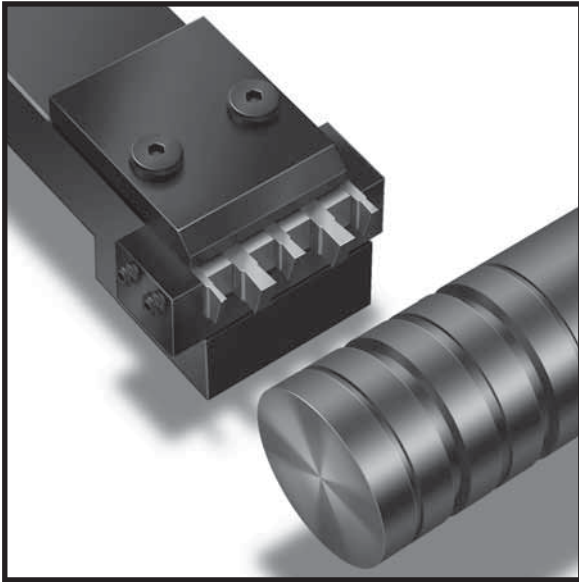


FORM-A-GROOVE™

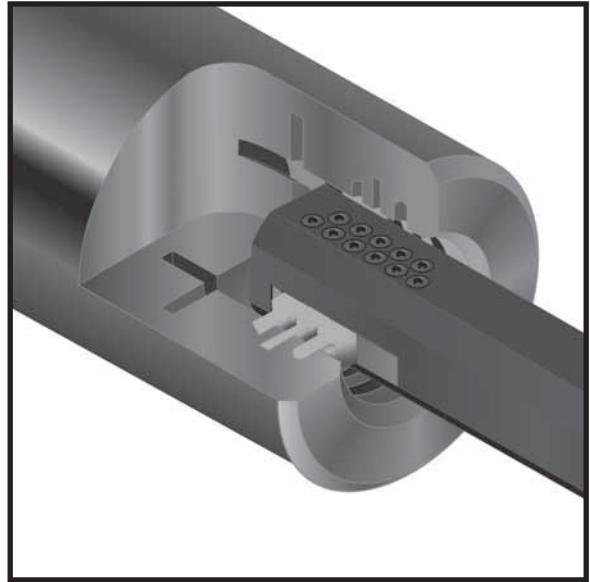
FORM-A-GROOVE™ tools can consist of combinations of simple grooves or more complex combinations of grooves, arcs, angles, convex and concave radii, as well as special thread forms.

FORM-A-GROOVE™ tools can simplify programming, increase production and free tool locations for other tools.



External and Face applications

- Up to 2" wide
- Made from stacking individual inserts or from a solid block of carbide



Internal applications

- Up to 1" wide
- Starting at .125" minimum bore

QUOTATION TO ORDER PROCESS

- Submit an application print detailing your requirements. Include company name, contact name, email, telephone and fax numbers. Submissions can be faxed or emailed to: quotes@thinbit.com.
- A quote will be returned within 48 hours which will include CAD drawings, price, delivery and payment terms.

- Review the quote information and CAD drawings. Fill in the 'Quote Summary Sheet' with item quantities and approval signatures.
- Fax or Email the 'Quote Summary Sheet' to our sales office.
- The order will be confirmed via fax or email. The confirmation will summarize order and include delivery date.

If you require a modification other than those detailed on this page, please call or submit your application print to our sales office.

KAISER TOOL COMPANY, INC.

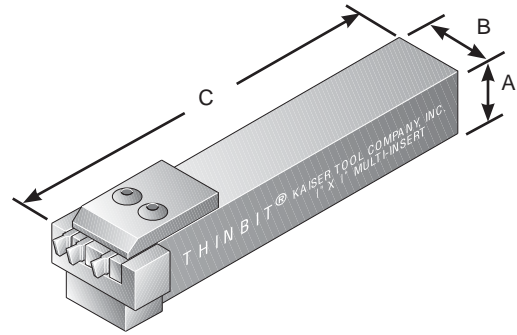
Phone: 888-THINBIT (888-844-6248) or (260) 484-3620 • Fax: 888-THINFAX (888-844-6329) or (260) 482-1881
www.thinbit.com • General E-mail: thinbit@kaisertool.com • Orders: orders@thinbit.com • Quotes: quotes@thinbit.com

**SHANK SIZES
AND
APPLICATIONS**

- Shank sizes 3/8", 1/2", 5/8", 3/4" and 1".
- Pocket sizes 1" and 2".
- Designed to reduce cycle time on those machines with adequate horsepower to handle the tool pressure.

**GENERAL
INFORMATION**

- All toolholders shipped in 24 hours.
- Pocket is filled with any selection of insert geometry and lengths. Proper edge to edge relation maintained with spacer blocks.
- All pockets are interchangeable.



**INSERT
SELECTION**

Due to the potential complexity of configuring these toolholders, we recommend calling for assistance.
See Page 8-7

MODIFICATIONS

Modifications can be provided on any of our tooling. Please contact us with your application requirements.

ORDERING INSTRUCTIONS

Select the **ORDER CODE** in the table below that represents your selection of shank dimensions.

EXAMPLE:

The **ORDER CODE** for a 1" pocket on a 1" square shank is:
EM010101

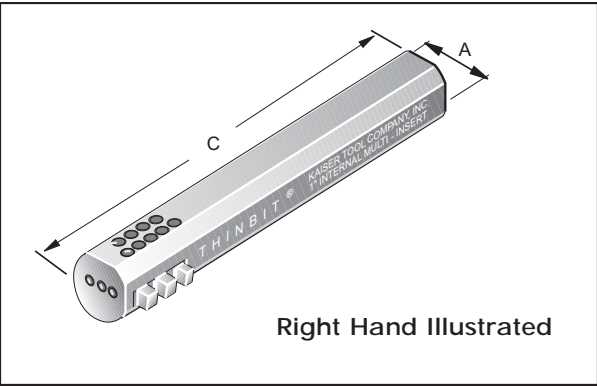
SPECIFICATIONS				ORDER CODE						
Pocket Size	Shank Dimensions			Toolholder Package Includes Shank, Pocket, Clamp and Hardware Call For Inserts	Pocket Includes Hardware Call For Inserts	Replacement Parts				
	'A'	'B'	'C'			Pocket Hardware	Backplate	Shank	Clamp	Clamp Hardware
1" Pocket	.375"	1.000"	4.840"	EM013801	HM0101	Screw: 2 each S1604 S3810	---	ESM0138	Clamp M	Screw: 2 each S3808
	.500"			EM011201				ESM0112		
	.625"			EM015801				ESM0158		
	.750"			EM013401				ESM0134		
	1.000"			EM010101				ESM0101		
2" Pocket	.375"	1.000"	4.840"	EM013802	HM0102	Wrench: 1 each W1004 W1005	Backplate: BP0002	ESM0138	Clamp N	Wrench: W1005
	.500"			EM011202				ESM0112		
	.625"			EM015802				ESM0158		
	.750"			EM013402				ESM0134		
	1.000"			EM010102				ESM0101		

SHANK SIZES AND APPLICATIONS

- Shank size 1" with 1" pocket.
- Designed to reduce cycle time on those machines with adequate horsepower to handle the tool pressure.

GENERAL INFORMATION

- All toolholders shipped in 24 hours.
- Pocket is filled with any selection of insert geometry and lengths. Proper edge to edge relation maintained with spacer blocks.



INSERT SELECTION

Due to the potential complexity of configuring these toolholders, we recommend calling for assistance.
See Page 8-7

MODIFICATIONS

Modifications can be provided on any of our tooling. Please contact us with your application requirements.

ORDERING INSTRUCTIONS

Select the **ORDER CODE** in the table below that represents your selection of shank dimensions.

EXAMPLE:
The **ORDER CODE** for a 1" right hand shank, 5.5" long is:
ROM106

SPECIFICATIONS				ORDER CODE				
Pocket Size & Shank Orientation	Minimum Bore Diameter	Shank Dimensions		Toolholder Package Includes Shank and Hardware Call For Inserts	Replacement Parts			
		'A'	'C'		End Screws	Clamping Screws	Wrench	Pin
1" Pocket Right Hand	1.125" Varies depending on configuration	1.000"	5.500"	ROM106	2 each: S1804	9 each: S1808	W1005	P0001
			11.875"	ROM112				

MULTI-INSERT TOOLHOLDERS
T