

HOFFMAN *DIAMOND PRODUCTS*



Featuring our new High Performance 50mm U-notched segments

*Today after more than 105 years,
Hoffman Diamond is proud to
remain a privately held, and
American owned company.
Hoffman gives you over 100
years of experience in the
design and manufacture
of diamond tools to solve
your toughest problems.*



Also Introducing Our New Line of Pro 1200 Series Wall Saw Blades

800-444-4180

Wet Diamond Blade Catalog

Cured Concrete Blades

Sizes*	Sizes*
12 x .110	20 x .140
12 x .125	20 x .155
12 x .140	20 x .170
12 x .155	20 x .187
12 x .170	20 x .220
12 x .187	20 x .250
12 x .250	24 x .155
12 x .375	24 x .170
12 x .500	24 x .187
14 x .110	24 x .220
14 x .125	24 x .250
14 x .140	26 x .155
14 x .155	26 x .170
14 x .170	26 x .187
14 x .187	26 x .220
14 x .250	30 x .170
14 x .375	30 x .187
14 x .500	30 x .220
16 x .125	30 x .250
16 x .140	32 x .187
16 x .155	32 x .220
18 x .125	36 x .170
18 x .140	36 x .187
18 x .155	36 x .220
18 x .170	36 x .250
18 x .187	42 x .187
18 x .220	42 x .220
18 x .250	48 x .220
20 x .125	48 x .250

*1" arbor with drive pin hole is standard



Pro 1400 Series

- 0.460" diamond depth with an overall segment height of 0.545"
- Our highest segment height and diamond concentration for exceptionally long blade life
- Excellent in hard aggregates on high hp saws

Pro 1200 Series

- 0.390" diamond depth with an overall segment height of 0.475"
- Same high quality as our Pro 1000 Series blade with a taller segment for longer life
- For medium and high hp saws

Pro 1000 Series

- 0.320" diamond depth with an overall segment height of 0.405"
- High quality and long life blade suitable for tough, professional applications
- For medium and high hp saws

Pro 800 Series

- 0.250" diamond depth with an overall segment height of 0.335"
- High quality blade for fast cutting in a variety of applications
- For low to medium hp saws

Optional Vertical Drop Segments



Vertical Drop Segments (VDS) or kickers are used on cured concrete, asphalt and green concrete blades to retard core undercutting. VDS is available in 3 levels of undercut protection: Standard Protection available at no charge; Extra Protection or Maximum Protection available at a slight nominal charge.

Cured Concrete Blade Specifications

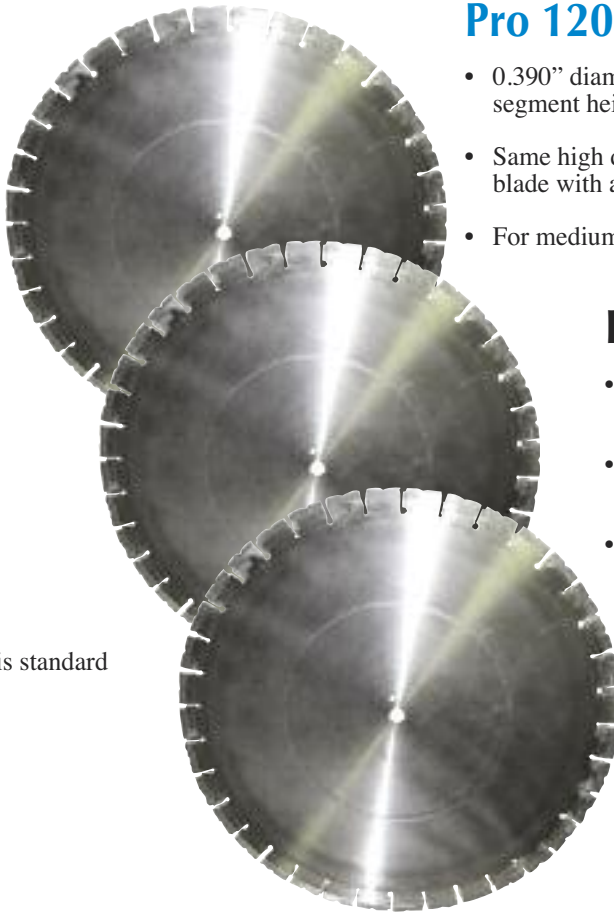
Material Guidelines

- **C10** - Fast cutting, concrete with hard aggregates - river gravels or flint aggregates
- **C20** - Fast cutting, concrete with moderate to heavy steel and hard aggregates - river gravels or flint aggregates
- **C30** - General purpose, concretes with all aggregates
- **C40** - General purpose, concrete with dense limestone aggregate
- **C50** - Long life, concrete with soft limestone aggregate and abrasive sand

Asphalt/Concrete, Asphalt, and Green Concrete Blades

Sizes*	Sizes*
12 x .125	20 x .125
12 x .140	20 x .140
12 x .187	20 x .170
12 x .250	20 x .187
12 x .375	20 x .250
14 x .125	24 x .155
14 x .140	24 x .170
14 x .187	24 x .187
14 x .250	24 x .250
14 x .375	26 x .155
16 x .125	26 x .170
16 x .140	26 x .187
18 x .125	30 x .170
18 x .140	30 x .187
18 x .155	30 x .250
18 x .170	32 x .187
18 x .187	36 x .170
18 x .250	36 x .250

*1" arbor with drive pin hole is standard



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- For medium and high hp saws

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Pro 800 Series

- 0.250" diamond depth with an overall segment height of 0.335"
- High quality blade for fast cutting in a variety of applications
- For low to medium hp saws

**Customer Service Call
(800) 444-4180**

Optional Vertical Drop Segments



Vertical Drop Segments (VDS) or kickers are used on cured concrete, asphalt and green concrete blades to retard core undercutting. VDS is available in 3 levels of undercut protection: Standard Protection available at no charge; Extra Protection or Maximum Protection available at a slight nominal charge.

Asphalt/Concrete, Asphalt, and Green Concrete Blade Specifications

Asphalt/Concrete

- **AC10** - designed for sawing concrete with light asphalt overlay (more concrete/less asphalt)
- **AC20** - designed for sawing concrete with heavy asphalt overlay (less concrete/more asphalt)

Asphalt

- **A10** - designed for fast cutting in hard asphalts
- **A20** - designed for general purpose, medium to hard asphalts
- **A30** - designed for general purpose, soft more abrasive asphalts

Green Concrete

- **G10** - designed for general purpose sawing green concrete containing medium to hard aggregates
- **G20** - designed for general purpose sawing green concrete containing medium to medium hard aggregates
- **G30** - designed for sawing green concrete with soft aggregates and abrasive sand

Wall Saw and Hand Saw Blades

Sizes*	Sizes*
12 x .125	24 x .220
12 x .140	24 x .250
14 x .125	26 x .187
14 x .140	26 x .220
16 x .125	26 x .250
16 x .140	30 x .187
18 x .125	30 x .220
18 x .140	32 x .187
18 x .187	32 x .220
18 x .220	36 x .187
18 x .250	36 x .220
20 x .125	36 x .250
20 x .140	42 x .187
20 x .187	42 x .220
20 x .220	42 x .250
20 x .250	48 x .220
24 x .187	48 x .250



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

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Wall Saw and Hand Saw Blade Specifications

Pro & Pro Plus Series

- **Pro Series** - standard diamond concentration best suited for lower torque air saws
- **Pro Plus Series** - higher diamond concentration best suited for higher torque hydraulic saws

Wall Saw (22mm) split segments

- **WS10** - concrete with hard aggregates, river gravels, or flint
- **WS20** - concrete with medium hard aggregates, granites
- **WS30** - concrete with medium aggregates, softer granites, some trap rock
- **WS40** - concrete with dense limestone, abrasive block or brick
- **WS50** - concrete with limestone aggregates and abrasive sand

Wall Saw (50mm) non-split segments

- **WN50** - concrete with hard to medium hard aggregates
- **WN30** - concrete with medium aggregates
- **WN50** - concrete with limestone aggregates and abrasive sand

Pro 1200 & Pro Plus 1200 Series

- 0.390" diamond depth with an overall segment height of 0.475"
- Same high quality as our Pro 1000 Series blade with a taller segment for longer life for medium and high hp saws
- Pro Plus 1200 Series for longer life on higher torque hydraulic saws
- Pro 1200 Series for longer life on lower torque air saws

Pro 1000 & Pro Plus 1000 Series

- 0.320" diamond depth with an overall segment height of 0.405"
- High quality and long life blade suitable for tough, professional applications
- Pro Plus 100 Series for longer life on higher torque hydraulic saws
- Pro 1000 Series for longer life on lower torque air saws

Sandwich Segment

- Faster cutting by maintaining blade core side clearance throughout the active cutting life of the blade
- Improve blade tracking in the cut helping to minimize blade deflection
- Longer blade life than conventional segments by preventing blade core binding from lack of side clearance



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