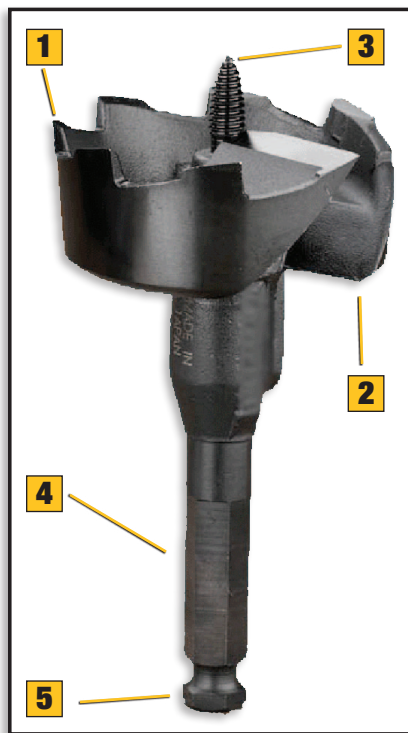


Self Feed Bits



1 Up to **50% wider cutting** tooth for added stability and truer holes

2 **Chamfered back edge** to easily extract the bit from the work

3 **Machined Lead Screw** With burr-free threads feed the bit through the wood at a consistent rate

4 **Machined, Straight Shaft** For bit concentricity to eliminate wobble and leave a truer hole.

5 **Quick-Change Shank** For fast, secure change out



Item #	Diameter	
RAPSF1	1"	25mm
RAPSF118	1-1/8"	29mm
RAPSF114	1-1/4"	32mm
RAPSF138	1-3/8"	35mm
RAPSF112	1-1/2"	38mm
RAPSF134	1-3/4"	44mm
RAPSF2	2"	51mm
RAPSF218	2-1/8"	54mm
RAPSF214	2-1/4"	57mm
RAPSF2916	2-9/16"	65mm
RAPSF3	3"	76mm
RAPSF358	3-5/8"	92mm
RAPSF458	4-5/8"	117mm
RAPSF512EXT	5-1/2" Extension	
RAPSF12EXT	12" Extension	

Item #	Diameter
RAPSFPLKIT	4 pc. Contractor Kit 1-5/8", 1-1/2", 2-1/8", 2-9/16"

Replacement Parts	
Item #	Diameter
RAPSFREPS	Replacement Kit for 1" - 2-9/16" (3 lead screws, 1 set screw, 1 hex key)
RAPSFREPL	Replacement Kit for 3" - 4-5/8" (3 lead screws, 1 set screw, 1 hex key)

Warranty

1 Year against manufacturer defects

Self Feed Bit Quality Advantages



Teeth:

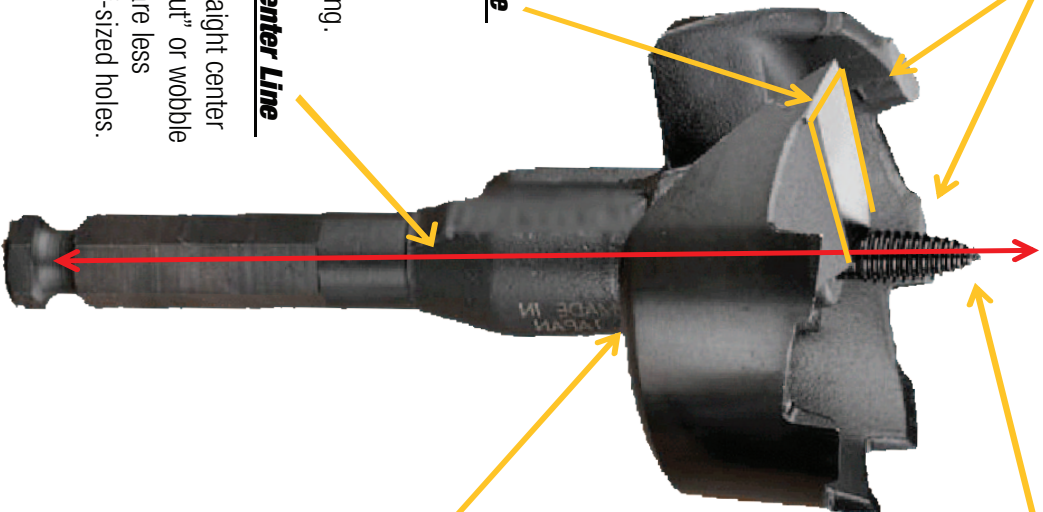
The teeth on a self feed bit should be designed for even and straight cutting. The teeth on **RAPTOR** self feed bits are ground individually, one tooth at a time, versus competitors' full cup grind. This ensures each tooth is identical and consistent, resulting in a very clean and smooth cut. The result is a hole that doesn't angle. An angled hole causes two problems; difficulty pulling the bit out of the work and difficulty feeding the pipe into the work.

Cutting Edge

RAPTOR's cutting edge is even and parallel for optimal balance during drilling. Other bits, with imprecise grinds, are less balanced and make for unstable cutting.

Straight Center Line

RAPTOR self feed bits have a perfectly straight center line meaning **RAPTOR** bits will not "run out" or wobble during cutting. Other bits in comparison, are less concentric and tend to wobble making off-sized holes.



Machined Lead Screw

RAPTOR machines their lead screws assuring a burr free thread. The **RAPTOR** bit will always feed into the wood at a consistent rate.

Cast feed screws are prone to inconsistent threading and burrs inhibiting a smooth feed into the work.

RAPTOR lead screws are made from M440 tool steel with a 52Hrc hardness. This is harder than most nails and extends the life of the thread and reduces the need for replacement lead screws.

Chamfered (beveled) back edge

RAPTOR's heavily chamfered back edge along the full circumference of the bit assists the end user in pulling the bit from wet wood and/or from holes that are not perfectly straight due to the angle of entry.