.005
	DUCTILE CAST IRON-FERRITIC	140/270	250-400	.002-.004	40-60	.001-.005	200-400	.002-.006	40-60	.001-.005
	DUCTILE CAST IRON-MARTENSITIC	270/440	250-300	.003-.006	40-60	.001-.005	150-350	.002-.006	40-60	.001-.005
	GREY-PEARLITIC	220/320	120-300	.002-.004	40-60	.001-.005	150-300	.002-.006	40-60	.001-.005
	GRAY-FERRITIC	110/240	250-425	.003-.006	40-60	.001-.005	220-410	.002-.006	40-60	.001-.005
	MALLEABLE CAST IRON-MARTENSIC	200/320	130-225	.002-.004	100-130	.001-.005	130-300	.002-.006	100-130	.001-.005
LOW CARBON STEELS	LOW AND MEDIUM CARBON-FREE MACH	100/250	250-500	.003-.006	50-70	.001-.005	200-500	.001-.005	50-70	.001-.005
	LOW AND MEDIUM CARBON-WROUGHT	100/375	200-400	.002-.004	30-40	.001-.005	200-400	.001-.005	30-40	.001-.005
MEDIUM STRENGTH STEEL	LOW AND MEDIUM CARBON ALLOY-FREE	100/275	200-400	.002-.004	15-45	.001-.005	200-400	.001-.005	15-45	.001-.005
	LOW AND MEDIUM CARBON ALLOY-STEEL	85/375	150-300	.002-.004	30-35	.001-.005	130-330	.001-.005	30-35	.001-.005
	STAINLESS 400	135/325	200-400	.002-.004	15-45	.0005-.002	135-375	.001-.005	15-45	.0005-.002
	STAINLESS 400-FREE MACHINING	135/275	250-500	.003-.006	15-45	.0005-.002	250-500	.001-.005	15-45	.0005-.002
HIGH STRENGTH	HIGH STRENGTH STEEL-WROUGHT-TOOL	175/400	75-150	.003-.006	10-15	.0005-.002	75-200	.001-.004	10-15	.0005-.002
HIGH TEMP ALLOYS	HIGH TEMP NICKEL/IRON BASE ALLOY	140/300	50-150	.002-.004	5-20	.0005-.002	50-150	.001-.004	5-20	.0005-.002
	STAINLESS STEEL-300 SERIES	135/375	75-150	.002-.004	15-25	.0005-.002	75-175	.001-.004	15-25	.0005-.002
	STAINLESS-PH SERIES	150/440	75-150	.002-.004	15-25	.0005-.002	75-175	.001-.004	15-25	.0005-.002
	TITANIUM ALLOY	110/380	100-200	.002-.004	15-25	.0005-.002	75-200	.001-.004	15-25	.0005-.002

**RPM = SFPM X 3.82 / CUTTER DIAMETER**

**IPM = IPT X RPM X # TEETH**

**IPT = INCHES PER TOOTH**

**IPM = INCHES PER MINUTE**

**RPM = REVOLUTION PER MINUTE**

**SFPM = SURFACE FEET PER MINUTE**

**CUTTER DIAMETER = DIAMETER OF CUTTER IN INCHES**

Take  
advantage of

## Just-In-Time Tooling

There's no reason for you to order special cutters long in advance of your actual need for them, not when you have Moon Cutter to lean on.

You'll be leaning on Moon's expertise in design and production – more than forty years of it. Our complete in-house capabilities (which also include heat treating) enable us to deliver the finest quality "specials" almost as fast as you can design them.

And you'll get them for just-in-time tooling...you can depend on it!

## Standard Cutters In Stock!

*Main Office:*

**Moon Cutter Company, Inc.**  
2969 State Street  
Hamden, Connecticut 06517

**Toll Free: 1-800-243-2035**  
**Telephone: 203-288-9249**  
**Fax: 203-281-4197**

*West Coast Warehouse:*

**M.C. Sales and Marketing**  
Huntington Beach, California

**Toll Free: 1-888-299-8665**  
**Telephone: 714-901-8589**  
**Fax: 714-901-8579**



**MOON**  
Cutter Co., Inc.

**2969 State Street • Hamden, CT 06517**  
**Telephone: 1-800-243-2035 • 203-288-9249**  
**Fax: 203-281-4197 • [www.mooncutter.com](http://www.mooncutter.com)**