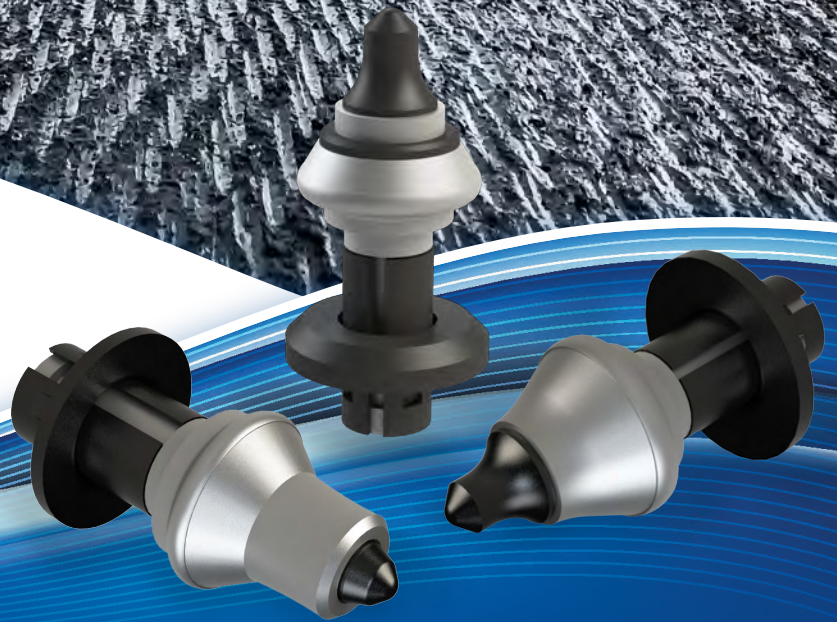




ROAD MILLING & RECLAIMING

All Locations

XCAL TOOLS of Beckley

256 Industrial Drive
Oak Hill, WV 25901
P: (304) 465-0651

XCAL TOOLS of Bristol

15020 Industrial Park Road
Bristol, VA 24202
P: (276) 644-3520

XCAL TOOLS of Clare

314 E. 4th Street
Clare, MI 48617
P: (989) 386-5376

XCAL TOOLS of South Point

235 Commerce Drive
South Point, OH 45680
P: (740) 377-3354

XCAL Industries

843 Lochgelly Road
Oak Hill, WV 25901
P: (304) 469-4721





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SUPERIOR QUALITY

XCAL TOOLS takes pride in manufacturing and selling a full line of road planing, soil stabilization, reclaiming, grading, trenching and foundation drilling bits and carbide tooling products that are American-made. Our inhouse operations gives us the flexibility to quickly test and adapt to changing environments and customer needs. Our cost effective production methods, allows us to provide an exceptional product of the highest quality.



SERVICE AND INNOVATION

For over 20 years, our carbide producer XCAL INDUSTRIES, has been producing high quality carbide for the mining, roof drilling, snow and ice removal, road planing, wear products and metal cutting blanks, producing over fifty grades of cemented carbide and the capability to develop extra coarse, tougher grades to meet the demands of the industry.

These affiliates of Jennmar, in collaboration with each other, can provide you with superior quality products and unmatched customer service. Our commitment to the customer is guided by three words; SAFETY, SERVICE, and INNOVATION. It's these words that form the foundation of our business. It's who we are.



Carbide Tips

We are an ISO 9001 certified facility that offers a wide range of carbide tips to match the various challenges that you might face. Producing over fifty grades of cemented carbide and the ability to create new ones, we can find a carbide grade to meet your needs. Our versatility helps us to check and respond easily to evolving conditions and customer needs. All of our tips provide superb penetration and maximum productivity – regardless of whether you work in soft, medium-hard or extremely hard and demanding conditions.



INSERT



XTEND-A-BIT™
VALVE-SEAT
WITH CARBIDE RING



CAP



Insert Carbide Tips

Insert carbide tips are best for penetration applications where steel wash is not an issue. These tips are ideal for use in hard, high-impact conditions.



Cap Carbide Tips

Flat bottom carbide tips are the preferred general application tip that effectively works in 80% of cutting conditions.



Valve-Seat Carbide Tips

Valve-Seat carbide tips have a valve-seat braze joint for increased strength and shear resistance. The tips provide excellent penetration, and the large carbide shoulder gives excellent protection against steel wash. These tips are best suited for use in soft to medium materials or conditions.



Carbide Ring

Strategically placed carbide ring prevents body wear, maximizing carbide tip use. The carbide ring also adds greater block protection.



HD Washer

XCAL TOOLS's engineered heavy duty washer provides optimum rotation and superior block face protection allowing the bit to be used to its full life.



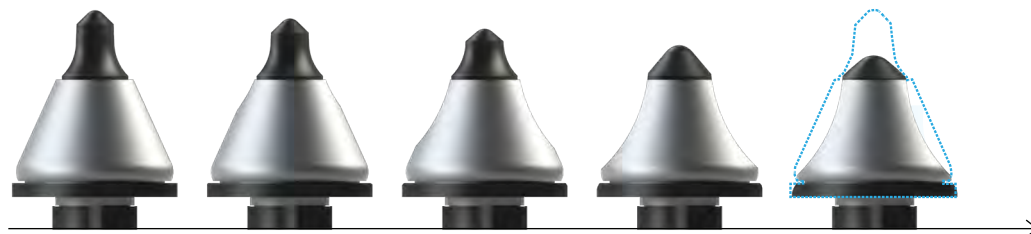
Proudly made in the U.S.A.

Tool Wear

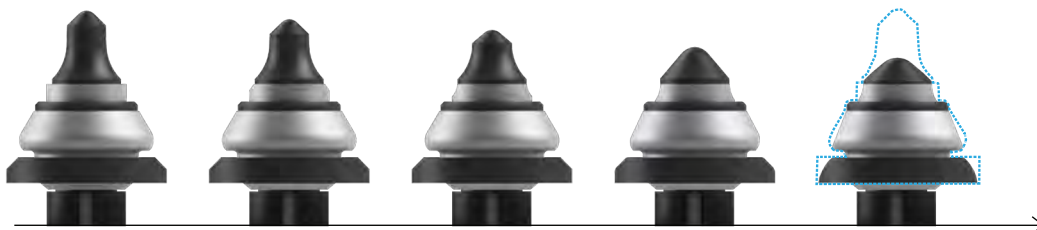
XTEND-A-BIT™ tools are equipped with a carbide ring placed slightly below the tip to prevent body wear and maximize carbide tip use. Each tool is available with either a valve seat or cap carbide tip. XTEND-A-BIT tools reign supreme in high body wash conditions.



Standard Body - Wear Over Time*



Heavy Duty Body - Wear Over Time*



Xtend-A-Bit™ Body - Wear Over Time*

Choosing the Right Bit for Your Application

XTEND-A-BIT™ is fitted with a carbide ring that protects the steel body of the bit from erosion when the bits are exposed to extremely abrasive material.

If your heavy duty bits consistently show an hour-glass wear pattern on the body, but the carbide tips are not wearing away, consider replacing your bits with the XTEND-A-BIT.

Customers who have previously experienced hourglass wear, who have replaced their bits with XTEND-A-BITs, report two to three times their bit life.

Ideal applications for XTEND Series (CARBIDE RING) tools:

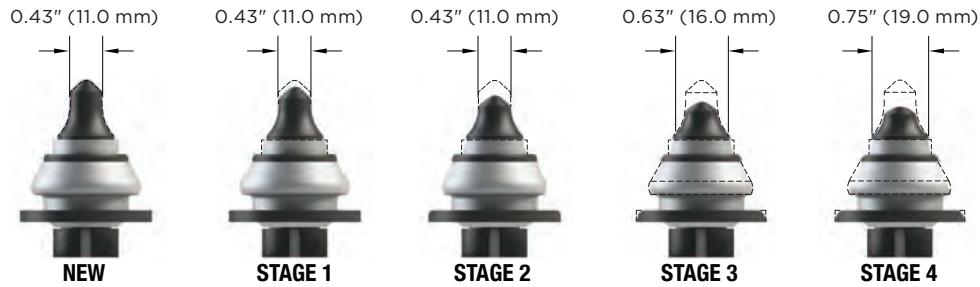
- Tools are worn out and still have considerable life remaining in the tip.
- High steel/body wear.
- Any heavy wear application.



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Tool Wear Characteristics

For maximum productivity, use tools until stage three of wear.



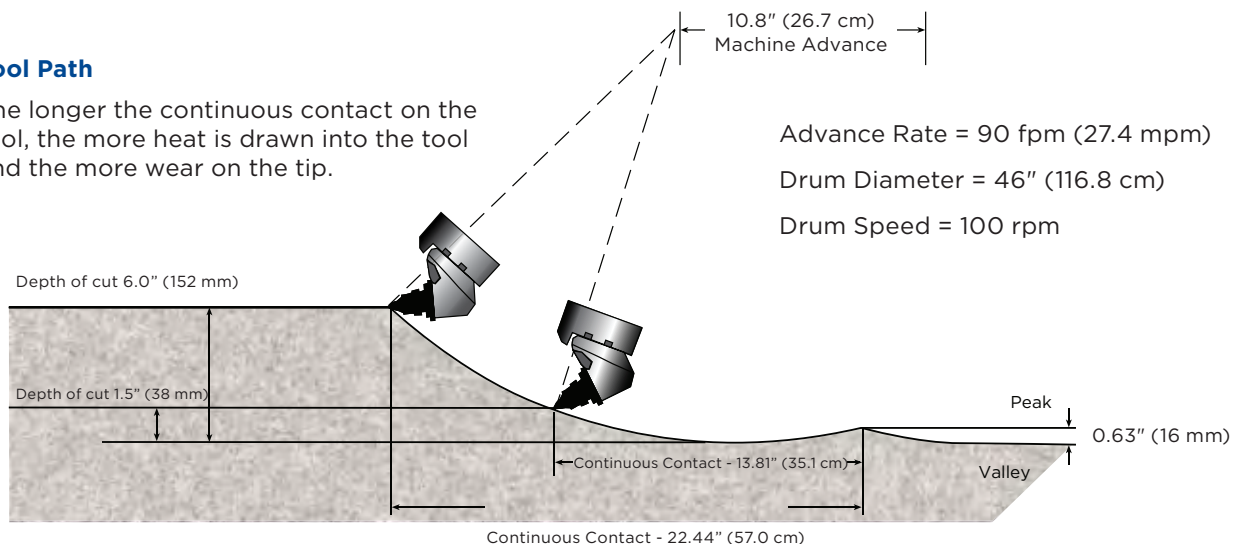
Tools Engaged and Surface Area of the Tip in the Cut

This chart shows the change in the total surface area of tips engaged as wear occurs. Tip wear relates to the depth of cut and speed at which the machine is operating, as indicated below.

					NP68 SURFACE AREA OF TIPS IN THE CUT									
					NEW TOOL		STAGE 1		STAGE 2		STAGE 3		STAGE 4	
SPEED					in ²	cm ²	in ²	cm ²	in ²	cm ²	in ²	cm ²	in ²	cm ²
DEPTH OF CUT	FPM	MPM	TOOLS ENGAGED *		0.15	1.00	0.15	1.00	.15	1.00	.322	2.00	0.43	0.8
1.5" (3.8 cm)	30	9.1	11		1.62	10.5	1.62	10.5	1.62	10.5	3.47	22.4	4.78	30.9
1.5" (3.8 cm)	60	18.3	13		1.91	12.4	1.91	12.4	1.91	12.4	4.10	26.5	5.65	36.5
1.5" (3.8 cm)	120	36.6	17		2.50	16.2	2.50	16.2	2.50	16.2	5.37	34.6	7.39	47.7
3" (7.6 cm)	30	9.1	15		2.21	14.3	2.21	14.3	2.21	14.3	4.47	30.6	6.52	42.1
3" (7.6 cm)	60	18.3	16		2.36	15.2	2.36	15.2	2.36	15.2	5.05	32.6	6.96	44.9
3" (7.6 cm)	120	36.6	20		2.95	19.0	2.95	19.0	2.95	19.0	6.31	40.7	8.69	56.1
6" (15.2 cm)	30	9.1	20		2.95	19.0	2.95	19.0	2.95	19.0	6.31	40.7	8.69	56.1
6" (15.2 cm)	60	18.3	22		3.24	20.9	3.24	20.9	3.24	20.9	6.95	44.8	9.56	61.7
6" (15.2 cm)	120	36.6	26		3.83	24.7	3.83	24.7	3.83	24.7	8.21	53.0	11.30	72.9
12" (30.5 cm)	30	9.1	28		4.12	26.6	4.12	26.6	4.12	26.6	8.84	57.0	12.17	78.5
12" (30.5 cm)	60	18.3	30		4.42	28.5	4.42	28.5	4.42	28.5	9.47	61.1	13.04	84.1

Tool Path

The longer the continuous contact on the tool, the more heat is drawn into the tool and the more wear on the tip.



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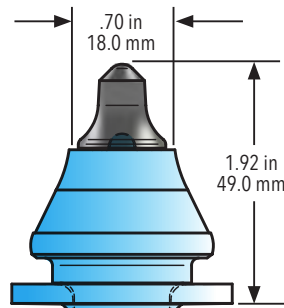
Road Milling/Reclaiming 19MM



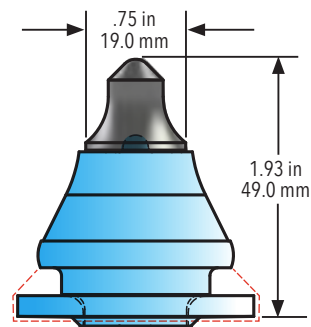
Features:

- Unique tool design provides superior rotation
- Full sleeve retainer and washer maintain maximum block bore and seat protection
- Puller groove for easy extraction

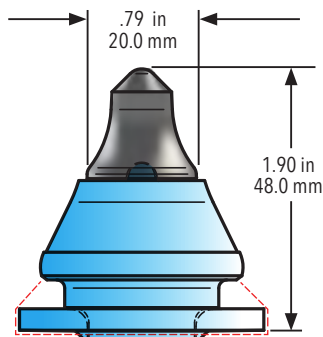
Part Number	Shank (in, mm)	Tip Diameter (in, mm)	Base Diameter (in, mm)	Gauge (in, mm)	Pieces per Box	Pieces per Pallet
P5	.74 in 19.0 mm	.36 in 9.2 mm	.70 in 18.0 mm	1.92 in 49.0 mm	50	3000
P6 PW6	.74 in 19.0 mm	.41 in 10.5 mm	.75 in 19.0 mm	1.92 in 48.8 mm	50	3000
P7 PW7	.74 in 19.0 mm	.43 in 11.0 mm	.79 in 20.0 mm	1.90 in 48.0 mm	50	3000
P14 PW14	.74 in 19.0 mm	.48 in 12.0 mm	.47 in 12.0 mm	2.05 in 52.0 mm	50	3000
P88	.74 in 19.0 mm	.45 in 11.4 mm	.79 in 20.0 mm	2.00 in 51.0 mm	50	3000
PW88	.74 in 19.0 mm	.45 in 11.4 mm	.79 in 20.0 mm	2.00 in 51.0 mm	50	3000



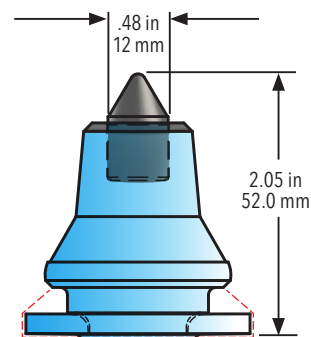
P5
Carbide Flat Bottom Cap



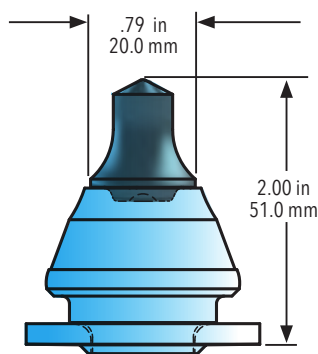
P6 - Standard Washer
PW6 - HD Washer*
Carbide Flat Bottom Cap



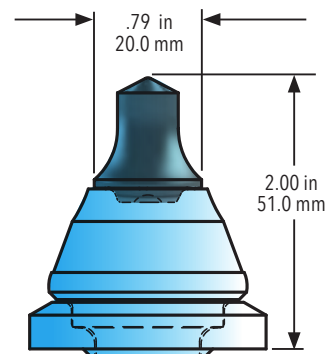
P7 - Standard Washer
PW7 - HD Washer*
Carbide Flat Bottom Cap
--- *(HD Washer)



P14 - Standard Washer
PW14 - HD Washer*
Carbide Plug
For concrete grinding applications.



P88
Carbide Valve Seat Cap



PW88 - HD Washer*
Carbide Valve Seat Cap



Proudly made in the U.S.A.



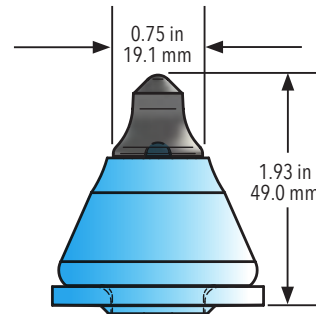
Road Milling/Reclaiming 19MM Heavy Duty



Features:

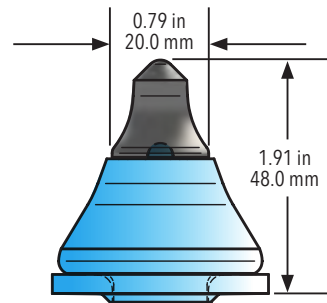
- Heavy duty body provides longer body life in steel wash conditions
- Full sleeve retainer and washer maintain maximum block bore and seat protection

Part Number	Shank (in, mm)	Tip Diameter (in, mm)	Base Diameter (in, mm)	Gauge (in, mm)	Pieces per Box	Pieces per Pallet
PH6	0.74 in 19.0 mm	0.41 in 10.5 mm	0.75 in 19.1 mm	1.93 in 49.0 mm	50	3000
PH7	0.74 in 19.0 mm	0.41 in 10.5 mm	0.79 in 20.0 mm	1.91 in 48.0 mm	50	3000
PH86	0.74 in 19.0 mm	0.45 in 11.4 mm	0.79 in 20.2 mm	1.80 in 46.0 mm	50	3000
PH87	0.74 in 19.0 mm	0.47 in 11.9 mm	0.79 in 20.2 mm	1.88 in 48.0 mm	50	3000



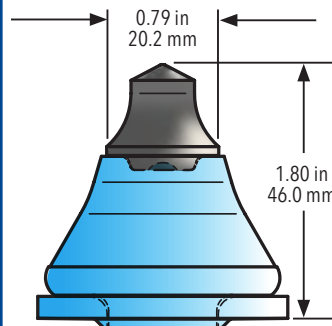
PH6

Carbide Flat Bottom Cap



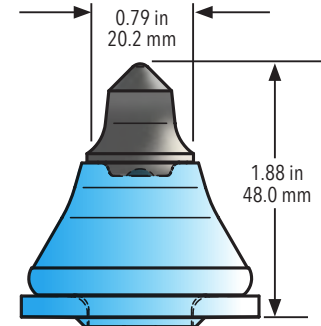
PH7

Carbide Flat Bottom Cap



PH86

Carbide Valve Seat Cap



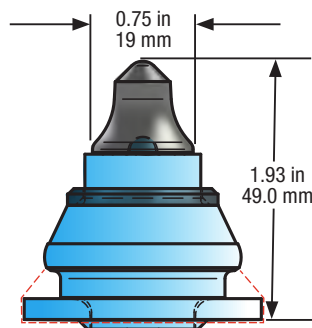
PH87

Carbide Valve Seat Cap



Proudly made in the U.S.A.

Road Milling/Reclaiming 19MM XTEND-A-BIT™

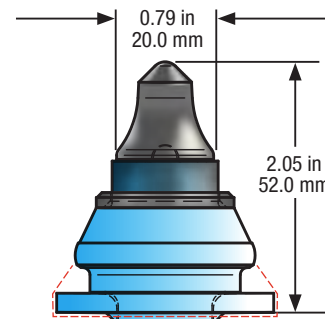


PX6 - Standard Washer

PWX6 - *HD Washer

Carbide Flat Bottom Cap

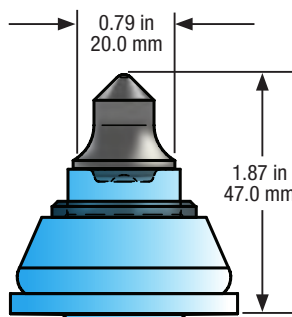
*(HD Washer)



PX7 - Standard Washer

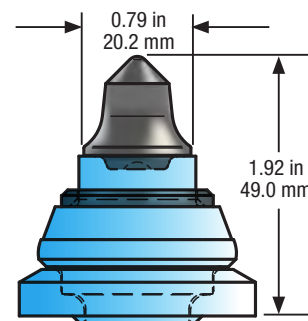
PWX7 - *HD Washer

Carbide Flat Bottom Cap



PHX87 - Standard Washer

Carbide Valve Seat Cap



PWX87 - HD Washer

Carbide Valve Seat Cap

Features:

- Strategically placed carbide ring prevents body wear, maximizing carbide tip use
- Carbide ring also adds greater block protection if tip is lost
- Puller groove feature for easy enhanced rotation
- Full sleeve retainer and washer maintain maximum block bore and seat protection

Part Number	Shank (in, mm)	Tip Diameter (in, mm)	Base Diameter (in, mm)	Gauge (in, mm)	Pieces per Box	Pieces per Pallet
PX6	0.74 in 19.0 mm	0.41 in 10.5 mm	0.75 in 19.0 mm	1.93 in 49.0 mm	50	3000
PWX6	0.74 in 19.0 mm	0.41 in 10.5 mm	0.75 in 19.0 mm	1.93 in 49.0 mm	50	3000
PX7	0.74 in 19.0 mm	0.74 in 19 mm	0.79 in 20.0 mm	2.05 in 52.0 mm	50	3000
PWX7	0.74 in 19.0 mm	0.74 in 19 mm	0.79 in 20.0 mm	2.05 in 52.0 mm	50	3000
PHX87	0.74 in 19.0 mm	0.47 in 12.0 mm	0.79 in 20.0 mm	1.87 in 47.0 mm	50	3000
PWX87	0.74 in 19.0 mm	0.47 in 12.0 mm	0.79 in 20.0 mm	1.92 in 49.0 mm	50	3000



ALL ROAD MILLING TOOLS ARE NOT CREATED EQUAL

XTEND-A-BIT's enhanced carbide tip bit is suited for cutting extremely hard or thick asphalt, or for use in applications where you may inadvertently strike rock in the road base.

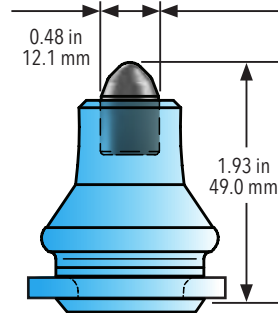
Customers who have previously experienced hourglass wear, who have replaced their bits with XTEND-A-BITS, report two to three times their bit life!



Proudly made in the U.S.A.

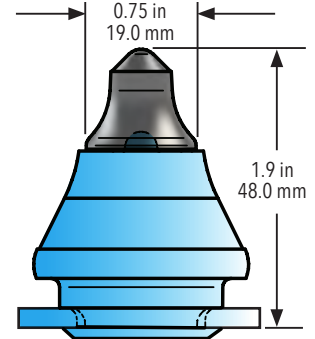


Road Milling/Reclaiming 22MM



P203

Carbide Plug -
For concrete grinding
applications.



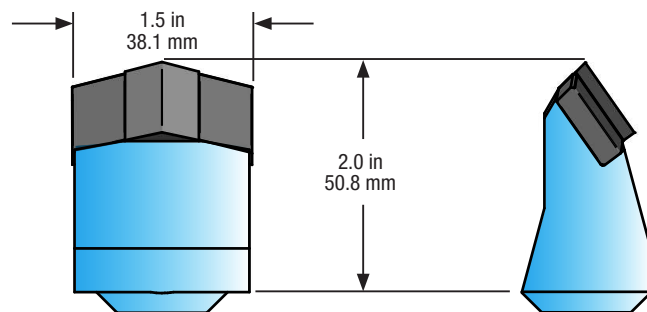
P26

Carbide Flat
Bottom Cap

Features:

- Unique tool design provides superior rotation
- Puller groove for easy extraction
- Full sleeve retainer and washer maintain maximum block bore and seat protection

Part Number	Shank (in, mm)	Tip Diameter (in, mm)	Base Diameter (in, mm)	Gauge (in, mm)	Pieces per Box	Pieces per Pallet
P203	0.87 in 22.0 mm	0.47 in 12.1 mm	0.48 in 12.1 mm	1.93 in 49.0 mm	50	3000
P26	0.87 in 22.0 mm	0.75 in 19.0 mm	0.926 in 23.5 mm	1.9 in 45.0 mm	50	3000



R22XX

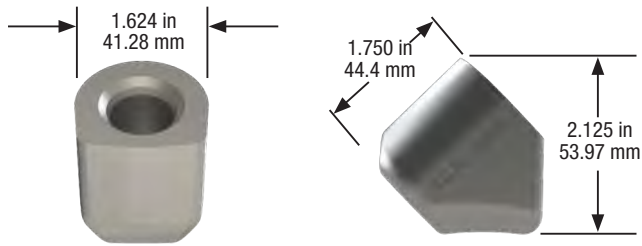
- Non-rotating tool with flat carbide edge for soft to medium hard conditions
- Used to create combination chains
- Used for soil stabilization
- K85 internal retainer

Part Number	Shank (in, mm)	Tip Diameter (in, mm)	Base Diameter (in, mm)	Gauge (in, mm)	Pieces per Box	Pieces per Pallet
P2X	0.87 in 22.0 mm	N/A	N/A	2.0 in 50.8 mm	40	2400



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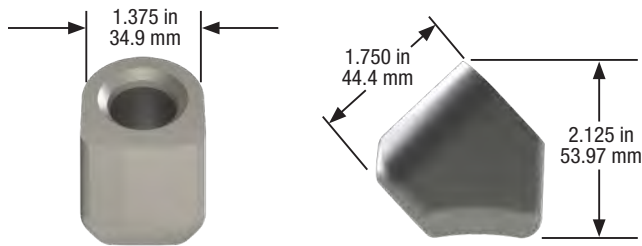
Blocks 19MM



B19H45

B19H45 - Heavy Duty

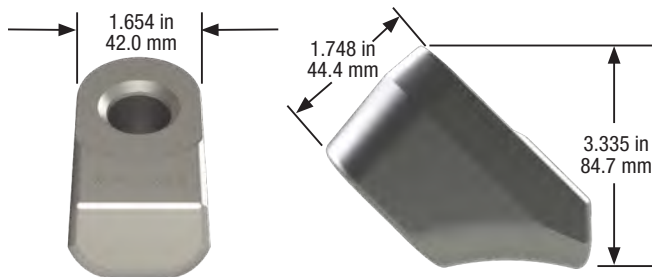
Bore Hole Diameter (in, mm)	Width (in, mm)	Angle (degrees)	Internal Groove	Pieces per Box	Pieces per Pallet
0.782 in 19.87 mm	1.624 in 41.28 mm	45°	Yes	35	2100



B19L45

B19L45 - Standard Duty

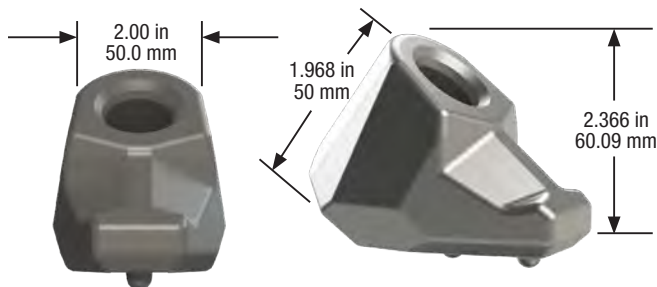
Bore Hole Diameter (in, mm)	Width (in, mm)	Angle (degrees)	Internal Groove	Pieces per Box	Pieces per Pallet
0.782 in 19.87 mm	1.375 in 34.9 mm	45°	Yes	35	2100



B19HT45

B19HT45 - Heavy Duty Tall

Bore Hole Diameter (in, mm)	Width (in, mm)	Angle (degrees)	Internal Groove	Pieces per Box	Pieces per Pallet
1.050 in 26.67 mm	1.654 in 42.0 mm	45°	Yes	15	900



B19P50

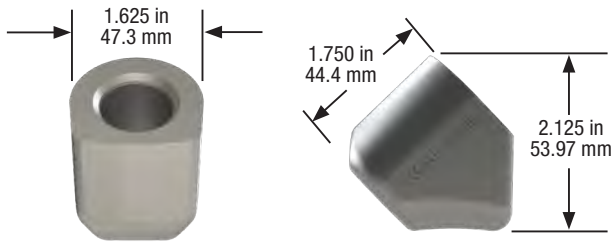
B19P50 - V design with locator pins

Bore Hole Diameter (in, mm)	Width (in, mm)	Angle (degrees)	Internal Groove	Pieces per Box	Pieces per Pallet
.783 in 19.89 mm	2.00 in 50.8 mm	50°	NA	15	900



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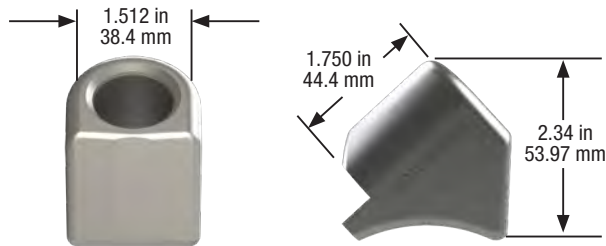
Blocks 22MM



B22H45

B22H45 - Heavy Duty

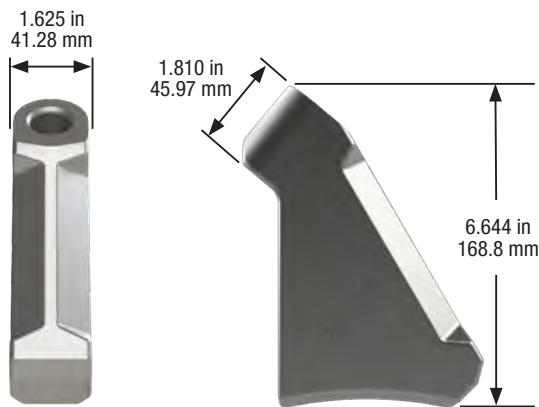
Bore Hole Diameter (in, mm)	Width (in, mm)	Angle (degrees)	Internal Groove	Pieces per Box	Pieces per Pallet
0.885 in 22.48 mm	1.625 in 47.3 mm	45°	Yes	35	2100



B22NR45

B22NR45 - Standard, Non-Rotating

Bore Hole Diameter (in, mm)	Width (in, mm)	Angle (degrees)	Internal Groove	Pieces per Box	Pieces per Pallet
0.885 in 22.48 mm	1.512 in 38.4 mm	45°	Yes	35	2100



B22PT45

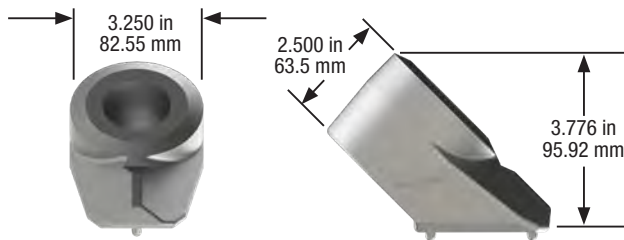
B22PT45 - Planer/Reclaimer Tail

Bore Hole Diameter (in, mm)	Width (in, mm)	Angle (degrees)	Internal Groove	Pieces per Box	Pieces per Pallet
.885 in 22.48 mm	1.625 in 41.28 mm	50°	Yes	6	360



Proudly made in the U.S.A.

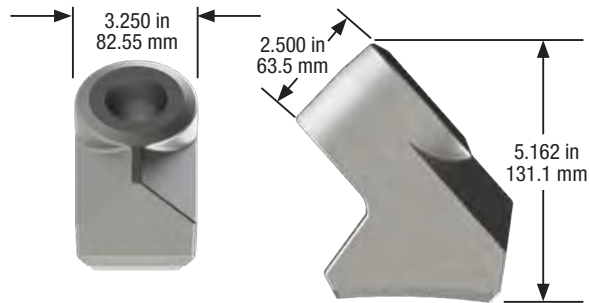
Blocks/Sleeves



B303X - Large Quick Change Block

Bore Hole Diameter (in, mm)	Width (in, mm)	Angle (degrees)	Internal Groove	Pieces per Box	Pieces per Pallet
1.510 in 38.35 mm	3.250 in 82.55 mm	50°	NA	6	360

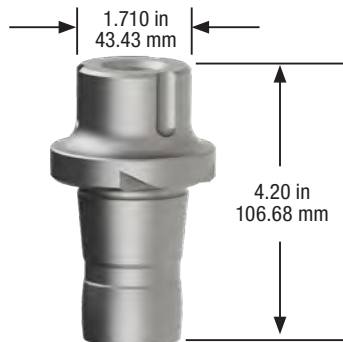
B303X



B303XT - Large Tall Quick Change Block

Bore Hole Diameter (in, mm)	Width (in, mm)	Angle (degrees)	Internal Groove	Pieces per Box	Pieces per Pallet
1.510 in 38.35 mm	3.250 in 82.55 mm	50°	NA	2	120

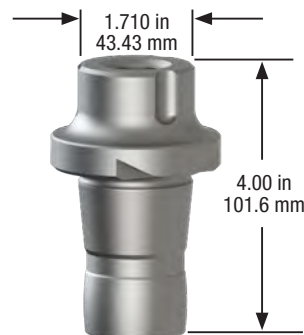
B303XT



S303X - Sleeve

Bore Hole Diameter (in, mm)	Width (in, mm)	Angle (degrees)	Internal Groove	Pieces per Box	Pieces per Pallet
0.783 in 19.89 mm	2.5 in 63.5 mm	NA	NA	10	600

S303X



S303R - Sleeve

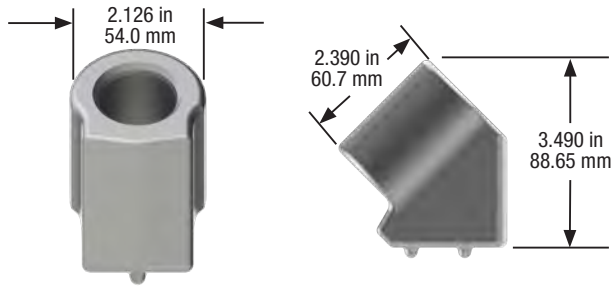
Bore Hole Diameter (in, mm)	Width (in, mm)	Angle (degrees)	Internal Groove	Pieces per Box	Pieces per Pallet
0.783 in 19.89 mm	2.50 in 63.5 mm	NA	NA	10	600

S303R



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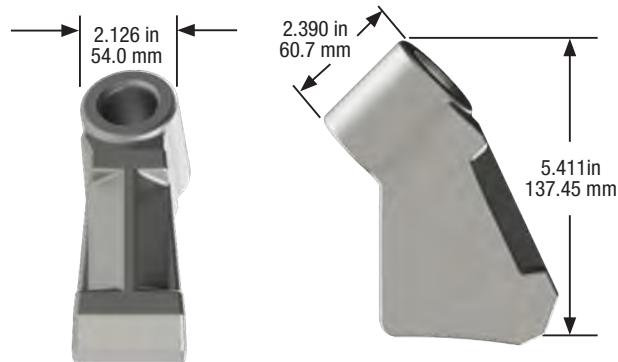
Blocks/Sleeves



B102P45 - Small Quick Change Block

Bore Hole Diameter (in, mm)	Width (in, mm)	Angle (degrees)	Internal Groove	Pieces per Box	Pieces per Pallet
1.181 in 30.0 mm	2.126 in 54.0 mm	45°	NA	10	600

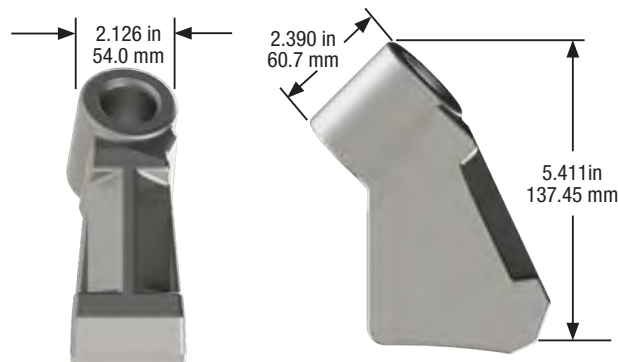
B102P45



B102PTVR45 - Small Tall Quick Change Block, Right

Bore Hole Diameter (in, mm)	Width (in, mm)	Angle (degrees)	Internal Groove	Pieces per Box	Pieces per Pallet
1.181 in 30.0 mm	2.126 in 54.0 mm	45°	NA	4	240

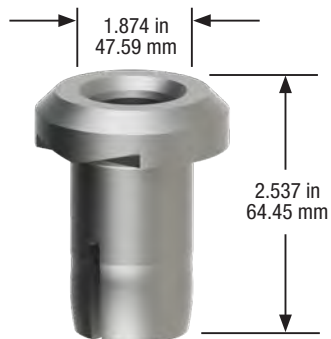
B102PTVR45



B102PTVL45 - Small Tall Quick Change Block, Left

Bore Hole Diameter (in, mm)	Width (in, mm)	Angle (degrees)	Internal Groove	Pieces per Box	Pieces per Pallet
1.181 in 30.0 mm	2.126 in 54.0 mm	45°	NA	4	240

B102PTVL45



S102 - Sleeve

Bore Hole Diameter (in, mm)	Width (in, mm)	Angle (degrees)	Internal Groove	Pieces per Box	Pieces per Pallet
0.785 in 19.94 mm	1.874 in 47.59 mm	NA	NA	20	1200

S102



Proudly made in the U.S.A.

Track Pad for Asphalt/Concrete Milling Machines

Looking for more options?

Reach out to your regional sales representative to receive a quote and check availability for the parts you are interested in. You can contact us via email at info.bristol@xcaltools.com or by calling us at (276) 644-3520.

This Track Pad is designed for asphalt and concrete milling machines. Made from a highly durable, abrasion-resistant polyurethane, they provide maximum traction, even on wet surfaces. With a guaranteed 2,000 hours of wear-life, they also provide the lowest cost per hour of any track pad in the industry.



- 1 Longest Wear-life** - Guaranteed, from our proprietary polyurethane compound.
- 2 Maximum Traction** - The largest possible footprint ensures excellent grip, even on wet surfaces.
- 3 Steel On Steel™ Technology** - Prevents Bolt Spin and Pad Loosening.
- 4 Lowest Life-Cycle Cost** - Offering a minimum of 2,000 hours of wear-life.



Lowest Life-Cycle Cost

Proprietary polyurethane that provides the highest abrasion, cut, and tear resistance.

Enormous Footprint

Provides more traction in all milling conditions, putting your horsepower to the ground.

Steel On Steel™ (SOS) Technology

Most competitor track pads mold around the mounting bolts, preventing full tightening to the grouser shoe. Our Steel-On-Steel™ Technology eliminates loosening, premature pad failure, and "Bolt Spin," making removal as easy as installation.

WIRTGEN

Model	Ultimate Pad (2,000 Hours)	Poly Pad (1,00 Hours)	QTY Required
W120, W150	TP1010512UL	TP1010513	80
W2000, W210	TP1012074UL	TP1012075	92
W2100, W220	TP1014070UL	TP1014104	96
W2200, W250	TP1014071UL	TP1014104	104

ROADTEC

Model	Ultimate Pad (2,000 Hours)	Poly Pad (1,00 Hours)	QTY Required
RX500, RX600 (4 Leg Machines)	TP1012066UL	TP1012055	96
RX700 (4 Leg)	TP1014063UL	TP1014055	100
RX900 (4 Leg)	TP1014063UL	TP1014055	104

Disclaimer

Fully cataloged for all makes and models of asphalt concrete milling machines including (but not limited to):

- | | | |
|------------|----------|------------|
| 1. Wirtgen | 3. CAT | 5. Dynapac |
| 2. Roadtec | 4. BOMAG | 6. Volvo |



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Wear Parts (For Wirtgen™ Equipment - Wear Protection Skis)

Looking for more options?

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50 x 200 mm
Part Number: SK56731



50 x 625 mm
Part Number: SK155630



50 x 490 mm
Part Number: SK157828



40 x 180 mm
Part Number: SK2069177

*Also fits Part Number 113001



50 x 450 mm
Part Number: SK2106074



50 x 200 mm
Part Number: SK2111404



40 x 170 mm
Part Number: SK2129390



SCANNER SKI
Part Number: SK2219386



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Wear Parts *(For Wirtgen™ FI Equipment - Wear Protection Skis)*



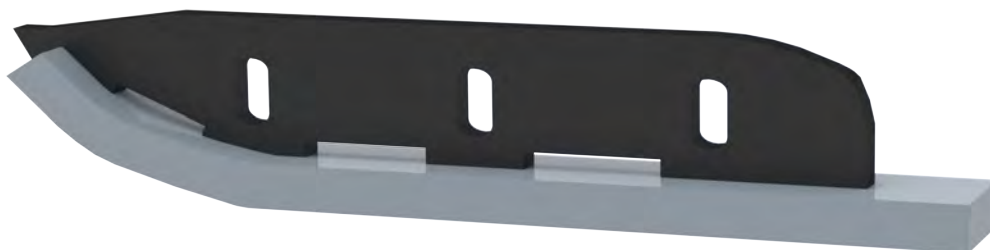
50 x 360 mm

Part Number: SK2714750



32 x 450 mm

Part Number: SK2601214



50 x 421 mm

Part Number: SK2714905



Proudly made in the U.S.A.



Wear Parts (For Wirtgen™ Equipment - Type 1 Scrapers)

Looking for more options?

Reach out to your regional sales representative to receive a quote and check availability for the parts you are interested in. You can contact us via email at info.bristol@xcaltools.com or by calling us at (276) 644-3520.

Our Type 1 scrapers are developed to guarantee the finest possible glide execution on the milled surface when scraping.



248 mm
Part Number: SC43408



248 mm
Part Number: SC44638



248 mm
Part Number: SC44639



145 mm
Part Number: SC56335



145 mm
Part Number: SC56336



100 mm
Part Number: SC56731



145 mm
Part Number: SC60117



Proudly made in the U.S.A.

Wear Parts *(For Wirtgen™ Equipment - Type 2 Scrapers)*

The position, shape, and contour of our Type 2 scrapers are designed for the most dependable strength and glide execution in mind.



248 mm
Part Number: SC146456



248 mm
Part Number: SC146457



248 mm
Part Number: SC146458



145 mm
Part Number: SC146461



145 mm
Part Number: SC146460



100 mm
Part Number: SC146459



145 mm
Part Number: SC146515



Proudly made in the U.S.A.

Scraper Blades *(For Roadtec Road Milling Equipment)*

- Multi-piece assembly allows for manageable installation
- Sold in individual sections for easy replacements and cost savings

3790.95 mm Whole Assembly Part Number: SC94271-03



828.68 mm

Part Number: SC94271-03 L



1066.80 mm

Part Number: SC94271-03 LH



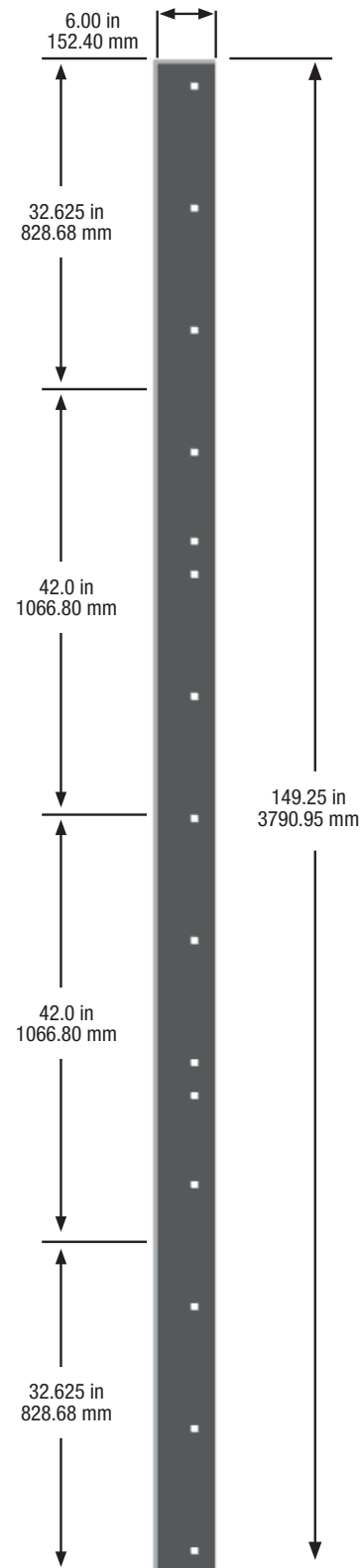
1066.80 mm

Part Number: SC94271-03 R



828.68 mm

Part Number: SC94271-03 RH



Proudly made in the U.S.A.



Scraper Blades *(For Roadtec Road Milling Equipment)*

- Multi-piece assembly allows for manageable installation
- Sold in individual sections for easy replacements and cost savings

1981.25 mm - Whole Assembly Part Number: SC225326-03



400.08 mm

Part Number: SC225326-03 L



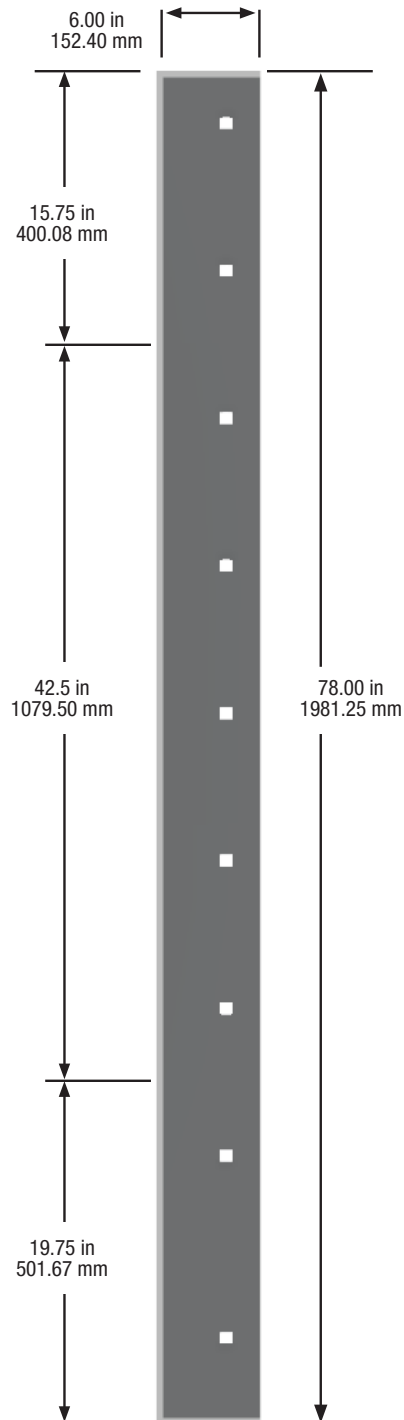
1079.50 mm

Part Number: SC225326-03 Center



501.67 mm

Part Number: SC225326-03 R



Proudly made in the U.S.A.

Scraper Blades *(For Roadtec Road Milling Equipment)*

- Multi-piece assembly allows for manageable installation
- Sold in individual sections for easy replacements and cost savings

2165.35 mm - Whole Assembly
Part Number: SC225327-03



473.10 mm

Part Number: SC225327-03 L



1219.20 mm

Part Number: SC225327-03 Center

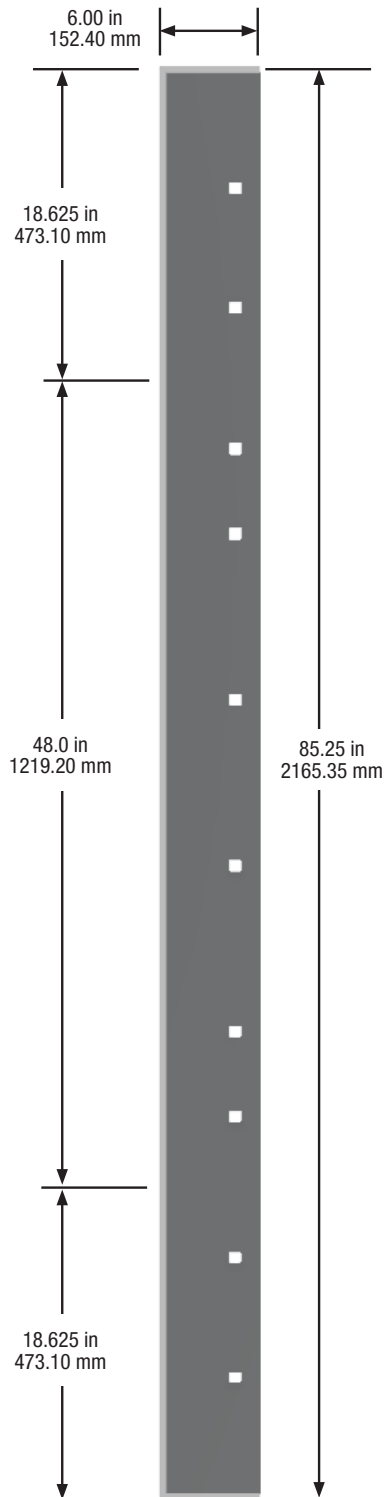


473.10 mm

Part Number: SC225327-03 R

Looking for more options?

Reach out to your regional sales representative to receive a quote and check availability for the parts you are interested in. You can contact us via email at info.bristol@xcaltools.com or by calling us at (276) 644-3520.



Proudly made in the U.S.A.

Scraper Blades *(For Roadtec Road Milling Equipment)*

- Multi-piece assembly allows for manageable installation
- Sold in individual sections for easy replacements and cost savings

2470.15 mm - Whole Assembly

Part Number: SC225328-03



625.475 mm

Part Number: SC225328-03 L



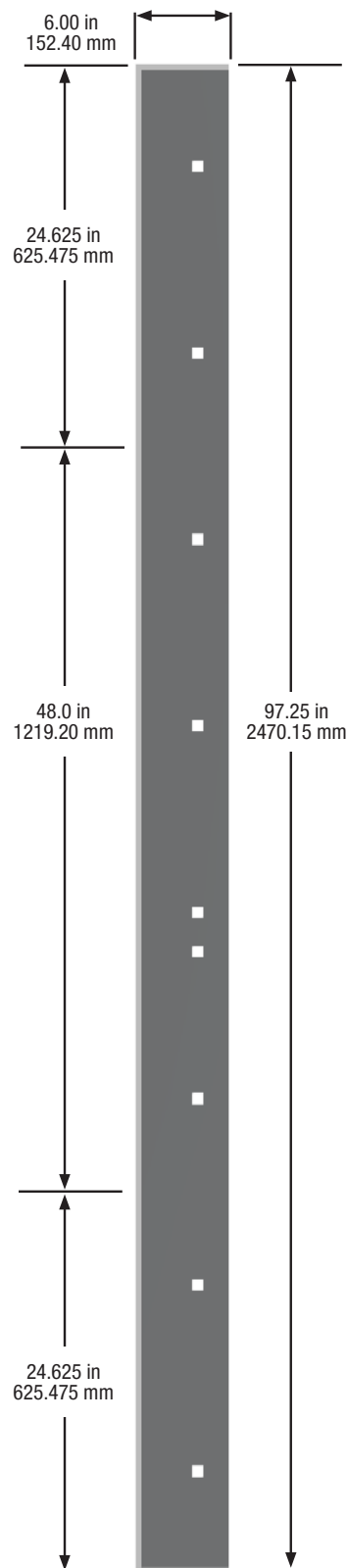
1219.20 mm

Part Number: SC225328-03 Center



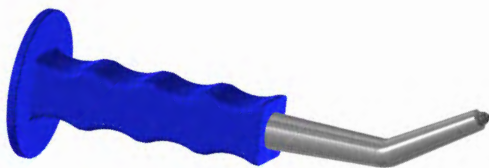
625.475 mm

Part Number: SC225328-03 R



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Accessories



CURVED KNOCK OUT PUNCH - Tool remover with carbide tip for extended life.

Part Number	A-CKP
Product Code	



CURVED KNOCK OUT PUNCH - Long radius tool remover with hardened tip.

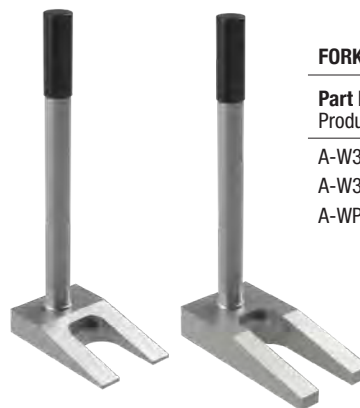
Part Number	A-HP4
Product Code	



FORKED PULLER

Part Number(s)
Product Code(s)

A-FP18 - For removal of tools with 18mm shank
A-FP22 - For removal of tools with 19- 22mm shanks
A-FP25 - For removal of tools with 25mm shank



FORKED SLEEVE PULLER

Part Number(s)
Product Code(s)

A-W303F
A-W303S
A-WP102



AIR HAMMER PUNCH .401 SHANK

Long radius. Fits a .401 Shank Hammer. For removal of conical tools from blocks. Hardened tip provides long life.

Part Number	A-AH438
Product Code	



AIR HAMMER PUNCH .401 SHANK

Fits a .401 Shank Hammer. For removal of conical tools from blocks. Hardened tip provides long life.

Part Number	A-AH38
Product Code	



AIR HAMMER PUNCH .498 SHANK WITH HARDENED TIP

Fits light-duty and heavy-duty air-hammer guns with .498 shank. For removal of conical tools from blocks.

Part Number	A-AH12
Product Code	



AIR HAMMER LARGE CUP .401 SHANK

Fits a .401 Shank Hammer for Installation of conical tools into blocks.

Part Number	A-0015L
Product Code	



AIR HAMMER SMALL CUP .401 SHANK

Fits a .401 Shank Hammer for installation of conical tools into blocks.

Part Number	A-0015
Product Code	



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Construction Drums

XCAL TOOLS takes pride in both manufacturing new, and rebuilding all makes and models of construction drums. XCAL drums are designed to meet or exceed OEM specifications to ensure smooth installation into your machine. Our engineers will work with you to develop a lacing pattern to achieve any state spec, while ensuring a balanced pattern to keep your drum cutting smooth, minimizing the strain on your machine.



Adjusting lacing patterns can result in smoother faster cutting, longer-lasting drums, and less strain on the machine. Careful control of welding procedures, results in maximum weld quality and minimum distortion.

We have a wide array of block and sleeve combinations to fit your needs.

Along with quality, you are assured to get our time-tested, proven methods ensuring you have a drum you can count on all season long.



Our mission is to create the highest quality products by providing total customer support and satisfaction to get you back into production as soon as possible.

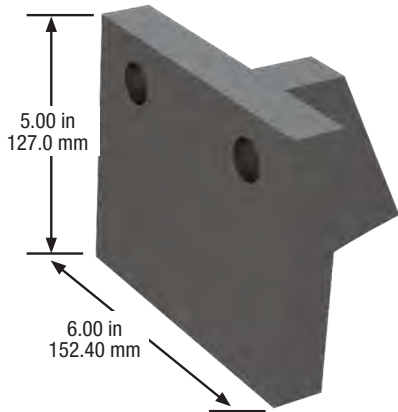


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Drum Discharge Paddles

Base

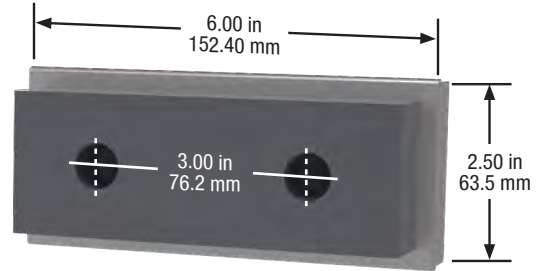
Part Number: XDPB3044



Length (in, mm)	Width (in, mm)	Center-to-Center (in, mm)
6.00 in 152.40 mm	5.00 in 127.0 mm	3.50 in 88.9 mm

Paddle

Part Number: DP140214-03

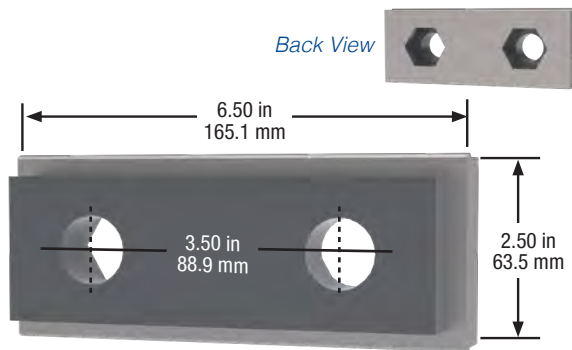


Note: Bolt holes are tapped 3/4" - 10 thread

Length (in, mm)	Width (in, mm)	Center-to-Center (in, mm)
6.00 in 152.40 mm	2.50 in 63.5 mm	3.00 in 76.2 mm

Paddle

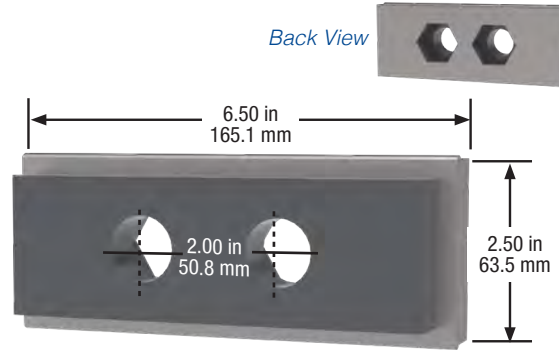
Part Number: DPWP6



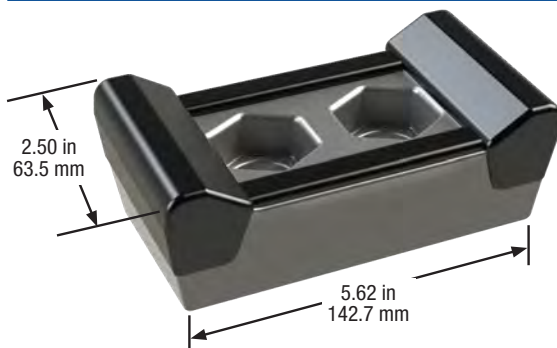
Length (in, mm)	Width (in, mm)	Center-to-Center (in, mm)
6.50 in 165.1 mm	2.50 in 63.5 mm	3.50 in 88.9 mm

Paddle

Part Number: DP271131-03HD



Length (in, mm)	Width (in, mm)	Center-to-Center (in, mm)
6.50 in 165.1 mm	2.50 in 63.5 mm	2.00 in 50.8 mm



Discharge Paddle

Part Number: DP271131-03

Length (in, mm)	Width (in, mm)	Center-to-Center (in, mm)
5.62 in 142.7 mm	2.50 in 63.5 mm	2.00 in 50.8 mm



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AS PART OF THE XCAL TOOLS COMPANY, TAMCO PROUDLY OFFERS A

Air Tool Accessories



Whip Hoses

Part Number	Description
WH5-3/8	5' Whip Hose - 3/8" NPT Swivel End, rated 250 PSI
WH5-7/8	5' Whip Hose - 7/8" x 24" Thread/In Swivel End, rated 250 PSI
WH5-1/2	5' Whip Hose - 1/2" ID, 1/2" Bent Swivel, rated 250 PSI
WH10-3/8	10' Whip Hose - 3/8" NPT Thread/In Swivel End, rated 250 PSI
WH10-1/2	10' Whip Hose - 1/2" NPT Swivel End, rated 250 PSI
WH10-7/8	10' Whip Hose - 7/8" X 24" Thread/In Swivel End, rated 250 PSI
AH50	50' Air Hose - 3/4" Hose w/Universal Fittings, rated 300 PSI

Whip Hoses with Oilers

Part Number	Description
WH6-1/2OILS	Whip Hose 1/2" x 6' with 1/2" Swivel and Inline Oiler
WH6-3/8OILS	Whip Hose 1/2" x 6' with 3/8" Swivel and Inline Oiler
WH6-7/8OILS	Whip Hose 1/2" x 6' with 7/8" Swivel and Inline Oiler
WH8-CPOILS	Whip Hose 3/4" x 8' with Universal Fittings and Inline Oiler



Hydraulic Hoses

Part Number	Description
HYD6-3/8	Whip Hose 1/2" x 6' with 3/8" Swivel
HYD6-1/2	Whip Hose 1/2" x 6' with 1/2" Swivel
HYD6-7/8	Whip Hose 1/2" x 6' with 7/8" Swivel



In-Line Oilers

Part Number	Description
0L	In-Line Oiler 1.4 Fluid Oz.
1L	In-Line Oiler 3.7 Fluid Oz.
2L	In-Line Oiler 11.0 Fluid Oz.
3L	In-Line Oiler 16.0 Fluid Oz.
430101VOJ	LO-15 Clearview In-Line Oiler 6.0 Fluid Oz.



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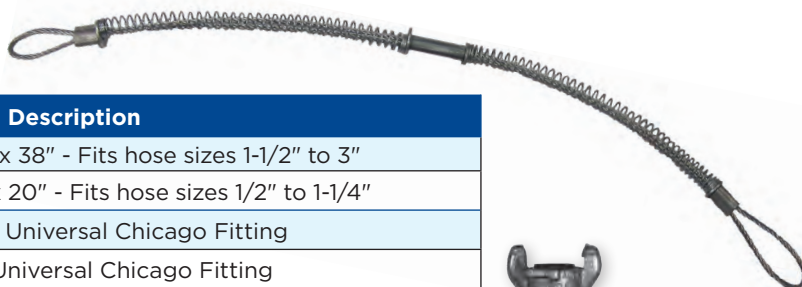
.401 Shank Light Duty Hammer

Our .401 shank hammer has a lightweight aluminum handle for light chipping, casting and foundry work. Spring style retainer included. Optional deluxe quick change retainer sold separately.

TAM-401	
Bore	0.75"
Stroke	2-5/8"
Impact Rate	3500 BPM
Length	6-3/4"
Weight	3.5 lbs.
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Consumption	4 CFM

Whip Checks

Part Number	Description
WA2	Safety Cable - 1/4" x 38" - Fits hose sizes 1-1/2" to 3"
WB1	Safety Cable - 1/8" x 20" - Fits hose sizes 1/2" to 1-1/4"
SF-UF37	3/8" Female Universal Chicago Fitting
SF-UM37	3/8" Male Universal Chicago Fitting
SF-UF50	1/2" Female Universal Chicago Fitting
SF-UM50	1/2" Male Universal Chicago Fitting
SF-UF75	3/4" Female Universal Chicago Fitting
SF-UM75	3/4" Male Universal Chicago Fitting



**Chicago
Fitting**

Impact Wrenches

TAMCO offers industrial grade, American made Impact Wrenches!

Our 3/4" and 1" Impact Wrenches offer a stainless steel hammer case and twin hammer design for increased durability. These are one of the industry's highest power-to-weight ratios. 100% made in the U.S.A. with non-corrosive materials, constructed to last in the field.



7506SS



7508SS

	7506SS	7508SS	IW1DI	IW15DI
Square Drive	3/4" SQ Dual Retainer	1" SQ Dual Retainer	1"	1-1/2"
Max Torque (Forward)	1800 ft./lbs.	1800 ft./lbs.	2000 ft./lbs.	3000 ft./lbs.
Max Torque (Reverse)	2000 ft.-lbs.	2000 ft.-lbs.	N/A	N/A
Free Speed	4600 RPM	4600 RPM	-	-
Length	9"	9"	12-13/32"	14-1/2"
Weight	13.5 lbs.	13.5 lbs.	22 lbs.	33 lbs.
Air Inlet Thread	3/8"	3/8"	1/2"	1/2"
Rec'd Hose Size	1/2"	1/2"	1/2"	1/2"
Avg. Air Consumption	58 CFM	58 CFM	58 CFM	70 CFM



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