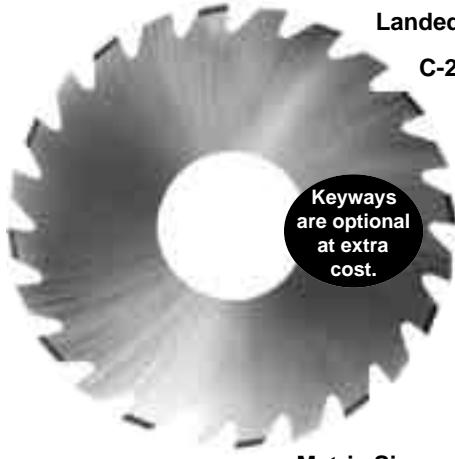


SOLID CARBIDE - TYPE SMF COPPER SLITTING / RISER SLOTING SAWS

Used for cutting rolled Aluminum and Copper — materials that produce long, stringy chips.



Landed Teeth

C-2 Carbide

Hollow Ground For Side Clearance

Keyways are optional at extra cost.



Alternately beveled teeth (see sketch) produce chips of less than the width of the slot being cut, eliminating the tendency of chips to clog.

NOTE:

For prices of thicknesses not shown, use next higher price in schedule. Other diameters, hole sizes, thicknesses, number of teeth, etc., also available on application.

Alternately Beveled Teeth

Thickness		O.D.	2-1/2"	3"	4"	5"	6"
Fraction	Decimal	Hole	7/8"	1"	1"	1"	1"
		No. of Teeth	20	24	26	32	36
3/16"	.1875"			XSMFD1562	XSMFE1875	XSMFF1875	XSMFG1875
5/32"	.1562"			XSMFD1250	XSMFE1562	XSMFF1562	XSMFG1562
1/8"	.1250"		XSMFH1250	XSMFD1250	XSMFE1250	XSMFF1250	XSMFG1250
3/32"	.0937"		XSMFH0937	XSMFD0937	XSMFE0937	XSMFF0937	XSMFG0937
1/16"	.0625"		XSMFH0625	XSMFD0625	XSMFE0625	XSMFF0625	XSMFG0625
3/64"	.0468"		XSMFH0468	XSMFD0468	XSMFE0468	XSMFF0468	XSMFG0468
1/32"	.0312"		XSMFH0312	XSMFD0312	XSMFE0312		

Rake Angle of Teeth: 10° Positive

Metric Sizes Available

Tolerances: O.D. ±.005; Thickness ±.0005; I.D. +.001 -.000
Closer tolerances available at additional cost.

Speed should be approximately 50% greater than HSS.

COATING SERVICE

*TiN, TiCN and other surface coatings are available.
Prices on application.*

RESHARPENING SERVICE

*Complete resharpening service is available.
Prices on application.*

SOLID CARBIDE PRECISION RISER SLOTING / COPPER SLITTING SAWS / (JOYAL®)

Used for slotting copper commutator risers and other materials that produce long, stringy chips.

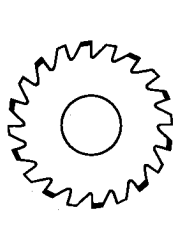
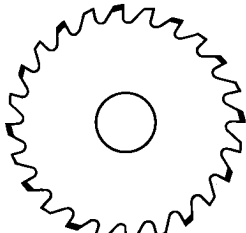
The two styles of saws shown are for Commutator Riser Slotting.

These saws are precision ground on all surfaces; dimensions are shown under the actual size illustrations at right. Formed teeth are on center, with a 15° back-off and 45° alternate bevel which is 1/3 the width of the tooth. Saws are hollow-ground to provide clearance between the periphery and the hole.

Catalog Number

V-75-20FAB, 7/8" x 5/16", 18 TeethTUNSW7518__ __ __ (*Specify Thickness)

V-105-30FAB, 1-1/4" x 5/16", 22 Teeth . . .TUNSW10522__ __ __ (*Specify Thickness)

Type W-75-18FAB	Type W-105-22FAB
7/8" O.D. x 5/16" I.D. 18 Teeth	1-1/4" O.D. x 5/16" I.D. 22 Teeth
	

Specify Thicknesses when ordering.

C-2 Solid Carbide.

*Saws are stocked in thicknesses from .010" through .069" in .001" increments.

Thickness tolerances are ± .0005".