Tools for SAWING

Saws
Scan this code to:

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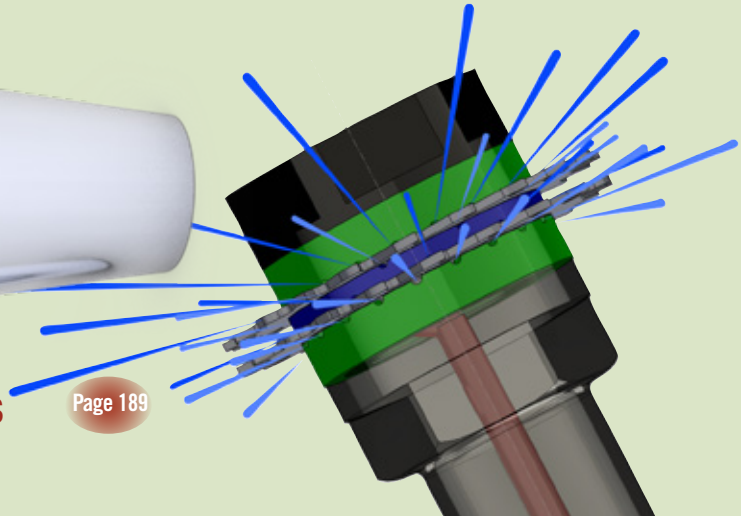
Featured Tools: The K-Series Solves ALL Your Saw Problems

"The best saw we have ever used! It solved all our problems."

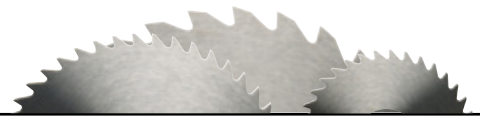
- Use any time the saw depth is more than 5x the saw thickness
- Double Concavity
- Alternate Tooth Chamfer
- Flat and Parallel Hubs

ALL NEW



SA-ER Solid Saw Arbors Page 192

CF Solid Carbide Thru-Coolant Saw Flanges Page 189



Saw Quantity Discount

1–2 of a size	Net
3–6	Less 5%
7–24	Less 10%
25 or more	Less 15%

Quantity discounts apply to any standard slitting saws from .002" - .250" thickness

Saws made for gangs with special tolerances are priced on application.

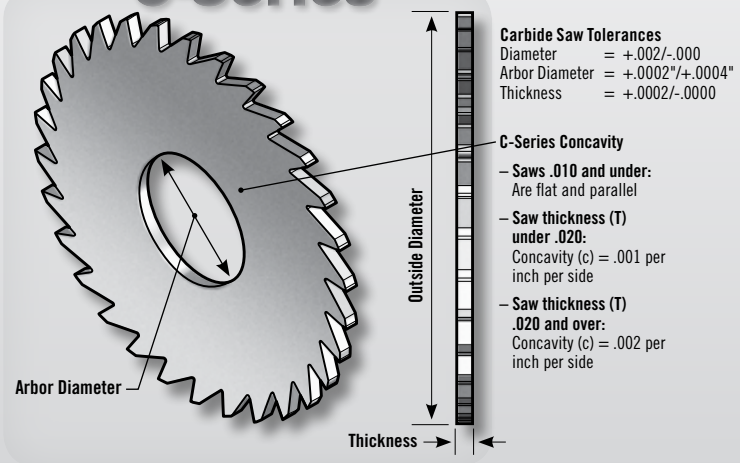
Note: Saws thinner than .0100" or 0.254MM thick are considered specials and may not be returned

Pricing Special Decimal Thicknesses

To price a saw thickness not listed in the catalog, use the price of the closest thicker standard saw.

SAWS

C-Series



Carbide Saw Tolerances
Diameter = +.002/-.000
Arbor Diameter = +.0002"/+.0004"
Thickness = +.0002/-.0000

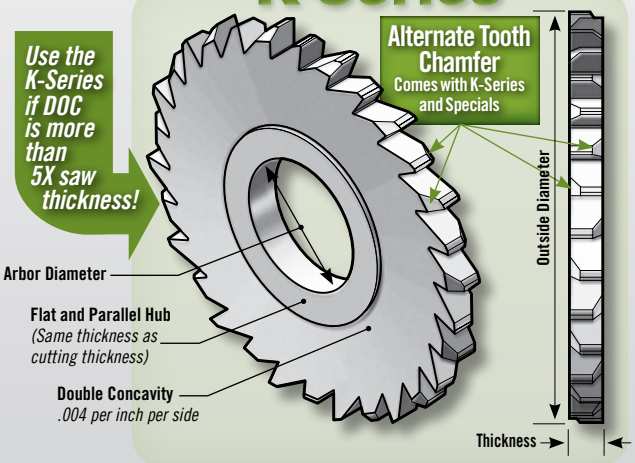
C-Series Concavity
- **Saws .010 and under:** Are flat and parallel
- **Saw thickness (T) under .020:** Concavity (c) = .001 per inch per side
- **Saw thickness (T) .020 and over:** Concavity (c) = .002 per inch per side

BEST PERFORMANCE!

K-Series

Use the K-Series if DOC is more than 5X saw thickness!

Alternate Tooth Chamfer Comes with K-Series and Specials



Formulas

INCH SIZES		
Surface Feet per Minute	=	RPM x .262 x Tool Diameter
RPM	=	Surface Feet per Minute x 3.82 / Tool Diameter
Feed Rate (in/min.)	=	RPM x Chip Load per Tooth x Number of Teeth
Chip Load Per Tooth	=	in/min. / RPM x Number of Teeth
in³/min	=	Width x Depth x Inches per Minute
Horsepower	=	1.341 x kW

METRIC SIZES		
Surface Meters per Minute	=	RPM x .00314 x Tool Diameter
RPM	=	Surface Meters per Minute x 318.057 / Tool Diameter
Feed Rate (mm/min.)	=	RPM x Chip Load per Tooth x Number of Teeth
Chip Load Per Tooth	=	mm/min. / RPM x Number of Teeth
cm³/min	=	Width (mm) x Depth (mm) x mm per Minute / 1000
Horsepower	=	1.341 x kW
kW	=	.7457 x Horsepower

RobbJack Saw Features

All RobbJack saws are designed for use individually and have concavity (dish). Saws which are to be assembled in gangs should have flat hubs (plus concavity to depth of cut) to assure spacing accuracy.

O.D. Tolerances:	+.002"/-.000"
Concavity:	See drawing above
Coarse Pitch:	(10° rake) for non-ferrous material
Fine Pitch:	(5° rake) for ferrous material
Gang Saws:	With integral hubs available
I.D. Tolerance:	+.0002"/+.0004" to assure proper arbor fit and for reduced O.D. runout
48 Hour Availability:	Any thickness from .008" to .250"
Thickness Tolerance:	+.0002"/-.000" to assure accuracy

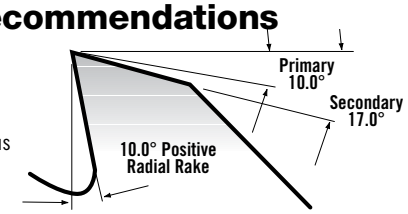
Application Guidelines

For standard side concavity:	See C-Series diagram above
If depth of cut exceeds 3 times saw thickness:	Use Double standard concavity (.004" per inch per side) or K-Series
If depth of cut exceeds 5 times saw thickness:	Use K-Series Saws
Saw diameter concentricity:	Should be within .001" when assembled on arbor
When using more than one saw at a time:	A flat and parallel hub is used to ensure proper spacing
If steel flanges are used:	Select the largest diameter possible (see page 124)
Keyways:	Generally not used with solid carbide slitting saws, but are available upon request

Tooth Recommendations

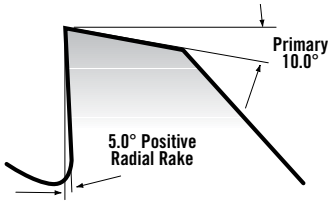
Coarse Pitch

Coarse Tooth recommended for use in non-ferrous materials.



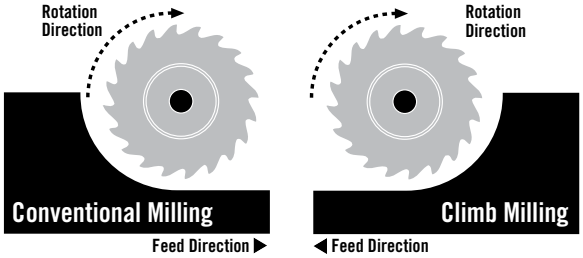
Fine Pitch

Fine Tooth recommended for use in ferrous materials.



Conventional Milling vs. Climb Milling

RobbJack recommends Climb Milling (as opposed to Conventional Milling) for most applications (assuming back-lash control in the machine). Climb Milling generally allows better flute engagement in the material, resulting in more efficient machining and superior part finishes. Conventional Milling can lead to work hardening in some ferrous materials.



Saw Speeds & Feeds

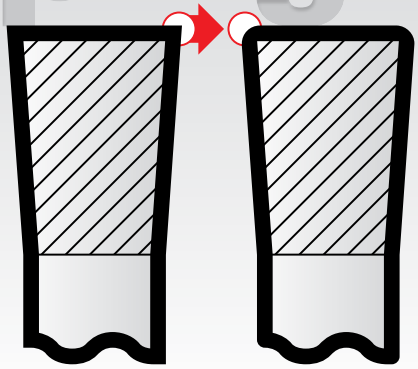
Material	Max Axial Depth/Pass (Times Thickness)	Teeth	Inch				Metric			
			SFM Surface Feet/Minute	Chip Load per Tooth – Standard			SMM Surface Meters/Minute	Chip Load per Tooth – Metric		
				Saw Thickness .002-.031	Saw Thickness .031-.100	Saw Thickness >.100		Saw Thickness .05mm-1.0mm	Saw Thickness 1.0mm-3.0mm	Saw Thickness >3.0mm
Aluminum / Non-Ferrous										
Ferrous										
2024	4	Coarse	3600	.000234"/.000273"	.000273"/.00052"	0.00052"	1100	.0059mm/.0069mm	.0069mm/.013mm	0.013mm
6061 (T1–T3)	4	Coarse	3600	.000234"/.000273"	.000273"/.00052"	0.00052"	1100	.0059mm/.0069mm	.0069mm/.013mm	0.013mm
6061 (T4–T6)	4	Coarse	3600	.000234"/.000273"	.000273"/.00052"	0.00052"	1100	.0059mm/.0069mm	.0069mm/.013mm	0.013mm
7075	4	Coarse	3600	.000234"/.000273"	.000273"/.00052"	0.00052"	1100	.0059mm/.0069mm	.0069mm/.013mm	0.013mm
Non-Ferrous										
Brass	4	Coarse	750	.000234"/.000273"	.000273"/.00052"	0.00052"	230	.0059mm/.0069mm	.0069mm/.013mm	0.013mm
Copper	4	Coarse	600	.000234"/.000273"	.000273"/.00052"	0.00052"	190	.0059mm/.0069mm	.0069mm/.013mm	0.013mm
Magnesium	4	Coarse	3600	.000234"/.000273"	.000273"/.00052"	0.00052"	1100	.0059mm/.0069mm	.0069mm/.013mm	0.013mm
Titanium, Steel and High-Temp Alloys										
Titanium										
Commercially Pure	2	Fine	700	.00018"/.00021"	.00021"/.0004"	0.0004"	210	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
6AL-4V	2	Fine	350	.00018"/.00021"	.00021"/.0004"	0.0004"	105	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
6AL-6V	2	Fine	230	.00018"/.00021"	.00021"/.0004"	0.0004"	70	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
Steel										
1018–1020	4	Fine	350	.00018"/.00021"	.00021"/.0004"	0.0004"	110	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
4130	2	Fine	260	.00018"/.00021"	.00021"/.0004"	0.0004"	80	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
4140	2	Fine	220	.00018"/.00021"	.00021"/.0004"	0.0004"	70	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
4340	2	Fine	280	.00018"/.00021"	.00021"/.0004"	0.0004"	90	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
Tool Steel Annealed										
A2	2	Fine	350	.00018"/.00021"	.00021"/.0004"	0.0004"	110	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
D2	2	Fine	260	.00018"/.00021"	.00021"/.0004"	0.0004"	80	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
H13	2	Fine	230	.00018"/.00021"	.00021"/.0004"	0.0004"	70	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
P20	2	Fine	350	.00018"/.00021"	.00021"/.0004"	0.0004"	110	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
Stainless Steel										
303	2	Fine	500	.00018"/.00021"	.00021"/.0004"	0.0004"	150	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
304	2	Fine	200	.00018"/.00021"	.00021"/.0004"	0.0004"	70	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
316	2	Fine	240	.00018"/.00021"	.00021"/.0004"	0.0004"	75	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
15-5 / 17-4 PH	2	Fine	200	.00018"/.00021"	.00021"/.0004"	0.0004"	60	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
440C	2	Fine	200	.00018"/.00021"	.00021"/.0004"	0.0004"	60	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
Inconel										
625 / 718	2	Fine	100	.00018"/.00021"	.00021"/.0004"	0.0004"	30	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
Composites										
G10 Fiberglass / Polyester	4	Coarse	1000	.000234"/.000273"	.000273"/.00052"	0.00052"	300	.0059mm/.0069mm	.0069mm/.013mm	0.013mm
Graphite	4	Coarse	1000	.000234"/.000273"	.000273"/.00052"	0.00052"	300	.0059mm/.0069mm	.0069mm/.013mm	0.013mm
Graphite Fiber / Epoxy	4	Coarse	800	.000234"/.000273"	.000273"/.00052"	0.00052"	250	.0059mm/.0069mm	.0069mm/.013mm	0.013mm
Other Material Applications										
Cast Iron										
Ductile Iron	2	Fine	350	.00018"/.00021"	.00021"/.0004"	0.0004"	110	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
Gray Cast Iron	2	Fine	500	.00018"/.00021"	.00021"/.0004"	0.0004"	150	.0046mm/.0053mm	.0053mm/.010mm	0.010mm
Wood & Plastics										
Wood	4	Coarse	3600	.000234"/.000273"	.000273"/.00052"	0.00052"	1100	.0059mm/.0069mm	.0069mm/.013mm	0.013mm
Plastics	4	Coarse	1600	.000234"/.000273"	.000273"/.00052"	0.00052"	400	.0059mm/.0069mm	.0069mm/.013mm	0.013mm

SAW MODIFICATIONS

Chipping?

T-Process

T-Process is a honed edge we put on a saw to help eliminate chipping.



Pros: T-Process strengthens the edge, helps eliminate chipping and gives a smooth edge.

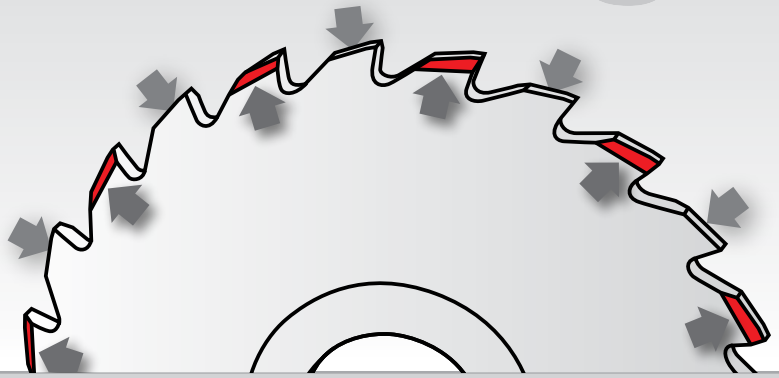
Cons: T-Process will bring up a burr in certain materials, it is not for materials that like a sharp edge, such as aluminum and plastics.

To order a RobbJack saw with a **T-Process**, use the existing standard *Part Number*, and add *-TP.*

Example: A 4" saw with a T-Process is Part Number:

C40-0312-32-36-TP
See price sheet for pricing

Binding?



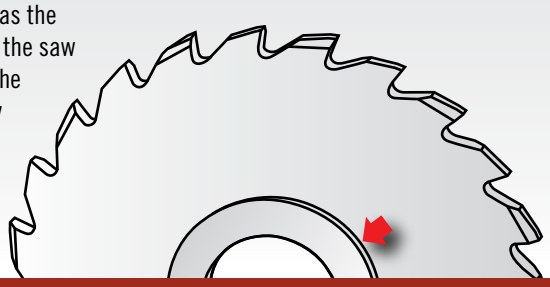
Alternate Tooth Chamfer

Alternate Tooth Chamfer is an alternating 45° grind on the teeth of the saw. It helps the saw from binding and aids in chip evacuation. Alternate Tooth Chamfer should be used on saws when the depth of cut is more than 5× the saw thickness and the saw is thicker than .020"

Use the New K-Series Part Number
(Please see Saw Section)

Slippage?

A saw Hub is a section of the saw where there is no concavity. It is a flat and parallel area that is the same thickness as the tooth cutting near the ID of the saw where the flange contacts the saw. Should be used on any saw that is used in cuts deeper than 3× the saw thickness. If the depth is more than 5× the saw thickness use with Alternate Tooth Chamfer, specify the K-Series Part Number.



Hub

Pros: Better surface contact with the flange of the arbor, saws run very true, reduces slippage problems

Cons: None

To order a RobbJack saw with a **Hub**, use the existing standard *Part Number*, and add *-H,* followed by *Hub Diameter.*

Example:
4" saw with a 2.000" diameter hub

C40-0312-32-36-H 2.000
See price sheet for pricing

Saws with coatings or other modifications are non returnable.

Keyway

High Torque Cuts?

A saw Keyway not usually recommended on saws thinner than .125" thick. If there are slippage problems you may first want to try a hub if the thickness is less than .125" thick.

Pros: Helps eliminate slippage problems on thick saws in high torque cuts

Cons: Can cause stress risers and cracks in saws thinner than .125" thick

To order a RobbJack saw with a **Keyway**, use the existing standard *Part Number*, and add *-K*.

Example:
4" saw with a 1/4"" keyway

C40-1250-32-36-K
See price sheet for pricing

Thickness?

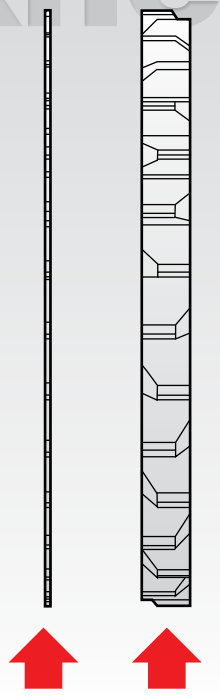
Saw Thickness

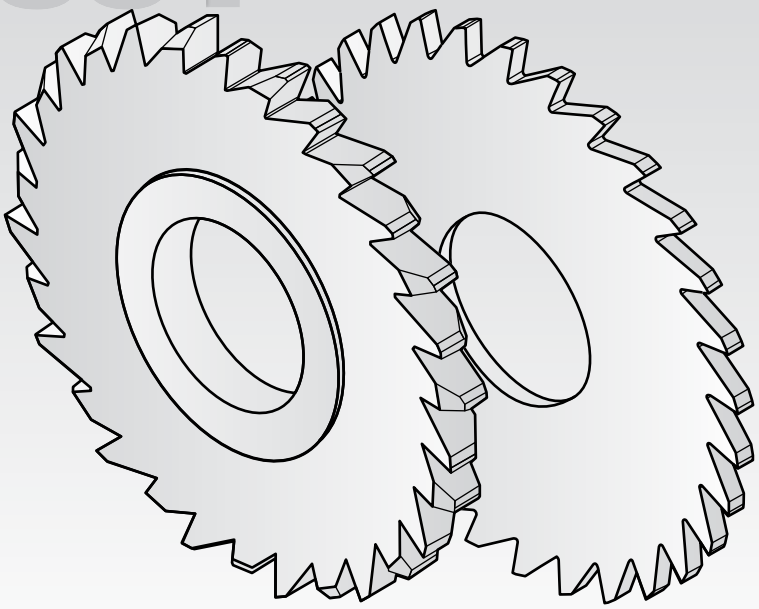
Any thickness from 0.0020" to 0.2500" is standard. To order any saw thickness in ten-thousandths of an inch, replace the middle 4 digits in the part number.

Example:

0.0567" saw thickness

C07-0567-08-20
See price sheet for pricing





Saws with coatings or other modifications are non returnable.

SAW MODIFICATIONS

TiN PVD Coating Titanium Nitride

TiN is a general purpose coating for ferrous materials. Some prefer TiN coating in kovar material others prefer AlTiN coating in kovar.

To order a RobbJack saw with a **TiN Coating**, use the existing standard Part Number, and add *-T*.

Example:

K25-0625-32-56-T
See price sheet for pricing

TiCN PVD Coating Titanium Carbo-Nitride

TiCN adds Carbon into the traditional TiN coating for added hardness and abrasion resistance.

To order a RobbJack saw with a **TiCN Coating**, use the existing standard Part Number, and add *-C*.

Example:

K25-0625-32-56-C
See price sheet for pricing

AlTiN PVD Coating Aluminum Titanium Nitride

The best PVD coating for high heat applications due to its ability to resist high temperatures. Used for ferrous materials and difficult alloys such as inconel, titanium, stainless steel, very hard die mold materials up to 70 HRc, and other steel alloys. AlTiN coating has a unique ability to form an aluminum oxide heat shield during cutting that helps block heat from effecting the tool and pushes the heat into the chip. An excellent coating when dry machining of ferrous materials is needed.

To order a RobbJack saw with an **AlTiN Coating**, use the existing standard Part Number, and add *-A*.

Example:

K25-0625-32-56-A
See price sheet for pricing

DLC PVD Coating Diamond-Like Carbon

DLC- Diamond Like Carbon coating also known as amorphous diamond is a very hard lubricous coating that works well in non-ferrous applications like aluminum, copper , and high silicon aluminum. DLC coating is the best coating when you have to cut aluminum and copper with no coolant or MQL (minimum quantity lubricant). It is recommended to use coolant in these applications but if the application does not allow coolant, DLC is still the best coating.

To order a RobbJack saw with a **DLC Coating**, use the existing standard Part Number, and add *-DLC*.

Example:

K25-0625-32-56-DLC
See price sheet for pricing

Saws with coatings or other modifications are non returnable.

Solid Carbide SAWS

QUANTITY DISCOUNTS
Available at Qty 3, 7 and 25+

3/4" Diameter 1/4" Arbor

Proper Max Depth of Cut:
Using AB Arbor = .075
Using NAB Arbor = .040

Aluminum | Copper | Magnesium | Plastics | Composites | Brass

Use if DOC is more than 5X saw thickness

10 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity ½" HUB Diameter
.0020"	C07-0020-08-10*	–
.0040"	C07-0040-08-10*	–
.0060"	C07-0060-08-10*	–
.0080"	C07-0080-08-10*	–
.0100"	C07-0100-08-10*	–
.0120"	C07-0120-08-10	–
.0140"	C07-0140-08-10	–
.0156"	C07-0156-08-10	–
.0180"	C07-0180-08-10	–
.0200"	C07-0200-08-10	K07-0200-08-10
.0230"	C07-0230-08-10	K07-0230-08-10
.0250"	C07-0250-08-10	K07-0250-08-10
.0280"	C07-0280-08-10	K07-0280-08-10
.0312"	C07-0312-08-10	K07-0312-08-10
.0350"	C07-0350-08-10	K07-0350-08-10
.0400"	C07-0400-08-10	K07-0400-08-10
.0468"	C07-0468-08-10	K07-0468-08-10
.0510"	C07-0510-08-10	K07-0510-08-10
.0625"	C07-0625-08-10	K07-0625-08-10
.0781"	C07-0781-08-10	K07-0781-08-10
.0937"	C07-0937-08-10	K07-0937-08-10
.1250"	C07-1250-08-10	K07-1250-08-10
.1562"	C07-1562-08-10	K07-1562-08-10
.1875"	C07-1875-08-10	K07-1875-08-10
.2500"	C07-2500-08-10	K07-2500-08-10

Any thickness in ten-thousandths of an inch from 0.0020" to 0.2500" **is standard.**

To order, **replace the middle 4 digits** in the part number.

Titanium | Cast Iron | Steel | Stainless Steel | Super Alloys

Use if DOC is more than 5X saw thickness

20 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity ½" HUB Diameter
.0020"	C07-0020-08-20*	–
.0040"	C07-0040-08-20*	–
.0060"	C07-0060-08-20*	–
.0080"	C07-0080-08-20*	–
.0100"	C07-0100-08-20*	–
.0120"	C07-0120-08-20	–
.0140"	C07-0140-08-20	–
.0156"	C07-0156-08-20	–
.0180"	C07-0180-08-20	–
.0200"	C07-0200-08-20	K07-0200-08-20
.0230"	C07-0230-08-20	K07-0230-08-20
.0250"	C07-0250-08-20	K07-0250-08-20
.0280"	C07-0280-08-20	K07-0280-08-20
.0312"	C07-0312-08-20	K07-0312-08-20
.0350"	C07-0350-08-20	K07-0350-08-20
.0400"	C07-0400-08-20	K07-0400-08-20
.0468"	C07-0468-08-20	K07-0468-08-20
.0510"	C07-0510-08-20	K07-0510-08-20
.0625"	C07-0625-08-20	K07-0625-08-20
.0781"	C07-0781-08-20	K07-0781-08-20
.0937"	C07-0937-08-20	K07-0937-08-20
.1250"	C07-1250-08-20	K07-1250-08-20
.1562"	C07-1562-08-20	K07-1562-08-20
.1875"	C07-1875-08-20	K07-1875-08-20
.2500"	C07-2500-08-20	K07-2500-08-20

Any Saw Thickness Available

Solid carbide spacers and flanges for 3/4" saws are available with 1/4" arbor holes in diameters ranging from .500" to .700" and thicknesses from .002" to .250". Call for price and delivery.

1" Diameter 3/8" Arbor

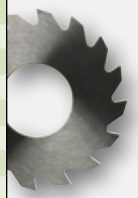
Proper Max Depth of Cut:
Using AB Arbor = .1375
Using NAB Arbor = .095

Aluminum | Copper | Magnesium | Plastics | Composites | Brass

Use if DOC is more than 5X saw thickness

12 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 5/8" HUB Diameter
.0020"	C10-0020-12-12*	–
.0040"	C10-0040-12-12*	–
.0060"	C10-0060-12-12**	–
.0080"	C10-0080-12-12	–
.0100"	C10-0100-12-12*	–
.0120"	C10-0120-12-12	–
.0140"	C10-0140-12-12	–
.0156"	C10-0156-12-12	–
.0180"	C10-0180-12-12	–
.0200"	C10-0200-12-12	K10-0200-12-12
.0230"	C10-0230-12-12	K10-0230-12-12
.0250"	C10-0250-12-12	K10-0250-12-12
.0280"	C10-0280-12-12	K10-0280-12-12
.0312"	C10-0312-12-12	K10-0312-12-12
.0350"	C10-0350-12-12	K10-0350-12-12
.0400"	C10-0400-12-12	K10-0400-12-12
.0468"	C10-0468-12-12	K10-0468-12-12
.0510"	C10-0510-12-12	K10-0510-12-12
.0625"	C10-0625-12-12	K10-0625-12-12
.0781"	C10-0781-12-12	K10-0781-12-12
.0937"	C10-0937-12-12	K10-0937-12-12
.1250"	C10-1250-12-12	K10-1250-12-12
.1562"	C10-1562-12-12	K10-1562-12-12
.1875"	C10-1875-12-12	K10-1875-12-12
.2500"	C10-2500-12-12	K10-2500-12-12

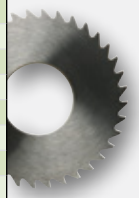


Titanium | Cast Iron | Steel | Stainless Steel | Super Alloys

Use if DOC is more than 5X saw thickness

24 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 5/8" HUB Diameter
.0020"	C10-0020-12-24*	–
.0040"	C10-0040-12-24*	–
.0060"	C10-0060-12-24*	–
.0080"	C10-0080-12-24*	–
.0100"	C10-0100-12-24*	–
.0120"	C10-0120-12-24	–
.0140"	C10-0140-12-24	–
.0156"	C10-0156-12-24	–
.0180"	C10-0180-12-24	–
.0200"	C10-0200-12-24	K10-0200-12-24
.0230"	C10-0230-12-24	K10-0230-12-24
.0250"	C10-0250-12-24	K10-0250-12-24
.0280"	C10-0280-12-24	K10-0280-12-24
.0312"	C10-0312-12-24	K10-0312-12-24
.0350"	C10-0350-12-24	K10-0350-12-24
.0400"	C10-0400-12-24	K10-0400-12-24
.0468"	C10-0468-12-24	K10-0468-12-24
.0510"	C10-0510-12-24	K10-0510-12-24
.0625"	C10-0625-12-24	K10-0625-12-24
.0781"	C10-0781-12-24	K10-0781-12-24
.0937"	C10-0937-12-24	K10-0937-12-24
.1250"	C10-1250-12-24	K10-1250-12-24
.1562"	C10-1562-12-24	K10-1562-12-24
.1875"	C10-1875-12-24	K10-1875-12-24
.2500"	C10-2500-12-24	K10-2500-12-24



Solid carbide spacers and flanges for 1" saws are available with 3/8" arbor holes in diameters ranging from .650" to .950" and thicknesses from .002" to .250". Call for price and delivery.

*All Saws under .010 are non-returnable.

SAWS Solid Carbide

QUANTITY DISCOUNTS
Available at Qty 3, 7 and 25+

1¼" Diameter ½" Arbor

Proper Max Depth of Cut:
Using AB Arbor = .200
Using NAB Arbor = .1475

Al Aluminum | Cu Copper | Mg Magnesium | Plastics Plastics | Composites | Brass Brass

Use if DOC is more than 5X saw thickness

16 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 3/4" HUB Diameter
.0020"	C12-0020-16-16*	–
.0040"	C12-0040-16-16*	–
.0060"	C12-0060-16-16*	–
.0080"	C12-0080-16-16*	–
.0100"	C12-0100-16-16*	–
.0120"	C12-0120-16-16	–
.0140"	C12-0140-16-16	–
.0156"	C12-0156-16-16	–
.0180"	C12-0180-16-16	–
.0200"	C12-0200-16-16	K12-0200-16-16
.0230"	C12-0230-16-16	K12-0230-16-16
.0250"	C12-0250-16-16	K12-0250-16-16
.0280"	C12-0280-16-16	K12-0280-16-16
.0312"	C12-0312-16-16	K12-0312-16-16
.0350"	C12-0350-16-16	K12-0350-16-16
.0400"	C12-0400-16-16	K12-0400-16-16
.0468"	C12-0468-16-16	K12-0468-16-16
.0510"	C12-0510-16-16	K12-0510-16-16
.0625"	C12-0625-16-16	K12-0625-16-16
.0781"	C12-0781-16-16	K12-0781-16-16
.0937"	C12-0937-16-16	K12-0937-16-16
.1250"	C12-1250-16-16	K12-1250-16-16
.1562"	C12-1562-16-16	K12-1562-16-16
.1875"	C12-1875-16-16	K12-1875-16-16
.2500"	C12-2500-16-16	K12-2500-16-16

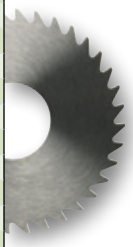
Any Saw Thickness Available

Ti Titanium | Cast Iron Cast Iron | Steel Steel | Stainless Steel Stainless Steel | Super Alloys Super Alloys

Use if DOC is more than 5X saw thickness

36 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 3/4" HUB Diameter
.0020"	C12-0020-16-36*	–
.0040"	C12-0040-16-36*	–
.0060"	C12-0060-16-36*	–
.0080"	C12-0080-16-36*	–
.0100"	C12-0100-16-36*	–
.0120"	C12-0120-16-36	–
.0140"	C12-0140-16-36	–
.0156"	C12-0156-16-36	–
.0180"	C12-0180-16-36	–
.0200"	C12-0200-16-36	K12-0200-16-36
.0230"	C12-0230-16-36	K12-0230-16-36
.0250"	C12-0250-16-36	K12-0250-16-36
.0280"	C12-0280-16-36	K12-0280-16-36
.0312"	C12-0312-16-36	K12-0312-16-36
.0350"	C12-0350-16-36	K12-0350-16-36
.0400"	C12-0400-16-36	K12-0400-16-36
.0468"	C12-0468-16-36	K12-0468-16-36
.0510"	C12-0510-16-36	K12-0510-16-36
.0625"	C12-0625-16-36	K12-0625-16-36
.0781"	C12-0781-16-36	K12-0781-16-36
.0937"	C12-0937-16-36	K12-0937-16-36
.1250"	C12-1250-16-36	K12-1250-16-36
.1562"	C12-1562-16-36	K12-1562-16-36
.1875"	C12-1875-16-36	K12-1875-16-36
.2500"	C12-2500-16-36	K12-2500-16-36



Any thickness in ten-thousandths of an inch from 0.0020" to 0.2500" **is standard.**

To order, **replace the middle 4 digits** in the part number.

Solid carbide spacers and flanges for 1-1/4" saws are available with 1/2" arbor holes in diameters ranging from .750" to 1.200" and thicknesses from .002" to .250". Call for price and delivery.

1½" Diameter ½" Arbor

Proper Max Depth of Cut:
Using AB Arbor = .325
Using NAB Arbor = .2725

Al Aluminum | Cu Copper | Mg Magnesium | Plastics Plastics | Composites | Brass Brass

Use if DOC is more than 5X saw thickness

16 TEETH

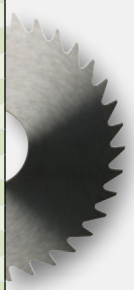
Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 3/4" HUB Diameter
.0020"	C15-0020-16-16*	–
.0040"	C15-0040-16-16*	–
.0060"	C15-0060-16-16*	–
.0080"	C15-0080-16-16*	–
.0100"	C15-0100-16-16*	–
.0120"	C15-0120-16-16	–
.0140"	C15-0140-16-16	–
.0156"	C15-0156-16-16	–
.0180"	C15-0180-16-16	–
.0200"	C15-0200-16-16	K15-0200-16-16
.0230"	C15-0230-16-16	K15-0230-16-16
.0250"	C15-0250-16-16	K15-0250-16-16
.0280"	C15-0280-16-16	K15-0280-16-16
.0312"	C15-0312-16-16	K15-0312-16-16
.0350"	C15-0350-16-16	K15-0350-16-16
.0400"	C15-0400-16-16	K15-0400-16-16
.0468"	C15-0468-16-16	K15-0468-16-16
.0510"	C15-0510-16-16	K15-0510-16-16
.0625"	C15-0625-16-16	K15-0625-16-16
.0781"	C15-0781-16-16	K15-0781-16-16
.0937"	C15-0937-16-16	K15-0937-16-16
.1250"	C15-1250-16-16	K15-1250-16-16
.1562"	C15-1562-16-16	K15-1562-16-16
.1875"	C15-1875-16-16	K15-1875-16-16
.2500"	C15-2500-16-16	K15-2500-16-16

Ti Titanium | Cast Iron Cast Iron | Steel Steel | Stainless Steel Stainless Steel | Super Alloys Super Alloys

Use if DOC is more than 5X saw thickness

36 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 3/4" HUB Diameter
.0020"	C15-0020-16-36*	–
.0040"	C15-0040-16-36*	–
.0060"	C15-0060-16-36*	–
.0080"	C15-0080-16-36*	–
.0100"	C15-0100-16-36*	–
.0120"	C15-0120-16-36	–
.0140"	C15-0140-16-36	–
.0156"	C15-0156-16-36	–
.0180"	C15-0180-16-36	–
.0200"	C15-0200-16-36	K15-0200-16-36
.0230"	C15-0230-16-36	K15-0230-16-36
.0250"	C15-0250-16-36	K15-0250-16-36
.0280"	C15-0280-16-36	K15-0280-16-36
.0312"	C15-0312-16-36	K15-0312-16-36
.0350"	C15-0350-16-36	K15-0350-16-36
.0400"	C15-0400-16-36	K15-0400-16-36
.0468"	C15-0468-16-36	K15-0468-16-36
.0510"	C15-0510-16-36	K15-0510-16-36
.0625"	C15-0625-16-36	K15-0625-16-36
.0781"	C15-0781-16-36	K15-0781-16-36
.0937"	C15-0937-16-36	K15-0937-16-36
.1250"	C15-1250-16-36	K15-1250-16-36
.1562"	C15-1562-16-36	K15-1562-16-36
.1875"	C15-1875-16-36	K15-1875-16-36
.2500"	C15 -2500-16-36	K15-2500-16-36



Solid carbide spacers and flanges for 1-1/2" saws are available with 1/2" arbor holes in diameters ranging from .750 to 1.400 and thicknesses from .002" to .250". Call for price and delivery.

*All Saws under .010 are non-returnable.

1¾" Diameter 1/2" Arbor

Proper Max Depth of Cut:
Using AB Arbor = .450
Using NAB Arbor = .3975

Al Aluminum | Cu Copper | Mg Magnesium | Plastics | Composites | Brass

Use if DOC is more than 5X saw thickness

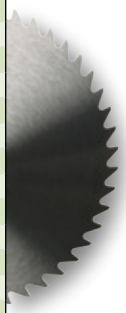
24 TEETH		Alternate Tooth Chamfer Double Concavity 3/4" HUB Diameter
Saw Thickness	Standard Concavity	
.0020"	C17-0020-16-24*	–
.0040"	C17-0040-16-24*	–
.0060"	C17-0060-16-24*	–
.0080"	C17-0080-16-24*	–
.0100"	C17-0100-16-24*	–
.0120"	C17-0120-16-24	–
.0140"	C17-0140-16-24	–
.0156"	C17-0156-16-24	–
.0180"	C17-0180-16-24	–
.0200"	C17-0200-16-24	K17-0200-16-24
.0230"	C17-0230-16-24	K17-0230-16-24
.0250"	C17-0250-16-24	K17-0250-16-24
.0280"	C17-0280-16-24	K17-0280-16-24
.0312"	C17-0312-16-24	K17-0312-16-24
.0350"	C17-0350-16-24	K17-0350-16-24
.0400"	C17-0400-16-24	K17-0400-16-24
.0468"	C17-0468-16-24	K17-0468-16-24
.0510"	C17-0510-16-24	K17-0510-16-24
.0625"	C17-0625-16-24	K17-0625-16-24
.0781"	C17-0781-16-24	K17-0781-16-24
.0937"	C17-0937-16-24	K17-0937-16-24
.1250"	C17-1250-16-24	K17-1250-16-24
.1562"	C17-1562-16-24	K17-1562-16-24
.1875"	C17-1875-16-24	K17-1875-16-24
.2500"	C17-2500-16-24	K17-2500-16-24

Any Saw Thickness Available

Ti Titanium | Cast Iron | Steel | Stainless Steel | Super Alloys

Use if DOC is more than 5X saw thickness

36 TEETH		Alternate Tooth Chamfer Double Concavity 3/4" HUB Diameter
Saw Thickness	Standard Concavity	
.0020"	C17-0020-16-36*	–
.0040"	C17-0040-16-36*	–
.0060"	C17-0060-16-36*	–
.0080"	C17-0080-16-36*	–
.0100"	C17-0100-16-36*	–
.0120"	C17-0120-16-36	–
.0140"	C17-0140-16-36	–
.0156"	C17-0156-16-36	–
.0180"	C17-0180-16-36	–
.0200"	C17-0200-16-36	K17-0200-16-36
.0230"	C17-0230-16-36	K17-0230-16-36
.0250"	C17-0250-16-36	K17-0250-16-36
.0280"	C17-0280-16-36	K17-0280-16-36
.0312"	C17-0312-16-36	K17-0312-16-36
.0350"	C17-0350-16-36	K17-0350-16-36
.0400"	C17-0400-16-36	K17-0400-16-36
.0468"	C17-0468-16-36	K17-0468-16-36
.0510"	C17-0510-16-36	K17-0510-16-36
.0625"	C17-0625-16-36	K17-0625-16-36
.0781"	C17-0781-16-36	K17-0781-16-36
.0937"	C17-0937-16-36	K17-0937-16-36
.1250"	C17-1250-16-36	K17-1250-16-36
.1562"	C17-1562-16-36	K17-1562-16-36
.1875"	C17-1875-16-36	K17-1875-16-36
.2500"	C17-2500-16-36	K17-2500-16-36



Any thickness in ten-thousandths of an inch from 0.0020" to 0.2500" **is standard.**

To order, **replace the middle 4 digits** in the part number.

Solid carbide spacers and flanges for 1-3/4" saws are available with 1/2" arbor holes in diameters ranging from .750 to 1.650 and thicknesses from .002" to .250". Call for price and delivery.

1¾" Diameter 5/8" Arbor

Proper Max Depth of Cut:
AB Arbor = .325
NAB Arbor = .2875

Al Aluminum | Cu Copper | Mg Magnesium | Plastics | Composites | Brass

Use if DOC is more than 5X saw thickness

24 TEETH		Alternate Tooth Chamfer Double Concavity 1" HUB Diameter
Saw Thickness	Standard Concavity	
.0020"	C17-0020-20-24*	–
.0040"	C17-0040-20-24*	–
.0060"	C17-0060-20-24*	–
.0080"	C17-0080-20-24*	–
.0100"	C17-0100-20-24*	–
.0120"	C17-0120-20-24	–
.0140"	C17-0140-20-24	–
.0156"	C17-0156-20-24	–
.0180"	C17-0180-20-24	–
.0200"	C17-0200-20-24	K17-0200-20-24
.0230"	C17-0230-20-24	K17-0230-20-24
.0250"	C17-0250-20-24	K17-0250-20-24
.0280"	C17-0280-20-24	K17-0280-20-24
.0312"	C17-0312-20-24	K17-0312-20-24
.0350"	C17-0350-20-24	K17-0350-20-24
.0400"	C17-0400-20-24	K17-0400-20-24
.0468"	C17-0468-20-24	K17-0468-20-24
.0510"	C17-0510-20-24	K17-0510-20-24
.0625"	C17-0625-20-24	K17-0625-20-24
.0781"	C17-0781-20-24	K17-0781-20-24
.0937"	C17-0937-20-24	K17-0937-20-24
.1250"	C17-1250-20-24	K17-1250-20-24
.1562"	C17-1562-20-24	K17-1562-20-24
.1875"	C17-1875-20-24	K17-1875-20-24
.2500"	C17-2500-20-24	K17-2500-20-24

Ti Titanium | Cast Iron | Steel | Stainless Steel | Super Alloys

Use if DOC is more than 5X saw thickness

36 TEETH		Alternate Tooth Chamfer Double Concavity 1" HUB Diameter
Saw Thickness	Standard Concavity	
.0020"	C17-0020-20-36*	–
.0040"	C17-0040-20-36*	–
.0060"	C17-0060-20-36*	–
.0080"	C17-0080-20-36*	–
.0100"	C17-0100-20-36*	–
.0120"	C17-0120-20-36	–
.0140"	C17-0140-20-36	–
.0156"	C17-0156-20-36	–
.0180"	C17-0180-20-36	–
.0200"	C17-0200-20-36	K17-0200-20-36
.0230"	C17-0230-20-36	K17-0230-20-36
.0250"	C17-0250-20-36	K17-0250-20-36
.0280"	C17-0280-20-36	K17-0280-20-36
.0312"	C17-0312-20-36	K17-0312-20-36
.0350"	C17-0350-20-36	K17-0350-20-36
.0400"	C17-0400-20-36	K17-0400-20-36
.0468"	C17-0468-20-36	K17-0468-20-36
.0510"	C17-0510-20-36	K17-0510-20-36
.0625"	C17-0625-20-36	K17-0625-20-36
.0781"	C17-0781-20-36	K17-0781-20-36
.0937"	C17-0937-20-36	K17-0937-20-36
.1250"	C17-1250-20-36	K17-1250-20-36
.1562"	C17-1562-20-36	K17-1562-20-36
.1875"	C17-1875-20-36	K17-1875-20-36
.2500"	C17-2500-20-36	K17-2500-20-36

Solid carbide spacers and flanges for 1-3/4" saws are available with 5/8" arbor holes in diameters ranging from .875" to 1.650" and thicknesses from .002" to .250". Call for price and delivery.

*All Saws under .010 are non-returnable.

SAWS Solid Carbide

Any Saw Thickness Available

1 3/4" Diameter 7/8" Arbor

Proper Max Depth of Cut:
Using AB Arbor = .200
Using NAB Arbor = .108

Al Aluminum | Cu Copper | Mg Magnesium | Plastics Plastics | Composites | Brass Brass

Use if DOC is more than 5X saw thickness

24 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 1-1/4" HUB Diameter
.0020"	C17-0020-28-24*	–
.0040"	C17-0040-28-24*	–
.0060"	C17-0060-28-24*	–
.0080"	C17-0080-28-24*	–
.0100"	C17-0100-28-24*	–
.0120"	C17-0120-28-24	–
.0140"	C17-0140-28-24	–
.0156"	C17-0156-28-24	–
.0180"	C17-0180-28-24	–
.0200"	C17-0200-28-24	K17-0200-28-24
.0230"	C17-0230-28-24	K17-0230-28-24
.0250"	C17-0250-28-24	K17-0250-28-24
.0280"	C17-0280-28-24	K17-0280-28-24
.0312"	C17-0312-28-24	K17-0312-28-24
.0350"	C17-0350-28-24	K17-0350-28-24
.0400"	C17-0400-28-24	K17-0400-28-24
.0468"	C17-0468-28-24	K17-0468-28-24
.0510"	C17-0510-28-24	K17-0510-28-24
.0625"	C17-0625-28-24	K17-0625-28-24
.0781"	C17-0781-28-24	K17-0781-28-24
.0937"	C17-0937-28-24	K17-0937-28-24
.1250"	C17-1250-28-24	K17-1250-28-24
.1562"	C17-1562-28-24	K17-1562-28-24
.1875"	C17-1875-28-24	K17-1875-28-24
.2500"	C17-2500-28-24	K17-2500-28-24

Ti Titanium | Cast Iron Cast Iron | Steel Steel | Stainless Steel Stainless Steel | Super Alloys Super Alloys

Use if DOC is more than 5X saw thickness

36 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 1-1/4" HUB Diameter
.0020"	C17-0020-28-36*	–
.0040"	C17-0040-28-36*	–
.0060"	C17-0060-28-36*	–
.0080"	C17-0080-28-36*	–
.0100"	C17-0100-28-36*	–
.0120"	C17-0120-28-36	–
.0140"	C17-0140-28-36	–
.0156"	C17-0156-28-36	–
.0180"	C17-0180-28-36	–
.0200"	C17-0200-28-36	K17-0200-28-36
.0230"	C17-0230-28-36	K17-0230-28-36
.0250"	C17-0250-28-36	K17-0250-28-36
.0280"	C17-0280-28-36	K17-0280-28-36
.0312"	C17-0312-28-36	K17-0312-28-36
.0350"	C17-0350-28-36	K17-0350-28-36
.0400"	C17-0400-28-36	K17-0400-28-36
.0468"	C17-0468-28-36	K17-0468-28-36
.0510"	C17-0510-28-36	K17-0510-28-36
.0625"	C17-0625-28-36	K17-0625-28-36
.0781"	C17-0781-28-36	K17-0781-28-36
.0937"	C17-0937-28-36	K17-0937-28-36
.1250"	C17-1250-28-36	K17-1250-28-36
.1562"	C17-1562-28-36	K17-1562-28-36
.1875"	C17-1875-28-36	K17-1875-28-36
.2500"	C17-2500-28-36	K17-2500-28-36

Solid carbide spacers and flanges for 1-3/4" saws are available with 7/8" arbor holes in diameters ranging from 1.125 to 1.650 and thicknesses from .002 to .250. Call for price and delivery.

Any thickness in ten-thousandths of an inch from 0.0020" to 0.2500" **is standard.**

To order, **replace the middle 4 digits** in the part number.

2" Diameter 1/2" Arbor

Proper Max Depth of Cut:
Using AB Arbor = .575
Using NAB Arbor = .5225

Al Aluminum | Cu Copper | Mg Magnesium | Plastics Plastics | Composites | Brass Brass

Use if DOC is more than 5X saw thickness

24 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 3/4" HUB Diameter
.0020"	C20-0020-16-24*	–
.0040"	C20-0040-16-24*	–
.0060"	C20-0060-16-24*	–
.0080"	C20-0080-16-24*	–
.0100"	C20-0100-16-24*	–
.0120"	C20-0120-16-24	–
.0140"	C20-0140-16-24	–
.0156"	C20-0156-16-24	–
.0180"	C20-0180-16-24	–
.0200"	C20-0200-16-24	K20-0200-16-24
.0230"	C20-0230-16-24	K20-0230-16-24
.0250"	C20-0250-16-24	K20-0250-16-24
.0280"	C20-0280-16-24	K20-0280-16-24
.0312"	C20-0312-16-24	K20-0312-16-24
.0350"	C20-0350-16-24	K20-0350-16-24
.0400"	C20-0400-16-24	K20-0400-16-24
.0468"	C20-0468-16-24	K20-0468-16-24
.0510"	C20-0510-16-24	K20-0510-16-24
.0625"	C20-0625-16-24	K20-0625-16-24
.0781"	C20-0781-16-24	K20-0781-16-24
.0937"	C20-0937-16-24	K20-0937-16-24
.1250"	C20-1250-16-24	K20-1250-16-24
.1562"	C20-1562-16-24	K20-1562-16-24
.1875"	C20-1875-16-24	K20-1875-16-24
.2500"	C20-2500-16-24	K20-2500-16-24

Ti Titanium | Cast Iron Cast Iron | Steel Steel | Stainless Steel Stainless Steel | Super Alloys Super Alloys

Use if DOC is more than 5X saw thickness

48 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 3/4" HUB Diameter
.0020"	C20-0020-16-48*	–
.0040"	C20-0040-16-48*	–
.0060"	C20-0060-16-48*	–
.0080"	C20-0080-16-48*	–
.0100"	C20-0100-16-48*	–
.0120"	C20-0120-16-48	–
.0140"	C20-0140-16-48	–
.0156"	C20-0156-16-48	–
.0180"	C20-0180-16-48	–
.0200"	C20-0200-16-48	K20-0200-16-48
.0230"	C20-0230-16-48	K20-0230-16-48
.0250"	C20-0250-16-48	K20-0250-16-48
.0280"	C20-0280-16-48	K20-0280-16-48
.0312"	C20-0312-16-48	K20-0312-16-48
.0350"	C20-0350-16-48	K20-0350-16-48
.0400"	C20-0400-16-48	K20-0400-16-48
.0468"	C20-0468-16-48	K20-0468-16-48
.0510"	C20-0510-16-48	K20-0510-16-48
.0625"	C20-0625-16-48	K20-0625-16-48
.0781"	C20-0781-16-48	K20-0781-16-48
.0937"	C20-0937-16-48	K20-0937-16-48
.1250"	C20-1250-16-48	K20-1250-16-48
.1562"	C20-1562-16-48	K20-1562-16-48
.1875"	C20-1875-16-48	K20-1875-16-48
.2500"	C20-2500-16-48	K20-2500-16-48

Solid carbide spacers and flanges for 2 saws are available with 1/2" arbor holes in diameters ranging from .750 to 1.900 and thicknesses from .004 to .250. Call for price and delivery.

*All Saws under .010 are non-returnable.

QUANTITY DISCOUNTS
Available at Qty 3, 7 and 25+

Solid Carbide SAWS

Any Saw Thickness Available

2" Diameter 1" Arbor

Proper Max Depth of Cut:
Using AB Arbor = .200
Using NAB Arbor = .210

Aluminum | Copper | Magnesium | Plastics | Composites | Brass

24 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 1-1/2" HUB Diameter
.0020"	C20-0020-32-24*	–
.0040"	C20-0040-32-24*	–
.0060"	C20-0060-32-24*	–
.0080"	C20-0080-32-24*	–
.0100"	C20-0100-32-24*	–
.0120"	C20-0120-32-24	–
.0140"	C20-0140-32-24	–
.0156"	C20-0156-32-24	–
.0180"	C20-0180-32-24	–
.0200"	C20-0200-32-24	K20-0200-32-24
.0230"	C20-0230-32-24	K20-0230-32-24
.0250"	C20-0250-32-24	K20-0250-32-24
.0280"	C20-0280-32-24	K20-0280-32-24
.0312"	C20-0312-32-24	K20-0312-32-24
.0350"	C20-0350-32-24	K20-0350-32-24
.0400"	C20-0400-32-24	K20-0400-32-24
.0468"	C20-0468-32-24	K20-0468-32-24
.0510"	C20-0510-32-24	K20-0510-32-24
.0625"	C20-0625-32-24	K20-0625-32-24
.0781"	C20-0781-32-24	K20-0781-32-24
.0937"	C20-0937-32-24	K20-0937-32-24
.1250"	C20-1250-32-24	K20-1250-32-24
.1562"	C20-1562-32-24	K20-1562-32-24
.1875"	C20-1875-32-24	K20-1875-32-24
.2500"	C20-2500-32-24	K20-2500-32-24

Use if DOC is more than 5X saw thickness

Titanium | Cast Iron | Steel | Stainless Steel | Super Alloys

48 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 1-1/2" HUB Diameter
.0020"	C20-0020-32-48*	–
.0040"	C20-0040-32-48*	–
.0060"	C20-0060-32-48*	–
.0080"	C20-0080-32-48*	–
.0100"	C20-0100-32-48*	–
.0120"	C20-0120-32-48	–
.0140"	C20-0140-32-48	–
.0156"	C20-0156-32-48	–
.0180"	C20-0180-32-48	–
.0200"	C20-0200-32-48	K20-0200-32-48
.0230"	C20-0230-32-48	K20-0230-32-48
.0250"	C20-0250-32-48	K20-0250-32-48
.0280"	C20-0280-32-48	K20-0280-32-48
.0312"	C20-0312-32-48	K20-0312-32-48
.0350"	C20-0350-32-48	K20-0350-32-48
.0400"	C20-0400-32-48	K20-0400-32-48
.0468"	C20-0468-32-48	K20-0468-32-48
.0510"	C20-0510-32-48	K20-0510-32-48
.0625"	C20-0625-32-48	K20-0625-32-48
.0781"	C20-0781-32-48	K20-0781-32-48
.0937"	C20-0937-32-48	K20-0937-32-48
.1250"	C20-1250-32-48	K20-1250-32-48
.1562"	C20-1562-32-48	K20-1562-32-48
.1875"	C20-1875-32-48	K20-1875-32-48
.2500"	C20-2500-32-48	K20-2500-32-48

Use if DOC is more than 5X saw thickness

Any thickness in ten-thousandths of an inch from 0.0020" to 0.2500" **is standard.**

To order, **replace the middle 4 digits** in the part number.

Solid carbide spacers and flanges for 2" saws are available with 1" arbor holes in diameters ranging from 1.250" to 1.900" and thicknesses from .004" to .250". Call for price and delivery.

2¼" Diameter 5/8" Arbor

Proper Max Depth of Cut:
AB Arbor = .575
NAB Arbor = .5375

Aluminum | Copper | Magnesium | Plastics | Composites | Brass

28 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 1" HUB Diameter
.0020"	C22-0020-20-28*	–
.0040"	C22-0040-20-28*	–
.0060"	C22-0060-20-28*	–
.0080"	C22-0080-20-28*	–
.0100"	C22-0100-20-28*	–
.0120"	C22-0120-20-28	–
.0140"	C22-0140-20-28	–
.0156"	C22-0156-20-28	–
.0180"	C22-0180-20-28	–
.0200"	C22-0200-20-28	K22-0200-20-28
.0230"	C22-0230-20-28	K22-0230-20-28
.0250"	C22-0250-20-28	K22-0250-20-28
.0280"	C22-0280-20-28	K22-0280-20-28
.0312"	C22-0312-20-28	K22-0312-20-28
.0350"	C22-0350-20-28	K22-0350-20-28
.0400"	C22-0400-20-28	K22-0400-20-28
.0468"	C22-0468-20-28	K22-0468-20-28
.0510"	C22-0510-20-28	K22-0510-20-28
.0625"	C22-0625-20-28	K22-0625-20-28
.0781"	C22-0781-20-28	K22-0781-20-28
.0937"	C22-0937-20-28	K22-0937-20-28
.1250"	C22-1250-20-28	K22-1250-20-28
.1562"	C22-1562-20-28	K22-1562-20-28
.1875"	C22-1875-20-28	K22-1875-20-28
.2500"	C22-2500-20-28	K22-2500-20-28

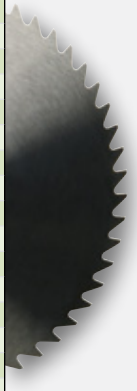
Use if DOC is more than 5X saw thickness

Titanium | Cast Iron | Steel | Stainless Steel | Super Alloys

56 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 1" HUB Diameter
.0020"	C22-0020-20-56*	–
.0040"	C22-0040-20-56*	–
.0060"	C22-0060-20-56*	–
.0080"	C22-0080-20-56*	–
.0100"	C22-0100-20-56*	–
.0120"	C22-0120-20-56	–
.0140"	C22-0140-20-56	–
.0156"	C22-0156-20-56	–
.0180"	C22-0180-20-56	–
.0200"	C22-0200-20-56	K22-0200-20-56
.0230"	C22-0230-20-56	K22-0230-20-56
.0250"	C22-0250-20-56	K22-0250-20-56
.0280"	C22-0280-20-56	K22-0280-20-56
.0312"	C22-0312-20-56	K22-0312-20-56
.0350"	C22-0350-20-56	K22-0350-20-56
.0400"	C22-0400-20-56	K22-0400-20-56
.0468"	C22-0468-20-56	K22-0468-20-56
.0510"	C22-0510-20-56	K22-0510-20-56
.0625"	C22-0625-20-56	K22-0625-20-56
.0781"	C22-0781-20-56	K22-0781-20-56
.0937"	C22-0937-20-56	K22-0937-20-56
.1250"	C22-1250-20-56	K22-1250-20-56
.1562"	C22-1562-20-56	K22-1562-20-56
.1875"	C22-1875-20-56	K22-1875-20-56
.2500"	C22-2500-20-56	K22-2500-20-56

Use if DOC is more than 5X saw thickness



Solid carbide spacers and flanges for 2-1/4" saws are available with 5/8" arbor holes in diameters ranging from .875" to 2.150" and thicknesses from .004" to .250". Call for price and delivery.

*All Saws under .010 are non-returnable.

SAWS Solid Carbide

Any Saw Thickness Available

QUANTITY DISCOUNTS
Available at Qty 3, 7 and 25+

2½" Diameter 1" Arbor

Proper Max Depth of Cut:
Using AB Arbor = .450
Using NAB Arbor = .460

Al Aluminum | Cu Copper | Mg Magnesium | Plastics Plastics | Composites | Brass Brass

Use if DOC is more than 5X saw thickness

28 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 1-1/2" HUB Diameter
.0020"	C25-0020-32-28*	–
.0040"	C25-0040-32-28*	–
.0060"	C25-0060-32-28*	–
.0080"	C25-0080-32-28*	–
.0100"	C25-0100-32-28*	–
.0120"	C25-0120-32-28	–
.0140"	C25-0140-32-28	–
.0156"	C25-0156-32-28	–
.0180"	C25-0180-32-28	–
.0200"	C25-0200-32-28	K25-0200-32-28
.0230"	C25-0230-32-28	K25-0230-32-28
.0250"	C25-0250-32-28	K25-0250-32-28
.0280"	C25-0280-32-28	K25-0280-32-28
.0312"	C25-0312-32-28	K25-0312-32-28
.0350"	C25-0350-32-28	K25-0350-32-28
.0400"	C25-0400-32-28	K25-0400-32-28
.0468"	C25-0468-32-28	K25-0468-32-28
.0510"	C25-0510-32-28	K25-0510-32-28
.0625"	C25-0625-32-28	K25-0625-32-28
.0781"	C25-0781-32-28	K25-0781-32-28
.0937"	C25-0937-32-28	K25-0937-32-28
.1250"	C25-1250-32-28	K25-1250-32-28
.1562"	C25-1562-32-28	K25-1562-32-28
.1875"	C25-1875-32-28	K25-1875-32-28
.2500"	C25-2500-32-28	K25-2500-32-28

Ti Titanium | Cast Iron Cast Iron | Steel Steel | Stainless Steel Stainless Steel | Super Alloys Super Alloys

Use if DOC is more than 5X saw thickness

56 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 1-1/2" HUB Diameter
.0020"	C25-0020-32-56*	–
.0040"	C25-0040-32-56*	–
.0060"	C25-0060-32-56*	–
.0080"	C25-0080-32-56*	–
.0100"	C25-0100-32-56*	–
.0120"	C25-0120-32-56	–
.0140"	C25-0140-32-56	–
.0156"	C25-0156-32-56	–
.0180"	C25-0180-32-56	–
.0200"	C25-0200-32-56	K25-0200-32-56
.0230"	C25-0230-32-56	K25-0230-32-56
.0250"	C25-0250-32-56	K25-0250-32-56
.0280"	C25-0280-32-56	K25-0280-32-56
.0312"	C25-0312-32-56	K25-0312-32-56
.0350"	C25-0350-32-56	K25-0350-32-56
.0400"	C25-0400-32-56	K25-0400-32-56
.0468"	C25-0468-32-56	K25-0468-32-56
.0510"	C25-0510-32-56	K25-0510-32-56
.0625"	C25-0625-32-56	K25-0625-32-56
.0781"	C25-0781-32-56	K25-0781-32-56
.0937"	C25-0937-32-56	K25-0937-32-56
.1250"	C25-1250-32-56	K25-1250-32-56
.1562"	C25-1562-32-56	K25-1562-32-56
.1875"	C25-1875-32-56	K25-1875-32-56
.2500"	C25-2500-32-56	K25-2500-32-56

Solid carbide spacers and flanges for 2-1/2" saws are available with 1" arbor holes in diameters ranging from 1.250" to 2.400" and thicknesses from .004" to .250". Call for price and delivery.

Any thickness in ten-thousandths of an inch from 0.0020" to 0.2500" **is standard.**

To order, **replace the middle 4 digits** in the part number.

2¾" Diameter 1" Arbor

Proper Max Depth of Cut:
Using AB Arbor = .575
Using NAB Arbor = .585

Al Aluminum | Cu Copper | Mg Magnesium | Plastics Plastics | Composites | Brass Brass

Use if DOC is more than 5X saw thickness

30 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 1-1/2" HUB Diameter
.0020"	C27-0020-32-30*	–
.0040"	C27-0040-32-30*	–
.0060"	C27-0060-32-30*	–
.0080"	C27-0080-32-30*	–
.0100"	C27-0100-32-30*	–
.0120"	C27-0120-32-30	–
.0140"	C27-0140-32-30	–
.0156"	C27-0156-32-30	–
.0180"	C27-0180-32-30	–
.0200"	C27-0200-32-30	K27-0200-32-30
.0230"	C27-0230-32-30	K27-0230-32-30
.0250"	C27-0250-32-30	K27-0250-32-30
.0280"	C27-0280-32-30	K27-0280-32-30
.0312"	C27-0312-32-30	K27-0312-32-30
.0350"	C27-0350-32-30	K27-0350-32-30
.0400"	C27-0400-32-30	K27-0400-32-30
.0468"	C27-0468-32-30	K27-0468-32-30
.0510"	C27-0510-32-30	K27-0510-32-30
.0625"	C27-0625-32-30	K27-0625-32-30
.0781"	C27-0781-32-30	K27-0781-32-30
.0937"	C27-0937-32-30	K27-0937-32-30
.1250"	C27-1250-32-30	K27-1250-32-30
.1562"	C27-1562-32-30	K27-1562-32-30
.1875"	C27-1875-32-30	K27-1875-32-30
.2500"	C27-2500-32-30	K27-2500-32-30

Ti Titanium | Cast Iron Cast Iron | Steel Steel | Stainless Steel Stainless Steel | Super Alloys Super Alloys

Use if DOC is more than 5X saw thickness

60 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 1-1/2" HUB Diameter
.0020"	C27-0020-32-60*	–
.0040"	C27-0040-32-60*	–
.0060"	C27-0060-32-60*	–
.0080"	C27-0080-32-60*	–
.0100"	C27-0100-32-60*	–
.0120"	C27-0120-32-60	–
.0140"	C27-0140-32-60	–
.0156"	C27-0156-32-60	–
.0180"	C27-0180-32-60	–
.0200"	C27-0200-32-60	K27-0200-32-60
.0230"	C27-0230-32-60	K27-0230-32-60
.0250"	C27-0250-32-60	K27-0250-32-60
.0280"	C27-0280-32-60	K27-0280-32-60
.0312"	C27-0312-32-60	K27-0312-32-60
.0350"	C27-0350-32-60	K27-0350-32-60
.0400"	C27-0400-32-60	K27-0400-32-60
.0468"	C27-0468-32-60	K27-0468-32-60
.0510"	C27-0510-32-60	K27-0510-32-60
.0625"	C27-0625-32-60	K27-0625-32-60
.0781"	C27-0781-32-60	K27-0781-32-60
.0937"	C27-0937-32-60	K27-0937-32-60
.1250"	C27-1250-32-60	K27-1250-32-60
.1562"	C27-1562-32-60	K27-1562-32-60
.1875"	C27-1875-32-60	K27-1875-32-60
.2500"	C27-2500-32-60	K27-2500-32-60

Solid carbide spacers and flanges for 2-3/4" saws are available with 1" arbor holes in diameters ranging from 1.250" to 2.65" and thicknesses from .004" to .250". Call for price and delivery.

*All Saws under .010 are non-returnable.

Solid Carbide SAWS

Any Saw Thickness Available

3" Diameter 1" Arbor

Proper Max Depth of Cut:
Using AB Arbor = .700
Using NAB Arbor = .710

Al Aluminum | Cu Copper | Mg Magnesium | Plastics Plastics | Composites | Brass Brass

Use if DOC is more than 5X saw thickness

30 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 1-1/2" HUB Diameter
.0020"	C30-0020-32-30*	–
.0040"	C30-0040-32-30*	–
.0060"	C30-0060-32-30*	–
.0080"	C30-0080-32-30*	–
.0100"	C30-0100-32-30*	–
.0120"	C30-0120-32-30	–
.0140"	C30-0140-32-30	–
.0156"	C30-0156-32-30	–
.0180"	C30-0180-32-30	–
.0200"	C30-0200-32-30	K30-0200-32-30
.0230"	C30-0230-32-30	K30-0230-32-30
.0250"	C30-0250-32-30	K30-0250-32-30
.0280"	C30-0280-32-30	K30-0280-32-30
.0312"	C30-0312-32-30	K30-0312-32-30
.0350"	C30-0350-32-30	K30-0350-32-30
.0400"	C30-0400-32-30	K30-0400-32-30
.0468"	C30-0468-32-30	K30-0468-32-30
.0510"	C30-0510-32-30	K30-0510-32-30
.0625"	C30-0625-32-30	K30-0625-32-30
.0781"	C30-0781-32-30	K30-0781-32-30
.0937"	C30-0937-32-30	K30-0937-32-30
.1250"	C30-1250-32-30	K30-1250-32-30
.1562"	C30-1562-32-30	K30-1562-32-30
.1875"	C30-1875-32-30	K30-1875-32-30
.2500"	C30-2500-32-30	K30-2500-32-30

Ti Titanium | Cast Iron Cast Iron | Steel Steel | Stainless Steel Stainless Steel | Super Alloys Super Alloys

Use if DOC is more than 5X saw thickness

60 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 1-1/2" HUB Diameter
.0020"	C30-0020-32-60*	–
.0040"	C30-0040-32-60*	–
.0060"	C30-0060-32-60*	–
.0080"	C30-0080-32-60*	–
.0100"	C30-0100-32-60*	–
.0120"	C30-0120-32-60	–
.0140"	C30-0140-32-60	–
.0156"	C30-0156-32-60	–
.0180"	C30-0180-32-60	–
.0200"	C30-0200-32-60	K30-0200-32-60
.0230"	C30-0230-32-60	K30-0230-32-60
.0250"	C30-0250-32-60	K30-0250-32-60
.0280"	C30-0280-32-60	K30-0280-32-60
.0312"	C30-0312-32-60	K30-0312-32-60
.0350"	C30-0350-32-60	K30-0350-32-60
.0400"	C30-0400-32-60	K30-0400-32-60
.0468"	C30-0468-32-60	K30-0468-32-60
.0510"	C30-0510-32-60	K30-0510-32-60
.0625"	C30-0625-32-60	K30-0625-32-60
.0781"	C30-0781-32-60	K30-0781-32-60
.0937"	C30-0937-32-60	K30-0937-32-60
.1250"	C30-1250-32-60	K30-1250-32-60
.1562"	C30-1562-32-60	K30-1562-32-60
.1875"	C30-1875-32-60	K30-1875-32-60
.2500"	C30-2500-32-60	K30-2500-32-60

Any thickness in ten-thousandths of an inch from 0.0020" to 0.2500" **is standard.**

To order, **replace the middle 4 digits** in the part number.

Solid carbide spacers and flanges for 3" saws are available with 1" arbor holes in diameters ranging from 1.250" to 2.900" and thicknesses from .006" to .250". Call for price and delivery.

4" Diameter 1" Arbor

Proper Max Depth of Cut:
Using AB Arbor = 1.200
Using NAB Arbor = 1.210

Al Aluminum | Cu Copper | Mg Magnesium | Plastics Plastics | Composites | Brass Brass

Use if DOC is more than 5X saw thickness

36 TEETH

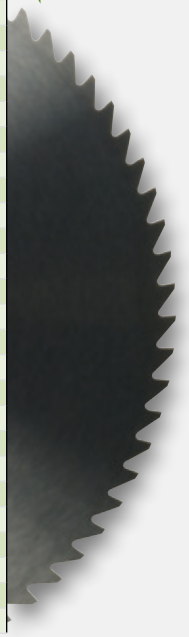
Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 1-1/2" HUB Diameter
.0020"	C40-0020-32-36*	–
.0040"	C40-0040-32-36*	–
.0060"	C40-0060-32-36*	–
.0080"	C40-0080-32-36*	–
.0100"	C40-0100-32-36*	–
.0120"	C40-0120-32-36	–
.0140"	C40-0140-32-36	–
.0156"	C40-0156-32-36	–
.0180"	C40-0180-32-36	–
.0200"	C40-0200-32-36	K40-0200-32-36
.0230"	C40-0230-32-36	K40-0230-32-36
.0250"	C40-0250-32-36	K40-0250-32-36
.0280"	C40-0280-32-36	K40-0280-32-36
.0312"	C40-0312-32-36	K40-0312-32-36
.0350"	C40-0350-32-36	K40-0350-32-36
.0400"	C40-0400-32-36	K40-0400-32-36
.0468"	C40-0468-32-36	K40-0468-32-36
.0510"	C40-0510-32-36	K40-0510-32-36
.0625"	C40-0625-32-36	K40-0625-32-36
.0781"	C40-0781-32-36	K40-0781-32-36
.0937"	C40-0937-32-36	K40-0937-32-36
.1250"	C40-1250-32-36	K40-1250-32-36
.1562"	C40-1562-32-36	K40-1562-32-36
.1875"	C40-1875-32-36	K40-1875-32-36
.2500"	C40-2500-32-36	K40-2500-32-36

Ti Titanium | Cast Iron Cast Iron | Steel Steel | Stainless Steel Stainless Steel | Super Alloys Super Alloys

Use if DOC is more than 5X saw thickness

72 TEETH

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 1-1/2" HUB Diameter
.0020"	C40-0020-32-72*	–
.0040"	C40-0040-32-72*	–
.0060"	C40-0060-32-72*	–
.0080"	C40-0080-32-72*	–
.0100"	C40-0100-32-72*	–
.0120"	C40-0120-32-72	–
.0140"	C40-0140-32-72	–
.0156"	C40-0156-32-72	–
.0180"	C40-0180-32-72	–
.0200"	C40-0200-32-72	K40-0200-32-72
.0230"	C40-0230-32-72	K40-0230-32-72
.0250"	C40-0250-32-72	K40-0250-32-72
.0280"	C40-0280-32-72	K40-0280-32-72
.0312"	C40-0312-32-72	K40-0312-32-72
.0350"	C40-0350-32-72	K40-0350-32-72
.0400"	C40-0400-32-72	K40-0400-32-72
.0468"	C40-0468-32-72	K40-0468-32-72
.0510"	C40-0510-32-72	K40-0510-32-72
.0625"	C40-0625-32-72	K40-0625-32-72
.0781"	C40-0781-32-72	K40-0781-32-72
.0937"	C40-0937-32-72	K40-0937-32-72
.1250"	C40-1250-32-72	K40-1250-32-72
.1562"	C40-1562-32-72	K40-1562-32-72
.1875"	C40-1875-32-72	K40-1875-32-72
.2500"	C40-2500-32-72	K40-2500-32-72



Solid carbide spacers and flanges for 4" saws are available with 1" arbor holes in diameters ranging from 1.250" to 3.900" and thicknesses from .006" to .250". Call for price and delivery.

*All Saws under .010 are non-returnable.

SAWS Solid Carbide

Any Saw Thickness Available

20 mm Diameter 5 mm Arbor

Proper Max Depth of Cut: Using MSA Arbor = 3.5 mm

Al Aluminum | Cu Copper | Mg Magnesium | Plastics | Composites | Brass

Use if DOC is more than 5X saw thickness

10 TEETH METRIC

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 12mm HUB Diameter
.05 mm	M20-0050-05-10*	–
.10 mm	M20-0100-05-10*	–
.15 mm	M20-0150-05-10*	–
.20 mm	M20-0200-05-10*	–
.40 mm	M20-0400-05-10	–
.60 mm	M20-0600-05-10	MK20-0600-05-10
1 mm	M20-1000-05-10	MK20-1000-05-10
1.20 mm	M20-1200-05-10	MK20-1200-05-10
1.60 mm	M20-1600-05-10	MK20-1600-05-10
2.00 mm	M20-2000-05-10	MK20-2000-05-10
2.50 mm	M20-2500-05-10	MK20-2500-05-10
3.00 mm	M20-3000-05-10	MK20-3000-05-10
4.00 mm	M20-4000-05-10	MK20-4000-05-10
5.00 mm	M20-5000-05-10	MK20-5000-05-10
6.00 mm	M20-6000-05-10	MK20-6000-05-10

Ti Titanium | Cast Iron | Steel | Stainless Steel | Super Alloys

Use if DOC is more than 5X saw thickness

20 TEETH METRIC

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 12mm HUB Diameter
.05 mm	M20-0050-05-20*	–
.10 mm	M20-0100-05-20*	–
.15 mm	M20-0150-05-20*	–
.20 mm	M20-0200-05-20*	–
.40 mm	M20-0400-05-20	–
.60 mm	M20-0600-05-20	MK20-0600-05-20
1 mm	M20-1000-05-20	MK20-1000-05-20
1.20 mm	M20-1200-05-20	MK20-1200-05-20
1.60 mm	M20-1600-05-20	MK20-1600-05-20
2.00 mm	M20-2000-05-20	MK20-2000-05-20
2.50 mm	M20-2500-05-20	MK20-2500-05-20
3.00 mm	M20-3000-05-20	MK20-3000-05-20
4.00 mm	M20-4000-05-20	MK20-4000-05-20
5.00 mm	M20-5000-05-20	MK20-5000-05-20
6.00 mm	M20-6000-05-20	MK20-6000-05-20

Solid carbide spacers and flanges available. See back of Saws section.

25 mm Diameter 8 mm Arbor

Proper Max Depth of Cut: Using MSA Arbor = 4.0 mm

Al Aluminum | Cu Copper | Mg Magnesium | Plastics | Composites | Brass

Use if DOC is more than 5X saw thickness

12 TEETH METRIC

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 16mm HUB Diameter
.05 mm	M25-0050-08-12*	–
.10 mm	M25-0100-08-12*	–
.15 mm	M25-0150-08-12*	–
.20 mm	M25-0200-08-12*	–
.40 mm	M25-0400-08-12	–
.60 mm	M25-0600-08-12	MK25-0600-08-12
1 mm	M25-1000-08-12	MK25-1000-08-12
1.20 mm	M25-1200-08-12	MK25-1200-08-12
1.60 mm	M25-1600-08-12	MK25-1600-08-12
2.00 mm	M25-2000-08-12	MK25-2000-08-12
2.50 mm	M25-2500-08-12	MK25-2500-08-12
3.00 mm	M25-3000-08-12	MK25-3000-08-12
4.00 mm	M25-4000-08-12	MK25-4000-08-12
5.00 mm	M25-5000-08-12	MK25-5000-08-12
6.00 mm	M25-6000-08-12	MK25-6000-08-12

Ti Titanium | Cast Iron | Steel | Stainless Steel | Super Alloys

Use if DOC is more than 5X saw thickness

24 TEETH METRIC

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 16mm HUB Diameter
.05 mm	M25-0050-08-24*	–
.10 mm	M25-0100-08-24*	–
.15 mm	M25-0150-08-24*	–
.20 mm	M25-0200-08-24*	–
.40 mm	M25-0400-08-24	–
.60 mm	M25-0600-08-24	MK25-0600-08-24
1 mm	M25-1000-08-24	MK25-1000-08-24
1.20 mm	M25-1200-08-24	MK25-1200-08-24
1.60 mm	M25-1600-08-24	MK25-1600-08-24
2.00 mm	M25-2000-08-24	MK25-2000-08-24
2.50 mm	M25-2500-08-24	MK25-2500-08-24
3.00 mm	M25-3000-08-24	MK25-3000-08-24
4.00 mm	M25-4000-08-24	MK25-4000-08-24
5.00 mm	M25-5000-08-24	MK25-5000-08-24
6.00 mm	M25-6000-08-24	MK25-6000-08-24

Solid carbide spacers and flanges available. See back of Saws section.

NEW Coatings Available! TiN TiCN AlTiN

Any Saw Thickness Available!

See Price Sheet for Quantity Discount

*All Saws under 0.254mm are non-returnable.

Solid Carbide SAWS

QUANTITY DISCOUNTS
Available at Qty 3, 7 and 25+

Any Saw Thickness Available

32 mm Diameter 8 mm Arbor

Proper Max Depth of Cut:
Using MSA Arbor = 7.5 mm

Al Aluminum | Cu Copper | Mg Magnesium | Plastics | Composites | Brass

Use if DOC is more than 5X saw thickness

16 TEETH METRIC		Alternate Tooth Chamfer Double Concavity 16mm HUB Diameter
Saw Thickness	Standard Concavity	
.10 mm	M32-0100-08-16*	–
.15 mm	M32-0150-08-16*	–
.20 mm	M32-0200-08-16*	–
.40 mm	M32-0400-08-16	–
.60 mm	M32-0600-08-16	MK32-0600-08-16
1 mm	M32-1000-08-16	MK32-1000-08-16
1.20 mm	M32-1200-08-16	MK32-1200-08-16
1.60 mm	M32-1600-08-16	MK32-1600-08-16
2.00 mm	M32-2000-08-16	MK32-2000-08-16
2.50 mm	M32-2500-08-16	MK32-2500-08-16
3.00 mm	M32-3000-08-16	MK32-3000-08-16
4.00 mm	M32-4000-08-16	MK32-4000-08-16
5.00 mm	M32-5000-08-16	MK32-5000-08-16
6.00 mm	M32-6000-08-16	MK32-6000-08-16

Ti Titanium | Cast Iron | Steel | Stainless Steel | Super Alloys

Use if DOC is more than 5X saw thickness

36 TEETH METRIC		Alternate Tooth Chamfer Double Concavity 16mm HUB Diameter
Saw Thickness	Standard Concavity	
.10 mm	M32-0100-08-36*	–
.15 mm	M32-0150-08-36*	–
.20 mm	M32-0200-08-36*	–
.40 mm	M32-0400-08-36	–
.60 mm	M32-0600-08-36	MK32-0600-08-36
1 mm	M32-1000-08-36	MK32-1000-08-36
1.20 mm	M32-1200-08-36	MK32-1200-08-36
1.60 mm	M32-1600-08-36	MK32-1600-08-36
2.00 mm	M32-2000-08-36	MK32-2000-08-36
2.50 mm	M32-2500-08-36	MK32-2500-08-36
3.00 mm	M32-3000-08-36	MK32-3000-08-36
4.00 mm	M32-4000-08-36	MK32-4000-08-36
5.00 mm	M32-5000-08-36	MK32-5000-08-36
6.00 mm	M32-6000-08-36	MK32-6000-08-36

Solid carbide spacers and flanges available. See back of Saws section.

40 mm Diameter 10 mm Arbor

Proper Max Depth of Cut:
Using MSA Arbor = 10.5 mm

Al Aluminum | Cu Copper | Mg Magnesium | Plastics | Composites | Brass

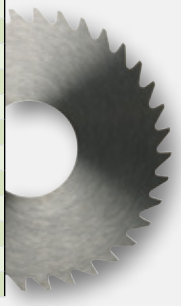
Use if DOC is more than 5X saw thickness

16 TEETH METRIC		Alternate Tooth Chamfer Double Concavity 18mm HUB Diameter
Saw Thickness	Standard Concavity	
.10 mm	M40-0100-10-16*	–
.15 mm	M40-0150-10-16*	–
.20 mm	M40-0200-10-16*	–
.40 mm	M40-0400-10-16	–
.60 mm	M40-0600-10-16	MK40-0600-10-16
1 mm	M40-1000-10-16	MK40-1000-10-16
1.20 mm	M40-1200-10-16	MK40-1200-10-16
1.60 mm	M40-1600-10-16	MK40-1600-10-16
2.00 mm	M40-2000-10-16	MK40-2000-10-16
2.50 mm	M40-2500-10-16	MK40-2500-10-16
3.00 mm	M40-3000-10-16	MK40-3000-10-16
4.00 mm	M40-4000-10-16	MK40-4000-10-16
5.00 mm	M40-5000-10-16	MK40-5000-10-16
6.00 mm	M40-6000-10-16	MK40-6000-10-16

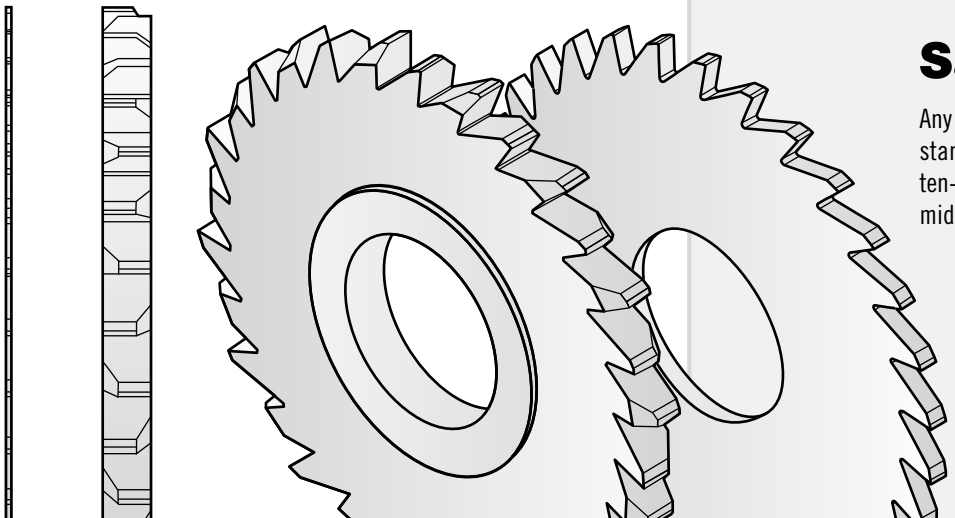
Ti Titanium | Cast Iron | Steel | Stainless Steel | Super Alloys

Use if DOC is more than 5X saw thickness

36 TEETH METRIC		Alternate Tooth Chamfer Double Concavity 18mm HUB Diameter
Saw Thickness	Standard Concavity	
.10 mm	M40-0100-10-36*	–
.15 mm	M40-0150-10-36*	–
.20 mm	M40-0200-10-36*	–
.40 mm	M40-0400-10-36	–
.60 mm	M40-0600-10-36	MK40-0600-10-36
1 mm	M40-1000-10-36	MK40-1000-10-36
1.20 mm	M40-1200-10-36	MK40-1200-10-36
1.60 mm	M40-1600-10-36	MK40-1600-10-36
2.00 mm	M40-2000-10-36	MK40-2000-10-36
2.50 mm	M40-2500-10-36	MK40-2500-10-36
3.00 mm	M40-3000-10-36	MK40-3000-10-36
4.00 mm	M40-4000-10-36	MK40-4000-10-36
5.00 mm	M40-5000-10-36	MK40-5000-10-36
6.00 mm	M40-6000-10-36	MK40-6000-10-36



Solid carbide spacers and flanges available. See back of Saws section.



Saw Thickness

Any thickness from 0.10mm to 6.00mm is standard. To order any saw thickness in ten-thousandths of an inch, replace the middle 4 digits in the part number.

Example:

1.450mm saw thickness

M40-1450-10-36
See price sheet for pricing

*All Saws under 0.254mm are non-returnable.

SAWS Solid Carbide

Any Saw Thickness Available

50 mm Diameter 13 mm Arbor

Proper Max Depth of Cut: Using MSA Arbor = 14.5 mm

Al Aluminum | Cu Copper | Mg Magnesium | Plastics Plastics | Composites | Brass Brass

Use if DOC is more than 5X saw thickness

24 TEETH METRIC

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 20mm HUB Diameter
.15 mm	M50-0150-13-24*	–
.20 mm	M50-0200-13-24*	–
.40 mm	M50-0400-13-24	–
.60 mm	M50-0600-13-24	MK50-0600-13-24
1 mm	M50-1000-13-24	MK50-1000-13-24
1.20 mm	M50-1200-13-24	MK50-1200-13-24
1.60 mm	M50-1600-13-24	MK50-1600-13-24
2.00 mm	M50-2000-13-24	MK50-2000-13-24
2.50 mm	M50-2500-13-24	MK50-2500-13-24
3.00 mm	M50-3000-13-24	MK50-3000-13-24
4.00 mm	M50-4000-13-24	MK50-4000-13-24
5.00 mm	M50-5000-13-24	MK50-5000-13-24
6.00 mm	M50-6000-13-24	MK50-6000-13-24

Ti Titanium | Cast Iron Cast Iron | Steel Steel | Stainless Steel Stainless Steel | Super Alloys Super Alloys

Use if DOC is more than 5X saw thickness

48 TEETH METRIC

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 20mm HUB Diameter
.15 mm	M50-0150-13-48*	–
.20 mm	M50-0200-13-48*	–
.40 mm	M50-0400-13-48	–
.60 mm	M50-0600-13-48	MK50-0600-13-48
1 mm	M50-1000-13-48	MK50-1000-13-48
1.20 mm	M50-1200-13-48	MK50-1200-13-48
1.60 mm	M50-1600-13-48	MK50-1600-13-48
2.00 mm	M50-2000-13-48	MK50-2000-13-48
2.50 mm	M50-2500-13-48	MK50-2500-13-48
3.00 mm	M50-3000-13-48	MK50-3000-13-48
4.00 mm	M50-4000-13-48	MK50-4000-13-48
5.00 mm	M50-5000-13-48	MK50-5000-13-48
6.00 mm	M50-6000-13-48	MK50-6000-13-48

Solid carbide spacers and flanges available. See back of Saws section.

63 mm Diameter 16 mm Arbor

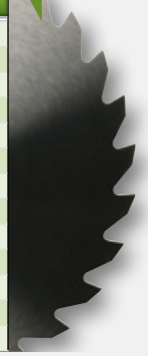
Proper Max Depth of Cut: Using MSA Arbor = 18.5 mm

Al Aluminum | Cu Copper | Mg Magnesium | Plastics Plastics | Composites | Brass Brass

Use if DOC is more than 5X saw thickness

28 TEETH METRIC

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 25mm HUB Diameter
.15 mm	M63-0150-16-28*	–
.20 mm	M63-0200-16-28*	–
.40 mm	M63-0400-16-28	–
.60 mm	M63-0600-16-28	MK63-0600-16-28
1 mm	M63-1000-16-28	MK63-1000-16-28
1.20 mm	M63-1200-16-28	MK63-1200-16-28
1.60 mm	M63-1600-16-28	MK63-1600-16-28
2.00 mm	M63-2000-16-28	MK63-2000-16-28
2.50 mm	M63-2500-16-28	MK63-2500-16-28
3.00 mm	M63-3000-16-28	MK63-3000-16-28
4.00 mm	M63-4000-16-28	MK63-4000-16-28
5.00 mm	M63-5000-16-28	MK63-5000-16-28
6.00 mm	M63-6000-16-28	MK63-6000-16-28



Ti Titanium | Cast Iron Cast Iron | Steel Steel | Stainless Steel Stainless Steel | Super Alloys Super Alloys

Use if DOC is more than 5X saw thickness

56 TEETH METRIC

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 25mm HUB Diameter
.15 mm	M63-0150-16-56*	–
.20 mm	M63-0200-16-56*	–
.40 mm	M63-0400-16-56	–
.60 mm	M63-0600-16-56	MK63-0600-16-56
1 mm	M63-1000-16-56	MK63-1000-16-56
1.20 mm	M63-1200-16-56	MK63-1200-16-56
1.60 mm	M63-1600-16-56	MK63-1600-16-56
2.00 mm	M63-2000-16-56	MK63-2000-16-56
2.50 mm	M63-2500-16-56	MK63-2500-16-56
3.00 mm	M63-3000-16-56	MK63-3000-16-56
4.00 mm	M63-4000-16-56	MK63-4000-16-56
5.00 mm	M63-5000-16-56	MK63-5000-16-56
6.00 mm	M63-6000-16-56	MK63-6000-16-56

Solid carbide spacers and flanges available. See back of Saws section.

Saw Thickness

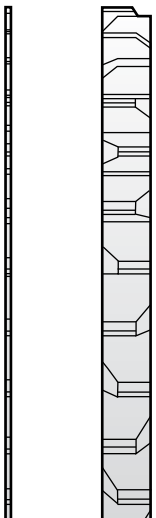
Any thickness from 0.10mm to 6.00mm is standard. To order any saw thickness in ten-thousandths of an inch, replace the middle 4 digits in the part number.

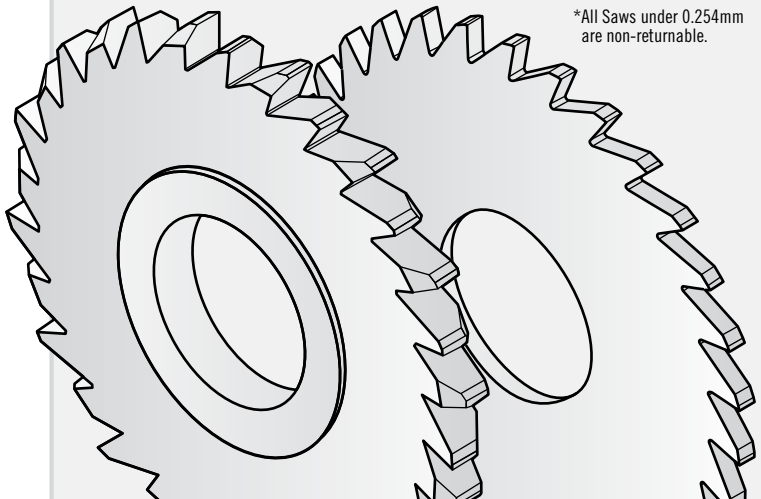
Example:

1.450mm saw thickness

▶ **M40-1450-10-36**

See price sheet for pricing





*All Saws under 0.254mm are non-returnable.

Solid Carbide SAWS

Any Saw Thickness Available

80 mm Diameter 22 mm Arbor

Proper Max Depth of Cut: Using MSA Arbor = 21.5 mm

Al Aluminum · Cu Copper · Mg Magnesium · Plastics Plastics · Composites · Brass Brass

Use if DOC is more than 5X saw thickness

30 TEETH METRIC

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 35mm HUB Diameter
.20 mm	M80-0200-22-30*	–
.40 mm	M80-0400-22-30	–
.60 mm	M80-0600-22-30	MK80-0600-22-30
1 mm	M80-1000-22-30	MK80-1000-22-30
1.20 mm	M80-1200-22-30	MK80-1200-22-30
1.60 mm	M80-1600-22-30	MK80-1600-22-30
2.00 mm	M80-2000-22-30	MK80-2000-22-30
2.50 mm	M80-2500-22-30	MK80-2500-22-30
3.00 mm	M80-3000-22-30	MK80-3000-22-30
4.00 mm	M80-4000-22-30	MK80-4000-22-30
5.00 mm	M80-5000-22-30	MK80-5000-22-30
6.00 mm	M80-6000-22-30	MK80-6000-22-30

Ti Titanium · Cast Iron · Steel · Stainless Steel · Super Alloys

Use if DOC is more than 5X saw thickness

60 TEETH METRIC

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 35mm HUB Diameter
.20 mm	M80-0200-22-60*	–
.40 mm	M80-0400-22-60	–
.60 mm	M80-0600-22-60	MK80-0600-22-60
1 mm	M80-1000-22-60	MK80-1000-22-60
1.20 mm	M80-1200-22-60	MK80-1200-22-60
1.60 mm	M80-1600-22-60	MK80-1600-22-60
2.00 mm	M80-2000-22-60	MK80-2000-22-60
2.50 mm	M80-2500-22-60	MK80-2500-22-60
3.00 mm	M80-3000-22-60	MK80-3000-22-60
4.00 mm	M80-4000-22-60	MK80-4000-22-60
5.00 mm	M80-5000-22-60	MK80-5000-22-60
6.00 mm	M80-6000-22-60	MK80-6000-22-60

Solid carbide spacers and flanges available. See back of Saws section.

100 mm Diameter 22 mm Arbor

Proper Max Depth of Cut: Using MSA Arbor = 31.5 mm

Al Aluminum · Cu Copper · Mg Magnesium · Plastics Plastics · Composites · Brass Brass

Use if DOC is more than 5X saw thickness

36 TEETH METRIC

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 35mm HUB Diameter
.20 mm	M100-0200-22-36*	–
.40 mm	M100-0400-22-36	–
.60 mm	M100-0600-22-36	MK100-0600-22-36
1 mm	M100-1000-22-36	MK100-1000-22-36
1.20 mm	M100-1200-22-36	MK100-1200-22-36
1.60 mm	M100-1600-22-36	MK100-1600-22-36
2.00 mm	M100-2000-22-36	MK100-2000-22-36
2.50 mm	M100-2500-22-36	MK100-2500-22-36
3.00 mm	M100-3000-22-36	MK100-3000-22-36
4.00 mm	M100-4000-22-36	MK100-4000-22-36
5.00 mm	M100-5000-22-36	MK100-5000-22-36
6.00 mm	M100-6000-22-36	MK100-6000-22-36

Ti Titanium · Cast Iron · Steel · Stainless Steel · Super Alloys

Use if DOC is more than 5X saw thickness

72 TEETH METRIC

Saw Thickness	Standard Concavity	Alternate Tooth Chamfer Double Concavity 35mm HUB Diameter
.20 mm	M100-0200-22-72*	–
.40 mm	M100-0400-22-72	–
.60 mm	M100-0600-22-72	MK100-0600-22-72
1 mm	M100-1000-22-72	MK100-1000-22-72
1.20 mm	M100-1200-22-72	MK100-1200-22-72
1.60 mm	M100-1600-22-72	MK100-1600-22-72
2.00 mm	M100-2000-22-72	MK100-2000-22-72
2.50 mm	M100-2500-22-72	MK100-2500-22-72
3.00 mm	M100-3000-22-72	MK100-3000-22-72
4.00 mm	M100-4000-22-72	MK100-4000-22-72
5.00 mm	M100-5000-22-72	MK100-5000-22-72
6.00 mm	M100-6000-22-72	MK100-6000-22-72

Solid carbide spacers and flanges available. See back of Saws section.

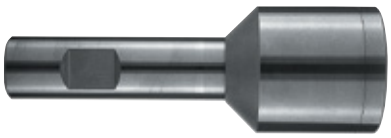
NEW Coatings Available! TiN TiCN AlTiN

Any Saw Thickness Available!

*All Saws under 0.254mm are non-returnable.

SAWS Arbors & Flanges for Saws

RobbJack Arbors are the tightest tolerances in the industry and solve many of the problems associated with using carbide slitting saws. RJ Arbors have less than .0002" Runout

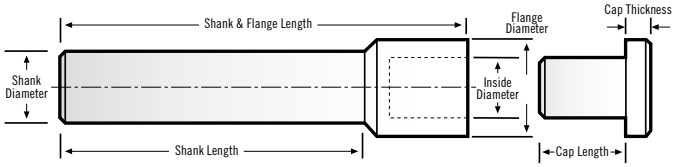


AB Arbors

Arbor Size	Shank Diameter	Flange Diameter	Cap Length	Shank & Flange Length	Shank Length	Cap Thickness	Screw Size (Included)	Torque Specs	Hex Key Size (Included)	Part Number
1/4"	1/2"	1/2"	3/8"	2-7/8"	2-7/8"	3/16"	8-32×1" Flat-Head Socket Cap Screw	29 in-lb	3/32"	AB-250
3/8"	1/2"	5/8"	3/8"	2-7/8"	2-5/16"	1/4"	10-32×1.5" Flat-Head Socket Cap Screw	47 in-lb	1/8"	AB-375
1/2"	1/2"	3/4"	1/2"	2-7/8"	2"	1/4"	1/4-20×1.5" Flat-Head Socket Cap Screw	202 in-lb	5/32"	AB-500
5/8"	3/4"	1"	7/8"	4"	2-7/8"	1/4"	1/4-20×2" Socket head cap screw	202 in-lb	3/16""	AB-625
7/8"	3/4"	1-1/4"	1"	4"	2-1/2"	1/4"	5/16-18×2.5" Socket head cap screw	415 in-lb	1/4"	AB-875
1"	3/4"	1-1/2"	1"	4"	2-3/8"	1/4"	5/16-18×2.5" Socket head cap screw	415 in-lb	1/4"	AB-1000
1"	1"	1-1/2"	1"	5"	3-1/2"	1/4"	5/16-18×2.5" Socket head cap screw	415 in-lb	1/4"	AB-1000-1
1-1/4"	1"	1-3/4"	1-3/8"	5"	3-1/4"	1/4"	1/2-13×3" Socket head cap screw	600 in-lb	3/8"	AB-1250

MSA Arbors METRIC

Arbor Size	Shank Diameter	Flange Diameter	Cap Length	Shank & Flange Length	Shank Length	Cap Thickness	Screw Size (Included)	Torque Specs	Hex Key Size (Included)	Part Number
5mm	12mm	12mm	10mm	75mm	75mm	4.5mm	M3×25 Flat-Head Socket Cap Screw	1.25 nm	2mm	MSA-05
8mm	12mm	16mm	10mm	75mm	61mm	6mm	M3×25 Flat-Head Socket Cap Screw	1.25 nm	2mm	MSA-08
10mm	12mm	18mm	10mm	75mm	59.6mm	6mm	M5×30 Flat-Head Socket Cap Screw	6.9 nm	3mm	MSA-10
13mm	12mm	20mm	10mm	75mm	58.7mm	6mm	M5×30 Flat-Head Socket Cap Screw	6.9 nm	3mm	MSA-13
16mm	16mm	25mm	22mm	100mm	70.4mm	6mm	M5×45 Socket head cap screw	12 nm	4mm	MSA-16
22mm	20mm	35mm	22mm	100mm	67.4mm	6mm	M6×45 Socket head cap screw	20.3 nm	5mm	MSA-22



AB Arbor Tolerances
Inside Dia. = +.0001/+.0003
Flange Dia. = ±.003
Shank Dia. = –.0001/–.0003
OAL = ±.060
Cap Dia. = +.0000/–.0002
Cap Length = +.060/–.000
Cap Thickness = +.060/–.000

MSA Arbor Tolerances
Inside Dia. = +.005/+.008mm
Flange Dia. = ±.076mm
Shank Dia. = –.0025/–.0076mm
OAL = ±1.5mm
Cap Dia. = +.0000/–.005mm
Cap Length = +1.5/–.000mm
Cap Thickness = +1.5/–.000mm

Inside Diameter concentric to Shank Diameter within .005 mm

Notes:
Total thickness of saws/spacers should not exceed 50% of Cap Length.

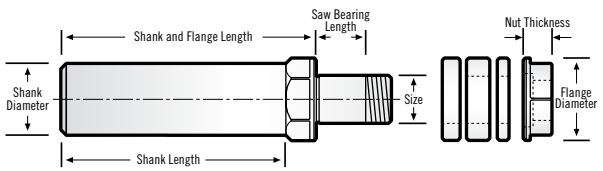
Arbor caps with longer Cap Length dimension available. (Excludes Metric)

NEW! 15X Gripping Force

NAB Arbors

Arbor Size	Shank Diameter	Flange Diameter	Saw Bearing Length	Shank & Flange Length	Shank Length	Nut Thickness	Spacers Included	Torque Specs	Part Number	Thru-Coolant Saw Arbors
1/4"	1/2"	0.57	0.26	2.2	1.7"	.250	.0625" .125 .1875"	8 ft-lbs	NAB-250	NAB-250-TC
3/8"	5/8"	0.71	.375	2.4	2"	.280	.0625" .125 .1875"	25 ft-lbs	NAB-375	NAB-375-TC
1/2"	3/4"	0.855	.5	3.0	2.5"	.325	.0625" .1875" .25	45 ft-lbs	NAB-500	NAB-500-TC
5/8"	7/8"	1.075	.5	3.15	2.5"	.390	.0625" .1875" .25	45 ft-lbs	NAB-625	NAB-625-TC
3/4"	1"	1.215	.5	3.4	2.8"	.440	.0625" .1875" .25	50 ft-lbs	NAB-750	NAB-750-TC
7/8"	1"	1.434	.5	3.4	2.98"	.440	.0625" .1875" .25	50 ft-lbs	NAB-875	NAB-875-TC
1"	1"	1.48	.5	3.5	3"	.440	.0625" .1875" .25	50 ft-lbs	NAB-1000	NAB-1000-TC
1-1/4"	1-1/4"	2	.5	3.5	3.08"	.440	.0625" .1875" .25	50 ft-lbs	NAB-1250	NAB-1250-TC

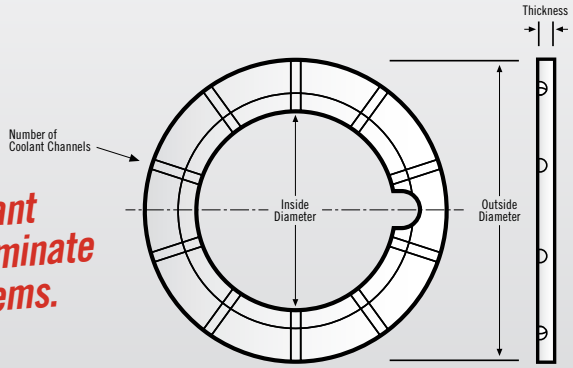
Keyway Size (Removable)
Special – available upon request
1/8"
1/8"
1/8"
1/4"
5/16"



NAB Arbor Tolerances
Arbor Size = –.0001/–.0003
Flange Dia. = ±.010
Shank Dia. = –.0001/–.0004
Shank & Flange Length = ±.015
Saw Bearing Length = ±.015
Nut Thickness = ±.010
Runout = .0005 max

CF Thru-Coolant Flanges are required for Thru-Coolant Arbors

Solid Carbide Thru-Coolant Saw Flanges CF



Extremely ACCURATE & long lasting!

Solid carbide thru-coolant flanges and spacers eliminate burr and scratch problems.

Must be used when using NAB Thru-Coolant saw arbor

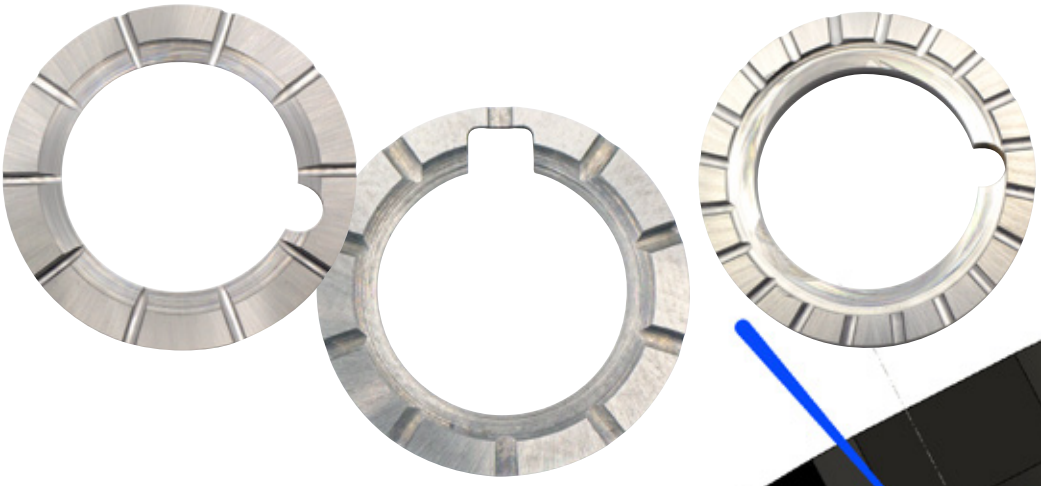
CF Solid Carbide Thru-Coolant Saw Flanges

Inside Diameter	Thickness	Outside Diameter	# of coolant channels	Part Number
1/4"	0.06"	0.57"	10	CF-250-0600-10
3/8"	0.06"	0.71"	10	CF-375-0600-10
1/2"	0.06"	0.855"	14	CF-500-0600-14
5/8"	0.06"	1.075"	14	CF-625-0600-14
3/4"	0.06"	1.215"	16	CF-750-0600-16
7/8"	0.06"	1.434"	20	CF-875-0600-20
1"	0.06"	1.48"	20	CF-1000-0600-20
1-1/4"	0.06"	2"	24	CF-1250-0600-24

NEW!

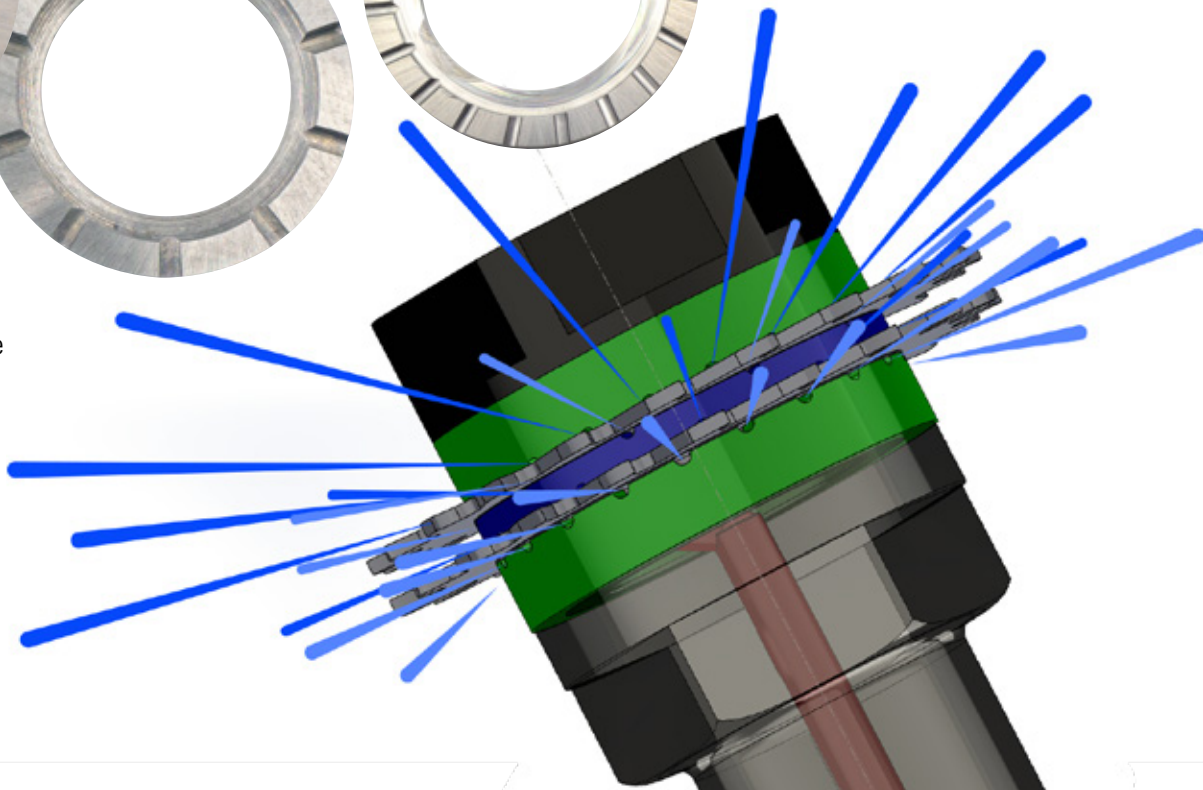
Two solid carbide coolant flanges are needed for Thru-Coolant arbors.

Sold in Pairs.



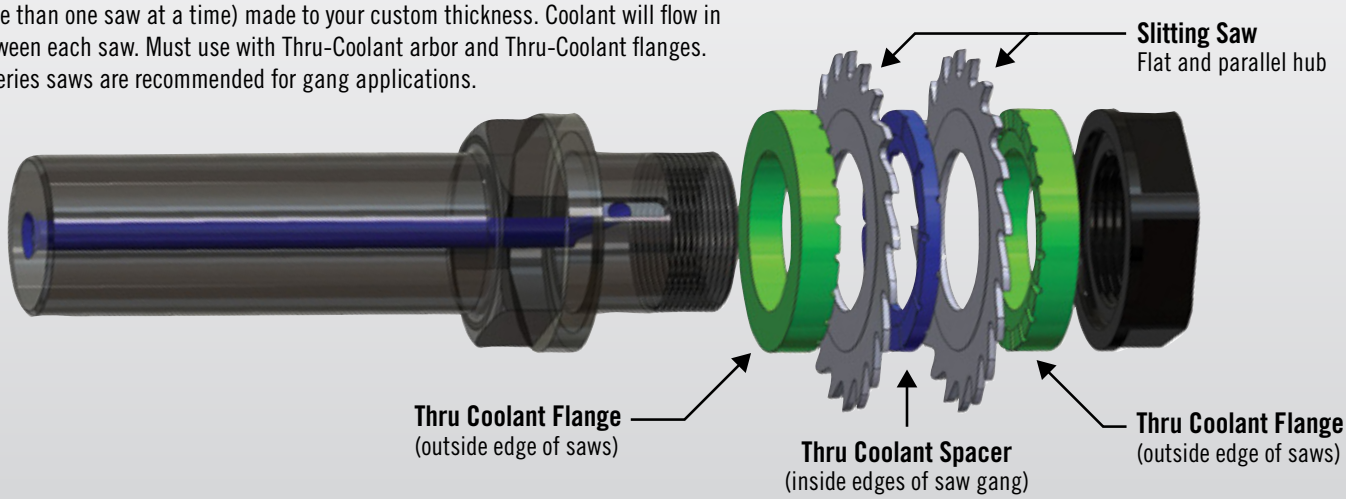
Keyways in images are not standard they are available upon request

Watch video on how to use tand what is needed for thru coolant saw arbors



CSP Solid Carbide Thru-Coolant Saw Spacers

Solid Carbide Thru-Coolant Spacers are available for gang operations (stacking more than one saw at a time) made to your custom thickness. Coolant will flow in between each saw. Must use with Thru-Coolant arbor and Thru-Coolant flanges. K-series saws are recommended for gang applications.



Only needed when ganging multiple saws with Thru-Coolant. Must use NAB Thru-Coolant Arbor and CF Thru-Coolant Flanges.

Spacer Thickness

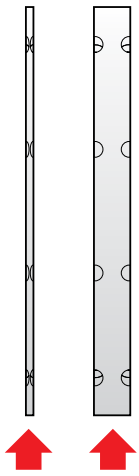
Any thickness from 0.0020" to 0.2500" is standard. To order any spacer thickness in ten thousandths of an inch, replace the 4 digits in the part number.

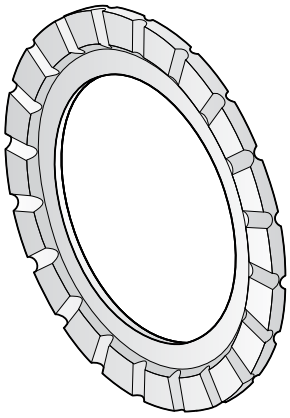
Example:

1 inside diameter spacer made to work with NAB-1000-TC at .0456 thickness

CSP-1000-0456-20

See price sheet for pricing

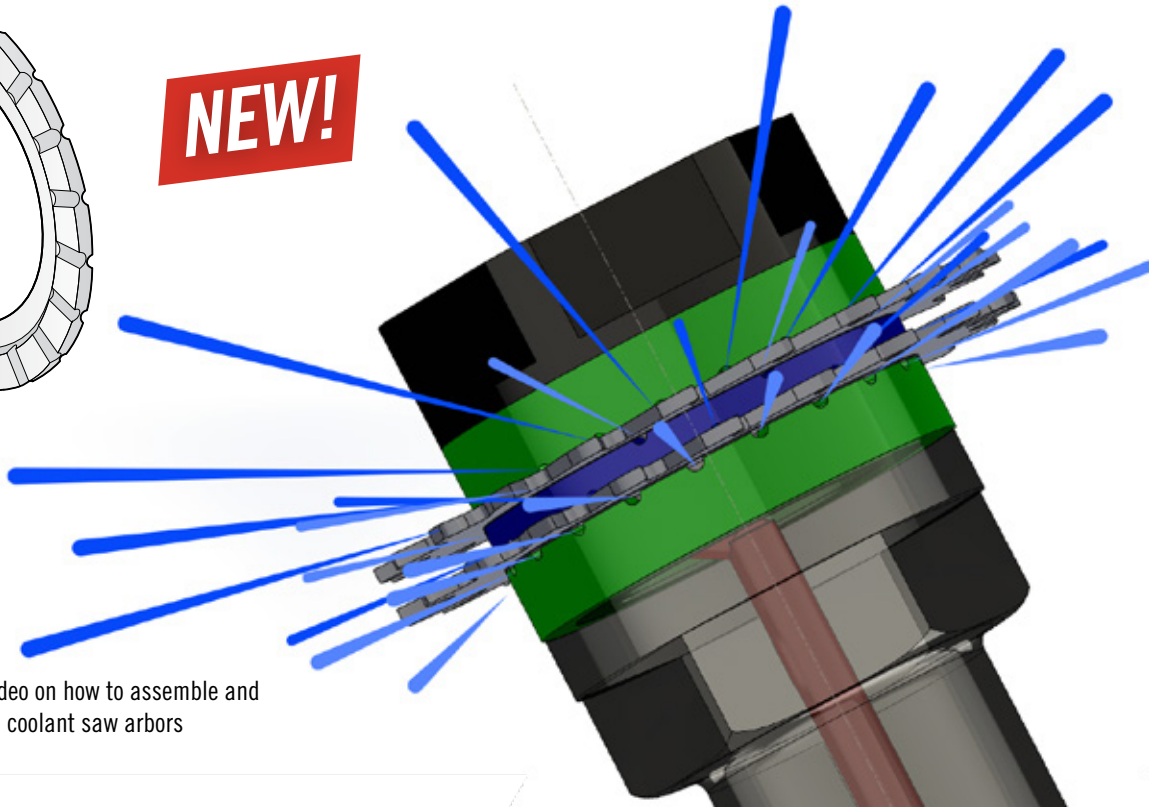




CSP Solid Carbide Thru-Coolant Saw Spacers

Inside Diameter	Thickness	Outside Diameter	# of coolant channels	Part Number
1/4"	Specify Thickness by replacing the red digits	0.57"	10	CSP-250-XXXX-10
3/8"		0.71"	10	CSP-375-XXXX-10
1/2"		0.855"	14	CSP-500-XXXX-14
5/8"		1.075"	14	CSP-625-XXXX-14
3/4"		1.215"	16	CSP-750-XXXX-16
7/8"		1.434"	20	CSP-875-XXXX-20
1"		1.48"	20	CSP-1000-XXXX-20
1-1/4"		2"	24	CSP-1250-XXXX-24

NEW!



Watch the video on how to assemble and set up a thru coolant saw arbors

FLANGES (Any diameter between 2–4)

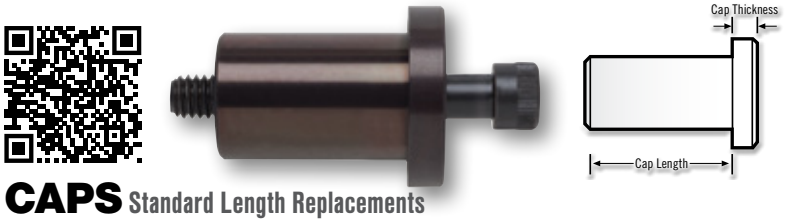
Flange Diameter	Flange Part Number
1.75–2	FLANGES-2
2.125–2.5	FLANGES-2.5
2.5–3	FLANGES-3
3–3.5	FLANGES-3.5
3.5–4	FLANGES-4

Flange Tolerances

Steel flanges are heat treated and ground flat and parallel within plus or minus .00005. All steel flanges have 1.000" inside diameter arbor hole.

Steel flanges are custom ground as to diameter. Please specify exact diameter (see range).

Carbide spacers available.



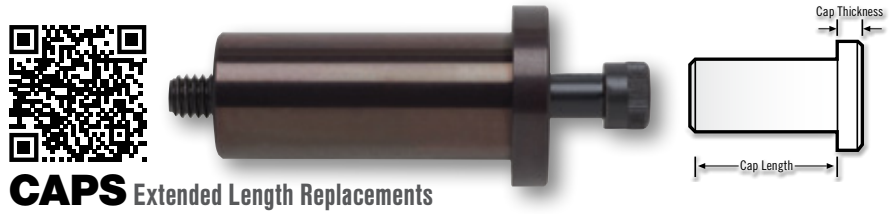
CAPS Standard Length Replacements

Arbor Number	Cap Length	Screw Size (Included)	Hex Key Size	Standard Cap Part Number
AB-250	3/8"	8-32×1 Flat head Socket head cap screw	0.0937"5	CP-AB-250
AB-375	3/8"	10-32×1.5 Flat head Socket head cap screw	0.125	CP-AB-375
AB-500	1/2"	1/4-20×1.5 Socket head cap screw	0.1563	CP-AB-500
AB-625	7/8"	1/4-20×2 Socket head cap screw	0.1875"	CP-AB-625
AB-875	1	5/16-18×2.5 Socket head cap screw	1/4"	CP-AB-875
AB-1000	1	5/16-18×2.5 Socket head cap screw	1/4"	CP-AB-1000
AB-1000-1	1	5/16-18×2.5 Socket head cap screw	1/4"	CP-AB-1000

Notes:

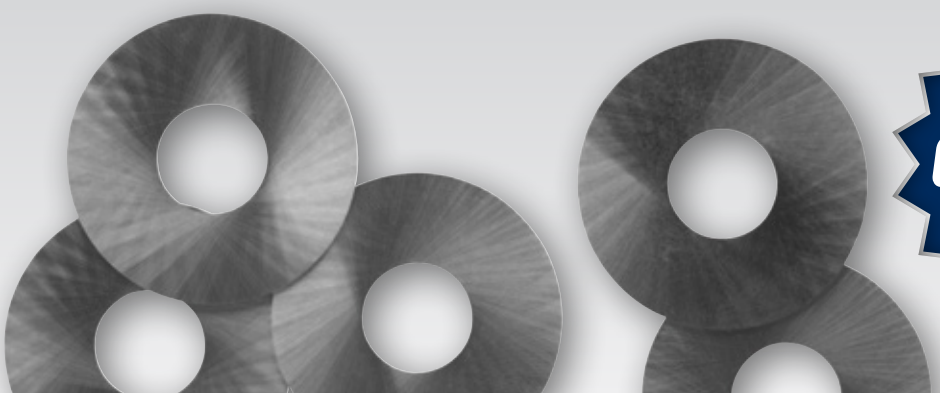
Total thickness of saws/spacers should not exceed 50% of Cap Length.

Replacement caps with longer Cap Length dimension available.



CAPS Extended Length Replacements

Arbor Number	Cap Length	Screw Size (Included)	Hex Key Size	Extended Cap Part Number
AB-250	3/4"	8-32×1.5 Flat head Socket head cap screw	0.0937"5	XCP-AB-250
AB-375	7/8"	10-32×2 Flat head Socket head cap screw	0.125	XCP-AB-375
AB-500	3/4"	1/4-20×1.75 Socket head cap screw	0.1563	XCP-AB-500
AB-625	1-3/4"	1/4-20×2.5 Socket head cap screw	0.1875"	XCP-AB-625
AB-875	2	5/16-18×3 Socket head cap screw	1/4"	XCP-AB-875
AB-1000	2	5/16-18×3 Socket head cap screw	1/4"	XCP-AB-1000
AB-1000-1	2	5/16-18×3 Socket head cap screw	1/4"	XCP-AB-1000



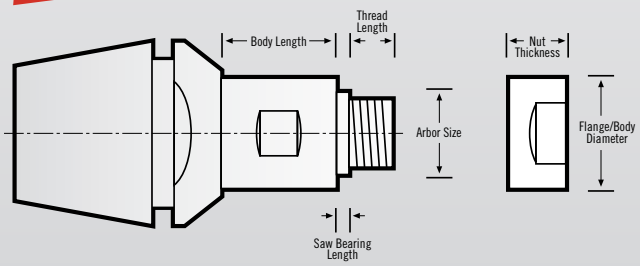
Special Gang Carbide Spacers Available!

SA-ER Solid Saw Arbors

Taper-integrated small tooling provides unparalleled ease of use for advanced productivity!

— TIR Held to .0002 or Better
— Repeatable Positioning of Saw Edge
— Ground ER Taper and Saw Journal
— Integrated ER Taper For Maximum Rigidity

NEW!



ER11

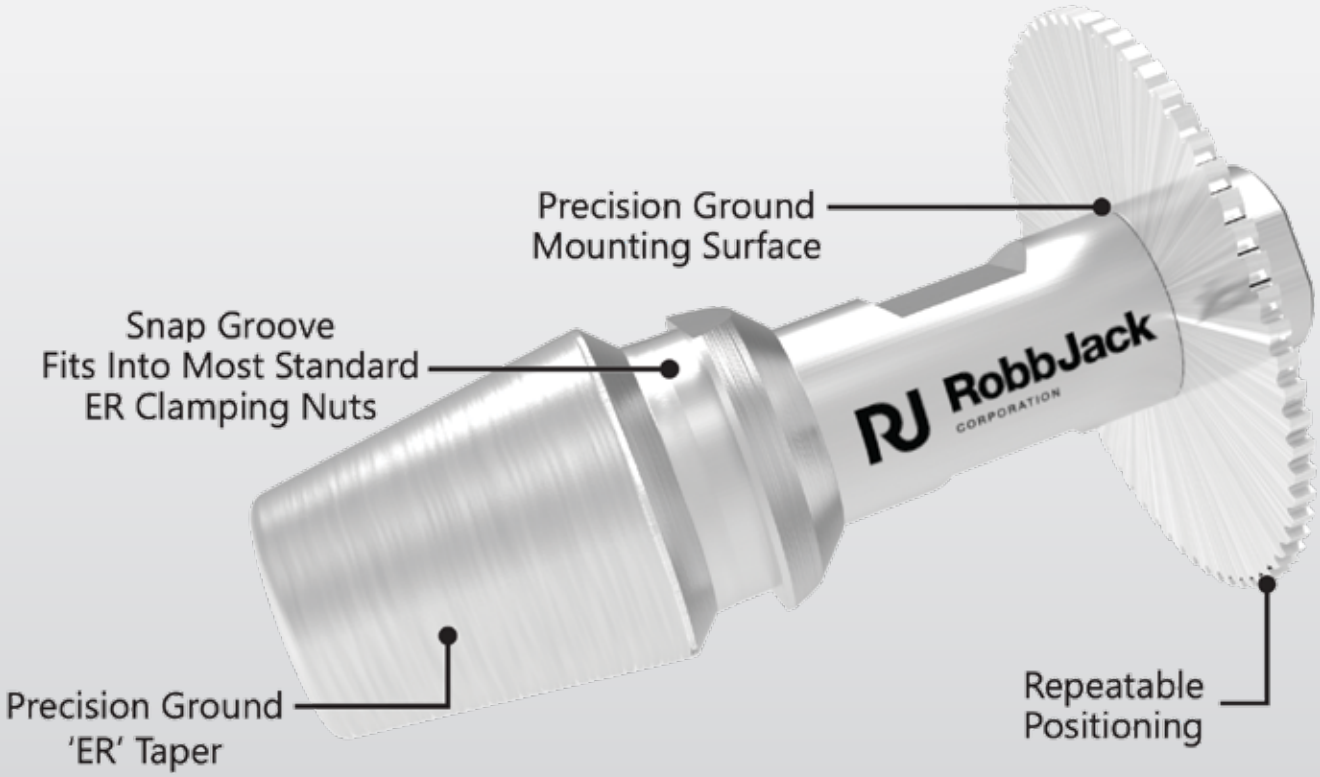
SA-ER11 Collet Integrated Saw Arbor

Arbor Size	Body Length	Saw Bearing Length	Nut Thickness	Thread Length	Flange/Body	Tool Number
5mm	10mm	1.27mm	5mm	6.35mm	8mm	SA-ER11-10-M5
5mm	14mm	1.27mm	5mm	6.35mm	8mm	SA-ER11-14-M5
5mm	19mm	1.27mm	5mm	6.35mm	8mm	SA-ER11-19-M5
5mm	25mm	1.27mm	5mm	6.35mm	8mm	SA-ER11-25-M5

ER16

SA-ER16 Collet Integrated Saw Arbor

Arbor Size	Body Length	Saw Bearing Length	Nut Thickness	Thread Length	Flange/Body	Tool Number
5mm	18mm	1.27mm	6.35mm	6.5mm	9.5mm	SA-ER16-S-M5
5mm	24mm	1.27mm	6.35mm	6.5mm	9.5mm	SA-ER16-L-M5
1/4"	0.708"	0.05"	1/4"	0.256"	3/8"	SA-ER16-S-08
1/4"	0.945"	0.05"	1/4"	0.256"	3/8"	SA-ER16-L-08
8mm	18mm	1.27mm	6.35mm	6.5mm	10mm	SA-ER16-S-M8
8mm	24mm	1.27mm	6.35mm	6.5mm	10mm	SA-ER16-L-M8



ER20

SA-ER20 Collet Integrated Saw Arbor

Arbor Size	Body Length	Saw Bearing Length	Nut Thickness	Thread Length	Flange/Body	Tool Number
5mm	30mm	1.27mm	6.35mm	7.75mm	9.5mm	SA-ER20-L-M5
5mm	18mm	1.27mm	6.35mm	7.75mm	9.5mm	SA-ER20-S-M5
1/4"	1.181"	0.05"	1/4"	0.305"	3/8"	SA-ER20-L-08
1/4"	0.709"	0.05"	1/4"	0.305"	3/8"	SA-ER20-S-08
8mm	30mm	1.27mm	6.35mm	7.75mm	10mm	SA-ER20-L-M8
8mm	18mm	1.27mm	6.35mm	7.75mm	10mm	SA-ER20-S-M8
3/8"	1.181"	0.05"	0.276"	0.354"	0.492"	SA-ER20-L-12
3/8"	0.709"	0.05"	0.276"	0.354"	0.492"	SA-ER20-S-12
10mm	30mm	1.27mm	7mm	9mm	12.5mm	SA-ER20-L-M10
10mm	18mm	1.27mm	7mm	9mm	12.5mm	SA-ER20-S-M10

All ER Saw Arbors Include
(2) Saw Clamping Nuts

Nut With Smaller Width For Clamping Thicker Saws

Standard Nut For Clamping Standard Saws

Call For Replacement Parts