# DIAMOND BLADES

2025 PRODUCT GUIDE





CONTRACTOR PROVEN EQUIPMENT

**SINCE 1946** 

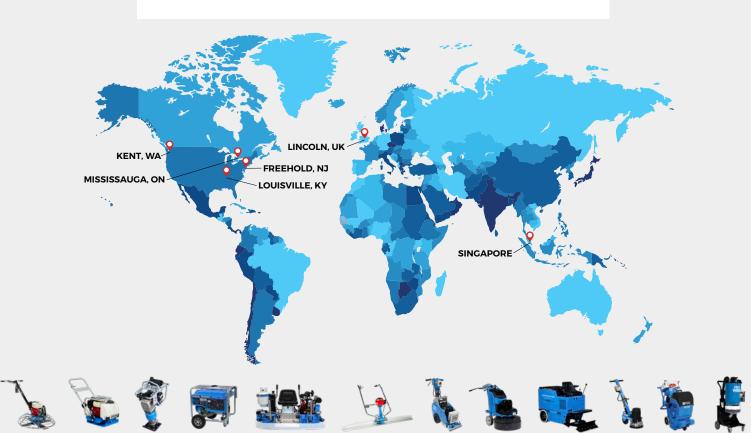
BartellGlobal.com



# CONTRACTOR PROVENUM EQUIPMENT

OVER 75 YEARS OF QUALITY EQUIPMENT MANUFACTURING

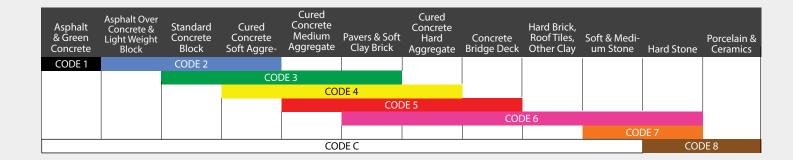
Our story began in 1946 when Art Bartell started building equipment for the construction industry. The Bartell brand quickly earned the trust & loyalty of contractors across North America. Now, 75 years later, Bartell Global has grown into an industry-leading international manufacturer of high-end Construction and Surface Preparation Equipment.







* Shaded portions represent common stock items.	Rev 02
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Bartell turbo blades are available in both general purpose bonds, and bonds for stone cutting. With five different quality levels to choose from, you know you'll find the right blade for your budget and application.



# **ECONOMY & VALUE**

BTS 1 & 2 SERIES

SINTERED ATTACHMENT SEGMENT HEIGHT 10 & 8MM

	,	وانويرا	Ы.	eSizes	CODE 3	CODE 3
	F	walla	יוטו	esizes	Part #	Part #
4"	х	.080	х	7/8 - 5/8"	4BTS1.3	4BTS2.3
41/2"	х	.080	х	7/8 - 5/8"	412BTS1.3	412BTS2.3
5"	Х	.080	х	7/8 - 5/8"	5BTS1.3	5BTS2.3
6"	Х	.080	х	7/8 - 5/8"	6BTS1.3	6BTS2.3
7"	Х	.095	Х	5/8" Universal	7BTS1.3	7BTS2.3
8"	Х	.095	Х	5/8" Universal	8BTS1.3	8BTS2.3
9"	Х	.095	х	5/8" Universal	9BTS1.3	-
10"	Х	.095	х	5/8" Universal	10BTS1.3	10BTS2.3
12"	Х	.125	х	1" - 20mm	12BTM1.3	12BTM2.3
14"	Х	.125	х	1" - 20mm	14BTM1.3	14BTM2.3



# **STANDARD QUALITY**

BTS 3 SERIES

SINTERED ATTACHMENT SEGMENT HEIGHT 8MM

	A	waila	abl	eSizes	Part #
4"	х	.080	х	7/8 - 5/8"	4BTS3.3
41/2"	х	.080	Х	7/8 - 5/8"	412BTS3.3
5"	х	.080	Х	7/8 - 5/8"	5BTS3.3
6"	х	.080	Х	7/8 - 5/8"	6BTS3.3
7"	х	.095	х	5/8" Universal	7BTS3.3
8"	х	.095	Х	5/8" Universal	8BTS3.3
9"	х	.095	Х	5/8" Universal	9BTS3.3
10"	Х	.095	Х	5/8" Universal	10BTS3.3
12"	х	.125	х	1" - 20mm	12BTM3.3
14"	х	.125	Х	1" - 20mm	14BTM3.3



# **PREMIUM QUALITY**

BTS 4 SERIES

SINTERED ATTACHMENT SEGMENT HEIGHT 9MM

	Α	vaila	bl	eSizes	CODE 3 Part #
4"	х	.080	х	7/8 - 5/8"	4BTS4.3
41/2"	Х	.080	х	7/8 - 5/8"	412BTS4.3
5"	х	.080	х	7/8 - 5/8"	5BTS4.3
6"	х	.080	х	7/8 - 5/8"	6BTS4.3
7"	Х	.095	х	5/8" Universal	7BTS4.3
8"	х	.095	х	5/8" Universal	8BTS4.3
9"	х	.095	х	5/8" Universal	9BTS4.3
10"	х	.125	х	5/8" Universal	10BTS4.3
12"	х	.125	х	1" - 20mm	12BTM4.3
14"	х	.125	х	1" - 20mm	14BTM4.3



# **SUPREME QUALITY**

BTS 5 SERIES

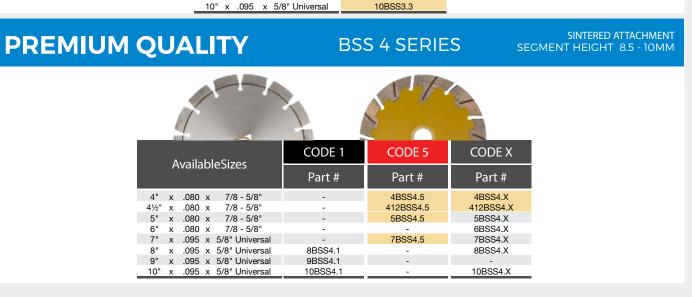
SINTERED ATTACHMENT SEGMENT HEIGHT 8MM

	۸	vaila	الما	eSizes	CODE 6
	А	valla	IDI	esizes	Part #
4"	х	.080	х	7/8 - 5/8"	4BTS5.6
41/2"	х	.080	х	7/8 - 5/8"	412BTS5.6
5"	х	.080	х	7/8 - 5/8"	5BTS5.6
6"	х	.080	х	7/8 - 5/8"	6BTS5.6
7"	Х	.095	х	5/8" Universal	7BTS5.6
8"	Х	.095	х	5/8" Universal	8BTS5.6
9"	Х	.095	х	5/8" Universal	9BTS5.6
10"	Х	.095	х	5/8" Universal	10BTS5.6
12"	Х	.125	х	1" - 20mm	12BTM5.6
14"	Х	.125	х	1" - 20mm	14BTM5.6

Bartell offers 5 quality levels and four different applications of small diameter segmented blades. Segment heights range from 8mm to 12mm giving you great life. We also have both HPS and laser welded blades. With all of these great features, you know that we give you the best selection of price and quality available.







# **BSM PRODUCT SPOTLIGHT**



# **BSM PRODUCT SPOTLIGHT**





#### **BSM2.1 SERIES**

10mm HPS w/UCP

Light duty blade for small jobs.

Narrow gullet design good for asphalt and green concrete.

Best used on hand held



#### **BSM3.1 SERIES**

12mm LW w/UCP

Medium duty blade for average jobs.

Wide gullet design great for asphalt.

Use on hand held saws up to 13hp push saws.



#### **BSM4.1 SERIES** 12mm HPS w/UCP

Heavy duty blade for large jobs.

Narrow gullet design for asphalt and green concrete.

Use on hand held saws up to 20hp push saws



#### **BSM5.1 SERIES**

10mm LW w/UCP

Professional duty blade.

Wide gullet design great for asphalt.

Use on hand held saws and up to 20hp push saws.



## BSM4.6 SERIES

**0mm HPS** 

Samurai 2

-segment with ibbed core. Our best performing blade.

Jse on hand held, masonry saws and up to 13hp push saws.



#### **BSM3.6 SERIES**

<u> 10mm segment</u>

Medium duty blade.

Wide gullet design great for brick and

Best use on hand held and masonry saws.



#### BSM4.7 SERIES

0mm seament

Medium duty blade.

Great for stone brick concrete and pavers.

Best use on hand held and masonry saws.



12.5mm segment

Entry level blade.

Great for brick, pavers,

Best use on hand held

concrete and stone.

and masonry saws.

#### **BSM0.4 SERIES BSM1.4 SERIES**

12.5mm laser welded

Value level blade.

Great for brick, block concrete and pavers.

Best use on hand held and masonry saws.



#### **BSM3.4 SERIES**

13mm segment

Heavy duty blade.

Great for brick, block concrete and pavers.

> Best use on hand held and masonry saws.



#### **BSM2.3 SERIES**

12mm LW segment

Made in America.

Good speed and life in concrete brick, block and pavers.

Use on hand held masonry and up to 13hp push saws.



#### **BSM3.3 SERIES**

13mm LW segment

Medium duty blade.

Good speed and life in concrete brick, block and pavers.

Use on hand held 20hp push saws.



masonry and up to



#### **BSM4.3 SERIES**

15mm LW skip segment

Heavy duty blade.

seaments for fast cutting of masonry.

masory saws.





Alternating turbo

Use on hand held and

#### **BSM4.5 SERIES**

10mm HPS T-Seg

Heavy duty blade

T-Segment design propels blade for effortless cutting.

Use on hand held. masonry saws and up to 13hp push saws.



#### **BSM2.CP SERIES**

10mm LW segment with UCP

Cuts most materials.

Our lowest cost combination blade

Use on hand held. masonry saws and up to 13hp push saws.

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#### **BSM3.C SERIES**

10mm LW segment

Professional Blade.

Wide gullet design

and pavers.

Best use on hand held and masonry saws.



great for brick, stone



#### BSM4.C SERIES

10mm w/UCP

Heavy duty blade. Use for cutting a bit of everything shown.

Use on hand held, push and masonry saws.



#### **BSM5.C SERIES**

12mm w/UCP

Professional blade. Use for cutting a bit of everything shown.

Use on hand held, push and masonry saws.



#### **BSM4.X SERIES**

Vacuum braised

Professional blade.

Patterned diamond for fast cutting.

Use on hand held masonry saws and up to 20hp push saws.



#### **BSM5.X SERIES**

Vacuum braised.

Silicon carbide core protection. Use for cutting steel,

plastic, fibre glass,

aluminum and more. Use on hand held and

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masonry saws.

#### Cured Standard Cured Concrete Hard Brick, Concrete Medium Pavers & Soft Concrete Concrete Concrete Roof Tiles, Soft & Medi-Hard Porcelain & Clay Brick Aggregate Aggregate Bridge Deck Other Clay CODE 1 CODE 3 CODE 4 CODE 5 CODE 6 CODE C CODE 8

# UNDERSTANDING THE PART NUMBER

4BSS3.2 Diameter Blade, Segmented **Application** Quality Small Diameter Level Code

# MEDIUM DIAMETER SEGMENTED 12"-20" WET OR DRY BLADES

12BSM4.D

14RSM4 D

16BSM4.D

AC-D

12" x .125 x 1"

14" x .125 x 1"

16" x .125 x 1"

18" x .140 x 1"

12" x .125 x 1"

14" x .125 x 1"

16" x .125 x 1"

12BSM4.X

14RSM4 X

16BSM4.X

18BSM4.X

AC-X

12BSM5.X

14BSM5 X

16BSM5.X



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# 12"-36" FLAT SAW WET BLADES



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Value Quality	CODE 1	CODE 2	CODE 3	CODE 4	CODE 5	CODE 6	CODE 7	CODE 8	CODE C
12" x .125 x 1"				12BSM0.4					
14" x .125 x 1"				14BSM0.4					
StandardQuality	CODE 1	CODE 2	CODE 3	CODE 4	CODE 5	CODE 6	CODE 7	CODE 8	CODE C
12" x .125 x 1"				12BSM1.4					
14" x .125 x 1"				14BSM1.4	14BSM1.5				
16" x .125 x 1"				16BSM1.4					
PremiumQuality	CODE 1	CODE 2	CODE 3	CODE 4	CODE 5	CODE 6	CODE 7	CODE 8	CODE C
12" x .125 x 1"	12BSM2.1		12BSM2.3	12BSM2.4	12BSM2.5				
14" x .125 x 1"	14BSM2.1		14BSM2.3	14BSM2.4	14BSM2.5				
16" x .125 x 1"	16BSM2.1								
12" x .125 x 1"						12BSM2.6P			
14" x .125 x 1"						14BSM2.6P			14BSM2CP
16" x .125 x 1"						16BSM2.6P			16BSM2CP
Premium Plus Quality	CODE 1	CODE 2	CODE 3	CODE 4	CODE 5	CODE 6	CODE 7	CODE 8	CODE C
12" x .125 x 1"	12BSM3.1		12BSM3.3	12BSM3.4	12BSM3.5	12BSM3.6			12BSM3.C
14" x .125 x 1"	14BSM3.1		14BSM3.3	14BSM3.4	14BSM3.5	14BSM3.6			14BSM3.C
16" x .125 x 1"	16BSM3.1		16BSM3.3						16BSM3.C
18" x .125 x 1"			18BSM3.3						18BSM3.C
20" x .125 x 1"			20BSM3.3						
Professional Quality	CODE 1	CODE 2	CODE 3	CODE 4	CODE 5	CODE 6	CODE 7	CODE 8	CODE C
12" x .125 x 1"	12BSM4.1	12BSM4.2	12BSM4.3	12BSM4.4	12BSM4.5	12BSM4.6	12BSM4.7		12BSM4.C
14" x .125 x 1"	14BSM4.1	14BSM4.2	14BSM4.3	14BSM4.4	14BSM4.5	14BSM4.6	14BSM4.7		14BSM4.C
16" x .125 x 1"	16BSM4.1	16BSM4.2	16BSM4.3	16BSM4.4					16BSM4.C
18" x .125 x 1"	18BSM4.1	18BSM4.2	18BSM4.3	18BSM4.4					18BSM4.C
20" x .125 x 1"	20BSM4.1	20BSM4.2	20BSM4.3	20BSM4.4					20BSM4.C
SupremeQuality	CODE 1	CODE 2	CODE 3	CODE 4	CODE 5	CODE 6	CODE 7	CODE 8	CODE C
12" x .125 x 1"	12BSM5.1	12BSM5.2	12BSM5.3	12BSM5.4		12BSM5.6			12BSM5.C
14" x .125 x 1"	14BSM5.1	14BSM5.2	14BSM5.3	14BSM5.4		14BSM5.6			14BSM5.C
16" x .125 x 1"	16BSM5.1	16BSM5.2	16BSM5.3						16BSM5.C
18" x .125 x 1"	18BSM5.1	18BSM5.2	18BSM5.3	18BSM5.4					18BSM5.C
20" x .125 x 1"	20BSM5.1	20BSM5.2	20BSM5.3	20BSM5.4					20BSM5.C
24" x .140 x 1"									24BSM5.C
Specialty Premium	AC-D	AC-X		CI	ISTOM SIZES	S AVAILABLE	CALL FOR F	SETALL C	

#### CUSTOM SIZES AVAILABLE. CALL FOR DETAILS.

AC-D Ductile Iron Blades Specifically for use on ductile iron pipe. Electroplated silicon carbide core design keep blade from binding in the cut.

AC-X Combination Blades
Use on steel, aluminum, stainless steel, fibreglass, composites and
commercial roofing.

Bartell's BFS series blades are manufactured in the United States and we offer bonds for every application. We stock 12" through 36" diameter, but can build up to 54" diameter with any custom specification available. Recommended for 27hp and above. **STANDARD QUALITY** LASER ATTACHMENT BFS3 SERIES SEGMENT HEIGHT .300" CODE 1 CODE 2 CODE 3 CODE 4 CODE 5 Available Sizes Part # Part # Part # Part # 12" x .125 x 1" 12BFS3.1 12BFS3.2 12BFS3.3 12BFS3.4 12BFS3.5 14" x .125 x 1" 14BFS3.1 14BFS3.2 14BFS3.3 14BFS3.4 14BFS3.5 16" x .125 x 1" 16BFS3.1 16BFS3.2 16BFS3.3 16BFS3.4 16BFS3.5 18" x .125 x 1" 18BFS3.1 18BFS3.2 18BFS3.3 18BFS3.4 18BFS3.5 20" x .125 x 1" 20BFS3.1 20BFS3.2 20BFS3.3 20BFS3.4 20BFS3.5 24BFS3.1 24BFS3.2 24BFS3.3 24BFS3.4 24BFS3.5 26" x .165 x 1" 26BFS3.1 26BFS3.2 26BFS3.3 26BFS3.4 26BFS3.5 30" x .187 x 1" 30BFS3.1 30BFS3.2 30BFS3.3 30BFS3.4 30BFS3.5 36" x .187 x 1" 36BFS3.1 36BFS3.2 36BFS3.3 36BFS3.4 36BFS3.5 PREMIUM QUALITY LASER ATTACHMENT BFS4 SERIES SEGMENT HEIGHT .400" CODE 1 CODE 2 CODE 3 CODE 4 CODE 5 **Available Sizes** Part # Part # Part # Part # Part # 12BFS4.2 12" x .125 x 1" 12BFS4.1 12BFS4.3 12BFS4.4 12BFS4.5 14" x .125 x 1" 14BFS4 1 14BFS4 2 14BFS4 3 14BFS4 4 14BFS4 5 16" x .125 x 1" 16BFS4.1 16BFS4.2 16BFS4.3 16BFS4.4 16BFS4.5 18" x .125 x 1" 18BFS4.1 18BFS4.2 18BFS4.3 18BFS4.4 18BFS4.5 20" x .125 x 1" 20BFS4.1 20BFS4.2 20BFS4.3 20BFS4.4 20BFS4.5 24" x .165 x 1" 24BFS4.1 24BFS4.2 24BFS4.3 24BFS4.4 24BFS4.5 26" x .165 x 1" 26BFS4.1 26BFS4.2 26BFS4.3 26BFS4.4 26BFS4.5 30" x .187 x 1" 30BFS4.1 30BFS4.2 30BFS4.3 30BFS4.4 30BFS4.5 36" x .187 x 1" 36BFS4.1 36BFS4.2 36BFS4.3 36BFS4.4 36BFS4.5 **SUPREME QUALITY** LASER ATTACHMENT BFS5 SERIES SEGMENT HEIGHT .450" CODE 2 CODE 1 CODE 3 CODE 4 CODE 5 **Available Sizes** Part # Part # Part # Part # Part # 12BFS5.1 12BFS5.3 12BFS5.4 12BFS5.5 12" x .125 x 1" 12BFS5.2 14" x .125 x 1" 14BFS5.1 B14FS5.2 B14FS5.3 B14FS5.4 B14FS5.5 16" x .125 x 1" 16BFS5.1 16BFS5.2 16BFS5.3 16BFS5.4 16BFS5.5 18" x .125 x 1" 18BFS5.1 18BFS5.2 18BFS5.3 18BFS5.4 18BFS5.5 20" x .125 x 1" 20BFS5.1 20BFS5.2 20BFS5.3 20BFS5.4 20BFS5.5 24BFS5.1 24BFS5.2 24BFS5.3 24BFS5.4 24BFS5.5 26" x .165 x 1" 26BFS5.1 26BFS5.2 26BFS5.3 26BFS5.4 26BFS5.5 30" x .187 x 1" 30BFS5.1 30BFS5.2 30BFS5.3 30BFS5.4 30BFS5.5 36" x .187 x 1" 36BFS5.1 36BFS5.3 36BFS5.4 36BFS5.5

# TUCK POINT BLADES



Bartell Tile and Stone blades are available in both continuous rim and serrated, from 4" through 14".

4BCS2.8

412BCS2.8

6BCS2.8

8BCS2.8

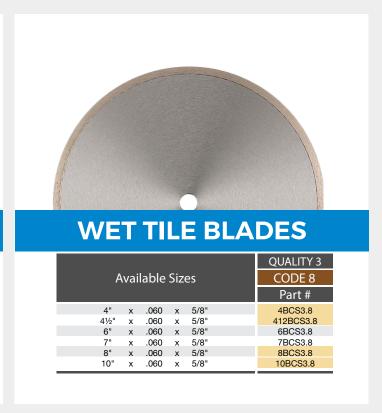
10BCS2.8



4" x .060 x 5/8"

6" x .060 x 5/8"

8" x .060 x 5/8"





<b>VE</b>	ΓР	O	R	CE	EL#	AIN	BLAD	Ε
							QUALITY 4	
	A	vai	lable	Siz	es		CODE 8	
							Part #	
	4"	х	.060	х	5/8"		4BCM4.8	
	6"	х	.060	х	5/8"		6BCM4.8	
	7"	Х	.060	х	5/8"		7BCM4.8	
	8"	х	.060	х	5/8"		8BCM4.8	
	10"	Х	.060	х	5/8"		10BCS4.8	
	12"	Х	.080	х	1"		12BCS4.8	
	14"	Х	.080	х	1"		14BCS4.8	



More than 50% of the cost of a re-pointing job is labor related. The right tuck point blade can reduce up to 40% of the grinding time. Bartell offers 5 different types of tuck point blades to give you the best combination of speed and life.



# **ECONOMY TUCK POINT**

					QUALITY 1	
	Ava	ailable	Size	es	CODE 2	
					Part #	
4"	х	.250	х	7/8"	4BTP1.2	
41/2"	Х	.250	х	7/8"	412BTP1.2	
5"	Х	.250	Х	7/8"	5BTP1.2	
 7"	Х	.250	Х	7/8"	7BTP1.2	



# **VALUE QUALITY**

					QUALITY 2
A	∖vai	ilable	Size	·S	CODE 2
					Part #
4"	Х	.250	х	7/8"	4BTP2.2
41/2"	Х	.250	Х	7/8"	412BTP2.2
5"	Х	.250	Х	7/8"	5BTP2.2
7"	х	.250	Х	7/8"	7BTP2.2



# **PREMIUM TUCK POINT**

			QUALITY 3
	Availa	able Sizes	CODE 2
			Part #
4" x	.250"	Twin Tuck Point	4BTP3.2
4" x	.375"	Triple Tuck Point	4375BTP3.2
4½" x	.250"	Twin Tuck Point	412BTP3.2
4½" x	.375"	Triple Tuck Point	412375BTP3.2
5" ×	.250"	Twin Tuck Point	5BTP3.2
5" ×	.375"	Triple Tuck Point	5375BTP3.2
7" ×	.250"	Twin Tuck Point	7BTP3.2
7" x	.375"	Triple Tuck Point	7375BTP3.2



# **SUPREME TUCK POINT**

					QUALITY 5
A	CODE 2				
					Part #
4"	Х	.250	х	7/8"	4BTP5.2
41/2"	Х	.250	Х	7/8"	412BTP5.2
5"	Х	.250	Х	7/8"	5BTP5.2
7"	х	.250	Х	7/8"	7BTP5.2



# **GRINDING WHEELS**



V-Shape Crack Chaser for dry cutting. Blade is designed to clean and widen pavement cracks for repair and resealing fast and efficiently. These blades are ideal for use with angle grinders. Our professional grade products have the highest diamond particles per segment and are manufactured for industrial use with life of product to the core. Ideal for crack repair specialists, concrete restoration and pre-surface preparation.

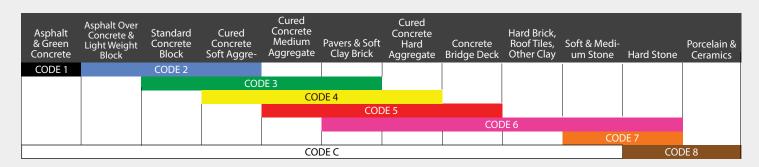


# STANDARD V-SEGMENT

# **PREMIUM V-SEGMENT**

AvailableSizes	CODE 3
	Part #
4" x 1/4 x 7/8 - 5/8"	414CCV2.3
4" x 3/8 x 5/8 - 11"	438CCV2.3T
5" x 1/4 x 7/8 - 5/8"	514CCV2.3
5" x 3/8 x 7/8 - 5/8"	538CCV2.3
7" x ½ x 7/8 - 5/8"	714CCV2.3
7" x 3/8 x 7/8 - 5/8"	738CCV2.3
8" x 1/4 x 7/8 - 5/8"	814CCV2.3
8" x 3/8 x 7/8 - 5/8"	838CCV2.3

AvailableSizes	CODE 3
	Part #
4" x 3/8 x 5/8 - 11"	438CCV3.3T
4" x ½ x 7/8 - 5/8"	412CCV3.3
5" x 3/8 x 7/8 - 5/8"	538CCV3.3
5" x ½ x 7/8 - 5/8"	512CCV3.3
7" x 3/8 x 5/8 - 11"	738CCV3.3T
7" x ½ x 7/8 - 5/8"	712CCV3.3
8" x 3/8 x 7/8 - 5/8"	838CCV3.3
8" x ½ x 7/8 - 5/8"	812CCV3.3



Choose from 4 different cup designs and four different quality levels to fit all of your grinding needs. Cup wheels are available in 4" through 7" diameters



# **SINGLE ROW CUP WHEEL**

	QUALITY 1	QUALITY 2
AvailableSizes	CODE 3	CODE 3
	Part #	Part #
4" x 7/8"	-	4CSS2.3
4" x 5/8"-11	4CSS1.3T	4CSS2.3T
4½" x 7/8"	-	412CSS2.3
4½" x 5/8"-11		412CSS2.3T
5" x 7/8"	-	5CSS2.3
5" x 5/8"-11		5CSS2.3T
7" x 7/8"	-	7CSS2.3
7" x 5/8"-11	7CSS1.3T	7CSS2.3T



# **T-SEGMENT CUP WHEEL**

	QUALITY 1	QUALITY 4
AvailableSizes	CODE 3	CODE 3
	Part #	Part #
4" x 7/8"	-	4CTS4.3
4" x 5/8"-11	4CTS1.3T	4CTS4.3T
4½" x 7/8"	-	412CTS4.3
4½" x 5/8"-11		412CTS4.3T
5" x 7/8"	-	5CTS4.3
5" x 5/8"-11		5CTS4.3T
7" x 7/8"	-	7CTS4.3
7" x 5/8"-11	7CTS1.3T	7CTS4.3T



# **DOUBLE ROW CUP WHEEL**

	QUALITY 1
AvailableSizes	CODE 3
	Part #
4" x 7/8"	4CDS1.3
4" x 5/8"-11	4CDS1.3T
4½" x 7/8"	-
4½" x 5/8"-11	-
5" x 7/8"	-
5" x 5/8"-11	5CDS1.3T
7" x 7/8"	7CDS1.3
7" x 5/8"-11	7CDS1.3T

QUALITY 2
CODE 3
Part #
4CDS2.3
4CDS2.3T
412CDS2.3
412CDS2.3T
5CDS2.3
5CDS2.3T
7CDS2.3
7CDS2 3T

QUALITY 4
CODE 3
Part #
4CDS4.3
4CDS4.3T
412CDS4.3
412CDS4.3T
-
-
7CDS4.3
7CDS4.3T



# **SEGMENTED TURBO WHEEL**

	QUALITY 1	QUALITY 2
AvailableSizes	CODE 3	CODE 3
	Part #	Part #
4" x 7/8" 8 Segment	-	4CST2.3
4" x 5/8"-11 8 Segment	4CST1.3T	4CST2.3T
4½" x 7/8" 9 Segment	-	412CST2.3
4½" x 5/8"-11 9 Segment	-	412CST2.3T
7" x 7/8" 12 Segment	-	7CST2.3
7" x 5/8"-11 12 Segment	7CST1.3T	7CST2.3T

				QUALITY 3	QUALITY 4
Available Sizes		e Sizes	CODE 3	CODE 3	
				Part #	Part #
4"	Х	7/8"	14 Segment	4CST3.3	4CST4.3
4"	х	5/8"-11	14 Segment	4CST3.3T	4CST4.3T
41/2"	х	7/8"	15 Segment	412CST3.3	-
41/2"	х	5/8"-11	15 Segment	412CST3.3T	-
7"	х	7/8"	24 Segment	7CST3.3	7CST4.3
7"	Х	5/8"-11	24 Segment	7CST3.3T	7CST4.3T

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# CONCRETE BIT ADAPTERS



Bartell Diablox grinding blocks and diamond discs are used on low rpm single and dual disc floor grinders. Diablox are a great alternative to stones because of production rates and cost.



## 10" GRINDING DISCS

	QUALITY 4	QUALITY 4	QUALITY 5
AvailableSizes	CODE 1	CODE 3	CODE 3
	Part #	Part #	Part #
20 Segment 4 Bolt	10GDS4.1	10GDS4.3	10GDS5.3





## **DIABLOX**

	QUALITY4	QUALITY4
AvailableSizes	CODE 1	CODE 3
	Part #	Part #
4" x 2" x 2" Grinding Block	DBX4.1	DBX4.3
4.3 Replacement Plate	-	DBX4.3RP
Wood Wedge - All blocks	DBXWW	DBXWW
6 Piece kit with case		DBX43KIT

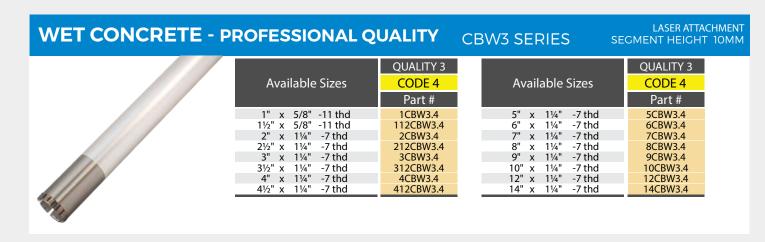
Magnetic Diamond Grinding and Polishing Discs and Pads may be found in our Grinding and Polishing catalog. Ask your Bartell Global sales person for details.



Our wet core bit designs feature laser welded segments for safety. The CBW2.4 series offers a unique concave edge design for fast starting. The CBW3.4 series has a serrated segment for fast drilling, and has a threaded cap so you can add 12" tube extensions for deeper drilling.



#### LASER ATTACHMENT **WET CONCRETE - PREMIUM QUALITY CBW2 SERIES** SEGMENT HEIGHT 10MM QUALITY 2 **QUALITY 2** AvailableSizes **AvailableSizes** ODE 4 CODE 4 Part # Part # 1" x 5/8" -11 thd 1CBW2.4 41/2" x 11/4" -7 thd 412CBW2.4 118CBW2.4 1 1/8"x 5/8" -11 thd 5" x 11/4" -7 thd 5CBW2 4 6" x 11/4" -7 thd 11/4" x 5/8" -11thd 114CBW2.4 6CBW2.4 11/2" x 5/8" -11thd 112CBW2.4 7" x 11/4" -7 thd 7CBW2.4 8" x 11/4" -7 thd 2" x 11/4" -7 thd 2CBW2 4 8CBW2 4 21/2" x 11/4" -7 thd 212CBW2.4 9CBW2.4 9" x 11/4" -7 thd 3" x 11/4" -7 thd 10" x 11/4" -7 thd 10CBW2 4 3CBW2 4 31/2" x 11/4" -7 thd 312CBW2.4 12" x 11/4" -7 thd 12CBW2 4 14" x 11/4" -7 thd 14CRW2 4 4" x 11/4" -7 thd 4CRW2 4





# GRANITE & MARBLE DRILL BITS AND HOLE SAWS

Dry Masonry Bits are available from 1"- 6" diameters. Bartell's CDB3.2 series bits are made for drilling dry through brick or block but not concrete. Instead, the Mongoose design has been drilling through reinforced concrete, brick, pavers and block since 2006. Utilizing high rpm and low torque, the Mongoose will drill dry where conventional bits won't.

DRY MASONRY - STANDARD QUALITY CBD3 SERIES

LASER ATTACHMENT SEGMENT HEIGHT 8MM

QUALITY 3

QUALITY 3

QUALITY 3



QUALITY 3
CODE 2
Part #
1CBD3.2
112CBD3.2
2CBD3.2
212CBD3.2
3CBD3.2
312CBD3.2
4CBD3.2
412CBD3.2

	QUALITY 3
AvailableSizes	CODE 2
	Part #
5" x 5/8" -11 thd	5CBD3.2
6" x 5/8" -11 thd	6CBD3.2

# **MONGOOSE DRY - PRO QUALITY**

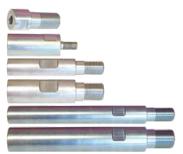


	QUALITY 5
Available Sizes	CODE 4
	Part #
1"	1CBD5.4S
11/4"	114CBD5.4S
11/2"	112CBD5.4S
1¾"	134CBD5.4S
2"	2CBD5.4S
21/4"	214CBD5.4S
21/2"	212CBD5.4S

#### CBD5 SERIES

Available Sizes	QUALITY 5
	CODE 4
	Part #
2¾"	234CBD5.4S
3"	3CBD5.4S
31/2"	312CBD5.4S
4"	4CBD5.4S
41/2"	412CBD5.4S
5"	5CBD5.4S
6"	6CBD5.4S

## **CORE BIT EXTENSIONS AND ADAPTERS**



		Description	Part #
	Adapter, Increasing	5/8"-11 female to 11/4-7 male	Al58114
	Adapter, Reducing	11/4"-7 female to 5/8"-11 male	AR11458
	Extension	5/8"-11 x 6"	E586
	Extension	11/4"-7 x 6"	E1146
	Extension	5/8"-11 x 12"	E5812
	Extension	1¼"-7 x 12"	E11412
)	Mongoose Adapter	5/8"-11" Female	AD58M
)			

Great for drilling anchor or pass through holes in granite and marble counter tops and slabs.

# **STEM DRILL BITS**

WET USE ONLY 3/8" STEM



# THREADED DRILL BITS

WET USE ONL 3/8" STEM



	QUALITY 3
Available Sizes	CODE 7
	Part #
3/16"	316DBS3.7T
1/4"	14DBS3.7T
5/16"	516DBS3.7T
3/8"	38DBS3.7T
7/16"	716DBS3.7T
1/2"	12DBS3.7T
9/16"	916DBS3.7T
5/8"	58DBS3.7T
3/4"	34DBS3.7T

# **CONTINUOUS STEM MOUNT HOLE SAWS**



	QUALITY 3
Available Sizes	CODE 7
	Part #
5/8"	58HSS3.7
3/4"	34HSS3.7
7/8"	78HSS3.7
1"	1HSS3.7
1 1/8"	118HSS3.7
1 1/4"	114HSS3.7
1 3/8"	138HSS3.7
1 1/2"	112HSS3.7
1 5/8"	158HSS3.7

Available	QUALITY 3	
Sizes	CODE 7	
	Part #	
1 3/4"	134HSS3.7	
1 7/8"	178HSS3.7	
2"	2HSS3.7	

# **PROFESSIONAL GRADE HOLE SAWS**



Available Sizes				QUALITY 5		
				CODE 7		
						Part #
	1"	х	5/8"	-11		1HSS5.7T
	11/4"	Х	5/8"	-11		114HSS5.7T
	13/8"	Х	5/8"	-11		138HSS5.7T
	11/2"	х	5/8"	-11		112HSS5.7T
	1¾"	х	5/8"	-11		134HSS5.7T
	2"	х	5/8"	-11		2HSS5.7T





Indy-Cutt Diamond Blades are designed for cutting green concrete with Soff-Cut® brand concrete saws. Our high quality blades incorporate a laser welded design and double roll tensioning for the cleanest cut available.

## **INDY-CUTT GREEN CONCRETE**

AvailableSizes	Part #	
5" x .080	5BEE41C	
5½" x .080	512BEE41C	
6" x .095	6BEE41C	
8" x .095	8BEE41C	
10" x .095	10BEE41C	
10" x .250	10250BEE41C	
12" x .125	12BEE41C	
12" x .250	12250BEE41C	

AvailableSizes	Part #	
13½" x .125	1312BEE41C	
13½" x .250	1312250BEE41C	
14" x .125	14BEE41C	
14" x .250	14250BEE41C	







### **BLADE SPEED REQUIREMENTS**

Blade Diameter	Optimum Operation Speed*	Maximum Safe Speed**
4"	9072	15000
<b>4</b> ½"	8063	13300
5"	7257	12000
6"	6048	10185
7"	5184	8730
8"	4536	7640
9"	4032	6790
10"	3629	6115
12"	3024	5095
12" H/S	-	6300
14"	2592	4365
14" H/S	-	5460
16"	2268	3820
16" H/S	-	4725
18"	2016	4500
20"	1814	3055
24"	1512	2550
30"	1120	2040
36"	1008	1700
42"	864	1455
48"	756	1275

<sup>\*</sup>Based on 11,000 sfpm (Optimum performance range for cutting) \*\*Represents maximum tool speed

# AVERAGE CUTTING DEPTHS

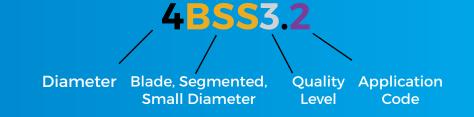
Road	l Saw	Tile	Saw
12"	3 1/8"	4"	3/4'
14"	4 5/8"	4 1/2"	1"
16"	5 %"	5"	1 1/
18"	6 %"	6"	1 3/
20"	7 %"	7"	2 ½
24"	9 %"	8"	2 3/
26"	10 %"	9"	3 1/
30"	11 ¾"	10"	3 ¾
36"	14 ¾"	\\/all	Saw
42"	17 ¾"		
48"	19 ¾"	18"	6 1/2

Masonry Saw		
14"	5"	
16"	6"	
18"	7"	
20"	8"	

Wall Saw		
	18"	6 ½"
	24"	9 ½"
	30"	11 ½"
	36"	14 ½"
	42"	17 ¾"
	48"	20 ¾"

Cut Off Saw		
12"	3 ¾"	
14"	4 3/4"	

# **UNDERSTANDING THE PART NUMBER**





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