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SECTION 22
Cutting Tools

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Cutting
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WOOD BORING TOOLS

Speedbor2000® Wood Boring Bits

4-3/4" Speedbor2000® SL Bits

- Drills through double studs
- Allows for access in tight areas (between studs, inside cabinets) where standard length spade bits won't fit
- Drills a straight hole in tight areas

Dia. (in)	Carded Stock #
1/2	87908
5/8	87910
3/4	87912
7/8	87914
1	87916
1-1/4	87920
1-1/2	87924



6" Speedbor2000® Bits

- General purpose length

Dia. (in)	Carded Stock #	Dia. (in)	Carded Stock #
1/4	88804	13/16	88813
5/16	88805	7/8	88814
3/8	88806	15/16	88815
7/16	88807	1	88816
1/2	88808	1-1/8	88818
9/16	88809	1-1/4	88820
5/8	88810	1-3/8	88822
11/16	88811	1-1/2	88824
3/4	88812		



16" Speedbor2000® XL Bits

- Extra length provides added reach

Dia. (in)	Carded Stock #	Dia. (in)	Carded Stock #
3/8	88706	3/4	88712
1/2	88708	7/8	88714
5/8	88710	1	88716



Speedbor® Wood Bit Extensions

- Adds extra reach to wood boring bit
- Extension head will follow 5/8" and larger bits through hole
- Two set screws secure bit into extension
- 1/8" hex key included with extension



Overall Lgth (in)	Carded Stock #
6	88702
12	88601

Irwin® Power Drill Auger Bits

I-100 Auger Bits 7-1/2" OAL* 4-1/2" Twist

Dia. (in)	Hex Shank Size (in)	Pouched Stock #	Dia. (in)	Hex Shank Size (in)	Pouched Stock #
1/4	7/32	49904	13/16	5/16	49913
5/16	7/32	49905	7/8	5/16	49914
3/8	7/32	49906	15/16	5/16	49915
7/16	7/32	49907	1	5/16	49916
1/2	7/32	49908	1-1/8	7/16	49918
9/16	5/16	49909	1-1/4	7/16	49920
5/8	5/16	49910	1-3/8	7/16	49922
11/16	5/16	49911	1-1/2	7/16	49924
3/4	5/16	49912			

*OAL = Overall Length



Short Ship Auger Bits 7-1/2" OAL* 5" Twist

- Short length allows bit to be used in tight areas

Dia. (in)	Hex Shank Size (in)	Tubed Stock #
5/8	5/16	42410
11/16	5/16	42411
3/4	5/16	42412
13/16	5/16	42413
7/8	5/16	42414

Dia. (in)	Hex Shank Size (in)	Tubed Stock #
1	5/16	42416
1-1/8	7/16	42418
1-1/4	7/16	42420

*OAL = Overall Length



Long Ship Auger Bits - 520H Series 17" OAL* 12" Twist

- Sizes 3/8" to 1/2" have 5" shanks with 1-3/4" of 23/64" round and 1-3/4" of 5/16" hex
- Sizes 9/16" to 2" have 5" shanks with 1-3/4" of 7/16" hex - cut off hex shank if your job requires a round shank



Dia. (in)	Hex Shank Size (in)	Tubed Stock #
3/8	5/16	47406
7/16	5/16	47407
1/2	5/16	47408
9/16	7/16	47409
5/8	7/16	47410
11/16	7/16	47411
3/4	7/16	47412
13/16	7/16	47413
7/8	7/16	47414
15/16	7/16	47415
1	7/16	47416

Dia. (in)	Hex Shank Size (in)	Tubed Stock #
1-1/16	7/16	47417
1-1/8	7/16	47418
1-3/16	7/16	-
1-1/4	7/16	47420
1-5/16	7/16	-
1-3/8	7/16	47422
1-1/2	7/16	47424
1-5/8	7/16	-
1-3/4	7/16	-
2	7/16	-

*OAL = Overall Length

Power Pole Auger Bits

- Hollow center twist design for fast, continuous flow of chips
- Single-spur design bores smooth, clean holes for installing bolts and pins
- For boring creosoted poles and construction timbers and multiple timber applications
- 5" shank has 1-3/4" of 1/2" round and 1-3/4" of 7/16" hex - cut off hex section and use 1/2" round shank if job requires
- Full length heat treatment strengthens twist where greatest strain occurs
- Medium-fast screw pitch



Dia. (in)	Hex Shank Size (in)	412H	418H	424H
		17" OAL* 12" Twist Bulk Stock #	23" OAL* 18" Twist Bulk Stock #	29" OAL* 24" Twist Bulk Stock #
9/16	7/16	46809	46909	47009
5/8	7/16	46810	46910	47010
11/16	7/16	46811	46911	47011
3/4	7/16	46812	46912	47012
13/16	7/16	46813	46913	47013
7/8	7/16	-	46914	47014
15/16	7/16	-	46915	47015
1	7/16	-	-	47016
1-1/16	7/16	-	-	47017

*OAL = Overall Length

18" Auger Bit Extensions

- Hex key included
- Six flats on shank
- Heavy-duty double set screw type



Compatible Auger Shanks	Min. Hole Dia. Ext. Will Follow Through (in)	Bulk Stock #
5/16" Hex or (23/64" round)	11/16	43805
7/16" Hex or (1/2" round)	1-1/16	43907

Cutting Tools

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Irwin® Hand Brace Auger Bits

Utility Pole Auger Bits

- Single-twist type with single-spur, cutter side lip
- Specially designed to bore through creosoted poles without clogging, binding or stopping to clear chips
- Equally efficient for boring large timbers used in heavy construction
- Medium-fast screw pitch
- Hollow center twist design for fast, continuous flow of chips
- Heat-treated full length for extra strength
- Adapter Shank Sizes (11/16" to 1-1/16") 5/16" Hex Shank



Dia. (in)	413T	415T	416T
	12" OAL* 8" Twist Bulk Stock #	18" OAL* 12" Twist Bulk Stock #	24" OAL* 18" Twist Bulk Stock #
3/8	-	46606	-
7/16	-	46607	-
1/2	-	46608	-
9/16	46509	46609	-
5/8	-	46610	-
11/16	46511	46611	46711
3/4	-	46612	-
13/16	46513	46613	46713
7/8	-	46614	-
15/16	-	46615	-
1	-	46616	46716
1-1/16	-	46617	-

*OAL = Overall Length

Long Ship Auger Bits - 515T Series

18" OAL* 12" Twist

- For use in drilling applications where small nails and other foreign materials may be encountered
- For deep boring work in large timbers, telephone and power poles, on docks and bridges, in mining and heavy construction
- Single-twist type with single cutter and side lip
- Heat-treated for extra strength
- Medium-fast screw pitch
- Adapter Shank Sizes (1/4" to 5/8") Hex Not Available (11/16" to 1-1/16") 5/16" Hex Shank (1-1/8" to 1-1/2") 7/16" Hex Shank



Dia. (in)	Bulk Stock #	Dia. (in)	Bulk Stock #
1/4	47104	13/16	47113
5/16	47105	7/8	47114
3/8	47106	15/16	47115
7/16	47107	1	47116
1/2	47108	1-1/16	47117
9/16	47109	1-1/8	47118
5/8	47110	1-1/4	47120
11/16	47111	1-1/2	47124
3/4	47112		

*OAL = Overall Length

Long Solid Center Wood Auger Bits - 65T Series

18" OAL* 12" Twist

- Balanced cutting head with medium-fast screw pitch bores cleaner and faster
- Heat-treated and tempered full length for extra strength
- Double-spur, double-cutter
- Adapter Shank Sizes (1/4" to 5/8") Hex Not Available (11/16" to 1-1/16") 5/16" Hex Shank (1-1/8" to 1-1/2") 7/16" Hex Shank



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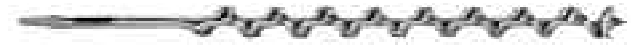
Long Solid Center Wood Auger Bits - 65T Series

18" OAL* 12" Twist (continued)

Dia. (in)	Bulk Stock #	Dia. (in)	Bulk Stock #
1/4	47704	13/16	47713
5/16	47705	7/8	47714
3/8	47706	15/16	47715
7/16	47707	1	47716
1/2	47708	1-1/16	47717
9/16	47709	1-1/8	47718
5/8	47710	1-1/4	47720
11/16	47711	1-3/8	47722
3/4	47712	1-1/2	47724

Electrician's Auger Bits

- Solid-center type with medium-screw pitch
- Single spur and cutter for fast boring
- For use by linemen, electricians, and plumbers...wherever fast boring is required
- Heat-treated full length for extra strength
- Adapter Shank Sizes (1/4" to 5/8") Hex Not Available (11/16" to 1") 5/16" Hex Shank



Dia. (in)	3E	35T
	10" OAL* 6" Twist Bulk Stock #	18" OAL* 12" Twist Bulk Stock #
1/4	-	46204
3/8	-	46206
1/2	-	46208
5/8	-	46210
11/16	45811	46211
3/4	-	46212
13/16	-	46213
7/8	-	46214
15/16	-	46215
1	-	46216

*OAL = Overall Length

Irwin® Impact Wrench Auger Bits

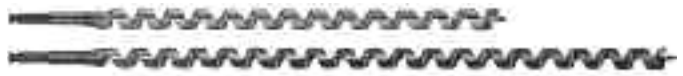
I-100™ Impact Wrench Auger Bits



Dia. (in)	Quick Change Hex Size (in)	12" OAL* 9" Twist Bulk Stock #	18" OAL* 14" Twist Bulk Stock #
9/16	7/16	41209	41809
11/16	7/16	41211	41811
13/16	7/16	41213	41813
15/16	7/16	-	41815
1-1/16	7/16	-	41817

*OAL = Overall Length

Utility Pole Impact Wrench Auger Bits - 41H Series



Dia. (in)	Quick Change Hex Size (in)	41H18	41H24
		18" OAL* 15" Twist Bulk Stock #	24" OAL* 21" Twist Bulk Stock #
9/16	7/16	47909	-
11/16	7/16	47911	48211
13/16	7/16	47913	48213
15/16	7/16	47915	48215
1-1/16	7/16	47917	-
9/16	5/8	48109	-
11/16	5/8	48111	48311
13/16	5/8	48113	48313
15/16	5/8	-	48315
1-1/16	5/8	-	48317

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Long Ship Impact Wrench Auger Bits - 51H Series



Dia. (in)	Quick Change Hex Size (in)	51H12		51H18	
		18" OAL* 9" Twist Bulk Stock #	24" OAL* 15" Twist Bulk Stock #	18" OAL* 9" Twist Bulk Stock #	24" OAL* 15" Twist Bulk Stock #
1/2	7/16	48508	-	-	-
9/16	7/16	48509	48709	-	-
11/16	7/16	48511	48711	-	-
13/16	7/16	48513	48713	-	-
15/16	7/16	-	48715	-	-
1-1/16	7/16	-	48717	-	-
9/16	5/8	48609	-	-	-

*OAL = Overall Length

IRWIN® Impact Wrench Auger Bits

Electrician's Impact Wrench Auger Bits



Dia. (in)	Quick Change Hex Size (in)	3H12		3H18	
		12" OAL* 9" Twist Bulk Stock #	18" OAL* 15" Twist Bulk Stock #	12" OAL* 9" Twist Bulk Stock #	18" OAL* 15" Twist Bulk Stock #
9/16	7/16	48809	-	-	-
11/16	7/16	-	48911	-	-
13/16	7/16	48813	48913	-	-

*OAL = Overall Length

Irwin® Wood Boring Bits

Self-Feed Wood Bits

- Drill large diameter holes in wood for pipe, conduit and other applications
- Effortless cutting, even in gummy wood
- Each bit is packaged with one hex key and two feed screws

Dia. (in)	Hex Size (in)	Boxed Stock #	Dia. (in)	Hex Size (in)	Boxed Stock #
1	7/16	43016	2-1/8	7/16	43034
1-1/8	7/16	43018	2-1/4	7/16	43036
1-1/4	7/16	43020	2-9/16	7/16	43041
1-3/8	7/16	43022	3	7/16	43047
1-1/2	7/16	43024	3-5/8	7/16	43058
1-3/4	7/16	43028	4-5/8	7/16	43074
2	7/16	43032			



Forstner Bits - 3-1/2" OAL*

Dia. (in)	Round Shank Dia. (in)	Clamshell Stock #	Dia. (in)	Round Shank Dia. (in)	Clamshell Stock #
1/4	.250	42904	1-3/8	.375	42922
3/8	.250	42906	1-1/2	.375	42924
1/2	.315	42908	1-5/8	.375	42926
5/8	.315	42910	1-3/4	.375	42928
3/4	.375	42912	1-7/8	.375	42930
7/8	.375	42914	2	.375	42932
1	.375	42916	2-1/8	.375	42934
1-1/8	.375	42918			
1-1/4	.375	42920			

*OAL = Overall Length



4" Forstner Bit Extension

- Includes hex key

Description	Three Flatted Shank Diameter (in)	Carded Stock #
For use with .375" Shank Bits	.375	42936



Brad Point Drill Bits

- Precision-ground for use in furniture making, doweling, cabinetry and other woodworking applications where an exact hole size is required
- The spurred cutting head is designed to reduce splintering and ensure a smooth, clean hole
- Wide flutes provide a fast, continuous flow of chips
- Each bit is made from Chrome-Vanadium Steel, heat treated at full length for extra sharpness and long life

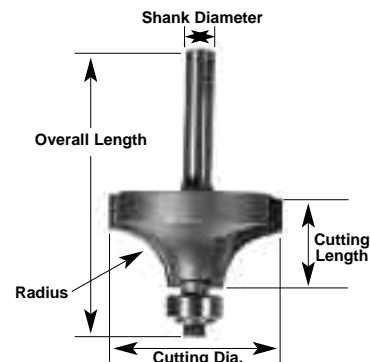


Dia. (in)	Carded Stock #
1/8	49612
3/16	49613
1/4	49614
5/16	49615
3/8	49616
7/16	49617*
1/2	49618*

*7/16" and 1/2" have 3/8" reduced shanks

ROUTER BITS

IRWIN® Router Bits



Types of Router Bits



- Rounding Over**
- For smooth uniform rounded edges



- Beading**
- For decorative edges and period furniture



- Cove**
- For decorative edges and drop leaf table joints



- Dovetail**
- Used for dovetailing joints and drawer fronts



- Chamfer**
- For decorative edging and 45° concealed mitered panel joints



- Panel Pilot**
- Point drills through for self starting blind hole routing



- Rabbeting**
- For step cutting of edges, lap joints and cabinet door cuts



- Laminate Trimming**
- For fast, smooth trimming of laminate material

Cutting Tools

American Tool®/Diamond

Carbide Tipped - 1/4" Diameter Shank

Description	Radius/ Degree (in)	Cutting Depth (in)	Cutting Dia. (in)	Cutting Length (in)	Stock No.
Beading	1/8	-	-	-	31183
Beading	1/8 Plunge	-	-	-	31157
Beading	1/4	-	-	-	31139
Beading	1/4 Edge	-	-	-	31185
Beading	3/8	-	-	-	31187
Beading	3/8 Edge	-	-	-	31137
Beading	1/2	-	-	-	31142
Bevel Trimming	25	-	-	-	31154
Chamfer	45	-	-	-	31121
Classic Pattern	Plunge	3/16	-	-	31210
Classic Pattern	Plunge	5/16	-	-	31211
Classic Pattern	Plunge	1/2	-	-	31260
Classic Pattern	-	-	1-1/4	1/2	31262
Classic Pattern	-	-	1-1/2	5/8	31263
Comb. Panel	-	-	1/4	-	31130
Comb. Panel	1 Flute	-	3/8	-	31131
Comb. Panel	2 Flutes	-	3/8	-	31190
Core Box	-	-	1/4	-	31132
Core Box	-	-	3/8	-	31133
Core Box	-	-	1/2	-	31134
Core Box	-	-	5/8	-	31135
Core Box	-	-	3/4	-	31136
Cove	1/4	-	-	-	31122
Cove and Bead	1/4	-	-	-	31215
Cove	3/8	-	-	-	31123
Cove	1/2	-	-	-	31124
Dovetail	9	-	3/8	-	31146
Dovetail	14	-	1/2	-	31129
Dovetail	14	-	17/32	-	31147
Dovetail	7	-	3/4	-	31149
Hinge Mortising	-	-	1/2	-	31126
Hinge Mortising	-	-	5/8	-	31127
Hinge Mortising	-	-	3/4	-	31125
Key Hole	-	-	3/8	-	31119
Laminate Trim	Flush	-	1/4	5/8	31151
Laminate Trim	Flush	-	3/8	5/8	31158
Laminate Trim	Flush	-	3/8	1	31152
Laminate Trim	Flush	-	1/2	5/8	31153
Laminate Trim	Flush	-	1/2	1	31150
Laminate Trim	Flush	-	1/2	1-1/4	31159
Laminate Trim	Flush (3 flutes)	-	1/2	5/8	31175
Laminate Trim	Flush (3 flutes)	-	1/2	1	31174
Laminate Trim	22	-	3/8	-	31166
Laminate Trim	22	-	5/8	-	31165
Ogee	1/8	-	-	-	31143
Ogee	3/16	-	-	-	31144
Ogee	1-3/8	-	-	-	31189
Pattern Cutting	-	-	1/2	1	31196
Pattern Cutting	-	-	5/8	3/4	31197
Pattern Cutting	-	-	3/4	3/4	31198
Rabbeting	-	3/8	-	-	31117
Roman Ogee	5/32	-	-	-	31167
Roman Ogee	1/4	-	-	-	31163
Roman Ogee	1-1/4	-	-	-	31220
Round Over	1/16	-	-	-	31182
Round Over	1/8	-	-	-	31160
Round Over	3/16	-	-	-	31161
Round Over	1/4	-	-	-	31168
Round Over	5/16	-	-	-	31162
Round Over	3/8	-	-	-	31169
Round Over	1/2	-	-	-	31170
Round Over	Plunge	1/4	-	-	31155
Round Over	Plunge	1/2	-	-	31156
Straight	2 Flutes	-	1/4	1/2	31108
Straight	2 Flutes	-	1/4	5/8	31100
Straight	2 Flutes	-	1/4	7/8	31102
Straight	2 Flutes	-	1/4	1	31109
Straight	2 Flutes	-	1/4	1	31171
Straight	2 Flutes	-	9/32	1	31176
Straight	2 Flutes	-	5/16	7/8	31103
Straight	2 Flutes	-	3/8	1	31172
Straight	2 Flutes	-	7/16	1	31177
Straight	2 Flutes	-	1/2	3/4	31178
Straight	2 Flutes	-	1/2	1	31173
Straight	2 Flutes	-	9/16	3/4	31179
Straight	2 Flutes	-	5/8	7/8	31106
Straight	2 Flutes	-	3/4	3/4	31107
Straight	2 Flutes	-	3/16	5/8	31111
Straight	2 Flutes	-	1/4	3/4	31116
Straight	2 Flutes	-	1/4	7/8	31112
Straight	2 Flutes	-	1/4	1	31120
Straight	2 Flutes	-	5/16	1	31113
Straight	2 Flutes	-	3/8	1	31114
Straight	2 Flutes	-	1/2	7/8	31115
Straight	Panel Raising	25	-	-	31141
V-Groove	90	-	3/8	-	31118
V-Groove	90	-	1/2	-	31181
V-Groove	Flush Trim	-	5/8	1	31192



Diamond

DIAMOND BLADES

Cured Concrete Wet Blades

Our Quality-Engineered Wet Blades Deliver Maximum Performance



Premium Black (P)

.250 Diamond Depth

- A high quality blade that delivers long lasting, fast cutting performance.
- Designed for contractors who demand maximum efficiency and value.

Heavy Duty Orange (H) .236" Diamond Depth

• Fast cutting blade that works well with a wide variety of high or low HP saws.

- Combines long life performance while maximizing your blade dollars.

Standard Gold (S) .187" Diamond Depth

• Economical blades that work well for contractors who don't have a heavy volume of cutting to be done.

- Delivers the speed and convenience of a diamond blade compared with conventional abrasive blades that require frequent blade changes.

Available Sizes*					
10" x .110	14" x .155	18" x .155	24" x .155	26" x .250	36" x .210
10" x .125	14" x .175	18" x .165	24" x .165	28" x .187	36" x .250
12" x .110	14" x .187	18" x .175	24" x .175	30" x .175	42" x .187
12" x .125	14" x .250	18" x .187	24" x .187	30" x .187	42" x .210
12" x .140	14" x .375	18" x .210	24" x .210	30" x .210	42" x .220
12" x .155	16" x .125	18" x .250	24" x .250	30" x .250	48" x .210
12" x .187	16" x .140	20" x .125	25" x .155	32" x .175	48" x .250
12" x .250	16" x .155	20" x .140	26" x .155	32" x .187	54" x .220
12" x .375	16" x .187	20" x .155	26" x .165	32" x .210	60" x .220
14" x .110	16" x .250	20" x .187	26" x .175	32" x .250	
14" x .125	18" x .125	20" x .250	26" x .187	36" x .175	
14" x .140	18" x .140	24" x .140	26" x .210	36" x .187	

* 1" arbor with drive pinhole standard. Custom arbor sizes are available. When ordering, please specify arbor size if different from 1".

Cured Concrete Specs (Application Code C)			
Aggregate Type	Spec No.*	Aggregate Type (Heavy Reinforcement)	Spec. No.*
Hard	51W	Hard	51W
Med. Hard	52	Med. Hard	52
Medium	56	Medium	52
Med. Soft	60	Med. Soft	56
Soft	62	Soft	56

Select Grade: S Standard (Gold)
H Heavy Duty (Orange)
P Premium (Black)

Most concrete blades are laser welded. Any concrete blade can be laser welded or silver brazed upon request.

* These are recommendations for starting specifications.

High Performance Cured Concrete Wet Blades

The very highest quality diamond blades in the industry, delivering lowest cost-per-foot performance on the toughest applications and hardest aggregates.



Mega Premium Green (MP)

.437 Diamond Depth

- Extremely long life blade especially good for hard aggregates.
- Made with our highest standard diamond concentration.
- Delivers the lowest diamond tool cost per foot in the industry.

- continues -

Diamond

High Performance Cured Concrete Wet Blades (continued)

Super Premium Silver (SP)

- .375 Diamond Depth
- A high quality long life blade.
- Made with a high diamond concentration.
- Especially well suited for sawing in tough applications.

Professional Blue (T)

- .320 Diamond Depth
- Same high quality as our Premium Black blade with a taller segment to lower your cutting cost.

Available Sizes*					
10" x .110	14" x .155	18" x .165	24" x .165	30" x .175	42" x .187
10" x .125	14" x .187	18" x .175	24" x .175	30" x .187	42" x .210
12" x .110	14" x .250	18" x .187	24" x .187	30" x .210	42" x .220
12" x .125	14" x .375	18" x .210	24" x .210	30" x .250	48" x .210
12" x .140	16" x .125	18" x .250	24" x .250	32" x .175	48" x .250
12" x .155	16" x .140	20" x .125	25" x .155	32" x .187	54" x .220
12" x .187	16" x .155	20" x .140	26" x .155	32" x .210	60" x .220
12" x .250	16" x .187	20" x .155	26" x .165	32" x .250	
12" x .375	16" x .250	20" x .187	26" x .175	36" x .175	
14" x .110	18" x .125	20" x .250	26" x .187	36" x .187	
14" x .125	18" x .140	24" x .140	26" x .250	36" x .210	
14" x .140	18" x .155	24" x .155	28" x .187	36" x .250	

* 1" arbor with drive pinhole standard. Custom arbor sizes are available. When ordering, please specify arbor size if different from 1".

High Performance Cured Concrete Specs (Application Code C)			
Aggregate Type	Spec. No.*	Aggregate Type (Heavy Reinforcement)	Spec. No.*
Hard-Fast Cutting	50W	Hard	50W
Hard	50W/51W	Hard	50W/51W
Med. Hard	51W	Med. Hard	51W
Medium	52W	Medium	52W
Med. Soft	56W	Med. Soft	56W
Soft	62DW	Soft	56W

Select Grade: T Professional (Blue)
SP Super Premium (Silver)
MP Mega Premium (Green)

Most concrete blades are laser welded. Any concrete blade can be laser welded or silver brazed upon request.

* These are recommendations for starting specifications.

Asphalt, Asphalt Over Concrete and Green Concrete Wet Blades

Advanced Asphalt, Asphalt Over Concrete and Green Concrete Wet Blades are designed with special hardened steel cores for added blade life with minimal undercutting.



Professional Blue (T) .320 Diamond Depth

- Same high quality as our Premium Black blade with a taller segment to lower your cutting cost.

Premium Black (P) .250 Diamond Depth

- A high quality blade that delivers long lasting, fast cutting performance.
- Designed for contractors who demand maximum efficiency and value.

Heavy Duty Orange (H) .236 Diamond Depth

- Fast cutting blade that works well with a wide variety of high or low HP saws.
- Combines long life performance while maximizing your blade dollars.

Standard Gold (S) .187 Diamond Depth

- Economical blades that work well for contractors who don't have a heavy volume of cutting to be done.
- Delivers the speed and convenience of a diamond blade compared with abrasive blades that require frequent blade changes.

- continues -

Asphalt, Asphalt Over Concrete and Green Concrete Wet Blades (continued)

Available Sizes*				
12" x .125	14" x .140	18" x .125	20" x .140	30" x .187
12" x .140	14" x .187	18" x .140	24" x .155	32" x .187
12" x .187	14" x .250	18" x .155	24" x .187	36" x .187
12" x .250	14" x .375	18" x .187	26" x .155	
12" x .375	16" x .125	18" x .250	26" x .187	
14" x .125	16" x .140	20" x .125	30" x .175	

* 1" arbor with drive pinhole standard. Custom arbor sizes are available. When ordering, please specify arbor size if different from 1".

Asphalt, Green Concrete and Asphalt Over Concrete Blade Specifications						
Aggregate Type	Asphalt Low HP Spec. No*	Asphalt High HP Spec. #*	Green Concrete Low HP Spec. #*	Green Concrete High HP Spec. #*	Asphalt Over Concrete Low HP Spec. #*	Asphalt Over Concrete High HP Spec. #*
Hard	A350	A605	G605	G605	AC62DW	AC62DW
Med. Hard	A605	A606	G606	G606	AC62DW	AC62DW
Medium	A606	A630	G606	G606	AC64DW	AC64DW
Med. Soft	A615	A635	G660	G660	AC64DW	AC64DW
Soft	A635	A665	G670	G670	AC64DW	AC66DW

Select Grade: S Standard (Gold)
H Heavy Duty (Orange)
P Premium (Black)
T Professional (Blue)

Most asphalt, green concrete and asphalt over concrete blades are laser welded. Any of these blades can be laser welded or silver brazed upon request.

*These are recommendations for starting specifications. Low horsepower (HP) = 18 HP or lower. High horsepower (HP) = 20 HP or higher.

Wall Saw and Hand Saw Blades

Three Wall Saw Blade Innovations to Save You Money

Our Original Split Segment Design, Ultimate Split Seg and Sandwich Bonds deliver maximum wall and hand sawing results



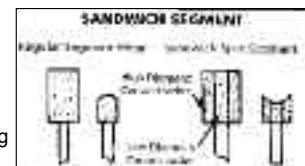
Available Grades	Diamond Depths	
	Sandwich.	-20 & Ult.
Super Premium (SP)	.375	.437
Professional (T)	.320	.375
Premium (P)	.250	.320
Heavy Duty (H)	.236	.250

Available Sizes*				
12" x .110	18" x .220	24" x .220	32" x .175	42" x .210
12" x .125	18" x .250	24" x .250	32" x .187	42" x .250
14" x .110	20" x .125	26" x .187	32" x .210	48" x .210
14" x .125	20" x .140	26" x .210	36" x .175	48" x .250
14" x .140	20" x .187	30" x .175	36" x .187	54" x .210
16" x .125	20" x .210	30" x .187	36" x .210	54" x .250
18" x .125	24" x .140	30" x .210	36" x .220	60" x .220
18" x .187	24" x .187	30" x .250	36" x .250	70" x .220
18" x .210	24" x .210	30" x .220	42" x .187	

*All Wall Saw/Hand Saw blades come with 1" arbor standard. Custom arbor sizes are available. When ordering, please specify arbor size if different from 1".

Sandwich Seg Wall Saw Blades Offer...

- Faster cutting - blades maintain better clearance for their full life and better tracking in cut.
- Longer Life - blades can be worn out completely. Sandwich segs helps keep blades that are 75% worn in use by preventing breakdown due to binding and lack of side clearance.



Split Segment Design

- Split segments give less resistance for faster and more economical cutting.
- This design keeps segments cooler in higher steel applications. To order, add a (-20) to the end of your specifications.

New -20 Split Seg Design - New ULTIMATE Wall Saw Blade

- -20 Split Sandwich Seg Designed with New "U" Gullet Design Core
 - Cuts faster, removes slurry more efficiently
 - Holds side clearances better
- (Just order your normal -20 blades and add "U" to the end of the specifications)

- continues -

Cutting Tools

Diamond

Wall Saw and Hand Saw Blades (continues)

Wall Saw/Hand Saw Blade Specifications				
Type of Sawing	Sandwich Split Segment	Ultimate Split Seg	Sandwich Only	Regular Non Sandwich
Fast cutting hard aggregate air saws	W212-20	W212-20U	W212	W20
General purpose air saws	W323-20	W323-20U	W323	W2033
Fast cutting hydraulic saws and long life air saws	W3A3-20	W3A3-20U	W3A3	W33
Fast cutting general purpose hydraulic saws	W434-20	W434-20U	W434	W3342
General purpose hydraulic sawing	W9A9-20	W9A9-20U	W9A9	W49
Long life general purpose blade for hydraulic saws	W545-20	W545-20U	W545	W42
Long life soft aggregate brick and block hydraulic saws	W5A5-20	W5A5-20U	W545	W50
Long life brick & block hydraulic saws	-	-	-	W52

Select Grade: SP Super Premium
T Professional
P Premium
H Heavy Duty

Most wall saw and hand blades are laser welded. Any wall saw or hand saw blade can be laser welded or silver brazed upon request.

*These are recommendations for starting specifications.

Diamond Wire and Beads

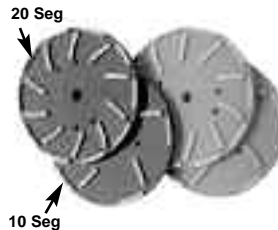
For use on CORE CUT WS25 and WS50 Diamond Wire Saws to cut reinforced concrete, masonry and stone.



Diamond Wire and Beads Specifications				
Description	Concrete	Diamond Concentration	Available Bonds	Part No.
11x6 Heavy Duty Bead Only	Medium	High	W36, W711, W50	WBH1160N
11x6 Premium Bead Only	High	High	W36, W711, W50	WBP1160N
11x6 Supreme Bead Only	High	Ultra High	W36, W711, W50	WBU1160N
11x6 Heavy Duty Spring & Crimp Wire	Medium	High	W36, W711, W50	WR1160HS
11x6 Premium Spring & Crimp Wire	Medium	High	W36, W711, W50	WR1160PS
11x6 Supreme Spring & Crimp Wire	High	Ultra High	W36, W711, W50	WR1160US
11x6 Premium Rubber (Tyrolit) Wire	Very High	Medium	BS-421	WR1160PR
11x6 Supreme Rubber (Tyrolit) Wire	High	Ultra High	BS-30, BS-40	WR1160UR

Floor Grinding Heads

- Large 10 & 12 inch grinding heads that take the rough spots out of concrete surfaces in a hurry
- Effective on floors, streets, highways, sidewalks and more.
- Cleans, levels and smooths bumps and uneven areas
- Removes rain spots and epoxies
- For use on our CBCG Floor Grinder and other similar machines

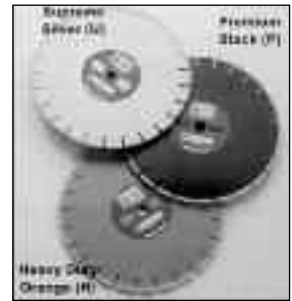


Part Numbers & Specifications - Heavy Duty Orange Grinding Heads								
Material/Abrasive Level	Part No.	10"-10 Seg	Part No.	10"-20 Seg	Part No.	12"-12 Seg	Part No.	12"-24 Seg
Hard/non-abrasive material	GHH1010	GSH10	GHH1020	GSH20	GHH1212	GSH12	GSH1224	GSH24
Soft, abrasive material	GHH1010	GHH10	GHH1020	GHH20	GHH1212	GHH12	GHH1224	GHH24

Part Numbers & Specifications - Premium Black Grinding Heads								
Material/Abrasive Level	Part No.	10"-10 Seg	Part No.	10"-20 Seg	Part No.	12"-12 Seg	Part No.	12"-24 Seg
Hard/non-abrasive material	GHP1010	GSP10	GHP1020	GHP20	GHP1212	GSP12	GHP1224	GSP24
Soft abrasive material	GHP1010	GHP10	GHP1020	GHP20	GHP1212	GHP12	GHP1224	GHP24

Refractory Wet Blades

Need an outstanding performer for cutting fire brick?
Check out our long lasting, fast cutting Refractory Blades
Available in: Heavy Duty Orange, Premium Black, Supreme Silver



Refractory Blade Specifications	
Material/Abrasive Level	Spec. No. *
High Alumina, Hard Materials Fast Cutting	R-92
Medium Duty Fire Brick, Fast Cutting	R-95
General Purpose, Insulating Brick, Ladle Brick	R-98
Long Life, for Silicon Carbide & other abrasive materials	R-99

*1" arbor with drive pinhole standard. Custom arbor sizes are available.
When ordering, please specify arbor size if different from 1".
Available Sizes: 12", 14", 16", 18" and 20"

Grinding and Grooving Wet Blades

We manufacture high quality, long lasting CORE CUT Grinding and Grooving Blades in all arbors for all types of machines. Please call for blade specifications for your machine!



Diamond Products helps maximize the life of its grinding & grooving blades by matching the correct diamond concentration with machine horsepower.

Segmented Dry High Speed Blades

10" through 20" Diameter

- The most competitively-priced on the market
- Designed for fast, smooth cutting in many materials
- More constant depth of cut and far fewer blade changes compared to abrasive blades
- Great for cutting concrete, concrete curbing, brick or block walls, expansion joints, precast and prestressed materials and much more
- May be used wet or dry
- Designed for use on high-speed gasoline and electric hand held saws. May also be used on masonry and low horsepower (>20HP) concrete floor saws
- Blades come standard with 1" arbor with drive pinhole or 20mm arbor



Economy Green Dry High Speed Blades	
Size	H4000 Cat. No.
12" x .110	26137
14" x .110	26420

Value Blue Dry High Speed Blades	
Size	V4000 Cat. No.
12" x .110	26903
12" x .110 x 20mm	26904
14" x .125	26905
14" x .125 x 20mm	26906
18" x .125	27401
20" x .140	27407

Standard Gold Dry High Speed Blades			
Size	H7S Cat. No.	H8S Cat. No.	H10S Cat. No.
10" x .110	11719	11720	11717
12" x .110	11724	11725	11723
12" x .110 x 20mm	11732	11733	11730
12" x .125	11736	11737	11735
12" x .125 x 20mm	11739	11741	11738
12" x .235*	-	-	-
14" x .110	11744	11745	11743
14" x .110 x 20mm	11749	11750	11748
14" x .125	11752	11753	11751
14" x .125 x 20mm	11755	11756	11754
14" x .235*	---	---	---
16" x .125	11757	11758	26527
18" x .125	28303	---	14395
20" x .140	28270	28271	13846

* Blades designed for precutting in diamond chain applications where overcuts are not allowed.

- continues -

Diamond

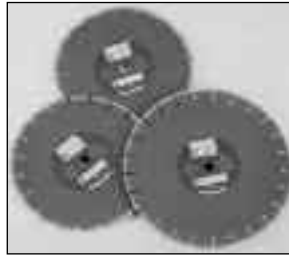
Segmented Dry High Speed Blades (continued)

Specifications	Economy Green	Value Blue	Standard Gold	X-tra Plus Red	Heavy Duty Orange	Premium Black	Super HD Silver
Application							
General Purpose Reinf. Concrete	—	—	H7S	H7X	H7H	H7P	H7SH
General Purpose Long Life	H4000	V4000	H8S	H8X	H8H	H8P	H8SH
Abrasive Materials Long Life	—	—	H10S	H10X	H10H	H10P	H10SH

Segmented Dry High Speed Blades 10" through 20" Diameter

X-tra Plus Red Dry High Speed Blades*			
Size	H7X Cat. No.	H8X Cat. No.	H10X Cat. No.
10" x .110	11762	11763	11761
12" x .110	11766	11767	11765
12" x .110 x 20mm	11769	11770	11768
12" x .125	11772	11773	11771
12" x .125 x 20mm	11774	11775	16387
12" x .235*	—	—	—
14" x .110	11779	11781	11778
14" x .110 x 20mm	11784	11785	11783
14" x .125	11789	11790	11787
14" x .125 x 20mm	11793	11794	11792
14" x .235*	—	—	—
16" x .125	18040	11797	26916
18" x .125	15713	11799	11798
20" x .140	11802	15137	11801

*Blades designed for precutting in diamond chain applications where overcuts are not allowed.



Heavy Duty Orange Dry High Speed Blades			
Size	H7H Cat. No.	H8H Cat. No.	H10H Cat. No.
10" x .110	11421	11422	11418
12" x .110	11440	11441	11436
12" x .110 x 20mm	11454	11455	11451
12" x .125	11475	11478	11472
12" x .125 x 20mm	11484	11485	11482
12" x .235*	28279	23249	28282
14" x .110	11496	11497	11492
14" x .110 x 20mm	11505	11506	11502
14" x .125	11515	11518	11508
14" x .125 x 20mm	11528	11529	11525
14" x .235*	11546	11547	28280
16" x .125	11550	11551	11549
18" x .125	11555	11556	14231
20" x .140	11560	11561	11558

*Blades designed for precutting in diamond chain applications where overcuts are not allowed.

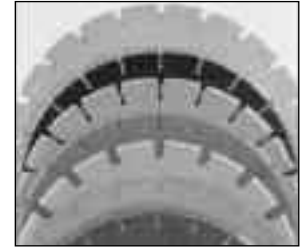
Specifications	Economy Green	Value Blue	Standard Gold	X-tra Plus Red	Heavy Duty Orange	Premium Black	Super HD Silver
Application							
General Purpose Reinf. Concrete	—	—	H7S	H7X	H7H	H7P	H7SH
General Purpose Long Life	H4000	V4000	H8S	H8X	H8H	H8P	H8SH
Abrasive Materials Long Life	—	—	H10S	H10X	H10H	H10P	H10SH

Segmented Dry High Speed Blades 10" through 20" Diameter

- The most competitively-priced on the market
- Designed for fast, smooth cutting in many materials
- More constant depth of cut and for fewer blade changes compared to abrasive blades
- Great for cutting concrete, concrete curbing, brick or block walls, expansion joints, precast and prestressed materials and much more
- May be used wet or dry
- Now available in Super Heavy Duty Silver with extra tall diamond depth of .375

Premium Black Dry High Speed Blades			
Size	H7P Cat. No.	H8P Cat. No.	H10P Cat. No.
10" x .110	11566	11567	11564
12" x .110	11573	11574	11570
12" x .110 x 20mm	11579	11580	11576
12" x .125	11586	11587	11584
12" x .125 x 20mm	11590	11591	11589
12" x .235*	11593	28284	28285
14" x .110	11596	11597	11594
14" x .110 x 20mm	11600	11601	11598
14" x .125	11606	11608	11603
14" x .125 x 20mm	11614	11618	11611
14" x .235*	11626	11627	23437
16" x .125	11629	11630	11628
18" x .125	11663	11634	11631
20" x .140	11635	16713	15557

*Blades designed for precutting in diamond chain applications where overcuts are not allowed.



Specifications	Economy Green	Value Blue	Std. Gold	X-tra Plus Red	Heavy Duty Orange	Premium Black	Super HD Silver
Application							.375 diamond depth
General Purpose Reinf. Concrete	—	—	H7S	H7X	H7H	H7P	H7SH
General Purpose Long Life	H4000	V4000	H8S	H8X	H8H	H8P	H8SH
Abrasive Materials Long Life	—	—	H10S	H10X	H10H	H10P	H10SH

Dry Turbo Blades

- Designed for use on right-angle grinders, high speed, portable electric, masonry and tile saws.
- Advanced, high-density metal bond technology and high diamond concentration
- Long life and smooth cutting in the widest range of materials
- Patented slotted core makes this the coolest running dry blade on the market
- Provides an audible warning if the blades mounted incorrectly to protect it from damage and destruction (Available on 12" & 14" Std. Gold and 7" - 14" Heavy Duty Orange only)



Economy Green Turbo Blades*		Standard Gold Dry Turbo Blades		Heavy Duty Orange Dry Turbo Blades	
Size	T4000 Cat. No.	Size	T7S Cat. No.	Size	T7H Cat. No.
4" x .080	23755	4" x .080	12480	4" x .080	12281
4-1/2" x .080	23988	4-1/2" x .080	12483	4-1/2" x .080	12286
7" x .095	23757	5" x .080	12486	5" x .080	12290
12" x .125	23759	6" x .080	12487	6" x .080	12292
14" x .125	23761	7" x .095	12489	7" x .095	12298
		8" x .095	12493	8" x .095	12309
		9" x .095	12494	9" x .095	12312
		10" x .110	12495	10" x .110	12315
		12" x .125	12498	12" x .125	12319
		12" x .125 x 20mm	12500	12" x .125 x 20mm	12327
		14" x .125	12501	14" x .125	12331
		14" x .125 x 20mm	12502	14" x .125 x 20mm	12334
		20" x .140	15584	20" x .140	12338

Value Blue Dry Turbo Blades					
Size	V4000 Cat. No.	Size	V4000 Cat. No.	Size	V4000 Cat. No.
4" x .095	27412	9" x .095	27426	12" x .125	27430
4-1/2" x .095	27414	10" x .118	27428	12" x .125 x 20mm	27431
5" x .095	27416	12" x .125	27430	14" x .125	27433
6" x .095	27418	12" x .125 x 20mm	27431	14" x .125 x 20mm	27434
7" x .095	27420				
8" x .095	27424				

Specifications				
Application	Economy Green	Value Blue	Standard Gold	Heavy Duty Orange
General Purpose Smooth Cutting Long Life	T4000	T4000	T7S	T7H

Cutting Tools

Diamond

Dry High Performance Turbo Blades

High Performance Dry Turbo Blades

- Faster cutting, lower cost version of our original outstanding turbo blade
- Designed for use on right-angle grinders, high speed, portable, electric, masonry and tile saws
- The fast cut from its freestanding turbo segments and high diamond concentration
- Smooth cutting from our advanced, high-density metal bond technology and our unique segment design
- Cuts brick, block, concrete pavers, concrete, marble and stone
- Especially well suited for cutting harder materials such as concrete pavers, fire brick, marble, granite and other natural stone.



Standard Gold HP Dry Turbo Blades	
Size	HPT7S Cat. No.
4" x .080	11703
4-1/2" x .080	11704
5" x .080	28247
6" x .080	19906
7" x .095	11705
8" x .095	11707
9" x .095	22322
10" x .110	11708
12" x .125	11709
12" x .125 x 20mm	11711
14" x .125	11712
14" x .125 x 20mm	11713
20" x .140	11715

Heavy Duty Orange HP Dry Turbo Blades	
Size	HPT7H Cat. No.
4" x .080	11637
4-1/2" x .080	11639
5" x .080	11641
6" x .080	11642
7" x .095	11643
8" x .095	11645
9" x .095	11646
10" x .110	11648
12" x .125	11654
12" x .125 x 20mm	11660
14" x .125	11666
14" x .125 x 20mm	11669
20" x .140	11678

Specifications		
Application	Standard Gold	Heavy Duty Orange
General Purpose Smooth Cutting Long Life	HPT7S	HPT7H

Dry/Wet Masonry Blades

- Fast, smooth cutting in a wide range of brick, block, concrete pavers, marble & stone
- High Diamond Concentrations & Advanced Metal Bond Technology
- Very competitively priced
- Cut at a constant depth of cut with less dust than abrasive blades
- Cuts brick, block, concrete pavers, concrete, marble and stone
- These blades increase operator safety and reduce time spent on blade changes
- May be used wet or dry
- Laser welded for added safety & performance in wet and dry applications

Standard Gold Masonry Blades				
Size	DM80S Cat. No.	DM85S Cat. No.	DM86S Cat. No.	DM87S Cat. No.
10" x .110	11947	11948	11949	11950
12" x .110	11952	11954	11955	11956
14" x .110	11959	11961	11964	11965
18" x .125	28288	11973	11974	20122
20" x .140	11976	11977	11978	11979



Heavy Duty Orange Masonry Blades				
Size	DM80H Cat. No.	DM85H Cat. No.	DM86H Cat. No.	DM87H Cat. No.
10" x .110	11817	11819	11820	11821
12" x .110	11825	11827	11828	11829
14" x .110	11847	11850	11853	11855
18" x .125	11879	11881	11883	11884
20" x .125	11893	11895	11897	11898

Premium Black Masonry Blades				
Size	DM80P Cat. No.	DM85P Cat. No.	DM86P Cat. No.	DM87P Cat. No.
10" x .110	11904	11905	11906	11907
12" x .110	11908	11909	11910	11911
14" x .110	11917	11920	11921	11922
18" x .125	18611	11935	11936	11937
20" x .125	11940	11942	11943	11944

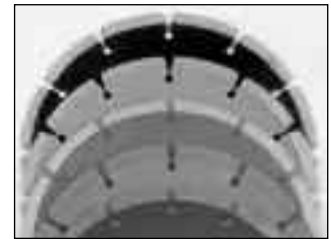
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Dry/Wet Masonry Blades (continued)

Specifications	Std. Gold	HD Orange	Prem. Black
Application			
Hard Materials Fast Cutting			
Hard Brick	DM80S	DM80H	DM80P
General Purpose Comb. Brick/Block	DM85S	DM85H	DM85P
General Purpose Comb. Brick/Block Long Life	DM86S	DM86H	DM86P
Abrasive Brick/Block Long Life	DM87S	DM87H	DM87P

Segmented Dry Small Diameter Blades for Electric Saws

- For use on hand-held circular saws and most right angle grinders
- Diamond blade maintains a constant depth of cut with fewer blade changes than abrasive blades
- Provide fast, free cutting in concrete, block, marble, soft granite, stone, tile and other materials



Economy Green Small Diameter Dry Blades	
Size	E4000 Cat. No.
4" x .070	23754
4-1/2" x .070	23857
7" x .080	23756

Standard Gold Small Diameter Dry Blades		
Size	E2S Cat. No.	E5S Cat. No.
4" x .070	11344	11346
4-1/2" x .070	11347	11349
5" x .080	11350	11351
5-1/2" x .080	17232	28289
6" x .080	11352	16866
7" x .080	11355	11357
8" x .080	11359	11360
9" x .080	11362	11364

Heavy Duty Orange Small Diameter Dry Blades		
Size	E2H Cat. No.	E5H Cat. No.
4" x .070	11242	11244
4-1/2" x .070	11249	11253
5" x .080	11257	11259
5-1/2" x .080	16300	11260
6" x .080	11263	11264
7" x .080	11268	11274
8" x .080	11290	11293
9" x .080	11297	11302

X-tra Plus Red Small Diameter Dry Blades		
Size	E2X Cat. No.	E5X Cat. No.
4" x .070	11366	11368
4-1/2" x .070	11370	11373
5" x .080	11374	11375
5-1/2" x .080	28290	11376
6" x .080	11378	11379
7" x .080	11380	11381
8" x .080	11383	11386
9" x .080	11387	11388

Premium Black Small Diameter Dry Blades		
Size	E2P Cat. No.	E5P Cat. No.
4" x .070	11304	11305
4-1/2" x .070	11307	11308
5" x .080	11310	11311
5-1/2" x .080	18197	11312
6" x .080	11315	11316
7" x .080	11319	11322
8" x .080	11338	11339
9" x .080	11340	11342

Specifications					
Application	Economy Green	Standard Gold	X-tra Plus Red	Heavy Duty Orange	Premium Black
General Purpose Smooth Cutting Long Life	E4000	E2S	E2X	E2H	E2P
Abrasive Materials Long Life	—	E5S	E5X	E5H	E5P

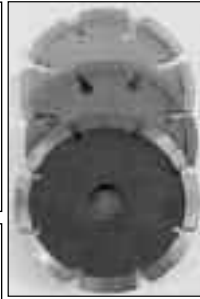
Diamond

Dry Tuck Pointing Blades

- For use on hand-held circular saws and small, right-angle grinders
- Two styles of tuck pointing blades:
 - General Purpose (in 3 quality grades)
 - High performance staggered segment
- Provide constant depth of cut and far fewer blade changes compared to abrasive blades
- For long life removal, choose the general purpose blade
- When higher removal speed is needed, select our staggered segment high performance tuck pointing blade

Economy Green General Purpose Dry Tuck Point Blades	
Size	DT4000 Cat. No.
3" x .250	—
4" x .250	26151
4-1/2" x .250	27950

HD Orange Gen. Purpose Dry Tuck Point Blades	
Size	DT9H Cat. No.
3" x .250	—
4" x .250	12418
4-1/2" x .250	12429
5" x .250	12437
7" x .250	12446
8" x .250	12454



Standard Gold General Purpose Dry Tuck Point Blades	
Size	DT9S Cat. No.
3" x .250	—
4" x .250	12462
4-1/2" x .250	12466
5" x .250	12470
7" x .250	12475
8" x .250	12476

High Performance Staggered Segment Dry Tuck Point Blades	
Size	HPDT9H Cat. No.
3" x .250	—
4" x .250	11697
4-1/2" x .250	11698
5" x .250	11700
7" x .250	11702
8" x .250	16638

Specifications				
Application	Econ. Green	Std. Gold	HD Orange	HP Stag. Seg.
General Purpose Long Life	DT4000	DT9S	DT9H	—
High Performance	—	—	—	HPTD9H

Crack Chasing "V" Blades

- Cleans rouls and repairs cracks in concrete and other materials
- Fast cutting and long lasting blade with laser welded diamond segs that leave a clean groove
- Available in 4-inch and 7-inch sizes
- Designed for use on small angle grinders
- Segmented design provides longer life and faster cutting than competitive blades



Crack Chasing "V" Blades*	
Size	Catalog No.
4" x .250	27542*
7" x .250x5/8-11	26719

*Available in 5/8-11 or 10mm threaded hub

Dry Tuck Pointing Pins

- Great for cleaning out mortar from hard to reach mortar joints and butt (vertical) joints
- Grinds out a butt joint in seconds (with no damage to existing blocks)
- Use on CORE CUT Flex Pin Grinder
- Grinding pins may be usable on other routers (please call for details)



Heavy Duty Orange Vertical Tuck Pointing Grinding Pins*	
Size	VT2H Cat. No.
1/4" Diameter Grinding Pin	12524
3/8" Diameter Grinding Pin	12529

*Tuck pins have 5/16" shaft, 1/4" shaft available

Specifications	
Application	HD Orange
General Purpose Vertical Tuck Pointing	VT2H

Dry Segmented Cup Grinders

- The most efficient way to grind all types of concrete, masonry, brick, block and stone
- Ring Cup Grinder is ideal for beveling, smoothing and shaping concrete, masonry and stone surfaces
- May be used on most right-angle grinders
- Use the turbo and single row cup grinders for faster removal of material
- Use the double row grinder for heavy removal



Dry Spiral Turbo Cup Grinders			
Description	Size	T5H Cat. No.	T5S Cat. No.
Heavy Duty Orange Spiral Turbo Cup Grinder w/10 segs	4" x 5/8-11	17943	----
Heavy Duty Orange Spiral Turbo Cup Grinder w/10 segs	4" x 7/8	20710	----
Standard Gold Spiral Turbo Cup Grinder w/10 segs	4" x 5/8-11	---	17846
Standard Gold Spiral Turbo Cup Grinder w/10 segs	4" x 7/8	---	23177
Heavy Duty Orange Spiral Turbo Cup Grinder w/12 segs	7" x 5/8-11	15095	----
Heavy Duty Orange Spiral Turbo Cup Grinder w/12 segs	7" x 7/8	18155	----
Heavy Duty Orange Spiral Turbo Cup Grinder w/24 segs	7" x 5/8-11	15096	----
Heavy Duty Orange Spiral Turbo Cup Grinder w/24 segs	7" x 7/8	18396	----
Standard Gold Spiral Turbo Cup Grinder w/12 segs	7" x 5/8-11	---	16410
Standard Gold Spiral Turbo Cup Grinder w/12 segs	7" x 7/8	---	17834
Standard Gold Spiral Turbo Cup Grinder w/24 segs	7" x 5/8-11	---	15263
Standard Gold Spiral Turbo Cup Grinder w/24 segs	7" x 7/8	---	18641

WHICH CUP GRINDER SHOULD YOU USE?

Single Row - For general application grinding and material removal

Double Row - Ideal for heavier material removal and for steep slopes

Ring - Continuous surface grinder results in smooth cutting and prevents segs from falling off

Turbo - When you need grinding done at a maximum speed

Dry Ring Turbo Cup Grinders			
Description	Size	Catalog No.	Bond
Ring Turbo Cup Grinder w/Fine Grit	4" x 7/8	----	KT5HF
Ring Turbo Cup Grinder w/Medium Grit	4" x 7/8	26060	KT5HM
Ring Turbo Cup Grinder w/Course Grit	4" x 7/8	23329	KT5HC
Ring Turbo Cup Grinder w/Fine Grit	4" x 5/8-11	19546	KT5HF
Ring Turbo Cup Grinder w/Medium Grit	4" x 5/8-11	17539	KT5HM
Ring Turbo Cup Grinder w/Course Grit	4" x 5/8-11	23051	KT5HC

Standard Gold & Heavy Duty Orange Dry Segmented Cup Grinders			
Size/Application	Standard Gold Bond/Catalog No.	Heavy Duty Orange Bond/Catalog No.	
4" Single Row	S5S 07442	S5H 00015	
4" Double Row	D5S 07429	D5H 00016	
4" Ring	R5S 07439	R5H 07385	
5" Single Row	S5S 28508	S5H 07404	
5" Double Row	D5S 07431	D5H 07370	
7" Single Row	S5S 07450	S5H 00017	
7" Double Row	D5S 07434	D5H 00018	



NOTE: All Cup Grinders come with 5/8" - 11 Threaded Arbor

Specifications			
Application	Std. Gold	HD Orange	
4" Single Row	S5S	S5H	
4" Double Row	D5S	D5H	
4" Ring Type	R5S	R5H	
4" Turbo Grinder	T5S	T5H	
7" Single Row	S5S	S5H	
7" Double Row	D5S	D5H	

Cutting Tools

Diamond

Dry and Wet Tile Blades

Dry Tile Blades

- A great value for fast, chip-free cutting in a wide variety of tile, masonry and stone
- Use wet or dry on tile saws
- Can be used on right-angle grinders and hand saws
- Special air hole design for cooler operation and longer life
- Special metal bond designed especially for dry cutting

Heavy Duty Orange Dry Tile Blades	
Size (in)	TD2H Cat. No.
4" x .060 x 5/8"	12508
5" x .060 x 5/8"	12510
6" x .060 x DIAMOND-5/8"	12512
7" x .060 x DIAMOND-5/8"	12515
8" x .060 x 5/8"	12517
10" x .060 x 5/8"	12519
General Purpose-Smooth Cutting: Heavy Duty Orange (TD2H)	

Specifications	
Application	Heavy Duty Orange
General Purpose Smooth Cutting	TD2H



Wet Tile Blades

- Rugged construction
- Fast smooth cutting
- Long blade life

Available in three rim depths:
Standard Gold - .187"
Heavy Duty Orange - .250"
Premium Black - .375"
(.25" rim for 12" and 14" blades)



Wet Tile Blade Sizes			
Size	WT1S Std. Gold Cat. No.	WT1H HD Orange Cat. No.	WT1P Prem. Black Cat. No.
3-3/8" x .050 x 5/8"			
4" x .060 x 5/8"	12374	12340	
6" x .060 x 5/8"	12375	12346	
7" x .060 x 5/8"		12517	12364
8" x .060 x 5/8"	12377	12352	
9" x .060 x 5/8"		12355	
10" x .060 x 5/8"	12379	12359	12368
12" x .080 x 1"		13512	12369
14" x .080 x 1"	13522	23838	12370

Specifications			
Application	Standard Gold	Heavy Duty Orange	Premium Black
General Purpose Smooth Cutting	WT1S	WT1H	WT1P

Diamond Nuts & Drilling Rigs

WET DIAMOND CORE BITS:

Premium Black Core Bit

Our Premium Black bit is the industry standard. Its very high diamond concentration gives maximum footage and drilling speed. Designed for all types of wet drilling. Good in moderate to high steel applications. Choose Premium Black for your lowest total drilling cost.

Specifications

P33F - Hard Aggregate
POL - General Purpose, Fast Cutting
P64L - Asphalt/Block, Long Life

Size (in)	POL Cat. No.	P33F Cat. No.	P64L Cat. No.
1/2	05826	05820	28585
5/8	05917	05912	28586
3/4	05962	05957	28587
7/8	06004	05998	25115
1	05293	05286	19871
1-1/8	05338	23309	28588
1-1/4	05381	05373	22003
1-3/8	05404	05399	28589
1-1/2	05441	05427	05438
1-5/8	05472	18689	28594
1-3/4	05483	05476	28595
1-7/8	05509	28580	28596
2	05529	05516	05525
2-1/4	05571	05565	23771
2-1/2	05607	05596	28597
2-3/4	05629	28581	28598
3	05661	05643	21246
3-1/4	05688	26748	05686
3-1/2	05709	22306	28599

Size (in)	POL Cat. No.	P33F Cat. No.	P64L Cat. No.
4	05761	05742	05753
4-1/4	05791	05782	05788
4-1/2	05805	28582	23173
5	05843	05831	24580
5-1/2	05867	27102	28600
6	05892	20265	05886
6-1/4	05921	05919	28601
6-1/2	05927	28583	28602
7	05945	26932	28603
8	05984	05969	05980
9	06013	28584	28604
10	05306	27971	28605
12	05361	05351	05359
14	05417	05412	28606
16	05462	26250	28607
18	05498	26254	05496
20	05536	26258	28608
24	05584	26262	05583



Heavy Duty Orange Core Bit

The Heavy Duty Orange bit is our most popular bit. It has a high diamond concentration for excellent footage and cutting speed. Designed for all types of wet drilling applications with light to moderate steel. Go with Heavy Duty Orange for the best general purpose bit on the market.

Specifications

H33F - Hard Aggregate
HOL - General Purpose, Fast Cutting
H64L - Asphalt/Block, Long Life

Size (in)	HOL Cat. No.	H33F Cat. No.	H64L Cat. No.
1	04812	21156	04810
1-1/8	04837	04835	27000
1-1/4	15509	04859	25596
1-3/8	04874	19356	25597
1-1/2	15525	04886	28619
1-5/8	04907	19933	28620
1-3/4	04910	21343	28621
1-7/8	04920	19934	28622
2	15479	04926	04934
2-1/4	04959	04955	04957
2-1/2	00004	04972	04976
2-3/4	04992	04991	28623
3	00005	04999	05013
3-1/4	05032	28616	28624
3-1/2	00006	22376	28625
4	00007	05052	05060
4-1/4	05079	05075	05077

Size (in)	HOL Cat. No.	H33F Cat. No.	H64L Cat. No.
4-1/2	00008	05083	05086
5	00009	05101	05107
5-1/2	05117	27758	28626
6	00010	05123	05131
6-1/4	05144	20285	05143
6-1/2	05151	05148	05150
7	05163	19092	24977
8	05183	05176	05180
9	05199	05196	28627
10	04822	04815	04820
12	04853	04841	04848
14	04882	04877	24889
16	04903	18777	25130
18	04918	04914	28628
20	04947	28617	28636
24	04968	28618	04966



Expansion Adapters

Size (in)	Part No.
1	4010476
1-1/8	4010477
1-1/4	4010478
1-3/8	4010479
1-1/2	4010480
1-5/8	4010481
1-3/4	4010482
1-7/8	4010483
2	4010484

Size (in)	Part No.
2-1/4	4010485
2-1/2	4010486
2-3/4	4010487
3	4010488
3-1/4	4010489
3-1/2	4010490
4	4010491
4-1/4	4010492
4-1/2	4010493

Size (in)	Part No.
5	4010494
5-1/2	4010495
6	4010496
6-1/4	4010497
6-1/2	4010498
7	4010499
8	4010500
9	4010501
10	4010502

Diamond

Standard Gold Core Bit

An excellent general purpose bit with good diamond concentration for fast drilling. Designed for the occasional driller with average to light duty wet drilling.

Specifications

SMF - General Purpose, Fast Cutting
SHL - Asphalt/Block, Long Life

Size (in)	SMF Cat. No.	Size (in)	SMF Cat. No.
2	06206	5-1/2	06236
2-1/4	06208	6	06239
2-1/2	06210	6-1/4	06241
2-3/4	06213	6-1/2	06243
3	06217	7	06244
3-1/4	25241	8	06245
3-1/2	06219	9	06247
4	06225	10	06195
4-1/4	06228	12	06201
4-1/2	06231	14	06204
5	06235		



Large Diameter Core Bits

- Core Bore - the originator of lightweight spoked hub large diameter bits
- Standard with our unique 45° radial water sprayer
- In standard sizes to 48" (we can make them up to 72" - any diameter quoted upon request)
- May be ordered with a variety of hub styles and thread sizes

Heavy Duty & Premium Large Diameter Core Bits

Size (in)	No. of Segs	HD Orange HOL Cat. No.	Prem. Blk. POL Cat. No.
26	40	04986	05622
28	43	04996	05632
30	46	05023	05671
32	49	05031	05682
34	52	28641	05696
36	56	25778	05721
38	60	28642	05740
40	62	28643	24832
42	65	28644	05781
44	68	41642	05797
46	71	41643	32564
48	74	28055	05817



The radial sprayer of our large diameter bits gets water to the tube and segments where it is needed.

Premium Black Turbo Bits

The Premium Black Turbo is our most popular Turbo bit. It has a very high diamond concentration for excellent performance in heavy to very heavy steel applications. Combine this excellent diamond concentration with its fluted segment design and you have a bit that flies through just about anything.

Specifications

TPOWL - General Purpose, High Steel

Size (in)	TPOWL Cat. No.	Size (in)	TPOWL Cat. No.
2	06960	5	06979
2-1/2	06966	6	06982
3	06969	8	06988
3-1/2	06972	10	06955
4	06974	12	06956
4-1/2	06978		



HD Orange Turbo Bits

Our Heavy Duty Orange Turbo bit has very good diamond concentration for excellent speed in moderate to heavy steel applications. This bit is one of the fastest general purpose bits available.

Specifications

TH - General Purpose, Moderate Steel

Size (in)	THOWF Cat. No.	Size (in)	THOWF Cat. No.
2	06887	5	06906
2-1/2	06892	6	06909
3	06895	8	06913
3-1/2	06897	10	27010
4	06900	12	06881
4-1/2	06904		



DRY DIAMOND CORE BITS:

Dry Diamond Hole Saws

Our Dry Hole Saws are the best in the business. We were the first to introduce them and nobody sells more. Drill dry through block and brick in seconds. No water needed for easy cleanup.

Specifications

DH - Block and Soft Brick

Dia. (in)	HD Orange Cat. No.	Drill Grinder Min. Amps	Drill Grinder Max/Min RPM
7/8	04771	6	6000/2300
1	04706	6	6000/2300
1-1/4	04711	6	6000/2300
1-1/2	04717	7	5000/1600
1-3/4	04720	7	5000/1600
2	00011	7	5000/1200
2-1/4	04727	7	5000/1200
2-1/2	00012	7	5000/1200
3	00013	7	5000/800
3-1/2	00014	10	5000/800
4	04745	10	5000/700
4-1/2	04751	10	5000/700
5	04756	10	2500/700
6	04764	10	2500/600

With 5/8" - 11" thread & 9" drilling depth std.



Dry Hole Saw Notes:

1. Not all types of brick and block drilled. Please consult factory.
2. All bits have 5/8" - 11 threads.
3. All bits have 9" drilling depth.
4. Jacobs Chuck Adapter available for hammer drills 5/8" - 11 thread to straight shank.

Dry Hole Saw Accessories

Part Description	Cat. No.
1/2" x 12" Carbide Drill Starter Bit with "A" Taper Shank for 5/8" - 11	00033
5/8" - 11 female to 5/8" - 11 male pilot adapter	01902

Dry Diamond Vacuum Bits

Designed for drilling dry in cured concrete*, brick, and block. Run on standard core drill motors or high speed grinders. This bit takes up where the Dry Hole Saw leaves off.

Specifications

DVH - Cured Concrete, Brick

Dia. (in)	HD Orange Cat. No.	Drill Grinder Max/Min RPM
1-1/2	04775	5000/1600
1-3/4	04777	5000/1600
2	04780	5000/1200
2-1/4	04782	5000/1200
2-1/2	04785	5000/1200
3	04789	5000/800
3-1/2	04793	5000/800
4	04796	5000/700
4-1/2	04799	5000/700
5	04802	2500/700
6	04805	2500/600

With 1.250" - 12 thread & 9" drilling depth std.



Dry Hole Vacuum Bit Notes:

1. Do not use in applications with steel heavier than wire mesh.
2. All bits have 1.250" - 12 threads.
3. All bits have 9" drilling depth.

WET DIAMOND CORE BITS:

Resegmented Bits

Save money by recycling your used core bits. The bigger the bit, the more you save. Send us your used bits, ours or a competitors, and we will cut off the end and put new segments on it for a bit as good as new.

Bits may be resegmented with Premium Black, Heavy Duty Orange, Standard Gold, Turbo Orange or Turbo Black segments. Send us your used bits today.

Bit Dia (in)	Bit Dia (in)
1	6
1-1/4	6-1/2
1-1/2	7
1-3/4	8
2	9
2-1/4	10
2-1/2	12
3	14
3-1/2	16
4	18
4-1/2	20
5	24
5-1/2	



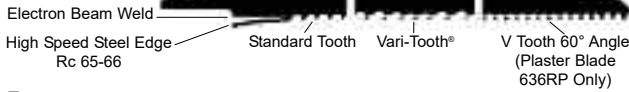
Cutting Tools

Lenox®

Lenox®

Reciprocating Blades

BLADE CONSTRUCTION



Features:

- Bi-metal construction
- Matrix II type alloy high speed steel cutting edge (8% cobalt edge)
- Tooth hardness Rc 65-66
- Precision milled teeth
- 17° tooth back clearance angle
- 656R, 956R, 156R, 676RC, 966R
- Angled tang

Advantages:

- Shatter resistant
- Shock resistant teeth
- High wear resistance
- High heat resistance
- More aggressive cut

Benefits:

- Cuts through tough materials including nail-embedded wood
- Longer life
- Retains tooth sharpness longer
- Increases productivity
- Faster cutting



Heavy-Duty Recips Designed Especially for Higher Amp Machines

Fire and Rescue specialists can't take chances with the blades they use. That's why they choose Lenox 650R or 960R Demolition blade.

- Extended life when cutting pipe, structural steel and stainless steel. Fire and rescue.



Blade Specifications – 2 Per Pack

Product No.	Application	L x W x T (in)	Teeth Per Inch*
650R	Stainless steel: 3/16" – 3/4"	6 x 3/4 x .050	10/14
6514R	Stainless steel: 3/32" – 3/8"	6 x 3/4 x .050	14
6518R	Stainless steel: 1/16" – 1/4"	6 x 3/4 x .050	18
9514R	Stainless steel: 3/32" – 3/8"	9 x 3/4 x .050	14

*Tuff Tooth™

Master-Grit® Recip Blades

BLADE CONSTRUCTION

6150 Alloy Steel Spring Tempered Backing



Master-Grit's tungsten carbide grit edge looks different from regular blades because it is different. It *is* the only edge that will cut abrasives like fiberglass, granite, cement, plywood and the list goes on...



Blade Specifications – 2 Per Pack

Product No.	Application	Edge	L x W x T (in)
6000RG	Cast iron, fiberglass, ceramic	Medium Carbide	6 x 3/4 x .032
800RG	wall tile, clay pipe, stone.	Carbide	8 x 3/4 x .040
100RG		Grit	10 x 3/4 x .050

Demolition Recips - "The Ultimate" Cut

Featured here is the Lenox 966R cutting cleanly through angle iron, wood and metal pipe – all at the same time. Would you expect that from a wood-cutting blade?



Blade Specifications – 2 Per Pack

Product No.	Application	L x W x T (in)	Teeth Per Inch
6066R	Demolition work in nail-embedded wood.	6 x 7/8 x .062	6
966R	Demolition work in nail-embedded wood.	9 x 7/8 x .062	6
960R	Demolition work in wood and metal. Fire and rescue.	9 x 7/8 x .062	10*
106R	Demolition work in nail-embedded wood.	12 x 7/8 x .062	6

*Tuff Tooth™

E-Style & E-R Bi-Metal Reciprocating Blades

Features:

- Bi-metal construction
- High speed steel cutting edge
- Tooth hardness Rc 64-66

Advantages:

- Tough shock resistant alloy with less tooth chippage
- Withstands high cutting temperatures
- Virtually unbreakable

Benefits:

- Lasts longer
- Attains higher productivity than all-hard or carbon steel blades
- Increases blade life

Machine Applications:

Used in Rems, Roller, Rex, Flex, Ridgid & Asada reciprocating machines.



E-Style Blade Specifications – 5 Per Vinyl Pouch

Product No.	Application	L x W x T (in)	Teeth Per Inch
20405-508E	Pipe, structural steel, stainless steel, non-ferrous metal: 5/32" & thicker. Nail-embedded wood.	5-1/2 x 1 x .062	8
20408-808E	Pipe, structural steel, stainless steel, non-ferrous metal: 5/32" & thicker. Nail-embedded wood.	8 x 1 x .062	8

E-Style Blade Specifications (Double Tang) – 5 Per Vinyl Pouch

Product No.	Application	L x W x T (in)	Teeth Per Inch
20483-608ER	Pipe, structural steel, stainless steel, non-ferrous metal: 5/32" & thicker. Nail-embedded wood.	5-1/2 x 1 x .062	8
20484-708ER	Pipe, structural steel, stainless steel, non-ferrous metal: 5/32" & thicker. Nail-embedded wood.	7-7/8 x 1 x .062	8
20482-110ER	Flexible blade. Nail-embedded wood, pallets. Metal 1/8" – 1/2" thick.	11-3/4 x 1 x .035	10/14

Lenox®

22
Cutting Tools

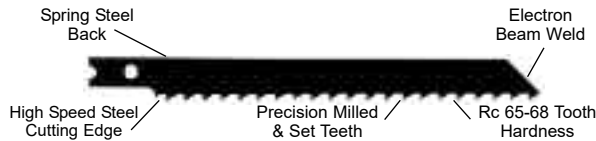
Lenox® Product No.				L x W x T (in)	Teeth Per Inch	Shape	Recommended Use
5 Per Vinyl Pouch	2 Per Vinyl Pouch	Blister Packed 1 Per Card/5 Cards per Pk.	Bulk Packed 50 Per Plastic Container				
20572-656R		20573-S656R	20543-B656R	6 x 3/4 x .050	6		Roughing-in work & nail-embedded wood. Fast cutting. Pipe, structural steel, stainless steel, non-ferrous metal: 3/16" & thicker.
20585-156R		20586-S156R	20546-B156R	12 x 3/4 x .050	6		
20582-956R		20587-S956R	20545-B956R	9 x 3/4 x .050	6		
20556-676RC		20557-S676RC		6 x 7/16 x .050	6		Contour cutting in all woods, nail-embedded wood & composition materials.
20560-606R		20559-S606R	20536-B606R	6 x 3/4 x .035	6		Fast cutting for wood, composition materials, plastics, and non-ferrous metal.
20575-634R		20574-S634R		6 x 3/4 x .035	4		Extra fast cutting in thick, nail-free wood.
20562-610R		20561-S610R	20539-B610R	6 x 3/4 x .035	10		Nail-embedded wood, composition materials, and plastics. Pipe, carbon steel, stainless steel: 1/8"-1/4" Non-ferrous metal: 1/8"-1/2" thick.
20580-810R		20581-S810R	20544-B810R	8 x 3/4 x .050	10		
20583-110R		20584-S110R	20547-B110R	12 x 3/4 x .050	10/14		
20520-314RC		20519-S314RC		3 x 1/4 x .032	14		Contour cutting in wood < 3/4" thick & in metal 3/32"-5/16" thick.
20550-414R		20551-S414R	20526-B414R	4 x 3/4 x .035	14		Pipe, structural steel, stainless steel: 3/32"-1/4". Non-ferrous metal: 3/32" - 3/8". Hard Rubber.
20564-614R		20565-S614R	20540-B614R	6 x 3/4 x .035	14		
20552-418R		20553-S418R	20527-B418R	4 x 3/4 x .035	18		Structural steel, pipe, conduit, stainless steel: 1/16"-3/16" thick. Non-ferrous metal: 1/16"-5/16". Pallet cutting for 618R & 818R blades only.
20566-618R		20567-S618R	20541-B618R	6 x 3/4 x .035	18		
20578-818R		20563-S818R		8 x 3/4 x .035	18		
20521-318RC		20522-S318RC		3 x 1/4 x .032	18		Contour cutting in metal: 1/16"-1/8" thick.
20554-424R		20555-S424R	20528-B424R	4 x 3/4 x .035	24		All metals less than 1/8" thick. Tubing, conduit, trim.
20568-624R		20569-S624R	20542-B624R	6 x 3/4 x .035	24		
20570-636RP		20571-S636RP	20538-B636RP	6 x 3/4 x .050	6		For plaster, plaster board, & lath. Bi-directional cutting.
	20505-600RG			6 x 3/4 x .032	Med. Carbide Grit		Cast iron, fiberglass, ceramic tile, clay pipe, stone, brick, plaster, marble.
	20576-800RG			8 x 3/4 x .040			
	20506-100RG			10 x 3/4 x .050			
	20512-6066R			6 x 7/8 x .062	6		Demolition work in nail-embedded wood.
	20598-966R			9 x 7/8 x .062	6		Demolition work in wood & metal. Fire & rescue.
	20597-960R			9 x 7/8 x .062	10		
	20592-650R			6 x 3/4 x .050	10/14		Heavy-duty. Extended life when cutting pipe, structural steel, stainless steel: 3/16"-3/4". Fire & rescue.
	20591-6510R			6 x 3/4 x .050	10		Heavy-duty. Extended life when cutting pipe, structural steel, stainless steel: 1/8"-1". Fire & rescue.
	20593-6514R			6 x 3/4 x .050	14		Heavy-duty. Extended life when cutting pipe, structural steel, stainless steel: 3/32"-3/8". Fire & rescue.
	20594-6518R			6 x 3/4 x .050	18		Heavy-duty. Extended life when cutting pipe, structural steel, stainless steel: 1/16"-1/4". Fire & rescue.
	20511-9514R			9 x 3/4 x .050	14		Heavy-duty. Extended life when cutting pipe, structural steel, stainless steel: 3/32"-3/8". Fire & rescue.

Assortment-Product No. 20502-546A. One ea. 414R, 418R, 614R, 618R, 656R, Vinyl Pouch.

Cutting Tools

Lenox®

Milled Jig Saw Blades



Features:

- Bi-metal construction
- Precision milled teeth
- 8% cobalt high speed steel cutting edge
- Tooth hardness Rc 65-68
- 0° tang angle
- Tangs to fit all major manufactures of jig saw machines

Advantages:

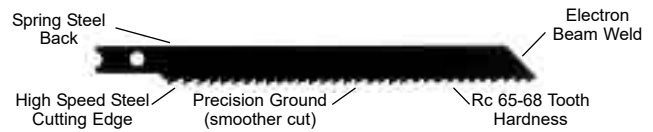
- Shatter resistant
- Shock resistant teeth
- High wear resistance
- High heat resistance

Benefits:

- Cuts through most materials including stainless steel & nail-embedded wood
- Longer life
- Retains tooth sharpness longer
- Increases productivity
- Faster cutting



Ground Jig Saw Blades



Features:

- Bi-metal construction
- Precision ground teeth
- Fleam ground & hollow ground
- Side clearance
- 8% cobalt high speed steel cutting edge
- Tooth hardness Rc 65-68
- 0° tang angle
- Tangs to fit all major manufacturers of jig saw machines

Advantages:

- Shatter resistant
- Shock resistant teeth
- High wear resistance
- High heat resistance

Benefits:

- Longer life
- Retains tooth sharpness longer
- Increases productivity
- Faster cutting
- Cuts through nail-embedded wood
- Smooth finish



Universal Style Bi-Metal Jig Saw Blades

Application	Product No.					Length x Width x Thickness (in)	Teeth Per Inch	Milled or Ground
	5 Per Vinyl Pouch-English Only	5 Per Blister Packed Card-Multi-Language*	1 Per Blister Packed Card (5 Cards/Pack) English Only	Multi-Language*	Bulk Packed-50 Per Box English Only			
Fast, Rough Cutting in Wood & Composition Material: 3/8" - 2" Thick.	20620-486J	20652-F486J	20625-US486J	20670-S486J	20603-B486J	4-1/2 x 3/8 x .050	6	Milled
Fast, Rough Cutting in Wood and Composition Material: 3/8" - 3-1/2" Thick.	20607-686J	20658-F686J	20626-US686J	20683-S686J		6" x 3/8" x .050	6	Milled
Wood, Nail-Embedded Wood: 1/4" - 2" Thick. All Steels: 1/8" - 1/2". Soft Metals: 1/8" - 1".	20622-480J	20654-F480J	20631-US480J	20672-S480J	20604-B480J	4-1/2" x 3/8" x .050	10	Milled
Flush Cutting in Wood: 1/4" - 1" Thick.	20628-356JF		20634-US356JF	20629-S356JF		3-1/2" x 1-1/8" x .050	6/10	Milled
Contour Cuts in Wood: 3/16" - 1" Thick. Soft Metals: 1/8" - 3/8".	20690-350JC		20699-US350JC	20691-S350JC		3-1/2" x 1/4" x .050	10	Milled
Fast, Clean Cutting in Wood, Plastic & Composition Material: 3/8" - 2" Thick.	20608-456J	20653-F456J	20627-US456J	20671-S456J		4-1/2" x 5/16" x .050	6	Ground
Clean Contour Cuts in Wood, Plastic & Composition Material: 3/8" - 1-1/2" Thick.	20613-416JC	20647-F416JC	20630-US416JC	20675-S416JC		4" x 1/4" x .050	6	Ground
Fast, Smooth cuts in Wood, Plastic & Composition Material: 3/16" - 1-1/2" Thick.	20614-450J	20648-F450J	20632-US450J	20676-S450J	20605-B450J	4" x 5/16" x .050	10	Ground
Chip-free Down Cutting in Formica, Laminate & Plastic: 3/16" - 1-1/2" Thick.	20615-450JR	20649-F450JR	20633-US450JR	20677-S450JR		4" x 5/16" x .050	10	Ground
Fine Contour Cutting in Wood, Veneer, Laminate & Plastic: 1/16" - 1/2" Thick.	20616-320JC	20640-F320JC	20636-US320JC	20664-S320JC		3" x 3/16" x .050	20	Ground V
Clean Cuts in Wood: 3/16" x - 1-1/2" Thick. Cordless Saws	20617-430J	20650-F430J	20637-US430J	20678-S430J		4" x 3/8" x .037	10	Ground
Wood, Plastic: 3/16" - 1". Steels: 1/8" - 3/8". Non-ferrous Metal: 1/8" - 3/4".	20638-340JV	20646-F340JV	20635-US340JV	20688-S340JV		3-1/2" x 3/8" x .037	10/14	Milled
Contour Cuts in all Steels: 1/16" - 3/16" thick & Soft Metal: 1/16" - 5/16".	20619-318JC	20642-F318JC	20657-US318JC	20663-S318JC		3" x 3/16" x .037	18	Ground
Steels: 3/32" - 1/4". Non-ferrous Metal: 3/32" - 3/8"	20610-314J	20641-F314J	20655-US314J	20660-S314J	20674-B314J	3" x 3/8" x .037	14	Milled
Stainless Steel, Structural Steel: 1/16" - 3/16". Non-ferrous Metal: 1/16" - 5/16"	20611-318J 20621-518J	20643-F318J 20656-F518J	20666-US318J 20667-US518J	20661-S318J 20681-S518J	20680-B318J	3" x 3/8" x .037 5-1/4" x 3/8" x .050	18 18	Milled Milled
Stainless Steel, Sheet Metal: ≤ 1/8" Thick. Non-ferrous Metal: ≤ 1/4" Thick.	20612-324J	20644-F324J	20688-US324J	20662-S324J	20682-B324J	3" x 3/8" x .037	24	Milled
Cordless Saws. Sheet Metal: ≤ 1/8" Thick. Non-ferrous Metal: ≤ 1/4" Thick.	20623-424J	20651-F424J	20669-US424J	20679-S424J		4" x 3/8" x .025	24	Milled
Cast Iron, Fiberglass, Ceramic Tile, Hard Plaster.	20624-300JG	20639-F300JG	20673-US300JG	20665-S300JG		3" x 5/16" x .032		Med. Carbide Grit

7 Piece Assortment: English Only Product No. 20606-U743JA One ea. 486J, 480J, 340JV, 450J, 314J, 318J, 324J. Vinyl Pouch.

7 Piece Assortment: Multi-Language* Product No. 20693-743JA One ea. F486J, F340JV, F450J, 314J, F324J. Plastic Box.

3 Piece Assortment: English Only Product No. 20600-U343JA One ea. 486J, 314J, 324J. Vinyl Pouch.

3 Piece Assortment: Multi-Language* Product No. 20692-343JA One ea. F486J, F324J. Vinyl Pouch.

* Multi-language packaging includes English, German, French, Italian and Spanish.

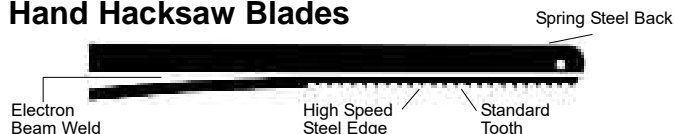
Lenox®

Bayonet Style Bi-Metal Jig Saw Blades



Application	Prod. No	Length x Width x Thickness (in)	Teeth Per Inch	Milled or Ground
	5 Per Vinyl Pouch- English Only			
Wood, Fast Cut, Rough Cut	20725-336B	3" x 3/8" x .032	6	Milled
Wood, Nail-Embedded	20727-330B	3" x 3/8" x .032	10	Milled
Wood, Nail-Embedded	20715-130B	1-3/4" x 1/4" x .032	10	Milled
Metal Over 1/4" Thick	20728-334B	3" x 3/8" x .032	14	Milled
Metal Over 1/4" Thick	20716-134B	1-3/4" x 1/4" x .032	14	Milled
Metal Over 1/8" Thick, Gen. Purpose	20730-338B	3" x 3/8" x .032	18	Milled
Metal Over 1/8" Thick, Gen. Purpose	20717-138B	1-3/4" x 1/4" x .032	18	Milled
Thin Metal, Plastic, Polys, Paneling	20718-124B	1-3/4" x 1/4" x .032	24	Milled

Hand Hacksaw Blades



Features:

- Bi-metal construction
- Spring steel back
- M-2 high speed steel cutting edge
- Tooth hardness Rc 64-66

Advantages:

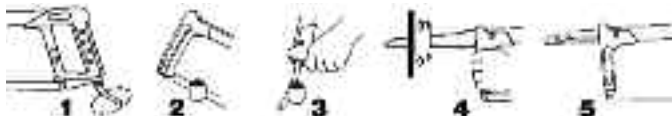
- Virtually unbreakable
- Shatter resistant
- Shock Resistance
- High heat resistance

Benefits:

- Lasts longer
- Safer than solid high steel blades
- Outperforms carbon steel up to 10 to 1
- Increases blade life
- Easier to push through the cut
- Smoother cut
- Freer cutting action
- Faster cutting

Product No.				
Bulk Packed 100 Per Box	10 Per Vinyl Pouch	Blister Packed 1 Per Card/ 10 Cards Per Pack	Length x Width (in)	Teeth Per Inch
20110-018HE	20140-V018HE	20150-S018HE	10 x 1/2	18
20111-024HE	20141-V024HE	20151-S024HE	10 x 1/2	24
20112-032HE	20142-V032HE	20152-S032HE	10 x 1/2	32
	20143-V214HE		12 x 1/2	14
20116-218HE	20144-V218HE	20154-S218HE	12 x 1/2	18
20117-224HE	20145-V224HE	20155-S224HE	12 x 1/2	24
20118-232HE	20146-V232HE	20156-S232HE	12 x 1/2	32

4012 Hacksaw Frame



1. Lever tensions the 12" hacksaw blade to 30,000 psi (about twice that of ordinary frames).
2. Mount blade at 45° for flush cutting jobs.
3. Use frame as jab saw (set screw holds blade in position).
4. Use as a compass saw with No. 20585-156R reciprocating blade.
5. Store spare blades inside tubular back.

Prod. No.	Desc.
20918-4012	High tension handsaw frame
1 per sleeves/5 per box	

Features:

- Heavy-duty aluminum handle
- Rectangular steel crossbar
- Blade storage
- Converts to jab or compass saw
- Permanent hardened/serrated blade holding pins
- Blade tensions to 30,000 psi
- Steel tensioning nut
- Fold away tension lever
- 45° blade holder pins for flush cutting

Advantages:

- Resists breakage
- Easy to use
- No need to replace blade holder pins
- No blade twisting

Benefits:

- Strong
- Saves time/improves productivity
- Safe to use
- Straighter cuts
- Convenient
- Longer blade life
- Versatile
- Fast cutting
- Easier to push through the cut

2012 Hacksaw Frame

Features:

- All metal construction, including zinc-plated bar and cast aluminum handle
- Larger throat
- Enlarged handle grip opening
- Complete with 12" Lenox bi-metal hacksaw blade

Advantages:

- Resists corrosion & breakage
- Lightweight
- Deep cutting
- Protects hands and fingers
- Ample room for work gloves
- Highest tension of any frame in its class
- Cannot over tension
- No blade twisting



Prod. No.	Desc.
20919-2012	Heavy-duty aluminum handle hacksaw frame w/ 12" bi-metal blade
1 Per Sleeve/5 Per Box	

Benefits:

- Lasts longer
- Easy to work with
- Cuts wider assortment of material sizes
- Safer
- More convenient & economical
- Straighter, cleaner cuts
- Longer blade life
- Improves productivity

975 Hacksaw

Features:

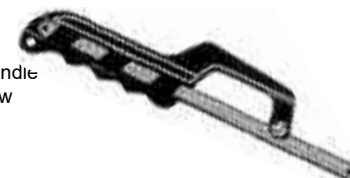
- Rugged heavy-duty aluminum handle
- Complete with 10" Lenox hacksaw blade

Advantages:

- Resists breakage
- Lightweight

Benefits:

- Strong
- Economical
- Convenient
- Designed for the hard-to-get-at job



Prod. No.	Desc.
20975-975	Rugged heavy-duty aluminum handle. Designed for hard-to-get-at places. Cuts bolts, wire, tubing and plastic. Includes bi-metal 10" blade.
1 Card Per/5 Per Box	

Tri-Fold® Saw

Features:

- Heavy-duty aluminum handle
- Complete with 6" Lenox Reciprocating Blade
- Blade folds away safely
- Locks in 3 positions
- Comfortable hand grip
- Hanging hole in handle
- Accepts reciprocating blades using 1/2" tang

Advantages:

- Resists breakage
- Easy to use
- Lightweight
- Easy blade change

Benefits:

- Cuts in hard-to-get-at places
- Easy to carry on the job/fits in your pocket
- Safe to use
- Saves time



Prod. No.	Desc.
20992-3636	Tri-Fold® Saw Wood, drywall & non-metallic
20993-3618	Tri-Fold® Saw Metal Cutting
1 Per Clam/5 Per Box	

Cutting Tools

Lenox®

PVC/ABS Plastic Pipe Hand Saw BLADES

Features:

- One piece carbon steel construction
- Tooth hardness Rc 63-66
- 2-1/2" blade width
- Precision milled teeth
- Spring tempered blade back

Advantages:

- Good wear resistance
- Cuts larger diameter than a hacksaw
- Teeth stay sharper longer
- Cuts on push and pull stroke
- Resists flexing

Benefits:

- Cuts plastic, wood and drywall
- Cuts nail-embedded wood
- Lasts longer
- Saves time
- Cuts faster
- Cuts straighter



HANDLE

Features:

- Heavy-duty aluminum
- Single screw blade attachment

Advantages:

- Sturdy, durable
- Virtually unbreakable
- Easy to assemble

Benefits:

- Comfortable
- Long lasting
- Easy blade change

Prod. No.	Desc.
20980-HSF-180	18" blade & handle
20985-HSF-120	12" blade and handle
20981-HSB-18	18" replacement blade
20982-HSB-12	12" replacement Blade
20987-FCBA*	Flush cutting blade adaptor
<i>1 per sleeve/5 per box</i>	
<i>* 1 Per card/5 per box</i>	

Close Quarter® Saw

Features:

- Rigid solid bar construction
- Hardened carbon blade
- Increased blade tensioning

Advantages:

- Cuts where other frames can't
- Easy blade change

Benefits:

- Increases productivity
- Saves time
- Straight cuts



Prod. No.	Desc.
20908-908	Close Quarter® Saw
20906-906	Replacement Blades 6" x 1/4" x .014 x 32T
<i>Saw - 1 Per Card/5 Per Box. Blades - 10 Per Card.</i>	

Bi-Metal Hole Saws

Sharper Tooth Tips - A new manufacturing process creates sharper tooth tips for faster, freer cutting.

Features:

- Bi-metal construction
- M-2 high speed steel cutting edge
- Tooth hardness Rc 63-65
- Vari-Tooth® design
- Positive rake tooth
- 3/16" thick heavyduty backing plate
- 1-1/2" cutting depth

Advantages:

- Shock resistant teeth
- Resists tooth stripping
- Greatly reduces vibration
- Aggressive cutting action
- More durable than stamped backing cups
- Deep cutting

Benefits:

- Teeth stay sharper longer
- Faster cutting



- Smoother cuts
- Quieter cuffing
- Better chip clearance
- Eliminates need for torque driving plate
- Cuts through 2 x 4*

* Some arbors limit cutting depth to 1-3/8" / 35mm.

Prod. No. 1 per box	Prod. No. 1 per clam	Dia. (in)	Pipe Tap (in)	Pipe Entr. (in)	Use Arbor No.
30009-9L	-	9/16			1L, 4L, 5L
30010-10L	30110-K10L	5/8			1L, 4L, 5L
30011-11L	-	11/16			1L, 4L, 5L
30012-12L	30112-K12L	3/4	1/2	3/8	1L, 4L, 5L
30098-20MMHS	30198-K20MMHS	-			1L, 4L, 5L
30013-13L	-	13/16			1L, 4L, 5L
30014-14L	30114-K14L	7/8	3/4	1/2	1L, 4L, 5L
30015-15L	-	15/16			1L, 4L, 5L
30016-16L	30116-K16L	1			1L, 4L, 5L
30017-17L	30117-K17L	1-1/16			1L, 4L, 5L
30018-18L	30118-K18L	1-1/8	1	3/4	1L, 4L, 5L
30019-19L	-	1-3/16			1L, 4L, 5L
30020-20L	30120-K20L	1-1/4			2L or 6L
30021-21L	-	1-5/16			2L or 6L
30022-22L	30122-K22L	1-3/8		1	2L or 6L
30023-23L	-	1-7/16			2L or 6L
30024-24L	30124-K24L	1-1/2	1-1/4		2L or 6L
30025-25L	-	1-9/16			2L or 6L
30026-26L	30126-K26L	1-5/8			2L or 6L
30027-27L	-	1-11/16			2L or 6L
30028-28L	30128-K28L	1-3/4	1-1/2	1-1/4	2L or 6L
30029-29L	-	1-13/16			2L or 6L
30030-30L	30130-K30L	1-7/8			2L or 6L
30032-32L	30132-K32L	2		1-1/2	2L or 6L
30033-33L	-	2-1/16			2L or 6L
30034-34L	30134-K34L	2-1/8			2L or 6L
30036-36L	30136-K36L	2-1/4	2		2L or 6L
30038-38L	-	2-3/8			2L or 6L
30040-40L	30140-K40L	2-1/2		2	2L or 6L
30041-41L	-	2-9/16			2L or 6L
30042-42L	30142-K42L	2-5/8	2-1/2		2L or 6L
30043-43L	30143-K43L	-			2L or 6L
30044-44L	30144-K44L	2-3/4			2L or 6L
30046-46L	-	2-7/8			2L or 6L
30048-48L	30148-K48L	3		2-1/2	2L or 6L
30050-50L	30150-K50L	3-1/8			2L or 6L
30052-52L	30152-K52L	3-1/4	3		2L or 6L
30054-54L	-	3-3/8			2L or 6L
30056-56L	30156-K56L	3-1/2			2L or 6L
30058-58L	30158-K58L	3-5/8		3	2L or 6L
30060-60L	-	3-3/4	3-1/2		2L or 6L
30064-64L	30164-K64L	4			2L or 6L
30066-66L	30166-K66L	4-1/8		3-1/2	2L or 6L
30068-68L	-	4-1/4	4		2L or 6L
30072-72L	-	4-1/2			2L or 6L
30076-76L	30176-K76L	4-3/4	4-1/2	4	2L or 6L
30080-80L	-	5			2L or 6L
30088-88L	-	5-1/2			2L or 6L
30096-96L	-	6			2L or 6L

All Boxed Hole Saws 9/16" to 1-3/4" available in master pack of 10.
All Boxed Hole Saws 1-13/16" to 3-1/2" available in master pack of 5.

Lenox®

Hole Saws

ACCESSORIES			
Prod. No.	Desc.	Chuck Size (in)	Fits Arbor No.
30850-4321	Pilot Drill*	1/4	1L, 1SL, 2L 2SL, 4L
30851-56PD	Pilot Drill*	1/4	3L, 5L, 6L
30857-AA1	Arbor Adaptor**		1L, 1SL, 4L, 5L
30848-18X	18" Extension	1/2 & Larger	1L, 2L
30847-12X	12" Extension	1/2 & Larger	1L, 2L
30843-10X	10" Extension	3/8 & Larger	5L, 6L
30846-55X	5-1/2" Extension	1/2 & Larger	1L, 2L

1 Per Clam

* Order Pilot Drills in multiples of ten.
** Arbor Adaptors 1 per card. Order in multiples of five.



ARBORS			
Prod. No.	Fits Hole Saws	Shank Type	Chuck Size (in)
30001-1L	9L-19L	Hex	1/2 & Larger
30101-1SL	9L-19L	SDS	-
30002-2L	20L-96L	Hex	1/2 & Larger
30102-2SL	20L-96L	SDS	-
30003-3L	20L-96L	Solid/Hex	1/2 & Larger
30004-4L	9L-19L	Round	1/4 & Larger
30005-5L	9L-19L	Hex	3/8 & Larger
30006-6L	20L-96L	Hex	3/8 & Larger

1 Per Box



Hole Saw Kits

Industrial Maintenance – No. 30823-1900L

Sixteen sizes handle just about all installation, maintenance & repair jobs. One each hole saws 3/4", 7/8", 1", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 3", 3-1/4", 3-5/8", 3-3/4", 4-1/8", 4-3/4". One each arbors 1L, 2L. Three spare pilot drills. Plastic case.



Plumber – No. 30808-600P

Six sizes most commonly used for pipe tap and entrance. One each hole saws 3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4". One each arbors 2L, 4L. One spare pilot drill. One arbor adapter. Plastic case.



Electrician – No. 30821-600L

Six sizes most frequently used for pipe & conduit entrance. One each hole saws 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2". One each arbors 1L, 2L. One spare pilot drill. Plastic case.



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Hole Saw Kits (continued)

Super Electrician – No. 30822-1400L

Ten sizes needed to bring pipe & conduit through floors, ceilings, partitions and into junction boxes. One each hole saws 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2", 3", 3-5/8", 4-1/8", 4-3/4". One each arbors 1L, 2L, 4L. Three spare pilot drills. Plastic case.



Deluxe – No. 30820-1200L

Twelve popular sizes. One each hole saws 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/2", 3". One each arbors 1L, 2L. Three spare pilot drills. Plastic case.



Maintenance – No. 30807-700K

Seven preferred sizes. One each hole saws 7/8", 1", 1-1/4", 1-3/8", 1-1/2", 1-3/4", 2-1/8". One each arbors 5L, 6L. One arbor adaptor. One spare pilot drill. Plastic case.



Refrigeration – No. 30830-600R

Six sizes preferred by refrigeration professionals. One each hole saws 5/8", 7/8", 1-1/8", 1-3/8", 1-5/8", 2-1/8". One each arbors 5L, 6L. One spare pilot drill. Plastic case.



Automotive – No. 30805-500A

Five sizes used to install air conditioner hoses, door locks, sun roofs, antennas, etc. One each hole saws 3/4", 7/8", 1", 1-1/8", 1-1/4". One arbor 5L. One arbor adaptor. Plastic case.



Cutting Tools

Lenox®

Carbide Tipped Holes Saws

Features:

- Carbide tooth tips
- Tooth hardness RA 90-93
- Tooth tips welded to backing material
- 6° – 7° positive rake
- Triple chip ground tooth form
- 3 teeth per inch

Advantages:

- Precision ground angles and clearances
- 1-1/2" cutting depth
- Greater wear resistance than bi-metal
- Elimination of set collapse
- Higher heat resistance than bi-metal

Benefits:

- Smoother, concentric cuts
- Up to 10 times longer life on abrasive material
- Effectively cuts materials standard bi-metal hole saws will not
- Faster cutting rates

Note: Carbide Tipped Hole Saws use standard arbors. However, we recommend the use of a carbide tipped pilot drill when using a carbide tipped hole saw which fits the 1L, 2L or 4L arbor.



Prod. No. 1 Per Box	Prod. No. 1 Per clam	Dia. (in)	Pipe Tap (in)	Pipe Entrance (in)	Use Arbor No.
30212-12CT	31212-K12CT	3/4	1/2	3/8	1L or 4L
30214-14CT	31214-K14CT	7/8	3/4	1/2	1L or 4L
30216-16CT	31216-K16CT	1			1L or 4L
30218-18CT	31218-K18CT	1-1/8	1	3/4	1L or 4L
30220-20CT	31220-K20CT	1-1/4			2L
30222-22CT	31222-K22CT	1-3/8		1	2L
30224-24CT	31224-K24CT	1-1/2	1-1/4		2L
30226-26CT	31226-K26CT	1-5/8			2L
30228-28CT	31228-K28CT	1-3/4	1-1/2	1-1/4	2L
30232-32CT	31232-K32CT	2		1-1/2	2L
30234-34CT	31234-K34CT	2-1/8			2L
30236-36CT	31236-K36CT	2-1/4	2		2L
30238-38CT	-	2-3/8			2L
30240-40CT	31240-K40CT	2-1/2		2	2L
30242-42CT	31242-K42CT	2-5/8	2-1/2		2L
30243-43CT	31243-K43CT	-			2L
30248-48CT	31248-K48CT	3		2-1/2	2L
30525-52CT	31252-K52CT	3-1/4	3		2L
30254-54CT	-	3-3/8			2L
30256-56CT	31256-K56CT	3-1/2			2L
30258-58CT	31258-K58CT	3-5/8		3	2L
30260-60CT	-	3-3/4	3-1/2		2L
30264-64CT	31264-K64CT	4			2L
30266-66CT	31266-K66CT	4-1/8		3-1/2	2L
30268-68CT	-	4-1/4	4		2L
30272-72CT	-	4-1/2			2L
30276-76CT	31276-K76CT	4-3/4	4-1/2	4	2L
30280-80CT	-	5			2L
30288-88CT	-	5-1/2			2L
30296-96CT	-	6			2L
30297-123CT	Carbide Tipped Pilot Drill				1 Per Clam

Master-Grit® Hole Saws

Features:

- Tungsten carbide grit edge
- Grit hardness RA 90-93
- Gulletted cutting edge design
- 3/16" thick heavy-duty backing cap
- Strong steel body
- 1-5/8" cutting depth

Advantages:

- Greater heat and wear resistance than bi-metal
- Can cut hard, abrasive materials
- Longer lasting
- Eliminates the need for driving plate

Benefits:

- Cuts materials that bi-metal hole saws will not: Ceramic wall tile, glass, cast iron, fiberglass, plastic laminates, fiber reinforced cement, composites, marble and slate, other abrasive materials
- Up to 10 times the life on abrasive materials
- Faster cutting
- Smoother cutting
- Prevents snagging in thinner materials



Prod. No. 1 Per Box	Dia. (in)	Pipe Tap (in)	Pipe Entrance (in)	Use Arbor No.
29912-12CG	3/4	1/2	3/8	1L or 4L
29998-20MMCG	-	-	-	1L or 4L
29914-14CG	7/8	3/4	1/2	1L or 4L
29916-16CG	1			1L or 4L
29918-18CG	1-1/8	1	3/4	1L or 4L
29920-20CG	1-1/4			2L
29922-22CG	1-3/8		1	2L
29924-24CG	1-1/2	1-1/4		2L
29928-28CG	1-3/4	1-1/2	1-1/4	2L
29932-32CG	2		1-1/2	2L
29934-34CG	2-1/8			2L
29936-36CG	2-1/4	2		2L
29938-38CG	2-3/8			2L
29940-40CG	2-1/2		2	2L
29941-41CG	2-9/16			2L
29942-42CG	2-5/8	2-1/2		2L
29943-43CG	-			2L
29948-48CG	3		2-1/2	2L
29952-52CG	3-1/4	3		2L
29958-58CG	3-5/8		3	2L
29964-64CG	4			2L
29966-66CG	4-1/8		3-1/2	2L

1 Per Box

Master-Grit® Recessed Lighting Hole Saws

Features:

- Tungsten carbide grit edge
- Grit hardness RA 90-93
- Continuous carbide edge
- Strong steel body
- 1-5/8" cutting depth

Advantages:

- Greater heat and wear resistance than bi-metal
- Longer lasting
- No snagging or binding
- Faster cuffing

Benefits:

- Cuts materials that bi-metal will not: Plaster, drywall, plywood, acoustic tile, ceiling tile, stucco with wire mesh support, plaster with lath
- Up to 10 times the life than bi-metal
- Smooth cutting
- Saves time
- Improves productivity



Prod. No.	Dia. (in)
30861-438RL	4-3/8
30862-638RL	6-3/8
30863-658RL	6-5/8
30864-678RL	6-7/8

1 Per Box

Lenox® Leader® Automatic Feed Wood Bits

Features:

- Outside diameter threads
- Replaceable lead screws
- Forged body
- Precision ground
- 4-1/2" shank length
- 5-1/2" overall length
- Fits 1/2" drill chuck & larger
- Shank indentations for extension bar set screws

Advantages:

- Self-feeding
- Easy to change
- Stronger construction
- Sharpenable with file
- Produces very clean hole
- Deeper cutting
- Eliminates need for additional extension
- Bit will not disengage from extension during use



Benefits:

- Faster drilling
- Less effort required
- Longer life
- Economical
- Cuts tough wet wood
- Cuts hardwoods
- Cuts through 4A without extension
- Reduces time spent on the job
- Good for hard-to-get-at places

Prod. No.	Dia. (in)	Entrance for Pipe & Rigid Conduit (in)	Entrance for Tubing (in)	
33100-LL100	1	1/2	7/8	
33112-LL112	1-1/8	1/2	1	
33125-LL125	1-1/4	3/4	1-1/8	
33137-LL137	1-3/8	1	1-1/4	
33150-LL150	1-1/2		1-3/8	
33175-LL175	1-3/4	1-1/4	1-1/2	
33200-LL200	2	1-1/2	1-7/8	
33212-LL212	2-1/8		2	
33225-LL225	2-1/4		2-1/8	
33256-LL256	2-9/16	2	2-1/2	
33300-LL300	3	2-1/2	2-7/8	
33362-LL362	3-5/8	3	3-1/2	
33462-LL462	4-5/8	4	4-1/2	
33900-12LS	Leader Lead Screws (fits LL100-LL256)			5/Blister
33901-34LS	#34 Leader Lead Screws (fits LL300-LL462)			1/Blister
33989-12SS	Leader Set Screws (fits LL100-LL256)			5/Poly Bag
33902-34SS	#34 Leader Set Screws (fits LL300-LL462)			5/Poly Bag
32985-HWS	Hex Wrench Set		1 ea. 1/8", 5/32"	/Pouch
30846-55X	Shank Extension * 5-1/2"			1/Clam
30847-12X	Shank Extension * 12"			1/Clam
30848-18X	Shank Extension * 18"			1/Clam
32510-STF	Slim Taper File w/ Handle			1/Box
1 Per Clam				
* All have 1/2" hex shank with 2 set screws to lock leader in place.				

Ship Auger Bits

Features:

- Perfectly concentric shape
- Wide flat spiral
- Precision machined from a special alloyed high carbon steel
- Inside hollow twist design
- 1/2" hex shank adapts to standard Lenox extensions
- Shank indentations for extension bar set screws
- Sharp, finely honed cutting edges

Advantages:

- Cuts through nails
- Assures accurate tracking
- Takes just seconds to bore through a 12" wide wooden beam
- Does not wobble
- Clears chips from the sides of the hole

Benefits:

- Low cost per hole
- Smoother cutting and easy chip flow
- Diminishes clogging and binding
- Does not slip in drill chuck



Ship Auger Bits (continued)

7-1/2" Auger Bits		18" Auger Bits	
Prod. No.	Hole Dia. (in)	Prod. No.	Hole Dia. (in)
31030-07A-1016	5/8	31009-008-0916	9/16
31031-07A-1116	11/16	31010-008-1016	5/8
		31011-008-1116	11/16
31032-07A-1216	3/4	31012-008-1216	3/4
31033-07A-1316	13/16	31013-008-1316	13/16
31034-07A-1416	7/8	31014-008-1416	7/8
31035-07A-1516	15/16	31015-008-1516	15/16
31036-07A-1616	1	31016-008-1616	1
31037-07A-1716	1-1/16	31017-008-1716	1-1/16
31038-07A-1816	1-1/8	31018-008-1816	1-1/8
31040-07A-2016	1-1/4	31020-008-2016	1-1/4
31042-07A-2216	1-3/8	31022-008-2216	1-3/8
31044-07A-2416	1-1/2	31024-008-2416	1-1/2
31055-V-7-AB	Ship Auger File		1 Per Blister / 5 Per Box
1 Per Tube			

Portable Band Saw Blades Master Band®

Features:

- Bi-metal construction
- Matrix II type alloy high speed steel cutting edge (8% cobalt edge)
- Tooth hardness Rc 66-68
- Vari-Tooth or standard tooth forms available

Advantages:

- Tough shock resistant alloy with less tooth chippage
- Withstands higher cutting temperatures than M-2 or carbon steel blades

Benefits:

- Lasts longer on interrupted cuts and mild to difficult to machine materials
- Attains higher productivity than M-2 or carbon steel blades



Length x Width x Thickness (in)	Prod. No.	Teeth Per Inch
3' 8-7/8" (44-7/8") x 1/2" x .020	80114-38-EW-10/14	10/14
	80115-38-EW-14	14
	80112-38-EW-14/18	14/18
	80116-38-EW-18	18
	80117-38-EW-24	24
3' 8-7/8" (44-7/8") x 1/2" x .025	80143-385-EW-8/12	8/12
	80144-385-EW-10/14	10/14
	80145-385-EW-14	14
	80142-385-EW-14/18	14/18
	82310-385-EW-18	18
4' 5-3/4" (53-3/4") x 1/2" x .020	80119-45-EW-10/14	10/14
	80120-45-EW-14	14
	80123-45-EW-14/18	14/18
	80121-45-EW-18	18
	80122-45-EW-24	24
4' 5-3/4" (53-3/4") x 1/2" x .025	80146-455-EW-10/14	10/14
	80147-455-EW-14/18	14/18
4' 6" (54") x 1/2" x .025	80148-54-EW-6/10	6/10
	80723-54-EW-8/12	8/12
	80724-54-EW-10/14	10/14
	80141-54-EW-14/18	14/18
	80150-54-EW-18	18

Tungsten Grit Edge Portable Band Saw Blades available upon request.

Portable Power Hacks

Features:

- Bi-metal construction
- M-2 high speed steel cutting edge
- Tooth hardness Rc 64-66
- Std. tooth form

Advantages:

- Virtually shatterproof
- High wear resistance

Benefits:

- Straighter cuts • Longer blade life
- Safer than solid high speed steel blades



Prod. No.	L x W x T (in)	Teeth Per Inch
22705-814PPH	8 x 1-1/4 x .062	14
22715-1214PPH	12 x 1-1/4 x .062	14
22725-1614PPH	16 x 1-1/4 x .062	14
22735-2114PPH	21 x 1-1/4 x .062	14
22738-2414PPH	23-5/8 x 1-1/4 x .062	14
22748-3014PPH	30-5/16 x 1-1/4 x .062	14

For use on all popular pneumatic and electrical portable hacksaw machines. (Widder, Fen & Kreig). Used by refineries, chemical companies & utility companies.

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M.K. Morse®

M.K. Morse

Bi-Metal Hand Hack Saw Blades

Applications:

- Pipe, tubing & solids
- Cuts wood, plastic or any machinable metal; including conduit, stainless steel tubing, angle iron, copper tubing, structural materials, etc.

Features:

- Bi-metal Construction
- Tooth Hardness Rc 65-67
- Vacuum Heat Treatment

Advantages:

- Flexibility
- Increased Heat & Water Resistant
- Higher Edge Hardness than other Heat Treatment Methods

Benefits:

- Will Not Shatter
- Long Life
- Safe Operation
- Faster Cutting
- Labor Savings



Desc. (in)	TPI	Prod. No.
10 x 1/2 x .025	18	HHB1018
10 x 1/2 x .025	24	HHB1024
10 x 1/2 x .025	32	HHB1032
12 x 1/2 x .025	14	HHB1214
12 x 1/2 x .025	18	HHB1218
12 x 1/2 x .025	24	HHB1224
12 x 1/2 x .025	32	HHB1232
12 x 1/2 x .025	14/18	HHB121418
12 x 1/2 x .025	20/24	HHB122024
12 x 1/2 x .025	26/32	HHB122632

Power Hack Saw Blades

- Bi-metal power blades, consisting of a high speed cutting edge welded to an alloy back, meet all plant safety requirements for long-lasting service under average shop cutting conditions.

- To select proper tooth spacing, three teeth minimum must be in contact with the work at all times.



L x W x T (in)	Prod. No.	Teeth
12 x 5/8 x .023	PHW125814	14
	PHW125818	18
12 x 1 x .050	PHW1205010	10
	PHW1205014	14
14 x 1 x .050	PHW1405010	10
	PHW1405014	14
14 x 1-1/4 x .062	PHW1406206	6
	PHW1406210	10
14 x 1-1/2 x .075	PHW1407504	4
	PHW1407506	6
17 x 1 x .050	PHW1705010	10
	PHW1705014	14

L x W x T (in)	Prod. No.	Teeth
17 x 1-1/4 x .062	PHW1706206	6
	PHW1706210	10
18 x 1-1/4 x .062	PHW1806206	6
	PHW1806210	10
18 x 1-1/2 x .075	PHW1807504	4
	PHW1807506	6
18 x 1-3/4 x .088	PHW1808804	4
	PHW1808806	6
21 x 1-3/4 x .088	PHW2108804	4
	PHW2108806	6
24 x 2 x .100	PHW2410004	4

10 Blades per Box

Reciprocating Saw Blades

Bi-Metal (1/2" Shank) Blades

Features:

- Matrix II Cutting Edge
- Tooth Hardness Rc- 65-67
- 8% Cobalt
- Vacuum Heat Treatment with Special Temper Process
- 3/4" Width with .035" & .050" Thickness (thicker & wider than some competitors blades)

Advantages:

- Shock Resistant Teeth
- High Edge Hardness
- More Wear Resistance
- High Heat Resistance
- Greater Rigidity

Benefits:

- Resists Tooth Stripping
- Long Life
- Expects more Feed Pressure for Faster Cutting with Less Distortion



- continues -

MORSE
THE M. K. MORSE COMPANY

MK Morses whole business is making saw blades for professionals. They make blades that last longer, cut smoother and do every conceivable cutting job. They make them for plumbers, electricians, carpenters, industrial manufacturers, steel service centers, and anyone who uses cutting tools. MK Morse makes it their job to never, ever, let these people down. Toward this end they have continually invested in better research and development, better manufacturing processes, better raw materials and better warehousing facilities. The result is a wide-ranging product line that offers professionals blades that work better and last longer.

M.K. Morse®

Bi-Metal (1/2" Shank) Blades (continued)

Recommended Use	L x W x T (in)	Teeth per In.	Prod. No	Blade Shape
WOOD:				
Wood, nail-embedded wood, all composition material.	6 x 3/4 x .035	6	RB606ST	
General rough-in, all woods, nail-embedded woods.	6 x 3/4 x .035	6	RB63506	
	9 x 3/4 x .035	6	RB93506	
	12 x 3/4 x .035	6	RB123506	
	6 x 3/4 x .050	6	RB65006	
	9 x 3/4 x .050	6	RB95006	
12 x 3/4 x .050	6	RB125006		
WOOD & METAL:				
Heavy gauge metal, rubber & fiber, nail-embedded wood.	4 x 3/4 x .035	10/14	RB41014	
General purpose, metal cutting, nail-embedded woods.	12 x 3/4 x .035	10/14	RB121014	
Wood, nail-embedded wood, compositions, plastic, cast aluminum & non-ferrous metals.	6 x 3/4 x .035	10	RB610	
	12 x 3/4 x .035	10	RB1210	
All woods, composition materials, plastic, nail-embedded wood, cast aluminum, light-gauge metals.	8 x 3/4 x .035	10	RB810	
	10 x 3/4 x .035	10	RB1010	
Wood, nail-embedded wood, compositions, plastic, metals 1/8" & above.	6 x 3/4 x .035	10/14	RB61014	
Wood/metal.	6 x 3/4 x .050	10/14	RB650104	
General purpose, metal cutting, nail-embedded woods.	8 x 3/4 x .035	10/14	RB81014	
METAL:				
Heavy gauge metals 1/8" thick & above. Barstock & angles.	4 x 3/4 x .035	14	RB414	
	6 x 3/4 x .035	14	RB614	
	12 x 3/4 x .035	14	RB1214	
Heavy gauge metals 1/8" thick & above. Barstock & angles	8 x 3/4 x .035	14	RB814	
Heavy gauge metals of 18 gauge to 1/8" thick conduit, pipe, channels & tubing.	4 x 3/4 x .035	18	RB418	
	6 x 3/4 x .035	18	RB618	
	12 x 3/4 x .035	18	RB1218	
Heavy gauge metals, conduit & tubing 18 gauge to 1/8" thick	8 x 3/4 x .035	18	RB818	
Metal cutting 18 gauge & under. Trim & tubing. Galvanized pipe under 18 gauge.	4 x 3/4 x .035	24	RB424	
	6 x 3/4 x .035	24	RB624	
SPECIAL PURPOSE:				
Plaster w/ metal lath, plasterboard, sheet rock, plaster walls. Tooth design cuts both forward & on back stroke.	6 x 3/4 x .035	6	RB606P	
General rough-in scroll cuts, all woods, nail-embedded woods.	6 x 7/16 x .050	6	RB65006C	
Scroll cuts in wood & cast aluminum, non-ferrous metals.	3 x 5/16 x .035	18	RB318S	
For soil pipe.	8 x 3/4 x .050	10/14	RB8501014	
General rough-in, all woods, nail-embedded woods.	12 x 3/4 x .050	10/14	RB12501014	

Tooth Style = Milled

Reciprocating Saw Blades Tungsten Carbide Tipped Blades

Recommended Use	L x W x T (in)	Teeth per In.	Prod. No	Blade Shape
Special Purpose:				
Plaster over lath, fiberglass, wood & non-ferrous metal	6 x 3/4 x .050	3	RTCT603	
	6 x 3/4 x .050	6	RTCT606S	
	9 x 3/4 x .050	3	RTCT903	
	9 x 3/4 x .050	6	RTCT906	
	12 x 3/4 x .050	3	RTCT1203	
	12 x 3/4 x .050	6	RTCT1206	

Universal Shank Sabre/Jig Saw Blades Bi-Metal Blades

Recommended Use	L x W x T (in)	Teeth per In.	Prod. No	Blade Shape
WOOD:				
Wood, Fiber Board, Asbestos, Coarse Cut	4 x 3/8 x .035	6	SB3606	
Wood, Plywood, Hard-Board	4 x 3/8 x .035	10	SB3610	
WOOD & METAL:				
Non-Ferrous Metals, Fiberglass, Hard Rubber, Nail-Embedded Wood.	4 x 3/8 x .035	14	SB3614	
METAL:				
Metal 18 Gauge & under.	3 x 3/8 x .035	18	SB2718	
Metal & Non-Ferrous Metal up to 1/8"	3 x 3/8 x .035	24	SB2724	
SPECIAL PURPOSE:				
Scroll - Metal 18 Gauge & under.	2-3/4 x 3/16 x .035	18	SB2718S	

Tooth Style = Milled

Bosch Shank Sabre/Jig Saw Blades Bi-Metal Blades

Recommended Use	L x W x T (in)	Teeth per In.	Prod. No	Blade Shape
WOOD:				
Wood, Fiber Board, Asbestos, Roughing Work	4 x 5/16 x .040	6	SB046	
General Purpose - Wood Cutting, Compositions, Plastic.	4 x 5/16 x .035	8	SB0408	
All Woods, Composition Material, Plastics, Plywood	4 x 5/16 x .035	10	SB0410	
Softwood, Hardwood, Plywood, Chipboard, Plastic up to 1" Thick. Very Clean Cutting - Long Life Blade	4 x 5/16 x .050	10	SB0410CC*	
WOOD & METAL:				
Softwood, Aluminum, Non-Ferrous Metal up to 3/8", Plastic, Sandwich Material up to 3-3/4", Extra Long Blade	5-1/4 x 5/16 x .042	12	SB0512L	
METAL:				
Steel & Non-Ferrous Metal 1/8" Thick & Up.	3 x 2/8 x .035	14	SB0314	
Metals Over 18 Gauge, Tubing, Conduit	3 x 3/8 x .035	18	SB0318	
Soft Steel, Aluminum, Non-Ferrous Metal up to 1/8", Sandwich Material up to 3-3/4". Extra Long Blade	5-1/4 x 5/16 x .042	21	SB0521L	
Thin Metals, Plastic, Fine Cuts Under 18 Gauge	3 x 3/8 x .035	24	SB0324	

Tooth Style = Milled * Cross Sharpened Conical Ground

Bayonet Shank Sabre/Jig Saw Blades Bi-Metal Blades

Recommended Use	L x W x T (in)	Teeth per In.	Prod. No	Blade Shape
WOOD:				
Wood, Plastic, Compositions	3 x 3/8 x .035	6	SBB306	
Wood, composition non-ferrous metals, medium - smooth finish	3 x 3/8 x .035	10	SBB310	
WOOD & METAL:				
Steel & non-ferrous metals 1/8" thick & above - plastic, asbestos, fiberglass, hard rubber & fiber	3 x 3/8 x .035	14	SBB314	
METAL:				
Metal over 1/8" thick, plastic, fiberglass.	1-3/4 x 1/4 x .035	14	SBB214	
Heavy gauge metal - 18 gauge to 1/8".	1-3/4 x 1/4 x .035	18	SBB218	
Metal - 18 gauge & under.	1-3/4 x 1/4 x .035	24	SBB224	

Tooth Style = Milled

Cutting Tools

M.K. Morse®

Band Saw Blade Characteristics

There are hundreds of band saw machine models in use today and tens of thousands of potential band saw blade specifications. Yet for each application, there is one "best" blade. Each of the following variables must be considered in selecting that best band saw blade specification for a given application.

LENGTH - Band saw length varies by machine model. Blades are available custom welded to fit specific machines or in coil form for distributor or user welding. Blade length may be specified in either inches (e.g. 150") or in feet (e.g. 12'6"). Morse uses the foot designation.

WIDTH - Most machines accept one width only. The following should be considered for machines that can accommodate multiple widths.

- Wider blades allow more tension and more feed pressure for faster and straighter cuts in production applications.
- In contour sawing on vertical machines, the smaller the radius in a given pattern, the narrower the blade required.

TOOTH PITCH - Pitch determines the number of teeth per inch for a given cross section to be cut. More teeth per inch are needed for thin materials and fewer teeth per inch for thicker materials. Ideally, 6-10 teeth should be in contact with the work in metal cutting, while more teeth may be required for harder materials or a smoother finish. There should never be fewer than three teeth in contact with the work for bi-metal and six teeth for carbon.



- **Standard Pitch** - A single, constant size and shape throughout the length of the blade or coil.



- **Variable Pitch** - Tooth and gullet size vary in progressive intervals through the length of the blade or coil. Varying tooth size reduces vibration for quieter, more efficient cutting.

TOOTH FORM:

- **Straight** - A straight (0°) tooth face for metals with easy to moderate machinability or for applications with varying tooth loads such as pipe and structural materials.
- **Positive Rake** - Teeth "lean" into the work via a 5 to 10° rake angle, for more aggressive cutting in moderate to difficult to machine materials.



TOOTH TYPE:



- **Standard** - Available in carbon and bi-metal, it features a 0° rake angle and constant tooth pitch for general purpose sawing in a wide range of applications.



- **Variable Pitch** - Available in bi-metal only. Standard variable pitch features a 0° rake angle with varying tooth and gullet sizes for smooth and more efficient cutting in both solid and structural materials.



- **Variable Pitch - Positive Rake** - Available in bi-metal only, these blades offer a 10° positive rake angle for faster, more aggressive cutting in thicker, harder to machine materials.



- **Skip** - Available in carbon only. Wide, flat, shallow gullets for efficient chip removal in large sections of non-ferrous metals or non-metallic materials.



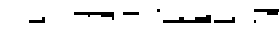
- **Hook** - Available in carbon and bi-metal. 10° positive rake angle and rounded gullets allow for faster, more aggressive cutting with less feed pressure than straight face blades in both hard to cut metals and wood.

Band Saw Blade Characteristics

TOOTH SET - The teeth of most saw blades are offset to each side so that the cut or "kerf" is wider than the blade body. The set prevents the back of the blade from binding in the work.



- **Raker** - Available in both carbon and bi-metal and used for most standard, skip, and hook form specifications. Teeth are set in a recurring pattern - right, left, straight - with the straight tooth clearing or "raking" the chips from the work.



- **Wavy** - Available in finer carbon and bi-metal tooth specifications. Teeth are set in a "wave" pattern reducing impact on individual teeth and increasing contact area with the work. The wave pattern allows better finish and reduces the risk of tooth damage in thin walled materials.



- **Alternate (ETS)** - Used primarily in carbon specialty furniture blades, all teeth are set alternately to the left and right. Each tooth cuts resulting in faster, smoother cutting in wood and select non-ferrous alloy and non-metallic applications.



- **Modified Raker** - The primary set pattern used in bi-metal variable pitch blades. Unlike the standard raker design, where every third tooth "rakes", modified raker features a straight or "raker" tooth only after 4 or 6 set teeth.

Variables Affecting Blade Selection

Variable	Options	Blade Choice	Considerations
Machine Size	Blade Length	Determined by Model (300+ Options)	Larger Machines - More capacity (larger pieces), more control, higher production. Small machines - low cost.
	Blade Width(s)	1 - 8 Widths per Model	Wide blades - more tension, feed pressure for faster, straighter cut-off. Narrow widths - allow tight curved cuts or vertical machine.
Frequency of use	Production Cutting in Metal	Bi-Metal Matrix or M42	Bi-Metal allows higher cutting speed, more feed pressure for faster cutting, greater resistance to wear & lower cost per cut.
	Production Cutting in Wood	Carbon Hard Edge Flexible Back or Hard Edge Hard Back	HEF, HB blades can withstand high production rates due to low heat generation in wood.
	Occasional Use/ Various Apps. (Maintenance in Wood or Metal)	Carbon Hard Edge Flexible Back or Hard Edge Hard Back	Differing materials & applications subject blades to conditions which can destroy carbon or bi-metal blades. Cutting rates are not critical. Okay to run carbon blades at lower speeds.
Type of Materials	Easy to Cut Materials Easier Manageability	Carbon Hard Edge Flex Back or Hard Edge Hard Back or Bi-Metal Matrix	Low blade cost; high cost per cut. Low blade cost; better performance on larger machines. Higher blade cost; lower cost per cut.
	Hard to Machine Metals (i.e. Stainless, Special Alloys, etc.)	Bi-Metal M42	Only Bi-Metal blades offer heat resistance & wear resistance Capable of cutting materials of moderate to difficult machinability.
	Wood or Easy to Cut Material	Carbon hard Edge Flexible Back or Hard Edge Hard Back	Can achieve good cost per cut due to easy cutting.
Dimensions/ Shapes of Material	Various Dimensions of Solids	Min. 3 Teeth in contact w/work at all times	Ideal is 6-10 teeth in contact w/work. Use finer pitch for harder materials. Too few teeth per inch can destroy teeth.
	Interrupted Cuts Pipe, Angle, I-Beam, etc.)	Determine TPI by Wall Thickness rather than nominal pipe or angle size.	For production sawing in interrupted, irregular shapes use Variable Pitch tooth pattern if possible.
Finish	Fine Finish	Fine Pitch (More TPI)	Fine finish from fine pitch will slow production rate.
	Rough Finish	Coarse Pitch	Faster cutting but rougher cut.
Speed of Cut	Fast Cutting	Coarse Pitch	Rough Cuts.
	Slow Cutting	Fine Pitch	Slow cutting will also help to prevent dulling of carbon blades in some harder materials.

M.K. Morse®

Bi-Metal Band Saw Blades

Bi-Metal – Matrix II – (BIM-MTX)

Features:

- Matrix II High Speed Steel Edge
- Tooth Hardness Rc 66-68
- 8% Cobalt
- Alloy Steel Backer
- Positive Rake

Benefits:

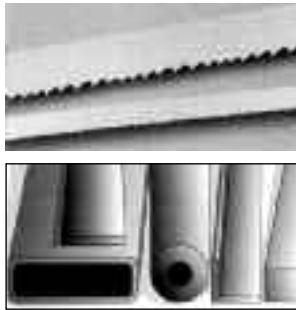
- Longer Life than Carbon Blades
- Higher Production
- Faster Cutting

Applications:

- General purpose bi-metal for efficient production culling of materials with mild to moderate machinability.
- Solids, shapes, tubing and structural materials.
- Best choice for bundled or stacked pieces.
- Cuts alloy steels (annealed or heat treated), tool steels, stainless steels, air hardening die steels.

Advantages:

- High Heat Resistance
- High Wear Resistance
- Prevents Tooth Damage
- Fatigue Resistant
- Increased Tooth Penetration



Width x Thickness (in)	Teeth Per Inch				
	Std. Tooth Raker Set	Wavy Set	Variable Pitch	Variable Pitch Positive Rake	Hook Tooth
1/4 x .025	10,14		10/14		6
3/8 x .025	8,10,14				4
1/2 x .020	10	14,18,24	10/14, 14/18, 20/24		
1/2 x .025	6,10,14,18		6/10, 8/12, 10/14, 14/18		3,4
5/8 x .035	10,14		5/8, 6/10, 10/14		
3/4 x .035	6,8,10,12,14		5/8, 6/10, 8/12, 10/14	4/6	3
1 x .035*	4,6,8,10,14		3/4, 4/6, 5/8, 6/10, 8/12, 10/14	3/4, 4/6	3
1-1/4 x .042*	4,6		3/4, 4/6, 5/8, 6/10, 8/12	3/4, 4/6	2,3
1-1/2 x .050*			2/3, 3/4, 4/6, 5/8	2/3, 3/4, 4/6	

Bi-Metal Band Saw Blades

Bi-Metal – M42 Cobalt – (BIM-M42)

Features:

- M42 High Speed Steel Cutting Edge
- Tooth Hardness Rc 67-69
- 8% Cobalt
- Alloy Steel Backer

Advantages:

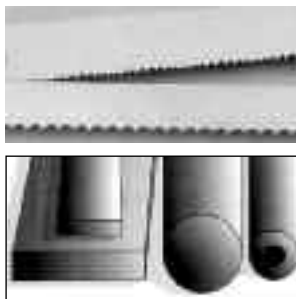
- High Heat Resistance
- High Wear Resistance

Benefits:

- Long Life on Difficult to Cut Materials
- Less Blade Changes
- Highest Production Rates in Select Materials

Applications:

- For the toughest production cutting jobs in controlled cutting conditions.
- Efficient cutting in solids with very low machinability.
- NOT recommended for structural materials, stacked or bundled materials or for machines with varied applications or operators.
- Cuts "super" alloys, tool steels, "D" grade steels, etc.



Width x Thickness (in)	Teeth Per Inch				
	Std. Tooth Raker Set	Variable Pitch Regular	Variable Pitch Positive Rake	Hook Tooth	
3/4 x .035		6/10			
1 x .035*	4,6,8	5/8, 6/10	2/3, 3/4, 4/6	3,4	
1-1/4 x .042*	4,6	5/8	2/3, 3/4, 4/6	3,4	
1-1/2 x .050*	4	5/8	2/3, 3/4, 4/6		

* Bi-Metal bands marked 1", 1-1/4", & 1-1/2" are oversized to fit both U.S. & metric saws.	Description (in)	
	Nominal Size	Actual Size
	1"	1.083"
	1-1/4"	1.360"
	1-1/2"	1.635"

Carbon Band Saw Blades

Carbon – Hard Edge – Flexible Back (HEF)

Features:

- One Piece Construction
- Tooth Hardness Rc 64-67
- Back Hardness Rc 28-35

Advantages:

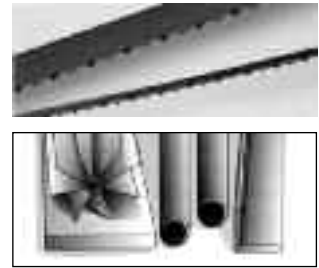
- Fatigue Resistant even at High Speeds

Benefits:

- Low Cost
- Good Wear Resistance in Select Applications

Applications:

- For small light duty machines with occasional use.
- For tool rooms and general maintenance areas.
- General purpose cutting of mild steels and non-ferrous metals.
- Cuts wood, plastic, cork, fiberglass, graphite, aluminum, brass, bronze, cast iron, copper, lead, zinc, etc.



Width x Thickness (in)	Teeth Per Inch					
	Std. Tooth Raker Set	Std. Tooth Wavy Set	Skip Tooth	Hook Tooth Raker	Hook Tooth ETS	
3/16 x .025	10,14,18,24		4			
1/4 x .014	14,18	24,32	6			
1/4 x .020				4	4	
1/4 x .025	8,10,12,14,18,24	32	4,6	4,6	4	
3/8 x .014	14	24,32	6			
3/8 x .025	8,10,14,18,24		3,4	3,4,6	3	
1/2 x .020	6,8,10	14,18,24		3		
1/2 x .025	6,8,10,14,24,32	10,14,18,24,32	3,4	3,4,6	3	
5/8 x .032	8,10,14,18	10,14		3,4,6	4	
3/4 x .032	6,8,10,12,14,18	8,10,12,14,18	3,4	2,3,4,6	3	
1 x .035	6,8,10,14	10,14	2,3	1,3,2,3,4,6	3	
1 x .042				1,3		
1-1/4 x .035				1,14,1,3		
1-1/4 x .042				1,0,1,14,1,3		
2 x .035				1,3		

Carbon Band Saw Blades

Carbon – Hard Edge – Hard Back (HB)

Features:

- One Piece Construction
- Tooth Hardness Rc 64-67
- Back Hardness Rc 42-48

Advantages:

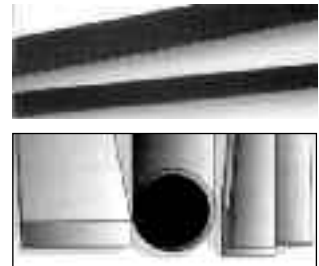
- Accepts Heavier Feed Pressure and Blade Tension than HEF

Benefits:

- Faster Cutting Rate
- Straighter Cuts

Applications:

- Light to medium production and non-production work on small to mid-sized machines.
- Cuts cold rolled steel, carbon tool steels, annealed steels, solids, structurals, brass, bronze, cast iron, lead, zinc.



Width x Thickness (in)	Teeth Per Inch				
	Std. Tooth Raker Set	Std. Tooth Wavy Set	Skip Tooth	Hook Tooth Raker	
3/16 x .025	10,14,18		4		
1/4 x .025	10,14,18,24	32	4,6	4,6	
3/8 x .025	8,10,14,18	18	3,4	3,4,6	
1/2 x .020	14,24				
1/2 x .025	6,10,14,18,24	10,14,18,24	3,4	3,4,6	
5/8 x .032	8,10,14,18			4,6	
3/4 x .032	6,8,10,12,14,18	8,10,12,14,18	3,4	3,6	
1 x .035	6,8,10,14	10	3	2,3,4	
1-1/4 x .035				1,3	
1-1/4 x .042				1,3	

Cutting Tools

M.K. Morse®

Portable Band Saw Blades

Bi-Metal Blades

Features:

- Bi-Metal Construction
- Rc 65-67 Matrix II Cuffing Edge
- Variable or Standard Pitch

Benefits:

- Long Life
- Reduced Breakage
- Faster Cutting and Longer Life

Applications:

- Fit all standard portable band saw machines.
- For pipe, tubing and solids.
- Cut any machinable metal, including conduit, angle iron, structurals, rebar, stainless steel tubing, etc.

Advantages:

- High Resistance to Heat & Wear
- High Shock Resistance
- Variable Pitch Reduces Vibration



Length (in)	TPI	Prod. No.	Set
Variable Pitch			
44-7/8 x 1/2 x .020	10/14	ZWEP441014M	Wavy
44-7/8 x 1/2 x .020	14/18	ZWEP4411418M	Wavy
44-7/8 x 1/2 x .020	20/24	ZWEP44024M	Wavy
53-3/4 x 1/2 x .020	10/14	ZWEP531014	Wavy
Standard Pitch			
44-7/8 x 1/2 x .020	10	ZWEP4410R	Raker
44-7/8 x 1/2 x .020	14	ZWEP4414W	Wavy
44-7/8 x 1/2 x .020	18	ZWEP4418W	Wavy
44-7/8 x 1/2 x .020	24	ZWEP4424W	Wavy
53-3/4 x 1/2 x .020	10	ZWEP5310R	Raker
53-3/4 x 1/2 x .020	14	ZWEP5314W	Wavy
53-3/4 x 1/2 x .020	18	ZWEP5318W	Wavy
53-3/4 x 1/2 x .020	24	ZWEP5324W	Wavy

Hole Saws - "AV" Bi-Metal

Features:

- Bi-Metal Construction
- M3 Cutting Edge
- 4/6 Variable Pitch
- Positive Rake
- 1-1/2" Cutting Depth
- Separate Arbor Required

Benefits:

- Teeth Stay Sharp
- Long Life
- Smoother Cuts
- Fast Cutting
- Cuts Through 2" x 4"s

Applications:

- Cut holes in wood, plastic, or any machinable metal, including: nail-embedded wood, plywood, pipe, stainless steel, etc.

Advantages:

- Shock Resistant Teeth
- Higher Wear Resistance
- Reduces Vibration
- Better Chip Clearance



Diameter* (in)	Prod. No.	Pipe Tap Size (in)	Pipe Ent. Size (in)
9/16	14	AV09	
5/8	16	AV10	
*	16	AV105	
11/16	17	AV11	
3/4	19	AV12	3/8
*	20	AV125	
13/16	21	AV13	
7/8	22	AV14	3/4
15/16	24	AV15	1/2
*	25	AV155	
1	25	AV16	
1-1/16	27	AV17	
1-1/8	29	AV18	1
*	30	AV185	3/4
1-3/16	30	AV19	
1-1/4	32	AV204	
1-3/8	35	AV224	
1-1/2	38	AV244	
1-1/4	38	AV20	
*	32	AV205	
1-5/16	33	AV21	
1-3/8	35	AV22	1
*	35	AV225	
1-7/16	37	AV23	
1-1/2	38	AV24	1-1/4
1-9/16	40	AV25	
*	40	AV255	
1-5/8	41	AV26	
1-11/16	43	AV27	
1-3/4	44	AV28	1-1/2
*	45	AV285	1-1/4
1-13/16	46	AV29	
1-7/8	48	AV30	
*	50	AV315	

Diameter* (in)	Prod. No.	Pipe Tap Size (in)	Pipe Ent. Size (in)
2	51	AV32	1-1/2
2-1/16	52	AV33	
2-1/8	54	AV34	
*	55	AV345	
2-1/4	57	AV36	2
2-5/16	59	AV37	
2-3/8	60	AV38	
2-1/2	64	AV40	2
2-9/16	65	AV41	
2-5/8	67	AV42	2-1/2
*	68	AV425	
*	68.5	AV435	
2-3/4	70	AV44	
2-7/8	73	AV46	
*	75	AV475	
3	76	AV48	2-1/2
3-1/8	79	AV50	
3-1/4	83	AV52	3
3-3/8	86	AV54	
3-1/2	89	AV56	
3-5/8	92	AV58	3
3-3/4	95	AV60	3-1/2
3-7/8	98	AV62	
*	100	AV63	
4	102	AV64	
4-1/8	105	AV66	3-1/2
4-1/4	108	AV68	
4-3/8	111	AV70	
4-1/2	114	AV72	4
4-3/4	121	AV76	4-1/2
5	127	AV80	
5-1/2	140	AV88	
5-3/4	146	AV92	
6	152	AV96	

Bi-Metal Variable Pitch Hole Saw Kits

AV100 Maintenance Kit - Designed for plumbers, electricians, industrial and general purpose maintenance, this kit contains 9 plumbing and electrical sizes for pipe and conduit through 2". Contains (1 each): 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2". Kit also includes 1 each: M24K, M44, M45P arbors and 12" extension.



AV100

AV02E Electricians Kit - Designed for electricians, this kit contains pipe entrance sizes for pipe and conduit through 2". Contains (1 each): 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2". Kit also includes 1 each: M44 and M45P arbors.

AV05M Mechanics Kit - This kit offers the 5 most popular hole saw sizes. Applications in construction, industry, and automotive. Contains (1 each): 7/8", 1", 1-1/8", 1-1/4", 1-1/2". Kit also includes 1 M34 arbor.

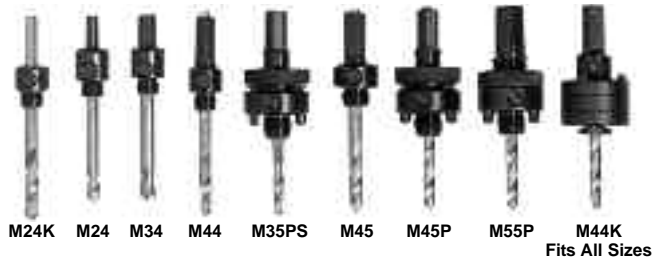
AV04P Plumbers Kit - Designed for plumbers, this kit contains pipe tap sizes for pipe through 2". Contains (1 each): 3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4". Kit also includes 1 each: M44 and M45P arbors.

AV08E Master Electricians Kit - Pipe entrance sizes for pipe and conduit through 4". Contains (1 each): 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2", 3", 3-5/8", 4-1/8", 4-1/2". Kit also includes 1 each: M24K, M44, and M45P arbors.

AV06I Industrial Kit - Designed for a broad range of industrial applications, this kit contains 15 plumbing and electrical sizes for pipe and conduit through 4". Contains (1 each): 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 3", 3-1/4", 3-5/8", 3-3/4", 4-1/4", 4-1/2". Kit also includes 1 each: M24K, M44, M45P arbors and 12" extension.

AV09E Special Electricians Kit - Pipe entrance sizes for 2-1/2", 3", 3-1/2", 4" pipe. Contains (1 each): 3", 3-5/8", 4-1/8", 4-1/2". Kit also includes 1 M45P arbor.

Arbors and Accessories



Fits All Sizes

Arbors Complete with Pilot Drills

Prod. No.	Shank Size	Thread Size	Drill No.	Chuck Size	Arbor Extension	Fits Saws	Follow Through
M24K*	1/4 Round	1/2 - 20	MPD4	1/4	-	AV09-AV244	AV12-
AV244							
M24	1/4 Hex	1/2 - 20	MPD4S	1/4	-	AV09-AV244	AV12-
AV244							
M34*	3/8 Hex	1/2 - 20	MPD4S	3/8	-	AV09-AV244	AV12-
AV244							
M44K	7/16 Hex	1/2 - 20	MPD4	1/2	ME12	AV09-AV96	AV24-AV96
M44*	7/16 Hex	1/2 - 20	MPD4	1/2	ME12	AV09-AV244	AV12-
AV244							
M35PS*	3/8 Hex	5/8 - 18	MPD4S	3/8	-	AV20-AV38	AV23-AV96
M45	7/16 Hex	5/8 - 18	MPD4	1/2	ME12	AV20-AV38	AV20-AV96
M45P*	7/16 Hex	5/8 - 18	MPD4	1/2	ME12	AV20-AV96	AV23-AV96
M46PS	7/16 Hex	5/8 - 18	MPD4S	1/2	ME12	AV20-AV96	AV23-AV96
M55P	5/8 Hex	5/8 - 18	MPD4	3/4	-	AV20-AV96	AV24-AV96
M34CT	3/8 Hex	1/2 - 20	MPD4SCT	3/8	-	AT09-AT19	AT12-AT19
M45PCT	7/16 Hex	5/8 - 18	MPD4CT	1/2	ME12	AT20-AT96	AT23-AT96

* M24K, M34C, M35PSC, M44C, M45PC carded arbors available

* Exact metric sizes. Other metric sizes are approximate metric equivalents of exact inch sizes.

- AV09 - AV244 use any of the following arbors M24, M24K, M34, M44 or M44K.

- AV20 - AV38 use any of the following arbors M35PS, M45, M45P, M46PS, M55P or M44K.

- AV40 - AV96 use any of the following arbors M45P, M46PS, M55P or M44K.

M.K. Morse®

Specialty Hole Saws

“AT” Carbide Tipped

Features:

- Tungsten Carbide Tooth Tips
- Ground and Set Teeth
- 3 Teeth Per Inch
- Separate Arbor Required

Benefits:

- Long Life in Abrasive Materials
- Cuts Material Bi-Metal will not Cut
- Fast Cuts

Applications:

- Designed for sawing holes in abrasive materials such as fiberglass, particle board, asbestos board, cast iron and formica.

Advantages:

- Highest Wear Resistance
- Better Chip Clearance



Diameter (in)	(mm)	Prod. No.	Diameter (in)	(mm)	Prod. No.	Diameter (in)	(mm)	Prod. No.
3/4	19	AT12	1-3/4	44	AT28	3-1/4	83	AT52
13/16	21	AT13	1-13/16	46	AT29	3-3/8	86	AT54
7/8	22	AT14	1-7/8	48	AT30	3-1/2	89	AT56
15/16	24	AT15	2	51	AT32	3-5/8	92	AT58
1	25	AT16	2-1/16	52	AT33	3-3/4	95	AT60
1-1/16	27	AT17	2-1/8	54	AT34	3-7/8	98	AT62
1-1/8	29	AT18	2-1/4	57	AT36	4	102	AT64
1-3/16	30	AT19	2-5/16	59	AT37	4-1/8	105	AT66
1-1/4	32	AT20	2-3/8	60	AT38	4-1/4	108	AT68
1-5/16	33	AT21	2-1/2	64	AT40	4-3/8	111	AT70
1-3/8	35	AT22	2-9/16	65	AT41	4-1/2	114	AT72
1-7/16	37	AT23	2-5/8	67	AT42	4-3/4	121	AT76
1-1/2	38	AT24	2-3/4	70	AT44	5	127	AT80
1-9/16	40	AT25	2-7/8	73	AT46	5-1/2	140	AT88
1-5/8	41	AT26	3	76	AT48	5-3/4	146	AT92
1-11/16	43	AT27	3-1/8	79	AT50	6	152	AT96

Specialty Hole Saws

“AD” Bi-Metal – Deep Cutting

Features:

- 1-7/8" Cutting Depth
- M3 Cutting Edge
- 4/6 Variable Pitch
- Separate Arbor Required

Benefits:

- Cuts 2" x 4"s, Doors etc. in One Pass
- Saves Time
- Longer Life
- Smoother Cuts

Applications:

- Cuts through 2" x 4"s, joists and most doors in one pass.
- Cut holes in wood, plastic or any machinable material.
- For locksmiths, remodeling and general contractors.

Advantages:

- Deep Cutting
- Convenience
- High Wear Resistance
- Reduces Vibration



Diameter (in)	(mm)	Prod. No.	Pipe Tap Size (in)	Pipe Ent Size (in)	Diameter (in)	(mm)	Prod. No.	Pipe Tap Size (in)	Pipe Ent Size (in)
3/4	19	AD12		3/8	2	51	AD32		1-1/2
7/8	22	AD14	3/4	1/2	2-1/8	54	AD34		
1	25	AD16			2-1/4	57	AD36	2	
1-1/8	29	AD18	1	3/4	2-1/2	64	AD40		2
1-1/4	32	AD20			3	76	AD48		2-1/2
1-3/8	35	AD22		1	3-3/8	86	AD54		
1-1/2	38	AD24	1-1/4		4-1/4	108	AD68		
1-3/4	44	AD28	1-1/2	1-1/4	6-5/8	168	AD106		
1-7/8	48	AD30							

“TAD” Deep Cutting Hole Saw Kits



Prod. #	Desc.	Contents	Applications
TAD01	Maintenance Kit	3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 4 MPD4, 1 SD10, 1 ME12	For 3/8" - 2" pipe. For Plumbing, electrical, industrial, maintenance.
TAD02E	Electricians Kit	7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2", 3 MPD4	For 1/2" - 2" pipe entrance.
TAD03L	Locksmiths Kit	3/4", 7/8", 1", 1-3/8", 1-1/2", 1-5/8", 1-3/4", 2-1/8", 4 MPD4, 1 SD10	For assorted lock & security applications.
TAD04P	Plumbers Kit	3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4", 3 MPD4	For 1/2" - 2" pipe tap.

Tungsten Carbide Grit Products:

Carbide Grit Rod Saws

Features:

- Tungsten Carbide Grains
- Thin Cutting Profile

Benefits:

- Cuts Materials other Blades can't Cut
- Won't Tear Thin Materials
- Allows Custom Cuts in Unusual Applications

Applications:

- Fits standard hack saw frames.
- For difficult applications including glass, hardened steel.
- For special shape cuts in ceramic tile.

Advantages:

- Super Resistant to Heat, Wear and Abrasion
- Resists Snagging
- Cuts Shapes and Patterns
- Fits in Areas of Limited Access

Description (in)	(mm)	Product No.	
		Boxed (25/Box)	Carded (1/cd-10/box)
10	250	HRTCG10	HRCTCG10
12	300	HRTCG12	HRCTCG12



Carbide Grit Hack Saw Blades

Features:

- Tungsten Carbide Grains Bonded to Alloy Body
- Cuts in any Direction

Benefits:

- Cuts Materials other Blades can't Cut
- Faster Cuffing and Long Life
- Won't Tear Thin Materials

Applications:

- Fits standard hacksaw frames.
- For difficult applications including glass, hardened steel, chains, bolts, hydraulic hose, stranded cable, etc.

Advantages:

- Super Resistant to Heat, Wear and Abrasion
- Cut on Push and Pull Stroke
- Resists Snagging

Description (in)	(mm)	Product No.	
		Boxed (25/Box)	Carded (1/cd-10/box)
10	250	HHTCG10	HHCTCG10
12	300	HHTCG12	HHCTCG12



Carbide Grit Reciprocating & Sabre/Jig Saw Blades

Features:

- Tungsten Carbide Grains Bonded to Alloy Body

Advantages:

- Super Resistant to Heat, Wear and Abrasion
- Resists Snagging

Benefits:

- Cuts Materials other Blades can't Cut
- Won't Tear Thin Materials
- Smooth Finish
- Long Life in Difficult Materials



Cutting Tools

M.K. Morse®/Morse®

Carbide Grit Reciprocating & Sabre/Jig Saw Blades (continued)

Applications:

- Fit all popular reciprocating and sabre/jig saw machines.
- Cut fiberglass, lath, plaster, ceramic tile, soil pipe, composites, particle board, laminates, hardwood flooring, marble, hardened steel, etc.
- For boat and aircraft manufacturing, counter tops, general construction, industrial maintenance.

Blade Shape	Description	# Boxed (25/Box)	# Carded (1/Cd - 10/Box)
Reciprocating (1/2" Shank) Saw Blades			
	4" Reciprocating Blades	RTCG4	RCTCG4
	6" Reciprocating Blades	RTCG6	RCTCG6
	8" Reciprocating Blades	RTCG8	RCTCG8
Universal Shank Sabre/Jig Saw Blades			
	2-3/4" Fine Grit Saw	STCG27-F	SCTCG27-F
	2-3/4" Med. Grit Saw	STCG27-M	SCTCG27-M
	2-3/4" Coarse Grit Saw	STCG27-C	SCTCG27-C
	3-5/8" Fine Grit Saw	STCG36-F	SCTCG36-F
	3-5/8" Med. Grit Saw	STCG36-M	SCTCG36-M
	3-5/8" Coarse Grit Saw	STCG36-C	SCTCG36-C
	4" Flush Grit Saw	SFTCG4-M	SCFTCG4-M
Bosch Shank Sabre/Jig Saw Blades			
	4" Fine Grit Saw	SOTCG4-F	SCOTCG4-F
	4" Med. Grit Saw	SOTCG4-M	SCOTCG4-M
	4" Coarse Grit Saw	SOTCG4-C	SCOTCG4-C
Mikita Shank Sabre/Jig Saw Blades			
	3-1/8" Fine Grit Saw	SMTCG31-F	SCMTCG31-F
	3-1/8" Med. Grit Saw	SMTCG31-M	SCMTCG31-M
	3-1/8" Coarse Grit Saw	SMTCG31-C	SCMTCG31-C

Tungsten Carbide Grit Products

Carbide Grit Hole Saws

Features:

- Tungsten Carbide Grains Bonded to Alloy Back
- Gulletted Edge 1-3/8" Cutting Depth Separate Arbor Required

Advantages:

- Super Resistant to Heat, Wear and Abrasion
- Shock Resistant Back
- Resists Snagging

Benefits:

- Cuts Materials Bi-Metal Blades can't Cut
- Long Life
- Smoother Cut

Applications:

- Cuts holes in materials that are too hard or abrasive for standard bi-metal hole saws.
- Cuts thinner materials that would strip bi-metal or carbide teeth.
- For ceramics, fiberglass, hardwoods, cast iron, composites, etc.



Diameter (in)	Diameter (mm)	Prod. No.	Pipe Size (in)	Tap Size (in)	Pipe Ent. Size (in)
3/4	19	ATCG12			3/8
7/8	22	ATCG14	3/4		1/2
1	25	ATCG16			
1-1/8	29	ATCG18	1		3/4
1-1/4	32	ATCG20			
1-3/8	35	ATCG22			1
1-1/2	38	ATCG24	1-1/4		
1-5/8	41	ATCG26			
1-3/4	44	ATCG28	1-1/2		1-1/4
1-7/8	48	ATCG30			
2	51	ATCG32			1-1/2
2-1/8	54	ATCG34			
2-1/4	57	ATCG36	2		
2-3/8	60	ATCG38			
2-1/2	64	ATCG40			2
2-5/8	67	ATCG42	2-1/2		
2-3/4	70	ATCG44			
2-7/8	73	ATCG46			
Diameter (in)	Diameter (mm)	Prod. No.	Pipe Size (in)	Tap Size (in)	Pipe Ent. Size (in)
3	76	ATCG48			2-1/2
3-1/8	79	ATCG50			
3-1/4	83	ATCG52		3	
3-3/8	86	ATCG54			
3-1/2	89	ATCG56			
3-5/8	92	ATCG58			3
3-3/4	95	ATCG60	3-1/2		
3-7/8	98	ATCG62			
4	102	ATCG64			
4-1/8	105	ATCG66			3-1/2
4-1/4	108	ATCG68			
4-3/8	111	ATCG70			
4-1/2	114	ATCG72			4
4-3/4	121	ATCG76	4-1/2		
5	127	ATCG80			
5-1/2	140	ATCG88			
5-3/4	146	ATCG92			
6	152	ATCG96			

Morse®

BURRS

Morse Premium Carbide Burrs

1/4" Shank

Single Cut USE: General Purpose – Recommended for steel, cast iron, ferrous materials. Offers good stock removal and smooth workpiece finish.

Double Cut USE: For rapid stock removal in tough applications. Design reduces the pulling action, reduces size of chips, ensures rapid stock removal.



Cylinder Shape No End Cut

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
1/8	SA-11	1/2	59715	59500
1/8	SA-12	5/8	59816	59501
5/32	SA-13	5/8	59817	59502
3/16	SA-14	5/8	59818	59503
1/4	SA-1	5/8	59716	59504
1/4	SA-1L	1	59717	59505
5/16	SA-2	3/4	59718	59506
3/8	SA-3	3/4	59719	59507
3/8	SA-3L	1	59720	59508

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
3/8	SA-3X	1-1/2	59819	59509
7/16	SA-4	1	59820	59510
1/2	SA-5	1	59721	59511
5/8	SA-6	1	59722	59512
3/4	SA-15	1/2	59821	59513
3/4	SA-16	3/4	59723	59516
3/4	SA-7	1	59822	59517
7/8	SA-8	1	59823	59518
1	SA-9	1	59824	59519

Cylinder Shape With End Cut

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
1/8	SB-11	1/2	59825	59875
1/8	SB-12	5/8	59826	59876
5/32	SB-13	5/8	59827	59877
3/16	SB-14	5/8	59828	59878
1/4	SB-1	5/8	59829	59879
1/4	SB-1L	1	59830	59880
5/16	SB-2	3/4	59831	59881
3/8	SB-3	3/4	59832	59882
3/8	SB-3L	1	59833	59883

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
3/8	SB-3X	1-1/2	59834	59884
7/16	SB-4	1	59835	59885
1/2	SB-5	1	59836	59886
5/8	SB-6	1	59837	59887
3/4	SB-15	1/2	59838	59888
3/4	SB-16	3/4	59839	59889
3/4	SB-7	1	59840	59890
7/8	SB-8	1	59841	59891
1	SB-9	1	59842	59892

Cylinder Shape With Radius End

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
1/8	SC-11	1/2	59724	59536
1/8	SC-12	5/8	59843	59537
5/32	SC-13	5/8	59844	59538
3/16	SC-14	5/8	59845	59539
1/4	SC-1	5/8	59846	59540
1/4	SC-1L	1	59725	59541
5/16	SC-2	3/4	59726	59542
3/8	SC-3	3/4	59847	59543
3/8	SC-3L	1	59727	59544

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
3/8	SC-3X	1-1/2	59848	59545
7/16	SC-4	1	59849	59546
1/2	SC-5	1	59728	59547
5/8	SC-6	1	59729	59548
3/4	SC-15	1/2	59850	59550
3/4	SC-16	3/4	59730	59549
3/4	SC-7	1	59851	59551
1	SC-9	1	59852	59552

Ball Shape

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
1/8	SD-11	3/32	59731	59554
3/16	SD-14	1/8	59732	59555
1/4	SD-1	1/4	59733	59556
5/16	SD-2	1/4	59734	59557
3/8	SD-3	5/16	59735	59558
7/16	SD-4	3/8	59853	59559

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
1/2	SD-5	7/16	59736	59560
5/8	SD-6	9/16	59737	59561
3/4	SD-7	11/16	59738	59562
1	SD-9	15/16	59854	59563

Morse®

Oval Shape

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
3/16	SE-11	5/16	59739	59564
1/4	SE-1	3/8	59740	59565
3/8	SE-3	3/4	59741	59566

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
1/2	SE-5	7/8	59742	59567
5/8	SE-6	1	59743	59568
3/4	SE-7	1	59744	59569



Tree Shape - Radius End

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
1/8	SF-11	1/2	59855	59570
1/4	SF-1	5/8	59745	59571
3/8	SF-3	3/4	59746	59572
7/16	SF-4	1	59856	59573
1/2	SF-13	3/4	59857	59575

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
1/2	SF-5	1	59747	59574
5/8	SF-6	1	59748	59576
3/4	SF-14	1-1/4	59749	59578
3/4	SF-15	1-1/2	59859	59579



Tree Shape - Radius End

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
1/4	SG-1	5/8	59750	59580
5/16	SG-2	3/4	59751	59581
3/8	SG-3	3/4	59752	59582
1/2	SG-13	3/4	59753	59583

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
1/2	SG-5	1	59754	59584
5/8	SG-6	1	59755	59585
3/4	SG-7	1	59756	59586
3/4	SG-15	1-1/2	59860	59587



Flame Shape

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
1/4	SH-1	5/8	59774	59780
5/16	SH-2	3/4	59775	59781
1/2	SH-5	1-1/4	59776	59782

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
5/8	SH-6	1-7/16	59777	59783
3/4	SH-7	1-5/8	59778	59784



60° Cone Shape

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
1/4	SJ-1	3/16	59861	59793
3/8	SJ-3	5/16	59862	59794
1/2	SJ-5	7/16	59863	59795

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
5/8	SJ-6	9/16	59864	59796
3/4	SJ-7	11/16	59865	59797
1	SJ-9	15/16	59866	59798



90° Cone Shape

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
1/4	SK-1	1/8	59867	59800
3/8	SK-3	3/16	59868	59801
1/2	SK-5	1/4	59869	59802

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
5/8	SK-6	5/16	59870	59803
3/4	SK-7	3/8	59871	59804
1	SK-9	1/2	59872	59805



Taper Shape - Radius End 14° Included Angle

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
1/4	SL-1	5/8	59757	59605
5/16	SL-2	7/8	59758	59606
3/8	SL-3	1-1/16	59759	59607

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.	
			Single Cut	Double Cut
1/2	SL-4	1-1/8	59760	59608
5/8	SL-5	1-3/16	59873	59609
5/8	SL-6	1-5/16	59761	59610
3/4	SL-7	1-1/2	59762	59611



Cone Shape

Dia.	Tool No.	Incl. Angle (°)	Lgth. of Cut (in)	EDP No.	
				Single Cut	Double Cut
1/4	SM-1	22	1/2	59763	59612
1/4	SM-2	14	3/4	59764	59613
1/4	SM-3	10	1	59765	59614
3/8	SM-4	28	5/8	59766	59615
1/2	SM-5	31	7/8	59767	59616
5/8	SM-6	16	1	59768	59617



Inverted Cone Shape

Dia.	Tool No.	Incl. Angle (°)	Lgth. of Cut (in)	EDP No.	
				Single Cut	Double Cut
1/4	SN-1	10	5/16	59769	59618
3/8	SN-2	13	3/8	59770	59619
1/2	SN-4	28	1/2	59771	59620
5/8	SN-6	18	3/4	59772	59621
3/4	SN-7	30	5/8	59773	59622



Nonferrous Burrs

1/4" Shank

USE: NF Burrs are designed for use on aluminum, non-ferrous metals, soft steel, reinforced plastics and other soft materials. High flute design for easy chip flow and fast stock removal. Provides excellent work finish with minimum loading when cutting soft, sticky metals.

Cylinder Shape

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
1/4	SA-1-NF	3/4	59625
3/8	SA-3-NF	3/4	59626
1/2	SA-5-NF	1	59627

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
5/8	SA-6-NF	1	59628
3/4	SA-7-NF	1	59629
3/4	SA-7-NF 3/8	1	59810*

*Note: Tool no. indicated with 3/8 are furnished with 3/8" shank.



Cylinder Shape - Radius End

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
1/4	SC-1-NF	3/4	59630
3/8	SC-3-NF	3/4	59631
1/2	SC-5-NF	1	59632

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
5/8	SC-6-NF	1	59633
3/4	SC-7-NF	1	59634
3/4	SC-7-NF 3/8	1	59811*

*Note: Tool no. indicated with 3/8 are furnished with 3/8" shank.



Ball Shape

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
1/4	SD-1-NF	3/16	59635
3/8	SD-3-NF	5/16	59636
1/2	SD-5-NF	7/16	59637

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
5/8	SD-6-NF	9/16	59638
3/4	SD-7-NF	11/16	59639
3/4	SD-7-NF 3/8	11/16	59812*

*Note: Tool no. indicated with 3/8 are furnished with 3/8" shank.



Oval Shape

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
3/8	SE-3-NF	5/8	59640
1/2	SE-5-NF	7/8	59641
5/8	SE-6-NF	1	59642

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
3/4	SE-7-NF	1	59643
3/4	SE-7-NF 3/8	1	59813*

*Note: Tool no. indicated with 3/8 are furnished with 3/8" shank.



Tree Shape - Radius End

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
1/4	SF-1-NF	3/4	59644
3/8	SF-3-NF	3/4	59645
1/2	SF-5-NF	1	59646

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
5/8	SF-6-NF	1	59647
3/4	SF-14-NF	1-1/4	59648
3/4	SF-14-NF 3/8	1-1/4	59814*

*Note: Tool no. indicated with 3/8 are furnished with 3/8" shank.



Cutting Tools

Morse®

Taper Shape - Radius End 14° Included Angle



Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
3/8	SL-3-NF	1-1/16	59649
1/2	SL-4-NF	1-1/8	59650
5/8	SL-5-NF	1-3/16	59651

*Note: Tool no. indicated with 3/8 are furnished with 3/8" shank.

Long Shank Premium Carbide Burrs 1/4" Diameter - 6" Long Steel Shank

Cylinder Shape

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
1/4	SA-1L6	1/2	59655
3/8	SA-3L6	3/4	59656
1/2	SA-5L6	1	59657



Cylinder Shape - Radius End

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
1/4	SC-1L6	1/2	59658
3/8	SC-3L6	3/4	59659
1/2	SC-5L6	1	59660



Ball Shape

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
1/4	SD-1L6	3/16	59661
3/8	SD-3L6	5/16	59662
1/2	SD-5L6	7/16	59663



Oval Shape

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
1/4	SE-1L6	3/8	59664
3/8	SE-3L6	5/8	59665
1/2	SE-5L6	7/8	59666



Tree Shape - Radius End

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
1/4	SF-1L6	1/2	59667
3/8	SF-3L6	3/4	59668
1/2	SF-5L6	1	59669



Tree Shape - Pointed End

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
1/4	SG-1L6	1/2	59670
3/8	SG-3L6	3/4	59671
1/2	SG-5L6	1	59672



Flame Shape

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
5/16	SH-2L6	3/4	59673
1/2	SH-5L6	7/8	59674



Taper Shape Radius End - 14°

Dia.	Tool No.	Lgth. of Cut (in)	EDP No.
1/4	SL-1L6	3/8	59675
3/8	SL-3L6	5/8	59676
1/2	SL-4L6	7/8	59677



Premium Carbide Burrs 1/4" Diameter - 1/8" Steel Shank

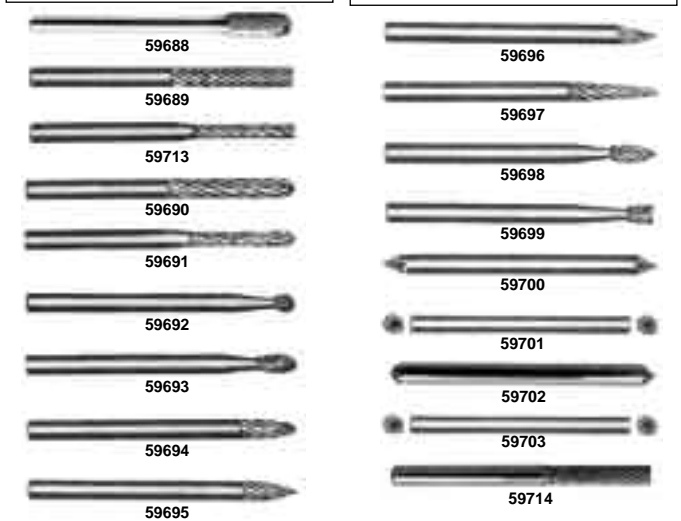
EDP No.	Tool No.	L.O.C.
59678	SA-51	1/2
59679	SB-51	1/4
59680	SC-51	1/2
59681	SD-51	1/4
59682	SE-51	3/8
59683	SF-51	1/2
59684	SG-51	1/2
59685	SM-51	1/2
59686	SN-51	1/4



Premium Carbide Burrs 1/8" Steel Shank

EDP No.	Tool No.	Dia.	L.O.C.
59688	SC-53	3/16	1/2
59689	SD-53	3/16	5/32
59713	SA-41	1/16	1/4
59690	SA-43	1/8	5/8
59691	SA-42	3/32	1/2
59692	SC-42	1/8	5/8
59693	SC-41	3/32	1/2
59694	SD-42	1/8	1/8
59695	SE-41	1/8	3/16

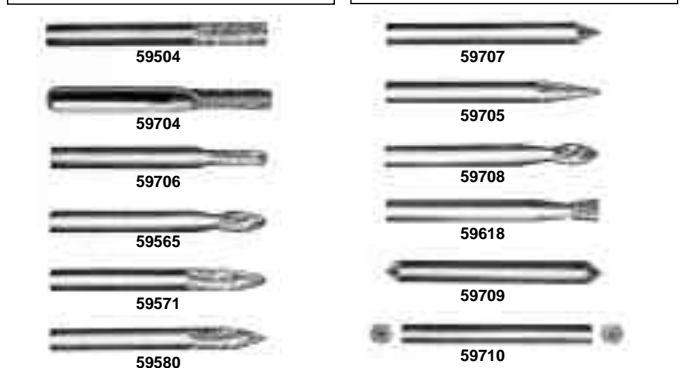
EDP No.	Tool No.	Dia.	L.O.C.
59696	SF-41	1/8	1/4
59697	SG-41	1/8	1/4
59698	SJ-42	1/8	3/16
59699	SL-41	1/8	13/32
59700	SH-41	1/8	3/16
59701	SN-42	1/8	1/8
59702	SK-42	1/8	1/8
59703	SB-41	1/8	1/8
59714	SB-43	1/8	5/8



Premium Carbide Burrs 1/4" Shanks - 2" O.A.L.

EDP No.	Tool No.	Dia.(in)	L.O.C.
59504	SA-1	1/4	5/8
59704	SA-14	3/16	1/2
59706	SC-14	3/16	1/2
59565	SE-1	1/4	3/8
59571	SF-1	1/4	5/8
59580	SG-1	1/4	5/8

EDP No.	Tool No.	Dia.(in)	L.O.C.
59707	SJ-1	1/4	60°
59605	SL-1	1/4	1/2
59708	SH-1	1/4	3/8
59618	SN-1	1/4	1/4
59709	SK-1	1/4	82°
59710	SQ-1	1/4	1/4



Solid Carbide Burr Sets

• Supplied in a premium hardwood case.



EDP	Set No.	Dia.	Includes
59687	C-300	1/4	SA-51, SB-51, SC-51, SD-51, SE-51, SF-51, SG-51, SM-51, SN-51
59711	C-100	1/8	SA-43, SA-42, SC-42, SC-41, SD-42, SE-41, SF-41, SG-41, SJ-42, SL-41, SH-41, SN42
59901	C-150	1/8	SA-42, SA-43, SC-42, SC-41, SF-42, SG-42, SM-43, SE-41, SD-42
59712	C-200	1/4	SA-1, SA-14, SC-1, SC-14, SD-1, SE-1, SF-1, SG-1, SK-1, SL-1, SH-1, SN-1
59903	C-350	1/8	SA-51, SC-51, SF-51, SG-51, SM-51, SD-51
59905	C-400	1/4	SA-1, SC-1, SF-1, SG-1, SM-2, SE-1, SL-1, SD-1
59907	C-450	1/4	SA-5, SC-5, SF-5, SG-5, SM-5, SE-5, SL-4, SD-5
59909	C-500	1/4	SA-5, SC-5, SD-5, SE-5, SG-5, SM-5, SL-4, SH-5
59911	C-550	1/4	SA-5, SC-1, SC-3, SD-3, SE-5, SH-5, SK-5, SG-1
59913	C-600	1/4	SA-1, SA-5, SC-1, SC-3, SC-5, SF-5, SL-3, SL-4
59915	C-650	1/4	SB-1, SC-3, SD-2, SE-5, SF-5, SL-4, SG-3, SM-5
59917	C-700	1/4	SA-1, SA-3, SA-5, SC-1, SC-3, SC-5, SF-1, SF-3, SF-5
59918	C-725	1/4	SA-5, SC-3, SC-5, SD-5, SF-3, SF-5, SG-3, SL-4
59919	C-750	1/4	SA-1, SA-3, SA-5, SC-1, SC-3, SC-5, SD-3, SD-5, SE-3, SF-1, SF-3, SF-5, SG-1, SG-3, SL-3, SL-4

Solid Carbide Burrs

Burr Application Data

Style of Cut	Material						
	Aluminum	Brass, Copper	Cast Iron	Plastics	Steel-Up To 40-60 Rc	Titanium	Zinc
Single		•	•		•	•	
Double		•	•		•	•	
NF Style	•			•			•

Recommended Cutting Speeds

Burr Dia. (in)	R.P.M.	Burr Dia. (in)	R.P.M.
1/16	55000-85000	3/8	17000-38000
3/32	50000-60000	7/16	13000-37000
1/8	35000-65000	1/2	14000-36000
3/16	30000-55000	5/8	11000-23000
1/4	25000-50000	3/4	8000-19000
5/16	18000-38000	1	7000-18000

Increase speeds for softer nonferrous materials.
Decrease speeds for harder nonferrous materials.

Flute/Cut Styles of Burrs



Double Cut - Most popular cut style. Creates a small chip. Ensures rapid stock removal.



Single Cut - For general purpose cutting. Offers good stock removal and smooth finish.



Nonferrous Cut - High flute design for easy chip flow and fast stock removal. Provides minimum loading when cutting soft, sticky metals.

Morse®/Oldham

Oldham

CIRCULAR SAW BLADES Contractor™ Carbide:



Combination Carbide

Part No.	Diameter (in)	(mm)	No. of Teeth	Arbor	Plate Thickness	Kerf	Hook Angle
338-C424	3-3/8	86	24	15MM	.040	.070	15°
438-C418	4-3/8	111	18	20MM	.040	.070	20°
450-C418	4-1/2	114	18	3/8	.040	.070	20°
538-C424	5-3/8	114	24	10MM	.040	.070	20°
550-C424	5-1/2	140	24	5/8	.040	.070	20°
650-C418	6-1/2	165	18	UNIV.	.040	.070	15°
725-C424	7-1/4	184	24	UNIV.	.040	.070	12°
800-C424	8	203	24	UNIV.	.060	.090	20°
825-C424	8-1/4	210	24	UNIV.	.060	.090	20°
900-C428	9	229	28	5/8	.060	.090	20°
100-C440	10	254	40	5/8	.060	.090	20°

General Purpose Carbide

Part No.	Diameter (in)	(mm)	No. of Teeth	Arbor	Plate Thickness	Kerf	Hook Angle
550-C418	5-1/2	140	18	5/8	.040	.070	20°
725-C418	7-1/4	184	18	UNIV.	.040	.070	20°
100-C424	10	254	24	5/8	.060	.090	15°

Finishing Carbide

Part No.	Diameter (in)	(mm)	No. of Teeth	Arbor	Plate Thickness	Kerf	Hook Angle
600-C430	6	152	30	5/8"	.040	.070	20°
725-C436	7-1/4	184	36	UNIV.	.040	.070	15°
800-C440	8	203	40	UNIV.	.060	.090	20°
825-C440	8-1/4	210	40	UNIV.	.060	.090	20°
850-C440	8-1/2	216	40	5/8"	.060	.090	20°
100-C460	10	254	60	5/8"	.060	.090	12°
120-C460	12	305	60	1"	.075	.105	-5°

Precision Finishing Carbide

Part No.	Diameter (in)	(mm)	No. of Teeth	Arbor	Plate Thickness	Kerf	Hook Angle
850-C460	8-1/2	216	60	5/8"	.060	.090	20°
100-C480	10	254	80	5/8"	.060	.090	20°
120-C480	12	305	80	1"	.075	.105	-5°

Deck

Part No.	Diameter (in)	(mm)	No. of Teeth	Arbor	Plate Thickness	Kerf	Hook Angle
725-C418D	7-1/4	184	18	UNIV.	.040	.070	15°

Cutting Tools

Oldham

WIZARD ELITE

Each saw blade is designed for three specific saws; Mitre Box, Radial Arm and Table Saw



Table Saw

Teflon Coated - Carbide

In a table saw, the motor and blade remain stationary, and the material moves into the blade. The flat, table-like top creates a surface on which to feed the material. This 40-tooth, alternate top bevel carbide blade uses a 12° positive hook angle to give the user maximum versatility in material feeding, an especially important feature for cutting woods of various thickness and hardness. *This blade is guaranteed to be the smoothest cutting blade ever used on a table saw.*

Part No.	Diameter (in)	Diameter (mm)	No. of Teeth	Arbor	Plate Thickness	Kerf	Hook Angle
800-7740T	8	203	40	UNIV.	.070	.100	10°
825-7740T	8-1/4	210	40	UNIV.	.070	.100	12°
100-7740T	10	254	40	5/8"	.090	.120	12°

Radial Arm Saw

Teflon Coated - Carbide

The Radial Arm saw is a pendulum-style saw, where both the blade and motor are mounted above the work station. As the blade and motor move, the material remains stationary. Therefore, feed is the critical element of safe and easy operation. This 60-tooth carbide blade features a 5° negative hook angle and triple chip tooth sharpening. It will not feed itself, so the user maintains maximum control over the feed of cut. *This blade is guaranteed to be the smoothest cutting blade ever used on a radial arm saw.*

Part No.	Diameter (in)	Diameter (mm)	No. of Teeth	Arbor	Plate Thickness	Kerf	Hook Angle
800-P8160T	8	203	60	UNIV.	.060	.090	-5°
825-P8160T	8-1/4	210	60	UNIV.	.060	.090	-5°
850-P8160T	8-1/2	216	60	5/8"	.060	.090	-5°
100-P8160T	10	254	60	5/8"	.070	.100	-5°
120-P8160T	12	305	60	1"	.075	.105	-5°
140-P8160T	14	356	60	25mm/1"	.090	.012	-5°

Mitre Box Saw

Teflon Coated - Carbide

Mitre Box saws feature a blade and motor mounted on a moving arm. The material is held in place while the blade and motor move to it. Since the mitre box is strictly a cutoff saw, we have designed these 60- and 80-tooth alternate top bevel carbide blades with a 12° positive hook angle to deliver precision smooth cuts and chip out free edges in nearly any material. *This blade is guaranteed to be the smoothest cutting blade ever used on a mitre box saw.*

Part No.	Diameter (in)	Diameter (mm)	No. of Teeth	Arbor	Plate Thickness	Kerf	Hook Angle
800-7260T	8	203	60	UNIV.	.080	.110	12°
825-7360T	8-1/4	210	60	UNIV.	.080	.110	12°
900-7260T	9	229	60	5/8"	.090	.120	12°
100-7280T	10	254	80	5/8"	.090	.120	12°
120-7280T	12	305	80	1"	.096	.126	12°
140-7280T	14	356	80	25mm/1"	.090	.120	12°
150-7280T	15	381	80	1"	.090	.120	12°

PROFESSIONAL SERIES

Contractor's Special - Carbide

For general purpose ripping and crosscutting on wood, exterior plywood and related materials. Special heavy gauge for greater durability.



Part No.	Diameter (in)	Diameter (mm)	No. of Teeth	Arbor	Plate Thickness	Kerf	Hook Angle
650-7312	6-1/2	165	12	UNIV.	.080	.120	12°
725-7314	7-1/4	184	14	UNIV.	.080	.120	12°
800-7316	8	203	16	UNIV.	.080	.120	12°
900-7318	9	229	18	5/8"	.090	.130	12°
100-7324	10	254	24	5/8"	.090	.130	12°
120-7324	12	305	24	1"	.096	.136	12°

Rip Saws - Carbide

Rip saws are designed to cut material with the grain, in both soft and hard woods. Can be used with manual or power feed saws at various speeds.

Part No.	Diameter (in)	Diameter (mm)	No. of Teeth	Arbor	Plate Thickness	Kerf	Hook Angle
800-7024	8	203	24	UNIV.	.080	.120	30°
100-7024	10	254	24	5/8"	.090	.130	30°
120-7030	12	305	30	1"	.096	.136	30°
140-7036	14	356	36	25mm/1"	.100	.140	30°
160-7036	16	406	36	25mm/1"	.100	.140	30°

Nail Cutting Saws - Carbide

This heavy-gauge carbide is designed for tough cutting jobs such as: used lumber or flooring with embedded nails and concrete-coated forming material. A special negative rake provides strength plus safety. (Feed with smooth, even pressure.)

Part No.	Diameter (in)	Diameter (mm)	No. of Teeth	Arbor	Plate Thickness	Kerf	Hook Angle
650-6812	6-1/2	165	12	UNIV.	.080	.120	-5°
725-6814	7-1/4	184	14	UNIV.	.080	.120	-5°
800-6818	8	203	18	UNIV.	.080	.120	-5°
100-6824	10	254	24	5/8"	.090	.130	-5°
120-6824	12	305	24	1"	.096	.136	-5°

Non-Ferrous Metal - Carbide

Designed to cut all types of aluminum sheets, tubing extrusions and other non-ferrous metals such as copper, brass, leads and magnesium. It is recommended that some type of lubricant be used with this blade, preferably a stick wax and that both ends of the material being cut are securely clamped in place before cutting.

Part No.	Diameter (in)	Diameter (mm)	No. of Teeth	Arbor	Plate Thickness	Kerf	Hook Angle
725-P7540	7-1/4	184	40	UNIV.	.060	.100	0°
850-P7548	8-1/2	216	48	5/8"	.070	.110	0°
800-P7560	8	203	60	UNIV.	.070	.110	0°
900-P7560	9	229	60	5/8"	.090	.130	0°
100-P7560	10	254	60	5/8"	.090	.130	0°
120-P7560	12	305	60	1"	.096	.136	0°
140-P7560	14	356	60	25mm/1"	.100	.140	0°
100-P7580	10	254	80	5/8"	.090	.130	0°
120-P7580	12	305	80	1"	.096	.136	0°
140-P7580	14	356	80	25mm/1"	.100	.140	0°
140-P75100	14	356	100	25mm/1"	.109	.149	0°
150-P75100	15	381	100	1"	.090	.130	0°
160-P75100	16	406	100	25mm/1"	.109	.149	0°

Framing Combination - Carbide

For fast cutoffs and rips in all types of wood, finished plywood and prefinished materials materials. Very good all-purpose.

Part No.	Diameter (in)	Diameter (mm)	No. of Teeth	Arbor	Plate Thickness	Kerf	Hook Angle
650-7424	6-1/2	165	24	UNIV.	.054	.100	12°
700-7424	7	178	24	UNIV.	.054	.100	12°
725-7424	7-1/4	184	24	UNIV.	.054	.100	12°
800-7424	8	203	24	UNIV.	.070	.110	12°

Roofer's Special - Carbide

For rough cutting through tar paper, shingles and related roofing materials with embedded nails. The special anti-stick coating allows the blade to cut without binding or sticking. (Clean blade with solvent after each use.)

Part No.	Diameter (in)	Diameter (mm)	No. of Teeth	Arbor	Plate Thickness	Kerf	Hook Angle
725-6914	7-1/4	184	14	UNIV.	.080	.120	-5°

Emergency Cutting - Carbide

Used extensively by fire departments and demolition teams for cutting through large sections of buildings. Will cut most building materials, including tar paper, roofing, nails and non-ferrous materials.

Part No.	Diameter (in)	Diameter (mm)	No. of Teeth	Arbor	Plate Thickness	Kerf	Hook Angle
120-7812	12	305	12	20mm / 1" / 7/8"	.096	.136	-5°
120-7824	12	305	24	20mm / 1" / 7/8"	.096	.136	-5°
140-7824	14	356	24	20mm / 1" / 7/8"	.120	.160	-5°

The following warning has been issued by OSHA.

Do not use this blade on multi-purpose cutoff saws, including gas power saws, unless saw has guard that completely covers both the upper half and the lower half of the blade. This guard must extend to the lowest point of the cutting teeth on the bottom of the blade. Be sure to read owner's manual of the saw and follow all instructions and safety procedures. Always wear safety goggles. Consult owner's manual.

Oldham/Relton

Plastic/Hardwoods - Carbide

The ideal cutting saw when smooth, chip-free edges are demanded. Excellent for cutting all types of plastics, polystyrene, Plexiglass, Formica, Corian™ and related materials. Also excellent for general rip and cut-off work in hardwood and wood-related products.

Part No.	Diameter (in)	Diameter (mm)	No. of Teeth	Arbor	Plate Thickness	Kerf	Hook Angle
725-P7240	7-1/4	184	40	UNIV.	.060	.100	12°
100-P7240	10	254	40	5/8	.090	.130	12°
725-P7260	7-1/4	184	60	UNIV.	.060	.100	12°
800-P7260	8	203	60	UNIV.	.070	.110	12°
900-P7260	9	229	60	5/8	.090	.130	12°
100-P7260	10	254	60	5/8	.090	.130	12°
120-P7260	12	305	60	1	.096	.136	12°
100-P7280	10	254	80	5/8	.090	.130	12°
120-P7280	12	305	80	1	.096	.136	12°
140-P7280	14	356	80	25mm/1	.100	.140	12°
160-P7280	16	406	80	25mm/1	.100	.140	12°
140-P72100	14	356	100	25mm/1	.109	.149	12°
160-P72100	16	406	100	25mm/1	.109	.149	12°

Relton

ELECTRIC HAMMER BITS

SDS-max Masonry Tools



Hammer Bits

Point Dia. (in)	O.A. Lgth. (in)	Drilling Depth (in)	Part No.	Wt. (lbs)
3/8	10	4	MX-6-10	0.8
3/8	14	8	MX-6-14	0.8
3/8	18	12	MX-6-18	0.9
7/16	14	8	MX-7-14	0.8
1/2	14	8	MX-8-14	0.9
1/2	18	12	MX-8-18	1.1
1/2	22	16	MX-8-22	1.2
1/2	28	22	MX-8-28*	1.4
1/2	42	36	MX-8-42*	1.9
9/16	14	8	MX-9-14	1.0
9/16	18	12	MX-9-18	1.1
9/16	22	16	MX-9-22	1.3
9/16	28	22	MX-9-28*	1.5
5/8	14	8	MX-10-14	1.1
5/8	18	12	MX-10-18	1.3
5/8	22	16	MX-10-22	1.4
5/8	28	22	MX-10-28*	1.6
5/8	42	36	MX-10-42*	2.8
11/16	14	8	MX-11-14	1.1
11/16	22	16	MX-11-22	1.6
3/4	14	8	MX-12-14	1.2
3/4	18	12	MX-12-18	1.5
3/4	22	16	MX-12-22	1.7
3/4	28	22	MX-12-28*	2.0
3/4	42	36	MX-12-42*	3.5
13/16	14	8	MX-13-14	1.9
13/16	22	16	MX-13-22	1.3

* Bulk quantities not available from immediate stock... may be special-ordered.

SDS-max Quik-Lok™ Adaptor



Part No.	Description	Wt. (lbs)
QL-MX	SDS-max to SDS+	1.4

Accepts SDS+ shank bits available

Spline Drive Masonry Tools



Hammer Bits



Point Dia. (in)	Overall Lgth. (in)	Drilling Depth (in)	Part No.	Wt. (lbs)
3/8	10	4	202-6-10	0.8
3/8	14	8	202-6-14	0.8
3/8	18	12	202-6-18	0.9
7/16	14	8	202-7-14	0.8
1/2	14	8	202-8-14	1.0
1/2	18	12	202-8-18	1.1
1/2	22	16	202-8-22	1.2
1/2	28	22	202-8-28*	1.4
1/2	42	36	202-8-42*	1.9
9/16	14	8	202-9-14	0.9
9/16	18	12	202-9-18	1.1
9/16	22	16	202-9-22	1.3
9/16	28	22	202-9-28*	1.5
5/8	14	8	202-10-14	1.1
5/8	18	12	202-10-18	1.3
5/8	22	16	202-10-22	1.4
5/8	28	22	202-10-28*	1.6
5/8	42	36	202-10-42*	2.8
11/16	14	8	202-11-14	1.1
11/16	22	16	202-11-22	1.6
3/4	14	8	202-12-14	1.2
3/4	18	12	202-12-18	1.5
3/4	22	16	202-12-22	1.8
3/4	28	22	202-12-28*	2.0
3/4	42	36	202-12-42*	3.5
13/16	14	8	202-13-14	1.3
13/16	22	16	202-13-22	1.9

* Bulk quantities not available from immediate stock... may be special-ordered.

Spline Drive QUIK-LOK™ Adaptor



Part No.	Description	Wt. (lbs)
QL-202	Spline Drive to SDS+	1.4

Accepts SDS+ shank bits available

Point Dia. (in)	Overall Lgth. (in)	Drilling Depth (in)	Part No.	Wt. (lbs)
27/32	14	8	202-13A-14	1.3
27/32	22	16	202-13A-22	1.9
7/8	14	8	202-14-14	1.4
7/8	18	12	202-14-18	1.8
7/8	22	16	202-14-22	2.1
7/8	28	22	202-14-28*	2.6
7/8	42	36	202-14-42*	4.6
1	14	8	202-16-14	1.7
1	18	12	202-16-18	2.2
1	22	16	202-16-22	2.6
1	28	22	202-16-28*	3.1
1	42	36	202-16-42*	6.0
1-1/8	14	8	202-18-14*	1.9
1-1/8	22	16	202-18-22*	3.1
1-1/8	28	22	202-18-28*	3.9
1-1/8	42	36	202-18-42*	7.4
1-1/4	14	8	202-20-14*	2.3
1-1/4	22	16	202-20-22*	3.6
1-1/4	28	22	202-20-28*	4.3
1-1/4	42	36	202-20-42*	9.2
1-3/8	22	16	202-22-22*	4.1
1-3/8	42	36	202-22-42*	11.3
1-1/2	14	8	202-24-14*	2.9
1-1/2	22	16	202-24-22*	4.8
1-1/2	28	22	202-24-28*	6.2
1-1/2	42	36	202-24-42*	13.4

SDS+ Masonry Tools



Hammer Bits



Point Dia. (in)	Overall Lgth. (in)	Drilling Depth (in)	Part No.	Wt. (lbs)
5/32	4-1/2	2-1/2	207-1-4	0.1
5/32	6	4	207-1-6	0.1
5/32	8	6	207-1-8	0.1
3/16	4-1/2	2-1/2	207-3-4	0.1
3/16	6	4	207-3-6	0.1
3/16	8	6	207-3-8	0.1
3/16	10	8	207-3-10	0.2
3/16	14	12	207-3-14*	0.2
7/32	6	4	207-2-6	0.1
7/32	10	8	207-2-10	0.3
7/32	16	14	207-2-16*	0.5
1/4	4	2	207-4-4	0.1
1/4	6	4	207-4-6	0.1
1/4	8	6	207-4-8	0.2
1/4	10	8	207-4-10	0.3
1/4	14	12	207-4-14*	0.3
1/4	20	18	207-4-20*	0.4
5/16	6	4	207-5-6	0.2
5/16	10	8	207-5-10	0.3
5/16	14	12	207-5-14*	0.3
3/8	6	4	207-6-6	0.2
3/8	10	8	207-6-10	0.3
3/8	14	12	207-6-14*	0.4
3/8	18	16	207-6-18*	0.5
3/8	25	22	207-6-25*	0.7
7/16	6	4	207-7-6	0.3
7/16	12	10	207-7-12*	0.5
1/2	6	4	207-8-6	0.3
1/2	10	8	207-8-10	0.4
1/2	14	12	207-8-14*	0.6
1/2	18	16	207-8-18*	0.8
1/2	25	22	207-8-25*	0.9
9/16	6	4	207-9-6	0.3
9/16	12	10	207-9-12*	0.6
9/16	18	16	207-9-18*	0.8
9/16	25	22	207-9-25*	1.0
5/8	8	6	207-10-8	0.5
5/8	14	12	207-10-14*	0.8
5/8	18	16	207-10-18*	0.9
5/8	25	22	207-10-25*	1.3
11/16	10	8	207-11-10*	0.6
11/16	25	22	207-11-25*	1.5
3/4	8	6	207-12-8	0.6
3/4	14	12	207-12-14*	1.0
3/4	18	16	207-12-18*	1.3
3/4	25	22	207-12-25*	1.7
27/32	8	6	207-13A-8*	0.8
7/8	8	6	207-14-8*	0.8
7/8	14	12	207-14-14*	1.4
7/8	18	16	207-14-18*	1.7
1	8	6	207-16-8*	1.0
1	18	16	207-16-18*	2.3
1	25	22	207-16-25*	2.8
1-1/8	8	6	207-18-8*	1.3
1-1/8	18	16	207-18-18*	3.0

* Bulk quantities not available from immediate stock... may be special-ordered.

Cutting Tools

Relton

Hammer Core Bits



Core Bits - 6" OAL,
4-1/2" Core depth

Dia. (in)	Part No.	Wt. (lbs)
1-3/4	CBT-28	1.8
2	CBT-32	2.4
2-1/2	CBT-40	3.7
2-3/4	CBT-44	4.4
3	CBT-48	4.9
3-1/2	CBT-56	6.3
4	CBT-64	7.8
4-1/2	CBT-72	9.3
5	CBT-80	11.2

Starter Points

To fit this Bit Dia.	Part No.	Wt. (lbs)
1-3/4	CBSP-28	0.4
2	CBSP-32	0.6
2-1/2	CBSP-40	0.6
2-3/4	CBSP-44	0.8
3	CBSP-48	0.9
3-1/2	CBSP-56	0.9
4	CBSP-64	0.9
4-1/2	CBSP-72	1.1
5	CBSP-80	1.1



Heavy-Duty design. Less breakage of shank and core bit. Carbide can be replaced or sharpened.

Heat-Treated, Spring-Loaded Starter Point



Insert taper end of shank into core bit. Slide starter point into core body (starter point will be loose fitting). Position cutter on concrete. Begin cut. After penetrating approx. 1/4", lift cutter off concrete. Starter point will fall out. Move starter point out of the way. Continue cutting with core bit. The starter point eliminates the need for knock-out and taper holes which weaken the shank body and cause breakage.

Straight Shank - Masonry Drill Bits

Rotary/Percussion Ram Tip™
Professional Masonry Bits



Dia. (in)		Overall Length (in)	Drilling Depth (in)	Part No.	Wt. (lbs)
Point	Shank				
11/64	11/64	3	1-7/8	RT-1-3	0.1
1/8	1/8	3	1-7/8	RT-2-3	0.1
3/16	3/16	3	1-7/8	RT-3-3	0.1
3/16	3/16	4	2-3/8	RT-3-4	0.1
3/16	3/16	7	5-3/8	RT-3-7	0.1
7/32	1/4	8-1/2	6-1/2	RT-2-8	0.2
1/4	1/4	4	2-1/4	RT-4-4	0.1
1/4	1/4	6	3-3/4	RT-4-6	0.1
1/4	1/4	8	6	RT-4-8	0.1
1/4	1/4	12	10	RT-4-12*	0.2
1/4	1/4	18	16	RT-4-18*	0.3
1/4	1/4	24	22	RT-4-24*	0.4
5/16	1/4	4	2-1/2	RT-5-4	0.1
5/16	1/4	6	4	RT-5-6	0.1
5/16	1/4	12	10	RT-5-12*	0.3
5/16	1/4	18	16	RT-5-18*	0.4
3/8	3/8	4	2-1/2	RT-6-4	0.2
3/8	1/4	4	2-1/2	RT-6-4A	0.1
3/8	3/8	6	4	RT-6-6	0.2
3/8	1/4	6	4	RT-6-6A	0.2
3/8	3/8	12	10	RT-6-12*	0.4
3/8	3/8	18	16	RT-6-18*	0.5
3/8	3/8	24	22	RT-6-24*	0.7
7/16	1/4	4	2-1/2	RT-7-4	0.2
7/16	1/4	6	4	RT-7-6	0.3
1/2	3/8	4	2-1/2	RT-8-4	0.2
1/2	3/8	6	4	RT-8-6	0.3
1/2	1/4	6	4	RT-8-6A	0.3
1/2	3/8	14	12	RT-8-14*	0.6
1/2	3/8	18	16	RT-8-18*	0.7
1/2	3/8	24	22	RT-8-24*	0.9
9/16	3/8	6	4	RT-9-6	0.3
5/8	1/2	6	4	RT-10-6	0.4
5/8	1/2	14	12	RT-10-14*	0.8
5/8	1/2	18	16	RT-10-18*	1.1
5/8	1/2	24	22	RT-10-24*	1.3
11/16	1/2	6	4	RT-11-6	0.4
3/4	1/2	6	4	RT-12-6	0.5
3/4	1/2	14	12	RT-12-14*	1.0
3/4	1/2	18	16	RT-12-18*	1.5
3/4	1/2	24	18	RT-12-24*	1.8
7/8	1/2	6	4	RT-14-6*	0.6
1	1/2	6	4	RT-16-6*	0.8
1	1/2	18	16	RT-16-18*	2.4
1	1/2	24	22	RT-16-24*	3.1

Relton's premium straight-shank masonry bit is designed for use in lightweight, rotating-vibrating hammers, but it can be used equally well in standard drill motors as a rotary bit.

A special hard, tough carbide cutter is precisely located for maximum support and strength.

Shank diameters 3/8" and larger have 3 flats on the shank to reduce the possibility of slipping in the chuck.

* Bulk quantities not available from immediate stock... may be special ordered.

Screw-Type Anchor Bits

TC bits meet or exceed all specifications established by manufacturers of screw type masonry anchors. Recommended for use with Tapcon® anchors or other screw-type anchors requiring 5/32" or 3/16" tip diameters



For These Anchors (in)	Use These Size Screw-Type Masonry Bit (in)	Relton Part No.	Wt. (lbs)
3/16 x 1-1/4	5/32" dia x 3-1/2" lgth	TC-5-3	0.3
3/16 x 1-3/4			
3/16 x 2-1/4	5/32" dia x 4-1/2" lgth	TC-5-4	0.3
3/16 x 2-3/4			
3/16 x 3-1/4	5/32" dia x 5-1/2" lgth	TC-5-5	0.3
3/16 x 3-3/4			
3/16 x 4			
1/4 x 1-1/4	3/16" dia x 3-1/2" lgth	TC-3-3	0.3
1/4 x 1-3/4			
1/4 x 2-1/4	3/16" dia x 4-1/2" lgth	TC-3-4	0.3
1/4 x 2-3/4			
1/4 x 3-1/4	3/16" dia x 5-1/2" lgth	TC-3-5	0.3
1/4 x 3-3/4			
1/4 x 4			

All relton TC bits are packed 10 per tube. Bulk qty. 100 per size

Forged Hammer Tools

Scaling Chisels

Use for:

- Removing scale, rust and concrete spatter

Fits These Hammers	Description	Part No.	Wt. (lbs)
Spline	12" OAL x 2"	SC-12S	1.6
	18" OAL x 2"	SC-18S	2.4
SDS-max	12" OAL x 2"	SC-12MX	1.6
	18" OAL x 2"	SC-18MX	2.4
SDS+	12" OAL x 1-1/2"	SC-12DS	.8
3/4" Hex	12" OAL x 2"	SC-12HX	1.6
	18" OAL x 3"	SC-312HX	2.5



Bull Points or Moil Points

Use for:

- Breaking up concrete, brick, asphalt, etc.
- Light demolition applications
- Starting holes in concrete slabs

Fits These Hammers	Description	Part No.	Wt. (lbs)
Spline	12" OAL	BP-12S	1.4
	18" OAL	BP-18S	2.3
SDS-max	12" OAL	BP-12MX	1.4
	18" OAL	BP-18MX	2.3
SDS+	12" OAL	BP-12DS	.8
3/4" Hex	12" OAL	BP-12HX	1.4
	18" OAL	BP-18HX	2.3



Slotting Chisels

Use for:

- Slotting in concrete and masonry
- Breaking web between predrilled holes in concrete to make large opening

Fits These Hammers	Description	Part No.	Wt. (lbs)
Spline	12" OAL x 1-1/8"	CR-12S	1.3
SDS-max	12" OAL x 1-1/8"	CR-12MX	1.3



Asphalt Cutter

Use for:

- Cutting asphalt or hard ground - not for concrete

Fits These Hammers	Description	Part No.	Wt. (lbs)
3/4" Hex	4" x 4-1/2"	AC-HX	4.3

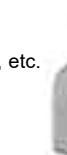


Clay Spade

Use for:

- Digging clay, dirt, hard-packed gravel, shale, etc.

Fits These Hammers	Description	Part No.	Wt. (lbs)
3/4" Hex	4 x 4-1/2"	CS-HX	4.2



- continues -

Relton

Forged Hammer Tools (continued)

Cold Chisels

Use for:

- edging, chipping and channeling concrete, masonry or brick

Fits These Hammers	Description	Part No.	Wt. (lbs)
SPLINE	12" OAL x 1"	CC-12S	1.4
	8" OAL x 1"	CC-18S	2.3
SDS-max	12" OAL x 1"	CC-12MX	1.4
	18" OAL x 1"	CC-18MX	2.3
SDS+	12" OAL	CC-12DS	.8
3/4" Hex	12" OAL	CC-12HX	1.4
	18" OAL	CC-18HX	2.3

Mortar Chisels

Use for:

- cleaning out old mortar between bricks and masonry prior to tuck pointing or caulking
- cutting narrow channels

Fits These Hammers	Description	Part No.	Wt. (lbs)
SPLINE	15" OAL x 1-1/8"	MC-15S	1.6
SDS-max	15" OAL x 1-1/8"	MC-15MX	1.6

Bushing Tools

Use for:

- roughing concrete surface prior to applying a surface finish
- concrete surface removal to produce a rough exterior finish

Fits These Hammers	Description	Part No.	Wt. (lbs)
SPLINE	1 pc. Bushing Tool	BT-16S	2.6
SDS-max	1 pc Bushing Tool	BT-16MX	2.6
3/4" Hex	1 pc Bushing Tool	BT-16HX	2.6
16 Pt.	Bushing Head	BH-16	1.1
SPLINE	Bushing Head Shk	BS-8S	1.0
SDS-max	Bushing Head Shk	BS-8MX	1.0
3/4" Hex	Bush Head Shk	BS-8HX	1.0

Ground Rod Drivers

Use for:

- driving electrical grounding rods into earth

Fits These Hammers	Description	Part No.	Wt. (lbs)
SPLINE	For 5/8" - 3/4" rebar	DR-S	1.1
SDS-max	For 5/8" - 3/4" rebar	DR-MX	1.1
3/4" Hex	For 5/8" - 3/4" rebar	DR-HX	1.1

Rotary-Only Rebar Cutters

Non-Removable-Shank Rebar Cutters



Dia. (in)	Overall Lgth. (in)	Part No.	Wt. (lbs)	Suggested RPM's
3/8	8	RB-6	0.3	850-1200
1/2	12	RB-8	0.6	850-1200
9/16	12	RB-9	0.7	850-1200
5/8	12	RB-10	0.8	750-1000
5/8	18	RB-10-18	1.3	750-1000
11/16	12	RB-11	0.9	750-1000
3/4	12	RB-12	1.1	600-850
3/4	18	RB-12-18	1.6	600-850
13/16	12	RB-13	1.1	600-850

At last, the answer to drilling through concrete-embedded rebar! No more broken or shattered hammer bits; now you can drill through the rebar and not have to relocate the hole to avoid the rebar!

- continues -

Rotary-Only Rebar Cutters (continued)

Removable-Shank Rebar Cutters

Dia. (in)	Rebar Cutter Complete			Rebar Cutter Head Only		Sugg. RPM	Shanks for Rebar Cutters Head Only	Shank Dia. (in)	To Make Overall Bit Lgth. (in)	Wt. (lbs)
	Overall Lgth (in)	Part No.	Wt. (lbs)	Part No.	Wt. (lbs)		Part No.			
7/8	12	RB-14	0.9	RB-14HO	0.4	600-850	TDS-2-9 TDS-2-12 (Supplied w/ complete bit)	1/2	9	0.4
1	12	RB-16	1.1	RB-16HO	0.6	500-750				
1-1/8	12	RB-18	1.2	RB-18HO	0.7	500-750				
1-1/4	12	RB-20	1.3	RB-20HO	0.8	450-600	TDS-2-18 TDS-2-24	1/2	18	0.9
1-3/8	12	RB-22	1.4	RB-22HO	0.9	450-600				
1-1/2	12	RB-24	1.6	RB-24HO	1.1	350-500	TDS-3-9 TDS-3-12 (Supplied w/ complete bit)	1/2	9	0.4
1-3/4	12	RB-28	1.8	RB-28HO	1.3	350-500				
2	12	RB-32	2.5	RB-32HO	1.8	350-500	TDS-3-18 TDS-3-24	1/2	12	0.5
2-1/2	12	RB-40	3.1	RB-40HO	2.4	350-500				
								1/2	18	0.9
								1/2	24	1.2

EASY AS...

- When rebar is encountered while drilling with a rotary hammer and a carbide hammer bit, immediately stop the hammer and remove the bit from the hole (failure to stop will severely damage a carbide hammer bit - regardless of manufacturer's claim).
- Mount a rotary rebar cutter in a standard 1/2" drill motor or 1/2" hammer drill (with the selector in the rotary-only position); insert the rotary rebar cutter into the hole and drill through the embedded rebar.
- Remove the rotary rebar cutter after the rebar has been drilled completely through and finish drilling the hole with the rotary hammer and hammer bit.

NOTICE: The Relton carbide-tipped rotary rebar cutter is designed for use in a standard 1/2" drill motor, but a hammer drill with a standard 3-jaw chuck may be used provided the selector mechanism on the hammer drill is kept in the rotary-only position. The Relton carbide-tipped rotary rebar cutter is intended for rotary drilling only; percussion (hammering action) will damage the tool.

BRAZED-CARBIDE HOLE SAWS

Metal-Cutting HS Series

1" Drilling Depth Standard

Complete Saw includes:

- Hole saw cutter-head
- Shank (HS-S4 or HS-S6)
- Pilot (High-Speed Steel)

Will cut: Carbon Steel, Cast Iron, Stainless Steel, Aluminum



Dia. (in)	Complete w/ Shank & Pilot		Cutter-Head Only		Replacement Shanks	Replacement Pilots
	Part No.	Wt. (lbs)	Part No.	Wt. (lbs)	Part No.	Part No. Wt. (lbs)
3/4	HS-12	0.4	HS-12HO	0.3	S-12	
7/8	HS-14	0.4	HS-14HO	0.3		
1	HS-16	0.6	HS-16HO	0.3	HS-S4*	SP-41 0.1 High-Speed Steel 1/4" Dia. - 1" DD
1-1/8	HS-18	0.7	HS-18HO	0.4		
1-1/4	HS-20	0.7	HS-20HO	0.4		
1-3/8	HS-22	0.8	HS-22HO	0.4		
1-1/2	HS-24	0.9	HS-24HO	0.4		
1-5/8	HS-26	1.0	HS-26HO	0.5	HS-S47 HS-S410	
1-3/4	HS-28	1.1	HS-28HO	0.6		
1-7/8	HS-30	1.1	HS-30HO	0.6		
2	HS-32	1.1	HS-32HO	0.6	HS-S6*	SP-61 0.1 High-Speed Steel 3/8" Dia. - 1" DD
2-1/8	HS-34	1.3	HS-34HO	0.7		
2-1/4	HS-36	1.4	HS-36HO	0.8		
2-3/8	HS-38	1.4	HS-38HO	0.8		
2-1/2	HS-40	1.6	HS-40HO	0.8		
2-3/4	HS-44	1.6	HS-44HO	0.8		
3	HS-48	1.7	HS-48HO	0.9		
3-1/4	HS-52	1.9	HS-52HO	1.6		
3-1/2	HS-56	2.3	HS-56HO	1.9		
4	HS-64	2.6	HS-64HO	2.2		

* Supplied w/complete saw

Cutting Tools

Relton

Tub, Tile & Spa HST Series

2" Drilling Depth Standard

Complete Saw includes:

- Hole saw cutter-head
- Shank (HS-S4 or HS-S6)
- Pilot (Carbide tipped)

Will cut: Spas & Hot Tubs, Ceramic Tile†, Marble†

† Because of the differing densities of these materials, the number of holes cut may vary.



Dia. (in)	Complete w/ Shank & Pilot		Cutter-Head Only		Replacement Shanks		Replacement Pilots	
	Part No.	Wt. (lbs)	Part No.	Wt. (lbs)	Part No.	Part No.	Wt. (lbs)	Wt. (lbs)
3/4"	HST-12	0.4	HST-12HO	0.3	S-12			
7/8"	HST-14	0.4	HST-14HO	0.3				
1"	HST-16	0.6	HST-16HO	0.3	HS-S4* CP-42 0.1 Carbide-Tipped 1/4" Dia. - 2" DD			
1-1/8"	HST-18	0.8	HST-18HO	0.3				
1-1/4"	HST-20	0.8	HST-20HO	0.4				
1-3/8"	HST-22	0.9	HST-22HO	0.4				
1-1/2"	HST-24	1.0	HST-24HO	0.5				
1-5/8"	HST-26	1.0	HST-26HO	0.6				
1-11/16"	HST-27	1.1	HST-27HO	0.6				
1-3/4"	HST-28	1.1	HST-28HO	0.6				
1-15/16"	HST-31	1.2	HST-31HO	0.7				
2"	HST-32	1.3	HST-32HO	0.7				
2-1/8"	HST-34	1.3	HST-34HO	0.7	HS-S6* CP-62 0.1 Carbide-Tipped 3/8" Dia. - 2" DD			
2-1/4"	HST-36	1.4	HST-36HO	0.8				
2-1/2"	HST-40	1.4	HST-40HO	0.8				
3"	HST-48	1.5	HST-48HO	1.1				

* Supplied w/complete saw

Hole Saw Shank Specifications

S-12 Shank

- 1/2 - 13 threads
- 1/4" pilot hole
- 3/8" round shank w/3 flats
- 3" OAL Wt. 0.4 lbs



HS-S4 Series Shanks

- 3/4 - 10 threads
- 1/4" pilot hole
- 1/2" round shank w/3 flats
- HS-S4 - 3" OAL Wt. 0.5 lbs
- HS-S47 - 7" OAL Wt. 0.8 lbs
- HS-S410 - 10" OAL Wt. 1.2 lbs

HS-S6 Series Shank

- 3/4-10 threads
- 3/8" pilot hole
- 1/2" round shank w/3 flats
- HS-S6 - 3" OAL Wt. 0.5 lbs
- HS-S67 - 7" OAL Wt. 0.8 lbs
- HS-S610 - 10" OAL Wt. 1.2 lbs

Additional Pilots

Part No.	Description	Wt. (lbs)
CP-41	1/4" x 1" DD Carbide-Tipped	.01
CP-61	3/8" x 1" DD Carbide-Tipped	.01

Interrupted-Cut STHS Series

2" Drilling Depth Standard

Complete Saw Includes:

- Hole saw cutter head
- Shank (HS-S4 or HS-S6)
- Pilot (High-Speed Steel)

Will Cut: Pipe, Trench Cut, Cellular Metal and all types of ferrous and non-ferrous metals where an "interrupted" cut may occur.



Dia. (in)	Complete w/ Shank & Pilot		Cutter-Head Only		Replacement Shanks		Replacement Pilots	
	Part No.	Wt. (lbs)	Part No.	Wt. (lbs)	Part No.	Part No.	Wt. (lbs)	Wt. (lbs)
3/4"	STHS-12	0.4	STHS-12HO	0.3	S-12			
7/8"	STHS-14	0.5	STHS-14HO	0.3				
1"	STHS-16	0.8	STHS-16HO	0.4	HS-S4* SP-42 0.1 High-Speed Steel 1/4" Dia. - 2" DD			
1-1/8"	STHS-18	0.8	STHS-18HO	0.4				
1-1/4"	STHS-20	0.8	STHS-20HO	0.5				
1-3/8"	STHS-22	0.9	STHS-22HO	0.5				
1-1/2"	STHS-24	1.1	STHS-24HO	0.6				
1-3/4"	STHS-28	1.3	STHS-28HO	0.8				
2"	STHS-32	1.4	STHS-32HO	0.9				
2-1/4"	STHS-36	1.7	STHS-36HO	1.0				
2-3/8"	STHS-38	1.8	STHS-38HO	1.1				
2-1/2"	STHS-40	1.9	STHS-40HO	1.1				
2-3/4"	STHS-44	1.9	STHS-44HO	1.4	HS-S6* SP-62 0.1 High-Speed Steel 3/8" Dia. - 2" DD			
3"	STHS-48	2.1	STHS-48HO	1.6				
4"	STHS-64	3.2	STHS-64HO	2.7				

* Supplied w/complete saw

Wood/Fiberglass Cut IWHS Series

2" Drilling Depth Standard

Complete Saw Includes:

- Hole saw cutter head
- Shank (HS-S4 or HS-S6)
- Pilot (Carbide Tipped)

Will Cut: Wood, Fiberglass



Dia. (in)	Complete w/ Shank & Pilot		Cutter-Head Only		Replacement Shanks		Replacement Pilots	
	Part No.	Wt. (lbs)	Part No.	Wt. (lbs)	Part No.	Part No.	Wt. (lbs)	Wt. (lbs)
7/8"	IWHS-14	0.4	IWHS-14HO	0.3	S-12			
1"	IWHS-16	0.7	IWHS-16HO	0.3	HS-S4* CP-42 0.1 High-Speed Steel 1/4" Dia. - 2" DD			
1-1/8"	IWHS-18	0.8	IWHS-18HO	0.3				
1-1/4"	IWHS-20	0.8	IWHS-20HO	0.4				
1-3/8"	IWHS-22	0.8	IWHS-22HO	0.4				
1-1/2"	IWHS-24	1.0	IWHS-24HO	0.5				
1-3/4"	IWHS-28	1.1	IWHS-28HO	0.6	HS-S6* CP-62 0.1 High-Speed Steel 3/8" Dia. - 2" DD			
2"	IWHS-32	1.1	IWHS-32HO	0.6				
2-1/8"	IWHS-34	1.1	IWHS-34HO	0.6				
2-1/4"	IWHS-36	1.3	IWHS-36HO	0.7				
2-1/2"	IWHS-40	1.4	IWHS-40HO	0.7				
2-3/4"	IWHS-44	1.5	IWHS-44HO	1.1				
3"	IWHS-48	1.6	IWHS-48HO	1.1				
3-1/2"	IWHS-56	1.7	IWHS-56HO	1.3				
4"	IWHS-64	2.1	IWHS-64HO	1.6				

* Supplied w/complete saw

Plastic/Stucco Cut ISHS Series

2" Drilling Depth Standard

Complete Saw Includes:

- Hole saw cutter head
- Shank (HS-S4 or HS-S6)
- Pilot (Carbide Tipped)

Will Cut: PVC, Stucco, A.B.S. Materials, Aluminum Siding



Dia. (in)	Complete w/ Shank & Pilot		Cutter-Head Only		Replacement Shanks		Replacement Pilots	
	Part No.	Wt. (lbs)	Part No.	Wt. (lbs)	Part No.	Part No.	Wt. (lbs)	Wt. (lbs)
1"	ISHS-16	0.7	ISHS-16HO	0.3	HS-S4* CP-42 0.1 Carbide-Tipped 1/4" Dia. - 2" DD			
1-1/8"	ISHS-18	0.8	ISHS-18HO	0.4				
1-1/4"	ISHS-20	0.8	ISHS-20HO	0.4				
1-3/8"	ISHS-22	0.8	ISHS-22HO	0.4				
1-1/2"	ISHS-24	1.0	ISHS-24HO	0.5				
1-5/8"	ISHS-26	1.1	ISHS-26HO	0.6				
1-3/4"	ISHS-28	1.1	ISHS-28HO	0.6				
2"	ISHS-32	1.1	ISHS-32HO	0.6				
2-1/8"	ISHS-34	1.3	ISHS-34HO	0.6				
2-1/4"	ISHS-36	1.3	ISHS-36HO	0.7				
2-1/2"	ISHS-40	1.4	ISHS-40HO	0.8	HS-S6* CP-62 0.1 Carbide-Tipped 3/8" Dia. - 2" DD			
3"	ISHS-48	1.5	ISHS-48HO	1.1				
4"	ISHS-64	2.2	ISHS-64HO	1.8				

* Supplied w/complete saw

METAL-CUTTING FLUIDS

Rapid Tap® - All-Metal Cutting Fluid*

- Greatly extended tool life
- Super-fine machined finish in operation after operation
- Anti-mist protection for a healthier work environment
- No special labeling or reporting
- Excels in tough materials
- Contains no 1, 1, 1- trichloroethane or other ozone-depleting chemicals

Part #	Description	Case Qty.	Case/Drum Wt. (Lbs)†
04Z-NRT	4 Ounce Cans	24	10
PNT-NRT	Pint Cans	12	17
01G-NRT	1 Gallon Cans	4	40
05G-NRT	5 Gallon Pail	1	49
30G-NRT	30 Gallon Drum	1	287
55G-NRT	55 Gallon Drum	1	522



*Not recommended for titanium in some applications

Relton/Tenryu

A-9® - Aluminum-Cutting Fluid

- Eases all operations on aluminum: milling, broaching, drilling, threading, tapping, reaming, sawing, etc.
- Contains anti-mist component for a healthier work environment
- Contains a scientific blend of chemicals that attach themselves to aluminum surfaces, forming an extreme-pressure boundary lubricant between tool and work surface



Part #	Description	Case Qty.	Case/Drum Wt. (Lbs)†
04Z-A9	4 Ounce Cans	24	9
PNT-A9	Pint Cans	12	15
01G-A9	1 Gallon Bottles	4	34
05G-A9	5 Gallon Pail	1	43
30G-A9	30 Gallon Drum	1	239
55G-A9	55 Gallon Drum	1	433

Option 1® - Metal-Cutting Fluid*

- Option 1 leaves no oily residue
- Water-based
- No 1, 1, 1- trichloroethane or other ozone-depleting chemicals
- Cleans up with clean dry cloth or water
- Great for use in computer clean rooms, hospitals or when a weld operation follows machining operations



Part #	Description	Case Qty.	Case/Drum Wt. (Lbs)†
04Z-OP	4 Ounce Bottles	24	9
PNT-OP	Pint Bottles	12	15
01G-OP	1 Gallon Bottles	4	38
05G-OP	5 Gallon Pail	1	48
30G-OP	30 Gallon Drum	1	281
55G-OP	55 Gallon Drum	1	521

* NOT for use on metals that are water reactive, such as magnesium.

Tenryu

Power Tool Series

Power Tool Series for the contractor
Exceptional features and superior quality
TENRYU'S comprehensive line of blades for portable and stationary power tools. More variety, better quality and greater value. Size ranges from 3 3/8" to 14" for all types of applications.



- Fully hardened, expertly tensioned tool steel bodies absorb impact, remain flat and true, and resist excess heat build-up.
- High-grade, fine-grain tungsten carbide tips resist erosion for extended blade life.
- Aggressive rake angles for maximum speed and efficiency.
- Each tip is precision honed on all four exposed surfaces. This minimizes micro-chipping and results in a sharper, longer-lasting edge.
- Thin kerf for less waste and lighter cutting performance.
- Inserted tooth design on some models greatly increases the body to tip braze area for greater support and tip strength.
- Expansion slots and/or variable pitch gullets keep blade cool under stressful work loads.

Model No.	Dia. (in)	Teeth	Arbor	Gring	Kerf (in)	Rake	Application
PT-08520	3-3/8	20	15mm	ATB	.039	10	For trim work on 3-3/8" cordless saws. Great performance.
PT-10006-01	4	6	22mm	ATB	.157	20	For very clean and accurate biscuit slots in all woods.
PT-10006-02	4	6	22mm	ATAFR	.157	25/-15	For exceptionally clean and smooth biscuit slots in all woods.
PT-11036	4-3/8	36	20mm	ATAF	.063	15	For fine trim work on corded or cordless trim saws.
PT-11536	4-1/2	36	3/8"	ATAF	.063	15	For clean and easy trim work on the Porter Cable trim saw.
PT-13530	5-3/8	30	10mm	ATAF	.047	20	For long lasting performance on the DeWalt 5-3/8" cordless saw.
PT-14036	5-1/2	36	5/8"/1/2"	ATAF	.063	15	For fine and easy trim work on circular saws.

- continues -

Power Tool Series (continued)

Model No.	Dia. (in)	Teeth	Arbor	Gring	Kerf (in)	Rake	Application
PT-15236	6	36	1/2"	ATAF	.063	15	For excellent results on 6" corded or cordless saws.
PT-16524	6-1/2	24	5/8"	ATB	.079	20	For woodworking on 6-1/2" corded saws. FAST!
PT-16524-T	6-1/2	24	5/8"	ATAF	.059	20	For very fast and easy work on 6-1/2" corded or cordless saws.
PT-16540	6-1/2	40	5/8"	ATB	.079	20	For finer cuts on corded 6-1/2" saws.
PT-16540CR	6-1/2	40	BEVEL	ATB	.063	18	For use on the GRAIN JAMB SAW for carpet/flooring installers..
PT-16540-T	6-1/2	40	5/8"KO"	ATB	.063	18	Ultra-thin kerf for fine work on corded or cordless; saws.
PT-16552-T	6-1/2	52	5/8"KO"	ATAF	.063	18	Ultra-thin kerf for SUPER clean work on 6-1/2" saws.
PT-18516B	7-1/4	16	5/8"KO"	ATB	.073	27	Our super fast framing and decking blade with INSERTED teeth.
PT-18520B	7-1/4	20	5/8"KO"	ATB	.073	27	Our fast and furious 20 tooth INSERTED TOOTH blade for framers.
PT-18524	7-1/4	24	5/8"KO"	ATB	.070	20	The ULTIMATE 24 tooth contractor blade. Fast with long cutting life.
PT-18524-P	7-1/4	24	5/8"KO"	ATB	.070	20	The choice when cutting pressure treated or wet lumber. COATED.
PT-18540	7-1/4	40	5/8"KO"	ATB	.073	27	A spectacular INSERTED TOOTH finish blade. Great performance.
PT-18540CB	7-1/4	40	5/8"KO"	ATAF	.073	12	For long life when cutting SINGLE BOARD CEMENT FIBER BOARD.
PT-18540-T	7-1/4	40	5/8"KO"	ATB	.063	18	Ultra-thin blade for finish work on circular saws or trim saw.
PT-18552-T	7-1/4	52	5/8"KO"	ATAF	.063	18	Ultra-thin, ultra-fine blade for trim work. When fine cuts are vital.
PT-20360	8	60	5/8"	ATAF	.087	5	A no-nonsense clean cutting 8" wood working blade.
PT-21018	8-1/4	18	5/8"KO"	ATB	.075	25	Fast cutting for woodworking on table or circular saws.
PT-21040	8-1/4	40	5/8"KO"	ATB	.079	15	The tremendously popular 8-1/4" Power Tool Series blade.
PT-21060	8-1/4	60	5/8"KO"	ATAF	.079	12	For fine cuts in wood with a table saw or circular saw.
PT-21640	8-1/2	40	5/8"	ATB	.087	15	A super blade for use on 8-1/2" saws in wood.
PT-21660-1	8-1/2	60	5/8"	ATAF	.079	5	A super performer on 8-1/2" miter saws. None better.
PT-21680	8-1/2	80	5/8"	ATAF	.087	10	For extra-clean cuts in wood and wood products.
PT-23040	9	40	5/8"	ATAF	.087	5	Our Power Tool Series blade for 9" saws.
PT-25532	10	32	5/8"	ATAF	.091	5	A fast, durable 10" blade for miter or table saws.
PT-25540	10	40	5/8"	ATS	.083	0	NEW Power Tool Series blade for miter and table saws.
PT-25550	10	50	5/8"	ATAF	.091	15	INSERTED TEETH for use on miter saws. Great value.
PT-25560	10	60	5/8"	ATB	.083	0	NEW Power Tool Series blade for miter and table saws.
PT-25560D	10	60	5/8"	TCG	.087	10	Triple chip woodworking blade for Power Tool Series.
PT-25572	10	10	5/8"	ATB	.083	0	Clean performance on miter and table saws. NEW.
PT-25590	10	90	5/8"	ATAF	.091	10	For super clean cuts in wood on miter and table saws.
PT-30524	12	24	1"	FTG	.134	-8	For use by rescue squads and fire departments.
PT-30524A	12	24	20mm	FTG	.142	-8	Rescue saw, 20mm arbor.
PT-30524B	12	24	7/8"	FTG	.142	-8	Rescue saw, 7/8" arbor.
PT-30560	12	60	1"	ATAF	.094	3	Outstanding value. Excellent woodworking miter saw blade.
PT-30580	12	80	1"	ATAF	.094	5	Fine cut-off blade for woodworking on miter saws.
PT-305100	12	100	1"	ATAF	.094	5	Extra clean cuts in wood on your miter or radial arm saw.
PT-35524	14	24	1"	FTG	.142	-8	For use by rescue squads and fire departments.

Cutting Tools

Tenryu

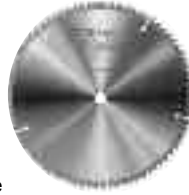
Alumi-Cut

TENRYU's best value for your non-ferrous metal cutting needs The Alumi-Cut series offers true quality and affordability.

These blades are available in a wide variety of sizes to fit most popular job site and shop saws. Excellent results in aluminum, copper brass and other non-ferrous metals. Also good for wood-working and plastic cutting when needed. Resharpener for long life, the Alumi-Cut blades will help you improve your bottom line!

EACH BLADE FEATURES:

- Fully-hardened, expertly-tensioned tool steel bodies for true and accurate cuts.
- Appropriate triple-chip grind pattern for non-ferrous metals...
- Quality carbide ground to precision.



Model No.	Dia. (in)	Teeth	Arbor (in)	Grind	Kerf (in)	Rake	Application
AC-18560D	7-1/4	60	5/8"KO"	TCG	.079	0	The very popular 7-1/4" Alumi-Cut blade for non-ferrous metal.
AC-20360D	8	60	5/8"	TCG	.087	0	An exceptional Alumi-Cut for 8" saws. Also works in plastic.
AC-21060D	8-1/4	60	5/8"KO"	TCG	.087	0	A great 8-1/4" blade for non-ferrous metals and plastics.
AC-21660D	8-1/2	60	5/8"	TCG	.087	0	Our 8-1/2" Alumi-Cut blade for work in non-ferrous and plastic.
AC-25560D	10	60	5/8"	TCG	.087	0	NEW! A super easy cutting Alumi-Cut blade.
AC-25580D	10	80	5/8"	TCG	.094	0	The hugely popular Alumi-Cut blade for clean non-ferrous work.
AC-255100D	10	100	5/8"	TCG	.094	0	A great choice when cutting thin non-ferrous stock.
AC-30580D	12	80	1"	TCG	.110	0	Great for non-ferrous or plastics on miter or radial arm saws.
AC-305100D	12	100	1"	TCG	.110	0	For thin stock non-ferrous and plastics on miter or RAS.
AC-355100D	14	100	1"	TCG	.118	0	Our 14" Alumi-Cut blade. Great value and performance.
AC-380100D	15	100	1"	TCG	.118	0	Fantastic for 15" miter saws for non-ferrous and plastics.
AC-405120D	16	120	1"	TCG	.134	0	An outstanding blade for non-ferrous cutting. Also works in plastics.

Plasti-Cut

TENRYU's best value for quality cuts in a wide variety of plastics.

The Plasti-Cut series offers true quality, variety and affordability. Designed for general purpose cutting applications, the Plasti-Cut blades will perform very well in a wide variety of plastic materials. Cutting plastics with the wrong blade results in chipping of brittle materials and/or melting of the cut edge. The TENRYU Plasti-Cut blades are manufactured to strict tolerances to reduce chipping. In addition, the "no melt" grind pattern in the carbide teeth helps keep heat production down and prevents melting. Smooth, clean and melt-free cuts in PVC, acrylics, and other sheet plastics are made possible.

Each blade features:

- Individually hammer tensioned steel plates for true run.
- Specially selected grade of carbide for excellent work in plastic.
- TENRYU's super fine honing leaves a mirror-like finish on the carbide for clean and melt-free cuts.



Model No.	Dia. (in)	Teeth	Arbor (in)	Grind	Kerf (in)	Rake	Application
PC-18560CB	7-1/4	60	5/8"KO"	ATAF	.079	5	An excellent blade for use in plastic and acrylic materials.
PC-25580CB	10	80	5/8"	ATAF	.102	5	For cutting a wide variety of plastics on 10" saws.
PC-305100CB	12	100	1"	ATAF	.110	5	Fine cutting blade for work in plastics of all kinds.
PC-355100CB	14	100	1"	ATAF	.118	5	Plasti-Cut. For great performance in a variety of plastics.

Rapid-Cut

Rapid-Cut TENRYU's Premium Heavy Duty Multi-Purpose Blades

We offer an entire line of industrial duty blades that cover the 10 to 16 inch diameter range. These blades are all meant to be used on shop tools such as table saws, miter saws and cut-off saws. In addition, many models can be used on more specialized machinery with arbor hole adjustments. Each blade has a large carbide tip which follows the European tradition and can be resharpened up to 20 times. These blades, with the exception of the 24t rippers are adequate for cross cuts and rip cuts making them good "combination blades."

Value is key here. These blades are priced very competitively. The small shop and corporate giant alike will appreciate getting a quality industrial blade at an affordable price.

Each Blade Features:

- Individually hand-hammered, fully heat hardened steel plates for flat, true, wobble-free operation.
- Aggressive grind angles for easy performance in heavy-duty jobs. Honing carried out at 400 grit to limit microchipping.
- Large, high-grade carbide tips selected for long life in woodworking applications.
- Ample side clearance provides for air flow between carbide and workpiece-limits likelihood of burning even heavy rips.



Model No.	Dia. (in)	Teeth	Arbor (in)	Grind	Kerf (in)	Rake	Application
RS-25524CBN	10	24	5/8	ATB	.126	20	Fast cutting rip blade for industry. Great value and performance.
RS-25524-U	10	24	5/8	ATB	.079	20	Ultra-thin 10" rip blade. Only .079" kerf. Fast and clean.
RS-25536CBN	10	36	5/8	ATB	.126	20	Fast cutting general purpose industrial blade. Great value.
RS-25540	10	40	5/8	ATAF	.118	15	Our very popular 40t Rapid-Cut blade for woodworking.
RS-25540-U	10	40	5/8	ATAF	.079	20	Ultra-thin kerf combination blade. Only .079" kerf.
RS-25548CBN	10	48	5/8	ATB	.126	20	Great for cross cuts And rip cuts in all woods. Super value.
RS-25550	10	50	5/8	ATBR	.126	15	Tenryu's Rapid-Cut combination blade. Outstanding rip or cross.
RS-25560	10	60	5/8	ATAF	.118	10	Clean cutting table saw blade.
RS-30524CBN	12	24	1	ATB	.134	20	Fast cutting rip blade for woodworking.
RS-30536CBN	12	36	1	ATB	.134	20	Semi-smooth cuts in wood. Great for hardwoods.
RS-30548CBN	12	48	1	ATB	.134	20	Clean combination blade for wood working.
RS-35624CBN	14	24	1	ATB	.142	20	Fast cutting for work in hardwoods. Industrial quality.
RS-35536CBN	14	36	1	ATB	.142	20	Fast cutting for work in hardwoods. Industrial quality.
RS-35548CBN	14	48	1	ATB	.142	20	Semi-smooth cuts in hardwoods. Good rips and crosses.
RS-40536CBN	16	36	1	ATB	.134	20	Fast and easy cuts in hardwoods on 16" saws.
RS-40560CB	16	60	1	ATAF	.126	15	Semi-smooth work in wood and wood products on 16" saws.

Tenryu

Steel-Pro and Stealth

Steel-Pro

TENRYU's steel cutting carbide tipped saw blades for industry

Cut steel faster, cleaner and easier save time, money and the environment.

TENRYU's complete series of steel cutting saw blades called "Steel-Pro" make light work out of all kinds of mild steel: steel studs, steel sheet, steel pipe, channel, threaded rod and much, much more.

Specially formulated C-6 carbide grade resists breakage on impact and lasts longer-much longer than standard carbides or abrasive discs.

Special tooth geometry with "inserted" tooth design greatly improves efficiency and durability.

Abrasive discs throw sparks and lots of dust, the Steel-Pro blades reduce spark production and eliminate abrasive wheel dust.

Abrasive discs wear quickly, requiring frequent blade changes. Steel-Pro blades allow you to keep working, eliminating down time for frequent blade changes. In addition, Steel-Pro cuts much faster.

Abrasive discs leave a burr at the cutting edge that must be removed later-the Steel-Pro blades cut clean, eliminating this after cut process.

Each Blade Features:

- Super-flat plates and specially formulated carbide tips with a special tooth grind give fast, clean cuts.
- High quality cuts without the clouds of dust and scorch marks associated with friction blades.
- Cool cuts that leave the workpiece edge free of burrs.
- Reduced cost-per-cut and maximized performance for the operator as a result of fewer blade changes.

Stealth

The STEALTH is TENRYU's next generation of steel cutting carbide tipped saw blades.

These blades are designed to be quieter than standard STEEL-PRO blades and will last longer as well. The Tenryu STEALTH blades allow you to cut a wide variety of mild steel materials with:

- No Dust Clouds
- Reduce Sparking
- Much Less Noise
- Less Burr on Edges
- Fewer Blade Changes

Features:

- Exclusive two-ply blade body for self dampening and low noise operation
- Individually hammer-tensioned steel plates for true run
- Unique tooth design and geometry for smoother and easier cuts
- Inserted teeth with chip limiting steel support for added durability and safety
- Tough C-6 carbide for impact resistance and long cutting life

STEALTH blades, when used for the proper application, will save lots of time and can outlast abrasive discs 30 to 1. Please note all safety instructions before use and adhere to instructions for maximum rpm speeds.

Model No.	Dia. (in)	Teeth	Arbor (in)	Grind	Kerf (in)	Rake	Application
PRF-13530	5-3/8	30	10mm	MTCG	.059	0	For long lasting performance on the DeWalt 5-3/8" cordless saw.
PRF-13550	5-3/8	50	10mm	FTG	.055	0	For the DeWALT cordless saw. Thin stock.
PRF-15238	6	38	1/2"	MTCG	.079	0	For cordless or corded saws.
PRF-16048	6-1/4	48	5/8"	MTCG	.079	0	For cordless or corded saws.
PRF-18538BW	7-1/4	38	5/8"KO"	MTCG	.079	0	Our Steel-Pro for cutting ferrous metal up to 1/4" thick.
PRF-18538DS	7-1/4	38	5/8"KO"	TCG	.079	0	NEW STEALTH Steel-Pro for ferrous metal up to 1/4" thick.
PRF-18548BW	7-1/4	48	5/8"KO"	ATB	.079	0	Our most popular Steel-Pro. Cuts thick (up to 1/8") and thin.
PRF-18548DS	7-1/4	48	5/8"KO"	MTCG	.079	0	NEW STEALTH Steel-Pro for ferrous metal (up to 1/8") thick.
PRF-18570BW	7-1/4	70	5/8"KO"	FTG	.067	-10	For cutting very thin steel. (Steel sheet, corrugated steel sheet etc).
PRF-21048BW	8-1/4	48	5/8"KO"	MTCG	.087	0	The 8-1/4" Steel-Pro for ferrous metal cutting with circular saws.

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Steel-Pro and Stealth (continued)

Model No.	Dia. (in)	Teeth	Arbor (in)	Grind	Kerf (in)	Rake	Application
PRF-25550D	10	50	1	TCG	.098	0	For 10" circular saws and low RPM saws for ferrous metal.
PRF-25550DS	10	50	1	TCG	.091	0	NEW STEALTH Steel-Pro for quiet cuts in mild steel.
PRF-30560D*	12	60	1	TCG	.098	0	For cutting mild steel on low RPM dry cut saws.
PRF-30560DS*	12	60	1	TCG	.094	0	NEW STEALTH Steel-Pro for low vibration cuts in mild steel.
PRF-30580BWS*	12	80	1	MTCG	.091	-5	NEW STEALTH Steel-Pro for low vibration cuts in mild steel (thin stock).
PRF-35572D*	14	72	1	TCG	.094	0	For use on dry-cut low RPM saws for cutting mild steel.
PRF-35572DS*	14	72	1	TCG	.094	0	NEW STEALTH Steel-Pro for low vibration cuts in mild steel.
PRF-35590BWS*	14	90	1	MTCG	.091	-5	NEW STEALTH Steel-Pro for low vibration cuts in mild steel (thin stock).
PRF-40580D*	16	80	1	TCG	.102	0	For use on low RPM saws for cutting mild steel.

*These blades are for use on low RPM chop saws only.



