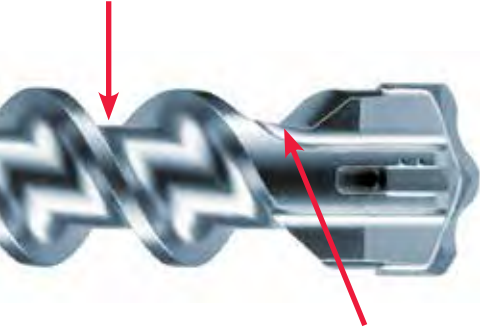


4-Cutter Design

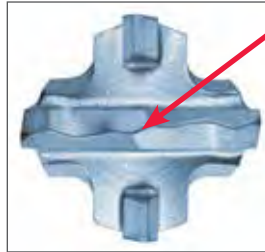
Flute Design:

Enhances the vibration characteristics of the drill bit. The impact energy of the rotary hammer is transferred efficiently into drilling performance and thus provides less strenuous drilling. The flute geometry provides best dust removal, especially when working vertically. The friction in the hole is minimized when the dust is ejected quickly.



Shortened Entrance Groove:

The head with short dust entrance grooves ensures that the drill bit dust is removed quickly from the hole.



Centering Point:

For improved centering on hard or smooth surfaces. The aggressive carbide tip geometry optimizes the cutting characteristic when drilling through reinforcement bars. The centering point keeps the hole straight so there is less friction and wear on the sides of the flutes.

Both the 4-Cutter & 2-Cutter Design feature 4 Flute Construction



- **Two additional flutes** reduces the vibration and improves the effect of the hammer action.
- **Thicker cross-section** transfers more impact directly to the cutting tip.
- **The patented four fluted design** provides faster, easier drilling with less strain on operator and tool

2-Cutter Design

Aggressive Cutting Edge for

- extremely fast penetration
- drilling through very hard stone
- cutting through rebar
- quickly and smoothly penetrating tile and other hard surfaces



Ground Flute for

- fast penetration
- best drill dust removal

High Alloy Steel for

- long tool life
- improved impact transfer to cutting tip
- less wear on flute edges and hammer contact end

Distinctive Centering Point for

- precise spot drilling
- effective guidance of drill bit to minimize flute wear
- precise start on very hard surfaces

Ultra-X Design

Flute design for

- minimizing vibration and maximizing bit life

High volume:

- fast spiral quickly removes dust



4-Cutter

- Unique solid carbide head
- Optimal performance in reinforced concrete




Spline Shank - Fits Metabo KHE54 and all Spline Drive Rotary Hammers

2-Cutter Design 3/8"-2"
4-Cutter Design 5/8"-1 1/2"



ADVANTAGES

- Unique head design reduces friction in the hole resulting in faster drilling speed and maximum bit life
- Large volume double spiral flutes provide rapid dust removal further enhancing bit life and drilling speed
- Drills precise round holes for ease of anchor installation and stronger anchor holding
- Patented flute design minimizes vibration and noise thus protecting both tool and operator

					
		Order No.	Diameter	Drilling Depth	Overall Length
SPLINE SHANK	4-Cutter	676020000	5/8	5	10
		676120000	5/8	11	16
		676119000	5/8	17	22
		676247000	5/8	24	29
		676248000	5/8	31	36
		676249000	3/4	5	10
		676124000	3/4	11	16
		676324000	3/4	17	22
		676250000	3/4	31	36
		676128000	7/8	11	16
		676328000	7/8	17	22
		676200000	1	11	16
	676400000	1	17	22	
	676254000	1	24	29	
	676253000	1	31	36	
	676404000	1-1/8	17	22	
	676408000	1-1/4	17	22	
	676255000	1-1/4	24	29	
	676257000	1-1/4	31	36	
	676412000	1-3/8	17	22	
	676416000	1-1/2	17	22	

Straight Shank - Fits Metabo Hammer Drills SBE561, SBE710, SBE751, SBE1100 and all Hammer Drills with 3-Jaw Chucks

>Pro VX2< Design
 Bit diameters 1/8"-1"





ADVANTAGES

- Special carbide tip has low wear, high life expectancy, and improved resistance to damage when hitting rebar
- Aggressive carbide cutting edge provides rapid penetration and makes drilling possible even through hard aggregate
- Centering point on tip reduces bit "walking"
- 30% more holes per charge when used with cordless impact drills
- Premium alloy steel construction maximizes life expectancy

Note: Other sizes available on a special order basis

*without centering point on tip

					
		Order No.	Diameter	Drilling Depth	Overall Length
SPLINE SHANK	2-Cutter	676122000	3/8	5	10
		676222000	3/8	8	13
		676223000	3/8	11	16
		676224000	7/16	8	13
		676016000	1/2	5	10
		676116000	1/2	11	16
		676118000	1/2	17	22
		676225000	1/2	24	29
		676226000	1/2	31	36
		676227000	9/16	5	10
		676228000	9/16	8	13
		676229000	9/16	11	16
		676230000	9/16	18	23
		676231000	9/16	24	29
		676232000	5/8	8	13
		676121000	5/8	16	22
		676234000	5/8	24	29
		676233000	5/8	31	36
		676235000	11/16	11	16
		676236000	3/4	5	10
		676237000	3/4	8	13
		676251000	3/4	11	16
		676252000	3/4	17	22
		676239000	3/4	24	29
		676238000	3/4	31	36
		676240000	7/8	8	13
		676241000	7/8	31	36
		676242000	1	8	13
		676031000	1	11	16
		676033000	1	17	22
		676244000	1	24	29
		676243000	1	31	36
		676037000	1-1/8	11	16
		676039000	1-1/8	17	22
		676041000	1-1/4	11	16
		676043000	1-1/4	17	22
676047000	1-3/8	17	22		
676245000	1-1/2	11	16		
676246000	1-3/4	17	22		
676136000	2	17	22		

					
		Order No.	Diameter	Drilling Depth	Overall Length
STRAIGHT SHANK	2-Cutter	674004000*	1/8	1-3/8	3
		676290000	5/32	4	6
		674006000	3/16	1-5/8	3-1/2
		674206000	3/16	4	6
		676291000	7/32	4	6
		674008000	1/4	2	4
		674108000	1/4	4	6
		676138000	1/4	10	12
		676139000	1/4	22	24
		676140000	9/32	2	4
		674010000	5/16	2-3/4	4-3/4
		674210000	5/16	4	6
		674410000	5/16	10	12
		674012000	3/8	4	6
		674412000	3/8	10	12
		674213000	3/8	18	20
		676141000	3/8	22	24
		674014000	7/16	4	6
		674016000	1/2	4	6
		674416000	1/2	10	12
		674216000	1/2	18	20
		676142000	1/2	22	24
		676143000	9/16	4	6
		674020000	5/8	4	6
		674420000	5/8	10	12
		676144000	5/8	22	24
		674024000	3/4	4	6
		674424000	3/4	10	12
		674028000	7/8	4	6
		676145000	7/8	10	12
		674100000	1	4	6
		674300000	1	10	12
		676146000	1	22	24