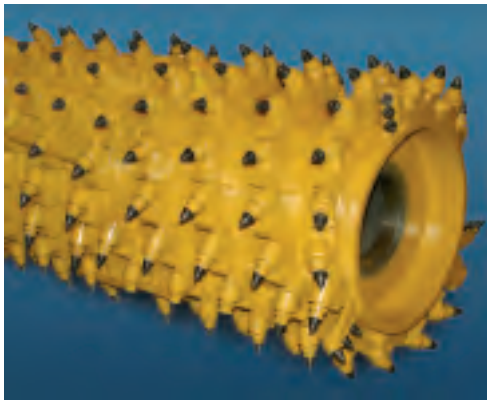
Engineering Your Competitive Edge

KENNAMETAL®

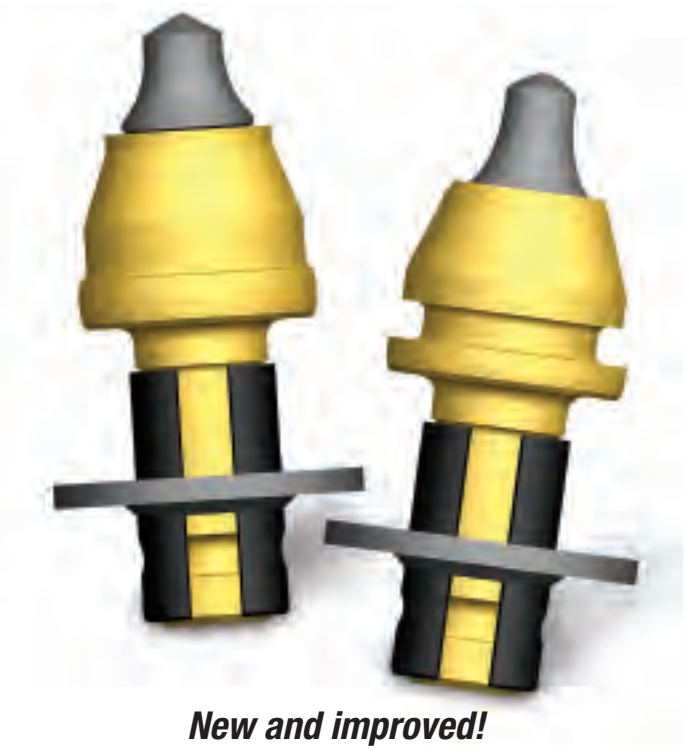


Road Rehabilitation

Advanced cutting and wear solutions
to improve the roads we travel.

Road Razor

The NEW Road Razors are Here! Stronger, More Reliable, from Tip to Tail!



New and improved!

Our New RZ Series Tools – Longer Wear Life, Less Downtime!

- RZ series tools are the most reliable choice, with more impact resistance, a stronger bond, and greater protection against tip loss!
- New improved tip profile improves rotation for longer tool life — with less chipping in hard cuts!
- Improved retainer clip!
- New forged body design has enhanced wear characteristics to extend life and tool rotation!

"I thought nothing wore like the RP19 'til I used the RZ19. Great Wear Life!"

– Jim Case, Milling Sales
Hudson River Construction – Albany, NY

KENNAMETAL®

...IN ROAD MAINTENANCE

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Kennametal Inc. encourages the safe use of its products. To help avoid personal injury or damage to tools, please follow these guidelines:

- Wear approved personal protection equipment, including eye and ear protection, steel-toed shoes, hard hat, and vest.
- Make sure tools are properly seated and securely retained.
- Do not strike tools with metal objects. Carbide tips could shatter.
- Exercise care when removing tools.
- Inspect tools daily. Do not use dull, cracked, burred, or bent tools.
- Operate all machines with safety in mind. Stand clear of machines in use, and make sure protective guards are in place.
- Do not change tools when the cutting chain, drum, or wheel is moving or still engaged.

Kennametal Road Rehabilitation Tools…

Specifically engineered to meet your road rehabilitation needs.

The Right Tool Does the Best Job!

Most contractors face a variety of challenging cutting conditions, here are some guidelines:

PAVEMENT		525 HORSEPOWER AND HIGHER	200-500 HORSEPOWER	200 HORSEPOWER AND LOWER	SKID STEER ATTACHMENTS
	CONCRETE	**RZ19** RP21, RP15, RP19	**RZ19** RP21, RP15, RP19	**RZ07, RZ16** RP27	RP28, RP10
	ASPHALT OFF CONCRETE	**RZ19** RP10, RP15, RP19	**RZ19** RP10, RP25, RP15	**RZ07, RZ16** RP27	RP28, RP10
	HARD ASPHALT	**RZ08, RZ20, RZ07, RZ16** RP10, RP25, RP16	**RZ07, RZ16** RP10, RP24, RP25	**RZ07, RZ16** RP27	RP18, RP28
	MEDIUM ASPHALT	**RZ05, RZ24** RP24, RP16, RP25	**RZ05, RZ24** RP24, RP16, RP25	**RZ05, RZ24** RP18, RP28, RP27	RP18, RP28
	SOFT ASPHALT	**RZ05, RZ24** RP10, RP24	**RZ05, RZ24** RP28, RP10, RP24	**RZ05, RZ24** RP18, RP28, RP24	RP18, RP28

NOTE: Tools in black are first choice. Tools in blue are other recommended choices. Please contact your local Kennametal sales representative for additional information.
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STABILIZATION APPLICATIONS	500 HORSEPOWER AND HIGHER	200-500 HORSEPOWER
ASPHALT/BASE	.76" (20mm) – **RZ07, RZ08, RZ20,** RP07, RP26 .86" (22mm) – SR03, SM04, SM03	.76" (20mm) – **RZ05,** RP23, M3 .86" (22mm) – SM04, SM03
SOIL STABLILIZATION	.76" (20mm) – **RC01,** RP05, RP01 .86" (22mm) – SR01, SR04	.76" (20mm) – **RZ05,** RP01, RP10 .86" (22mm) – SM01, SM02, SM03
GLACIAL TILL/ROCK	.76" (20mm) – **RZ19,** RC01, RP15 .86" (22mm) – SR04, SR03, SM04	.76" (20mm) – **RP06,** RP01, RP15 .86" (22mm) – SM04, SM02

Optimal Wear Time Line

Understanding and compensating for the different types of tip and body wear will help you make the most of your tool investment.

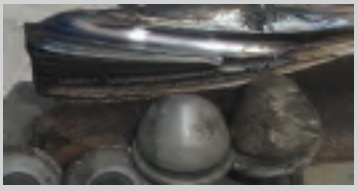
Tool Performance Troubleshooting

Rotation Stops

- Material build-up (as shown)
- Worn toolholders
- Improper water spray

Carbide Breakage

- Extremely hard material
- Non-rotation (as shown)
- Hard objects



Tip Loss

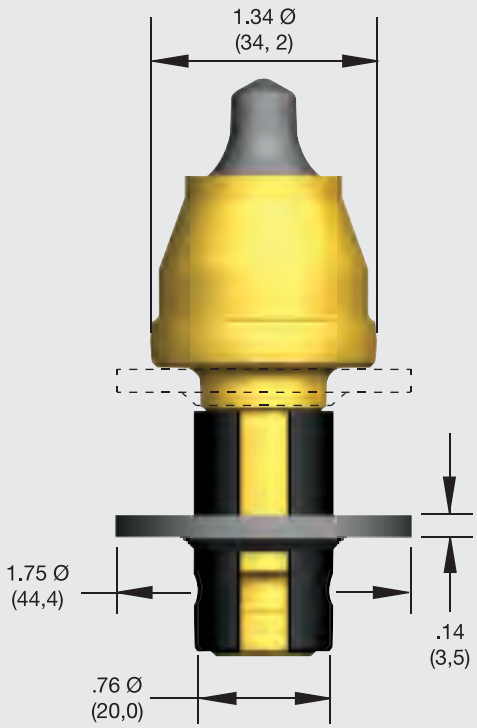
- Hard object hit (steel shown)
- Worn toolholders
- Improper water spray

Steel Body Wear

- Tip too small
- Highly abrasive material
- Use Road Razor™ tooling to avoid steel body wear

FEATURES:

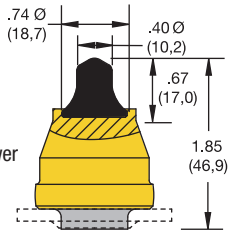
- Improved retainer clip is pre-compressed for easy hand installation – saves downtime, and provides better retention!
- Enhanced wear characteristics to extend life and tool rotation!



NEW! Road Razor

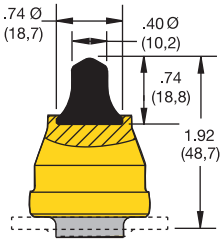
RZ05
3098679

- for hard to soft asphalt conditions
- use on low to medium horsepower machines



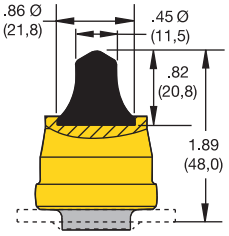
RZ07
3121111

- for hard to medium asphalt conditions
- use on medium to high horsepower machines



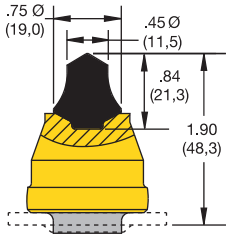
RZ08
3362297

- for hard abrasive to medium asphalt conditions
- use on medium to high horsepower machines



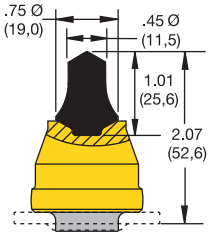
RZ19
3121183

- for hard asphalt and concrete conditions
- use on high horsepower machines



RZ20
3085973

- for hard to medium abrasive asphalt cutting conditions
- use on medium to high horsepower machines



Packaging Information

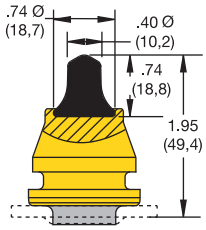
TOOL NAME	CODE	CONTAINER TYPE	A*	WEIGHT LBS.	WEIGHT KG.	PALLET WEIGHT LBS.	PALLET WEIGHT KG.	B**	PIECES PER PALLET
RZ05	3098679	box	50	36.0	16.33	1974.0	895.4	54	2700
RZ07	3121111	box	50	36.5	16.56	2001.0	907.6	54	2700
RZ08	3362297	box	50	38.0	17.24	2082.0	944.4	54	2700
RZ19	3121183	box	50	36.5	16.56	2001.0	907.6	54	2700
RZ20	3085973	box	50	37.5	17.01	2055.0	932.1	54	2700

*A= Pieces per Container
**B= Containers per Pallet

NEW! Road Razor

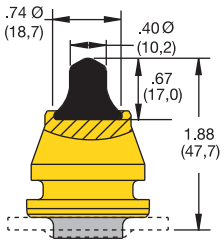
RZ16
3121112

- for hard to medium asphalt conditions
- use on medium to high horsepower machines



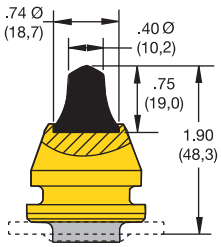
RZ24
3098678

- for hard to soft asphalt cutting conditions
- use on low to medium horsepower machines



RZ25
3121185

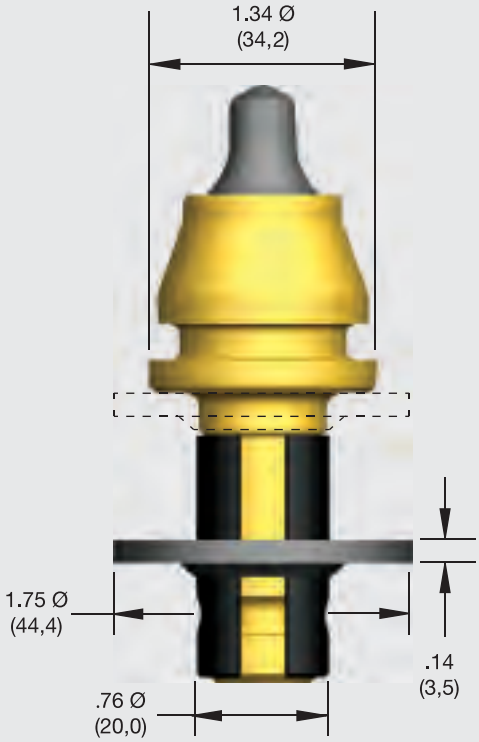
- for hard to medium asphalt cutting conditions
- use on medium to high horsepower machines



NOTE: RZ tools require RP puller.

FEATURES:

- More impact resistance, a stronger bond, and greater protection against tip loss!
- New improved tip profile improves rotation for longer tool life with less chipping in hard cuts!



Packaging Information

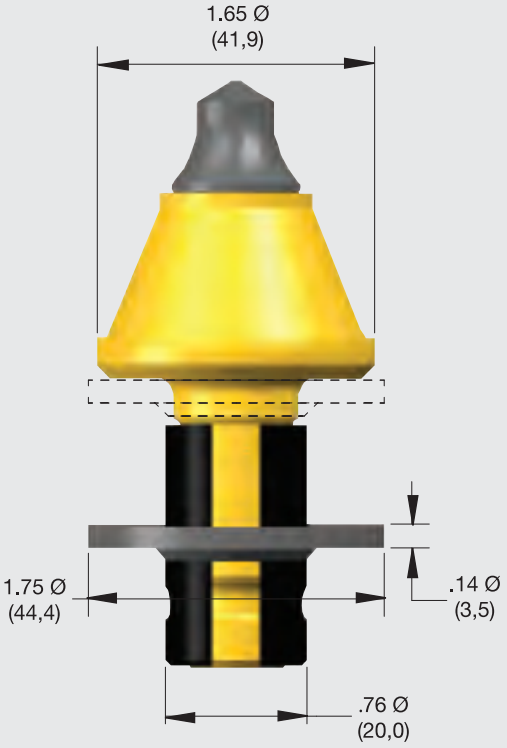
TOOL NAME	CODE	CONTAINER TYPE	A*	WEIGHT LBS.	WEIGHT KG.	PALLET WEIGHT LBS.	PALLET WEIGHT KG.	B**	PIECES PER PALLET
RZ16	3121112	box	50	35.0	15.88	1920.0	870.9	54	2700
RZ24	3098678	box	50	34.0	15.42	1866.0	846.4	54	2700
RZ25	3121185	box	50	35.0	15.88	1920.0	870.9	54	2700

*A= Pieces per Container
**B= Containers per Pallet

RP Series

FEATURES:

- Full body design.
- Ultimate block protection.
- Maximum resistance to body wear.
- Long retainer/washer.



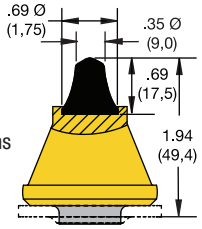
Packaging Information

TOOL NAME	CODE	CONTAINER TYPE	A*	WEIGHT LBS.	WEIGHT KG.	PALLET WEIGHT LBS.	PALLET WEIGHT KG.	B**	PIECES PER PALLET
RP01	1753351	box	50	39.5	17.92	2163.0	981.1	54	2700
RP05	1753345	box	50	40.0	18.14	2190.0	993.4	54	2700
RP06	1758083	box	50	39.0	17.69	2136.0	968.9	54	2700
RP07	1758084	box	50	40.0	18.14	2190.0	993.4	54	2700
RP19	1758415	box	50	39.0	17.67	2133.3	967.6	54	2700
RP20	1758416	box	50	39.0	17.69	2136.0	968.9	54	2700
RP26	1859209	box	50	40.0	18.14	2190.0	993.4	54	2700

*A= Pieces per Container
**B= Containers per Pallet

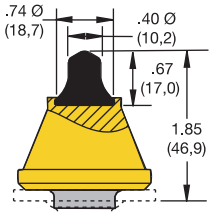
RP01
1753351

- for hard to soft asphalt, and asphalt off concrete conditions
- use on low to high horsepower machines



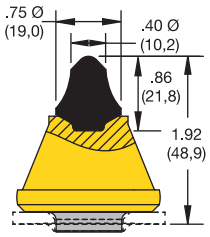
RP05
1753345

- for hard to soft asphalt conditions
- use on low to medium horsepower machines



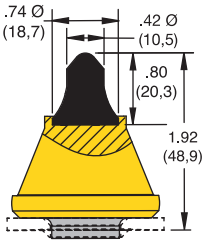
RP06
1758083

- for hard to medium asphalt and concrete conditions
- use on medium to high horse-power machines



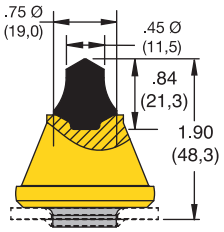
RP07
1758084

- for hard to medium asphalt conditions
- use on medium to high horsepower machines



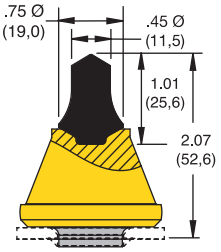
RP19
1758415

- for hard asphalt and concrete conditions
- use on high horsepower machines



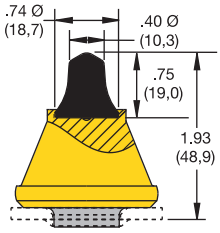
RP20
1758416

- for hard abrasive to medium asphalt conditions
- use on medium to high horsepower machines



RP26
1859209

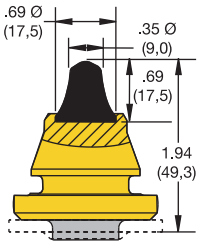
- for hard abrasive to medium asphalt conditions
- use on medium to high horsepower machines



RP10

1758395

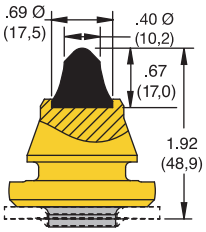
- for hard to soft asphalt, and asphalt off concrete conditions
- use on low to high horsepower machines



RP11

1758396

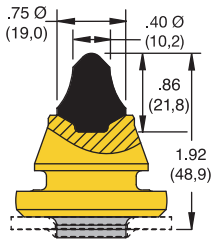
- for hard to medium asphalt, and asphalt off concrete conditions
- use on medium to high horsepower machines



RP15

1758400

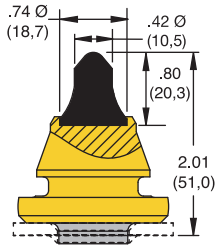
- for hard to medium asphalt and concrete conditions
- use on medium to high horsepower machines



RP16

1758412

- for hard to medium asphalt conditions
- use on medium to high horsepower machines

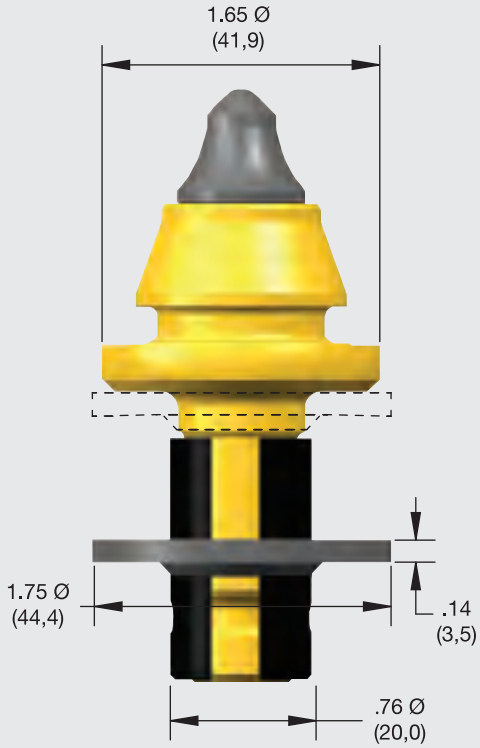


NOTE: RP tools require RP puller.

RP Series

FEATURES:

- Heavy-body style.
- Puller-groove design.
- Wide collar for block protection.
- Long retainer/washer combination provides maximum block protection.



Packaging Information

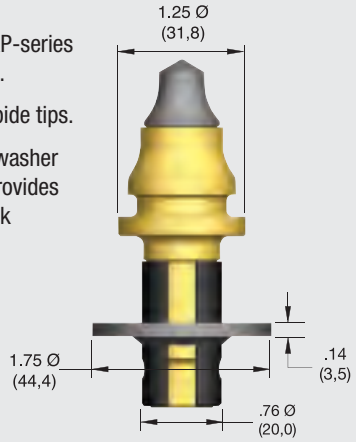
TOOL NAME	CODE	CONTAINER TYPE	A*	WEIGHT LBS.	WEIGHT KG.	PALLET WEIGHT LBS.	PALLET WEIGHT KG.	B**	PIECES PER PALLET
RP10	**1758395**	box	50	37.5	17.01	2055.0	932.1	54	2700
RP11	**1758396**	box	50	37.0	16.78	2028.0	919.9	54	2700
RP15	**1758400**	box	50	36.0	16.33	1974.0	895.4	54	2700
RP16	**1758412**	box	50	36.0	16.33	1974.0	895.4	54	2700

*A= Pieces per Container
**B= Containers per Pallet

RP Series - Narrow Body

FEATURES:

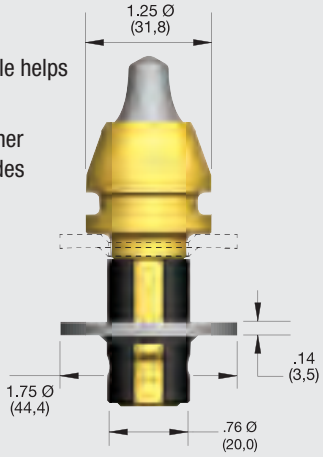
- Narrow body RP-series for penetration.
- Valve seat carbide tips.
- Long retainer/washer combination provides maximum block protection.



RP Series - Narrow Collar

FEATURES:

- Narrow collar profile helps maintain rotation.
- Long retainer/washer combination provides maximum block protection.



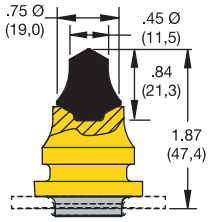
Packaging Information

TOOL NAME	CODE	CONTAINER TYPE	A*	WEIGHT LBS.	WEIGHT KG.	PALLET WEIGHT LBS.	PALLET WEIGHT KG.	B**	PIECES PER PALLET
RP30	2255437	box	50	31.5	14.29	1731.0	785.2	54	2700
RP18	1758414	box	50	32.0	14.51	1758.0	797.4	54	2700
RP24	1845045	box	50	35.0	15.88	1920.0	870.9	54	2700
RP25	1845044	box	50	35.0	15.88	1920.1	870.9	54	2700
RP27	1859208	box	50	35.0	15.88	1920.0	870.9	54	2700
RP28	2047904	box	50	34.5	15.65	1893.0	858.7	54	2700

*A= Pieces per Container
**B= Containers per Pallet

RP30
2255437

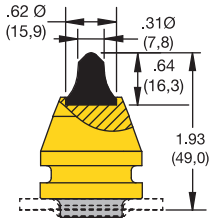
- for hard asphalt and concrete conditions
- use on high horsepower machines
- recommended for airport runways



Kennametal Construction Tools deliver unparalleled performance – on all road planing makes and models!

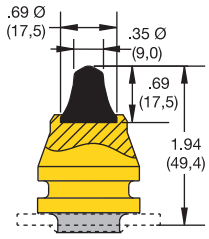
RP18
1758414

- for medium to soft asphalt conditions
- use on low horsepower machines



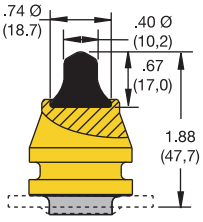
RP27
1859208

- for hard to soft asphalt conditions
- use on low to high horsepower machines



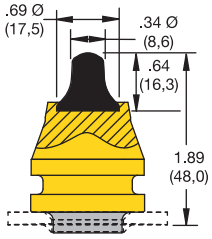
RP24
1845045

- for hard to soft asphalt conditions
- use on low to medium horsepower machines



RP28
2047904

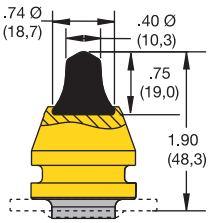
- for medium to soft asphalt conditions
- use on low to medium horsepower machines



RP21 and RP22 are non-stock standard.

RP25
1845044

- for hard abrasive to medium asphalt conditions
- use on medium to high horsepower machines

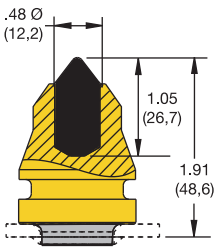


NOTE: RP tools require RP puller.

RP21

1825565

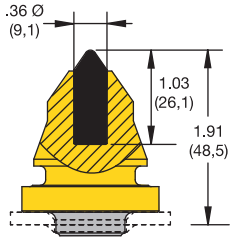
- for hard to medium concrete conditions
- use on medium to high horsepower machines



RP22

1781714

- for concrete conditions
- use on low horsepower machines

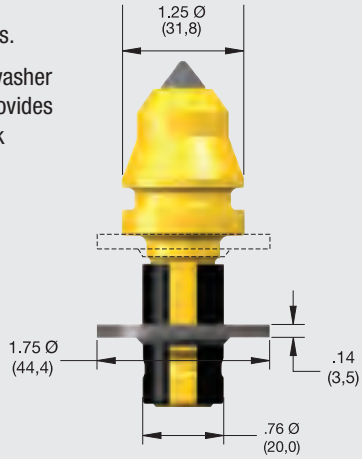


RP21 and RP22 are non-stock standard.

RP Series

FEATURES:

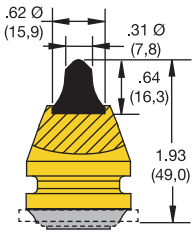
- Concrete cutters.
- Long retainer/washer combination provides maximum block protection.



RPM18

1930337

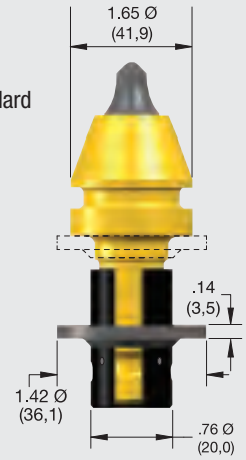
- for medium to soft asphalt conditions
- use on low horsepower machines
- ideal for higher rpm applications like bump grinding



RPM Series

FEATURES:

- Dimpled retainer.
- More than twice the holding power of standard LR retainer.
- Use in an internally-grooved block.
- Ideal for higher rpm applications like bump grinding.
- Long retainer/washer combination provides maximum block protection.



Packaging Information

TOOL NAME	CODE	CONTAINER TYPE	A*	WEIGHT LBS.	WEIGHT KG.	PALLET LBS.	PALLET WEIGHT KG.	B**	PIECES PER PALLET
RP21	1825565	box	50	36.5	16.56	2001.0	907.6	54	2700
RP22	1781714	box	50	37.0	16.78	2028.0	919.9	54	2700
RPM18	1930337	box	50	32.0	14.51	1758.0	797.4	54	2700

*A= Pieces per Container
**B= Containers per Pallet

NOTE: RP tools require RP puller.

RS Series - Slim Nose

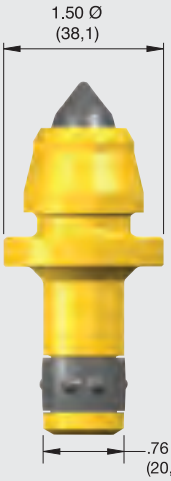
FEATURES:

- Slim nose.
- Puller-groove design.
- Heavy collar for block protection.

RS Series - Heavy Body

FEATURES:

- Heavy body, puller-groove design.
- Heavy collar for block protection.
- Dimpled retainer for holding power.



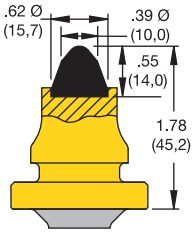
Packaging Information

TOOL NAME	CODE	CONTAINER TYPE	A*	WEIGHT LBS.	WEIGHT KG.	PALLET WEIGHT LBS.	PALLET WEIGHT KG.	B**	PIECES PER PALLET
C3KBF	1010862	bucket	50	31.0	14.06	1580.0	716.7	50	2500
RS12	1010865	bucket	50	31.0	14.06	1580.0	716.7	50	2500
RS19	1991004	bucket	50	32.0	14.51	1630.0	739.4	50	2500
RS14	1156160	bucket	50	31.5	14.28	1604.6	727.8	50	2500
RS16	1156102	bucket	50	31.0	14.06	1580.0	716.7	50	2500
RS18	1107032	bucket	50	31.0	14.06	1580.0	716.7	50	2500
M3	1317446	box	70	47.5	21.55	1740.0	789.3	36	2520

*A= Pieces per Container
**B= Containers per Pallet

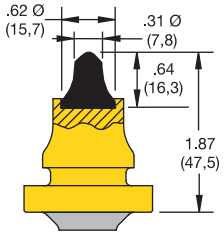
C3KBF
1010862

- for medium to soft asphalt, and asphalt off concrete conditions
- use on low to medium horsepower machines



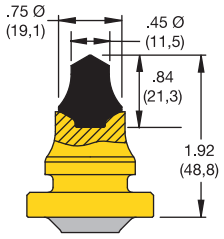
RS12
1010865

- for medium to soft asphalt conditions
- use on low horsepower machines



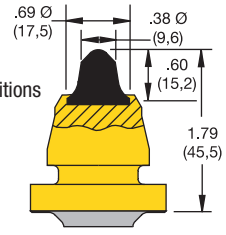
RS19
1991004

- for hard asphalt and concrete conditions
- use on high horsepower machines



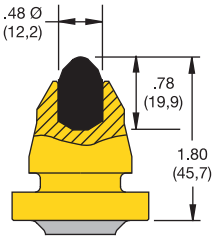
RS14
1156160

- for medium to soft asphalt conditions
- use on low to high horsepower machines



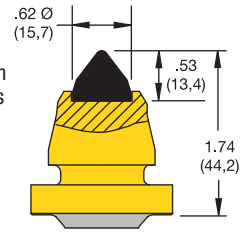
RS16
1156102

- for hard to medium concrete conditions
- use on medium to high horsepower machines



RS18
1107032

- for soft to medium asphalt conditions
- use on low to medium horsepower machines

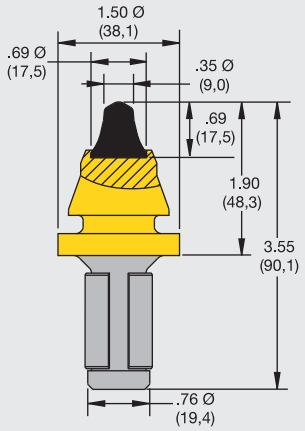


Legacy Heavy-Body Series

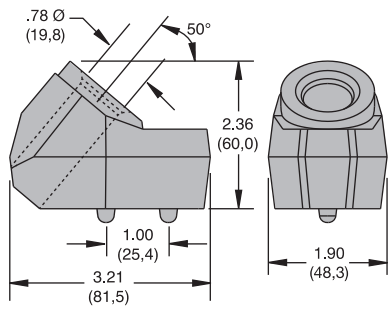
FEATURES:

- Heavy body, puller-groove design.
- Heavy collar for block protection.
- For hard to soft asphalt, and asphalt off concrete conditions.
- Use on low to high horsepower machines.

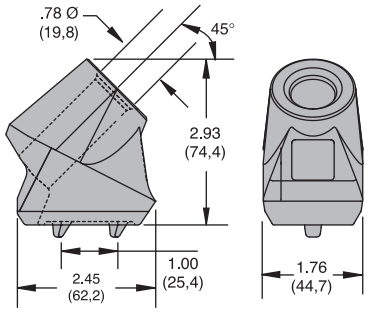
M3
1317446



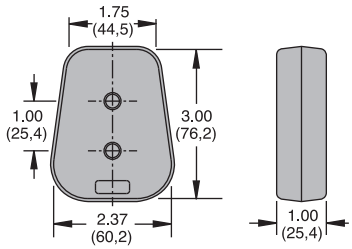
C10AMC Block
1012285



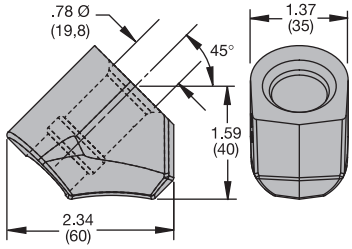
C10LG Block
1012345



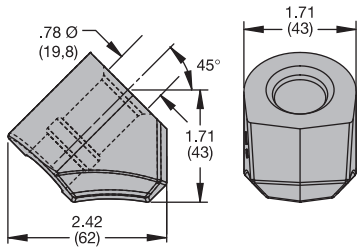
C10AM/LG Base
1012364



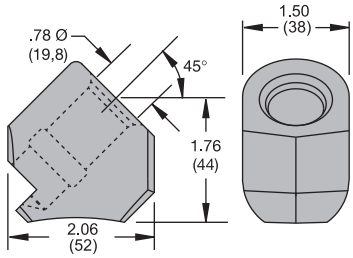
C10 Block
1012278



C10HD Block
1012289



C10H Block
1012280



Packaging Information

TOOL NAME	CODE	CONTAINER TYPE	A*	WEIGHT LBS.	WEIGHT KG.	PALLET WEIGHT LBS.	PALLET WEIGHT KG.	B**	PIECES PER PALLET
C10AMC block	1012285	bucket	20	33.0	15.0	1700	772.7	50	100
C10AM/LG base	1012364	bucket	20	38.0	17.2	1925	875	50	1000
C10HD block	1012289	bucket	25	29.5	13.4	1525	693.2	50	1250
C10LG block	1012345	bucket	25	31.0	14	1575	715	50	750
C10 block	1012278	bucket	35	33.2	15.1	1710	777.3	50	1750
C10H block	1012280	bucket	35	33.2	15.1	1710	777.3	50	1750

*A= Pieces per Container
**B= Containers per Pallet

KPF301 Block Systems

FEATURES:

- Heavy-duty base block for extended life!
- Large base area for maximum weld strength!
- Easy replacement sleeve requires no welding!
- Provides better protection!
- Easy tool removal!
- Economical quick-change system!

KPF 301/303 Sleeve Removal Tools

For complete list of drums and accessories, see pages 24-30.

Packaging Information

TOOL NAME	CODE	CONTAINER TYPE	A*	WEIGHT LBS.	WEIGHT KG.	PALLET WEIGHT LBS.	PALLET WEIGHT KG.	B**	PIECES PER PALLET
KPF301 Base	1873505	bucket	4	29.0	13.14	1478.0	670.4	50	200
KPF303R Sleeve	3545505	bucket	10	21.5	9.75	1105.0	501.2	50	500

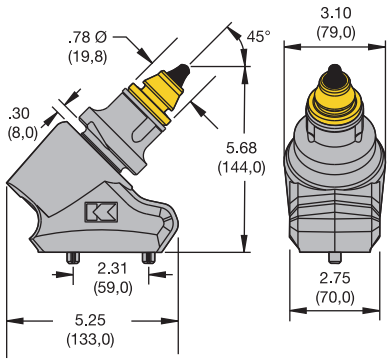
*A= Pieces per Container
**B= Containers per Pallet

KPF 301/303 – Nothing Works Better On Our Road-Ready Drums!

KPF301 Base

1873505

- engineered for unmatched durability

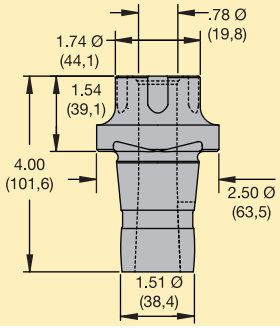


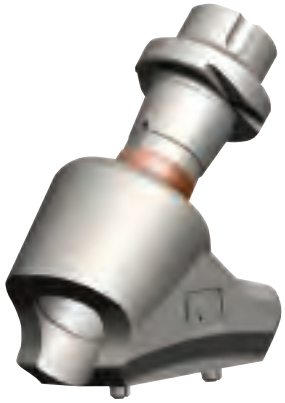
KPF303R Sleeve

3545505

Contains the same features as KPF303 with these new enhancements:

- Curved cross-section of retention surface and shorter extraction length for easier sleeve removal from KPF301 base!
- Bore relief enables removal of asphalt build-up and broken shanks!
- Bi-directional easy-pull notches allows reversing sleeve to double the wear life in abrasive applications





KPF303R
3545505

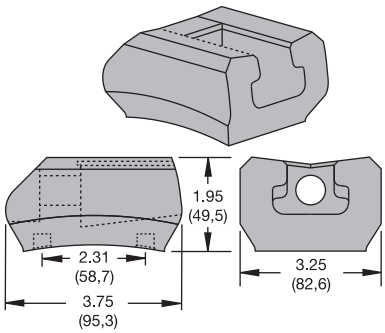
KPF301 Base
1873505

Taper-locking mechanism enables quick and easy changeouts!

QC100 Base

1011565

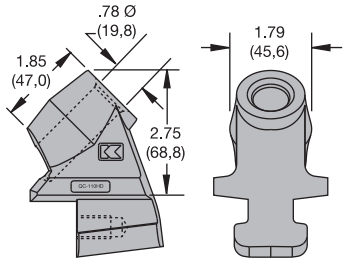
- for machines more than 400 horsepower



QC110HD Block

1013348

- for machines more than 400 horsepower

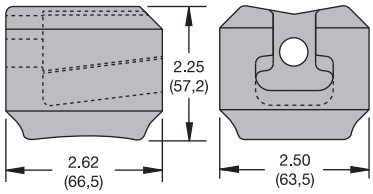


Bolt retention has been improved to prevent bolt loss.

QC110B Base

1012283

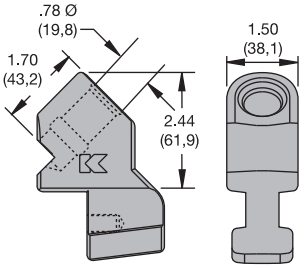
- for machines less than 400 horsepower



QC110H Holder

1012284

- for machines less than 400 horsepower



Kennametal Construction Tools deliver unparalleled performance – on all road planing makes and models!

Packaging Information

TOOL NAME	CODE	CONTAINER TYPE	A*	WEIGHT LBS.	WEIGHT KG.	PALLET WEIGHT LBS.	PALLET WEIGHT KG.	B**	PIECES PER PALLET
QC100 Base	1011565	bucket	8	31.5	14.28	1604.0	727.6	50	400
QC110B Base	1012283	bucket	10	28.7	13.02	1465.0	664.5	50	500
QC110HD Block	1013348	bucket	10	29.2	13.24	1490.0	675.9	50	500
QC110H Holder	1012284	bucket	15	28.6	12.96	1458.5	661.6	50	750

Assembly Instructions for QC100 Base, QC110HD, and Quick-Change Units

NOTE: System is held together by the taper, not by the bolt. The following assembly process is critical. If the block and base are not assembled properly, excessive movement between the two units will occur and the system may fail prematurely.

STEP 1:
Assembling the Block/Base for Welding

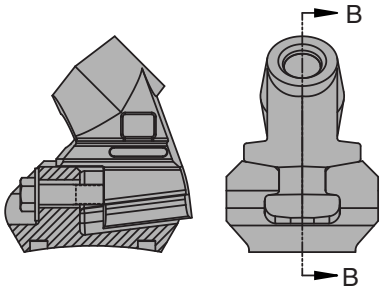
Choose Method 1 or 2 to assemble the quick-change block and base prior to welding. To make sure the block and base are positioned properly on the drum, use the cutting tool point as the locator point.

Method 1: Lightly Hammered

1. Place the quick-change block in the base. In this position, the front of the quick-change block will protrude out from the base about 1/4" - 3/8".
2. Lightly hammer the front of the block “T” section to seat the block into the base.
3. Properly locate the base unit on the drum and tack weld into position.
4. Check alignment. Finish-weld the base unit to the drum. The quick-change block can remain in the base or be removed during the finish weld.

Method 2: Press-Fit

1. Pressing the quick-change block and QC100 base together is the most precise method of assembly.
2. Secure the base in a pressing fixture that enables 10,000 pounds of pressure to be applied safely.
3. Press the block into the base using 10,000 pounds of pressure.
4. With the block pressed in the base, the unit can be tack welded to the drum and then finish welded.



STEP 2:
Assembling the Block/Base after Final Welding

Follow Step 1 if the quick-change block is not in the QC100 base. If the block is in the base, proceed as follows:

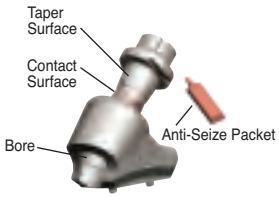
1. Hit the block on the front of the “T” section four to five times with a 4- to 5-pound steel hammer. This will drive the block into the base to a point where the front of the block protrudes out in front of the base by about 1/8" to 3/16". At this point, the two pieces will be locked together by the tapers.
2. When hit, the block/base unit will start out making a dull “thud” sound. As they become properly seated, the “ringing” becomes a high-pitched sound as the block and base lock together.
3. Once the block is seated, install the bolt supplied with the holder and torque to 60 - 70 pounds. DO NOT SEAT THE QUICK-CHANGE BLOCKS USING THE TORQUE ON THE BOLT ONLY. THE BOLT STRENGTH IS INSUFFICIENT TO APPLY THE REQUIRED ASSEMBLY LOAD.
4. Operate the machine four to six hours.
5. Check blocks and bolts. Reseat any loose units and re-torque any loose bolts according to Step 2.
6. Check all block assemblies after 10 to 12 hours of operation. All units should be tight at this point. If some units are found to be loose, disassemble and re-assemble per Step 2, above.
7. Block and base units that have been tightened twice, as noted in Step 2, are considered locked together by the tapers. They should remain locked together under normal working conditions. It is normal for bolts to be loose. Loss of bolts completely from a properly assembled unit will not be detrimental. The block/base unit is sufficiently locked together by the tapers.

Changing Worn Blocks

1. To remove a worn block from the base, hit the back of the block as close as possible to the top of the base with a 4-to 5-pound hammer. Be careful not to damage the base.
2. Remove the block and clean any debris from the base.
3. Install the new block according to directions in Step 2.

Questions?

If you have questions about assembling the QC100 base and the QC110HD, contact your Kennametal representative for assistance.

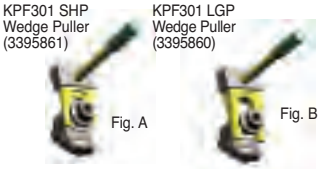


Step 1. SLEEVE INSTALLATION

- Use anti-seize or light oil to lubricate sleeve contact surface prior to installation (anti-seize packet included inside the bore of each sleeve)
- Do not lubricate the taper surface
- Always clear debris from the base bore prior to installation

Step 2. SLEEVE INSTALLATION

- Easy Pull notches on the sleeve should be aligned with the opening towards the top of the block as illustrated above or rotated slightly for outside gage cutter blocks. This allows access for wedge puller during sleeve removal (wedge puller shown here and in Step 3, figures A and B below.
- Always protect the face of sleeve during installation — KPF installation bit (1968708) as shown above.
- Maintain proper alignment of sleeve with base bore when installing. If sleeve is misaligned it could damage internal bore of base.



Step 3. SLEEVE REMOVAL

1. Use the starter KPF301 SHP Wedge Puller (3395861), to break the taper on the sleeve (Fig. A).
2. Use the KPF301 LGP Wedge Puller to move the sleeve the rest of the way out of the Base (Fig. B). If planning to re-install, be sure to clean bore and sleeve before installation procedure.

Step 4. X-TRACTOR TOOL

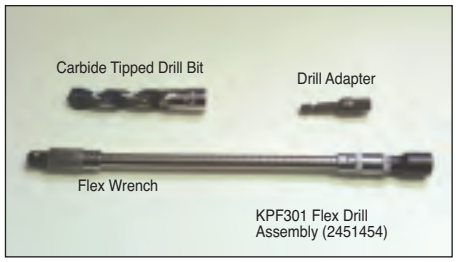
This punch can provide another means to remove sleeves after breaking the taper lock with the KPF301 SHP Wedge Puller. This can only be used where accessible to rear of the sleeve.

Step 5. BROKEN SLEEVE REMOVAL

To remove a broken sleeve, first clear the bore of any material. This can be done with a 3/4" masonry bit and drill. Next, install the KPF301 sleeve removal assembly into bore of the sleeve and tighten nut as shown above. Then refer to normal removal with the KPF301 Puller shown in Step 3.

Step 6. FLEX DRILL ASSEMBLY

For cleaning bores of KPF303 sleeves when broken bit shanks are still in the bore. Note: For other cleaning applications, use the drill from the front of the block without the flex assembly.



Features:

- 1/4" hex fits any standard drill.
- Flexible drill extension for hard to reach areas.
- Outer surface does not rotate.
- Carbide tipped drill bit gives high performance and long life.

Advantages:

- Cleans bore more effectively than other methods.
- Faster, more efficient method of material removal.
- Easy, safe way to maintain the KPF301 system.

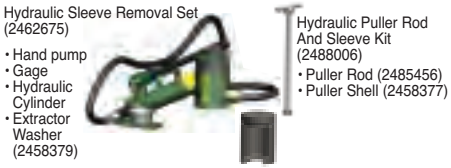
Note: Lubricate flexible drive with two drops of machine oil in each end as needed.

Step 7. TOOTH REMOVAL (MANUAL)

Using the U70 padded puller and a hammer. Use puller to wedge between the tool and the sleeve to extract the tooth. Also can use RP puller, order code 1761401.
Note: Always use proper eye and face protection when extracting tools from sleeves.

Step 8. TOOTH REMOVAL (AIR HAMMER)

Using the KPF300CH Air Hammer chisel, start with the chisel between the tool and sleeve and wedge the tool out. Note: Always use proper eye and face protection when extracting tools from sleeves.



Step 9. HYDRAULIC SLEEVE REMOVAL

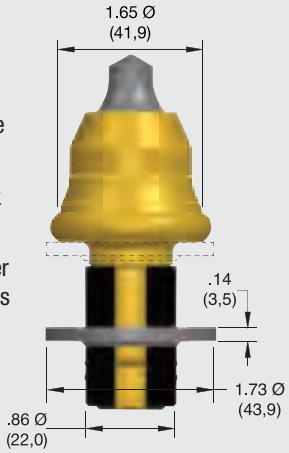
- Hydraulically assisted removal
- Flexible hose allows access to tight areas
- Cylinder can move independently of pump
- Light, portable design
- 10,000 psi pump
- Cylinder rated for 20 tons at 10,000 psi
- Removes sleeves more efficiently
- Less physical strain to remove a sleeve
- Safest way to remove sleeves

Step 10. HYDRAULIC SLEEVE REMOVAL

SR Series

FEATURES:

- Extra-large body design.
- Maximum resistance to body wear.
- Wide collar for block protection.
- Long retainer/washer combination provides maximum block protection.



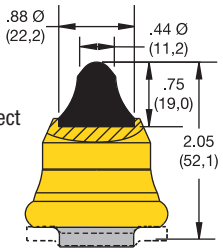
SM Series

FEATURES:

- Heavy body, puller-groove design.
- Heavy collar for block protection.

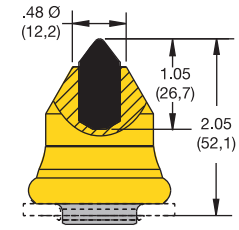
SR01
2461514

- for soil stabilizing
- features large base diameter tip to protect steel body



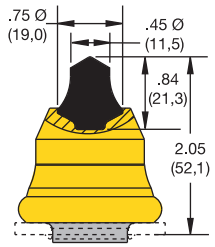
SR02
2263823

- for hard soil and rocky ground conditions



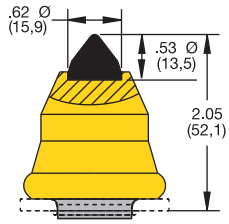
SR03
2040526

- for hard soil conditions
- features washer and long retainer to reduce block wear



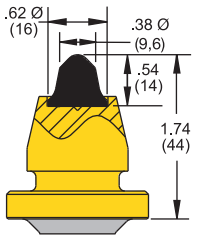
SR04
2493380

- tip designed for medium type abrasive conditions with rock inclusions



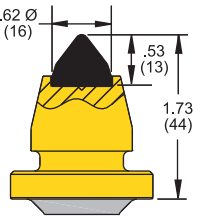
SM01
1010860

- for asphalt and other abrasive conditions



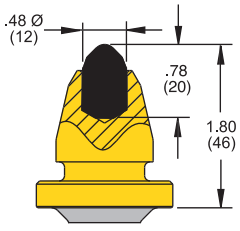
SM02
1010817

- for soft to medium conditions



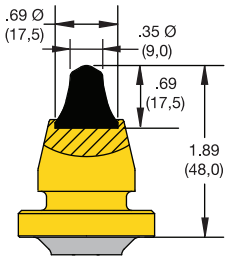
SM06
1010815

- for solid rock and steel-reinforced concrete



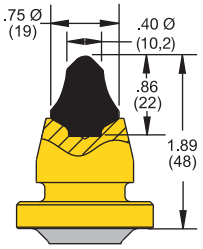
SM03
1010887

- for cutting highly abrasive materials



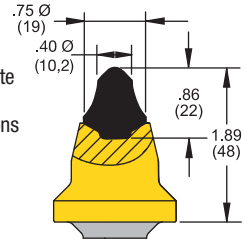
SM04
1317495

- for hard asphalt, concrete, or semi-rocky conditions



SM07
2274671

- for hard concrete and abrasive cutting conditions

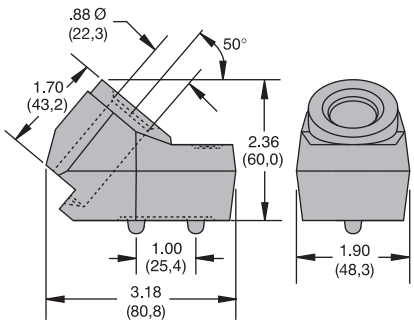


Packaging Information

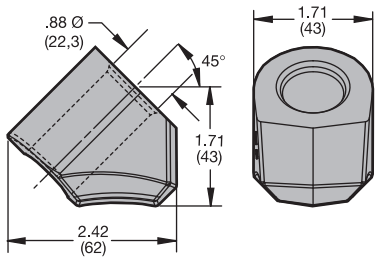
TOOL NAME	CODE	CONTAINER TYPE	A*	WEIGHT LBS.	WEIGHT KG.	PALLET WEIGHT LBS.	PALLET WEIGHT KG.	B**	PIECES PER PALLET
SR01	2461514	box	50	48.0	21.77	1758.0	797.4	36	1800
SR02	2263823	box	50	48.0	21.77	1758.0	797.4	36	1800
SR03	2040526	box	50	47.5	21.55	1740.0	789.3	36	1800
SR04	2493380	box	50	47.5	21.55	1740.0	789.3	36	1800
SM01	1010860	bucket	50	34.0	15.42	1730.0	784.7	50	2500
SM02	1010817	bucket	50	33.9	15.40	1727.5	783.6	50	2500
SM03	1010887	bucket	50	35.2	15.94	1787.5	810.8	50	2500
SM04	1317495	bucket	50	35.1	15.93	1785.8	810.0	50	2500
SM06	1010815	bucket	50	34.5	15.70	1725.0	782	50	2500
SM07	2274671	bucket	50	34.0	15.40	1700.0	771	50	2500

*A= Pieces per Container
**B= Containers per Pallet

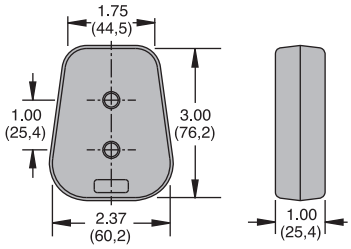
C87RL Block
1012298



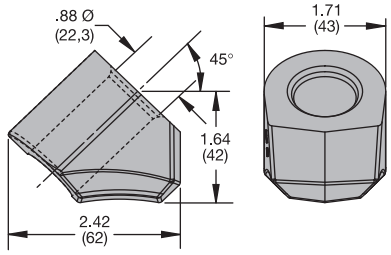
C87HDS Block
1012290



CM10AM/LG Base
1012364



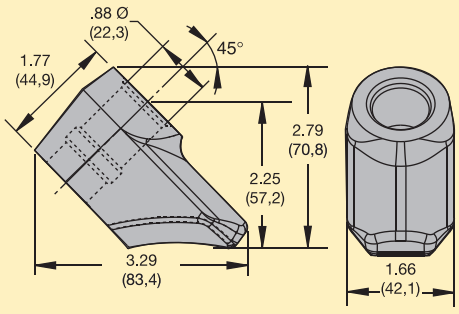
C87E Block
1012365



SLB01 Block *1858587*

FEATURES:

- Large welding area.
- Features extra clearance for external retainer tools.



Packaging Information

TOOL NAME	CODE	CONTAINER TYPE	A*	WEIGHT LBS.	WEIGHT KG.	PALLET WEIGHT LBS.	PALLET WEIGHT KG.	B**	PIECES PER PALLET
SLB01 Block	1858587	bucket	20	29.0	13.15	1480.0	671.3	50	1000
C87RL Block	1012298	bucket	20	33.2	15.06	1690.0	766.6	50	1000
CM10AM/LG Block	1012364	bucket	25	46.5	21.09	2355.0	1068.2	50	1250
C87HDS Block	1012290	bucket	20	23.4	10.61	1200.0	544.3	50	1000
C87E Block	1012365	bucket	25	29.0	13.15	1480.0	671.3	50	1250

*A= Pieces per Container
**B= Containers per Pallet

Order Your Road-Ready™ Custom Drums!

- Unbeatable performance!
- Reduce costs!
- Wide assortment of replacement tools!
- Boost your profitability, even in the most challenging environments!
- Economical quick-change systems!

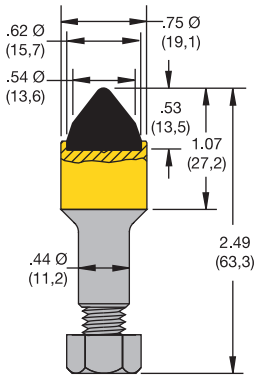
See page 24 for more information!

Every day, Kennametal drums are engineering a competitive edge for customers just like you!

CM41

1010827

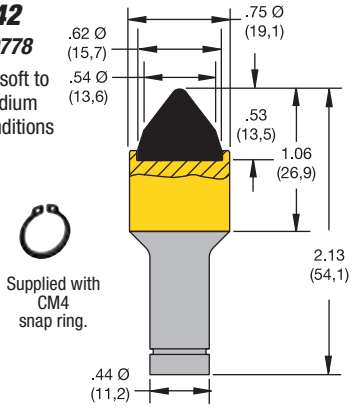
- for soft to medium abrasive cutting conditions
- shank is threaded for increased retention in the block



CM42

1010778

- for soft to medium conditions



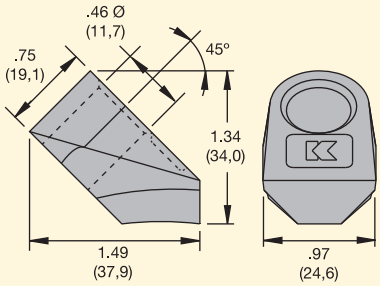
Supplied with CM4 snap ring.

CMB4 Block

1012281

FEATURES:

- Accepts CM41 and CM42 cutting tools.
- All blocks are easily welded with a 7018 or 8018 low-hydrogen rod or equivalent wire.



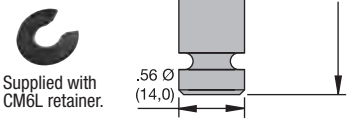
Packaging Information

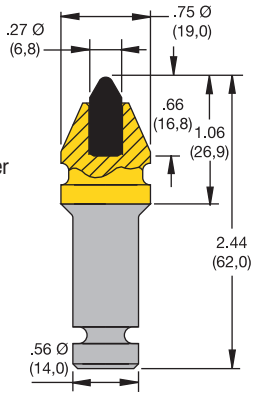
TOOL NAME	CODE	CONTAINER TYPE	A*	WEIGHT LBS.	WEIGHT KG.	PALLET WEIGHT LBS.	PALLET WEIGHT KG.	B**	PIECES PER PALLET
CM41	**1010827**	bucket	200	39.0	17.69	1980.0	898.1	50	10000
CM42	**1010778**	bucket	200	34.8	15.78	1770.0	802.9	50	10000
CMB4 Block	**1012281**	bucket	200	42.6	19.32	2160.0	979.8	50	10000

*A= Pieces per Container
**B= Containers per Pallet

CM61
1094015

- for medium to hard conditions
- small-diameter tip designed for increased penetration

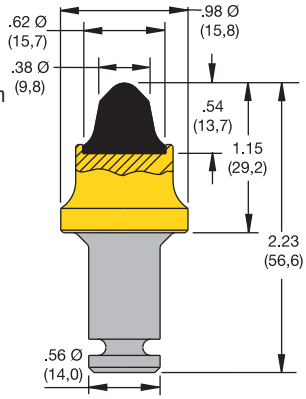

Supplied with CM6L retainer.



CM63
1795208

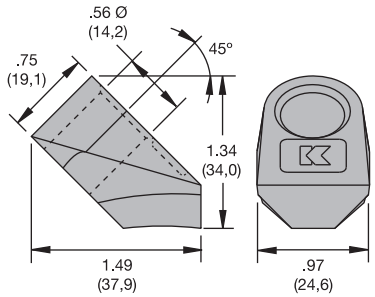
- for medium to hard conditions
- the wide collar provides maximum block protection

Supplied with CM6H retainer.



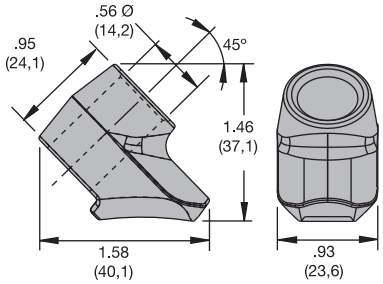
CMB6 Block
1321008

- accepts CM61, and CM63 cutting tools
- all blocks are easily welded with a 7018 or 8018 low-hydrogen rod or equivalent wire



CMB6L Block
1898353

- for use with CM65 cutting tools
- features cannon-style face for improved tool rotation and larger base for stability and weld strength

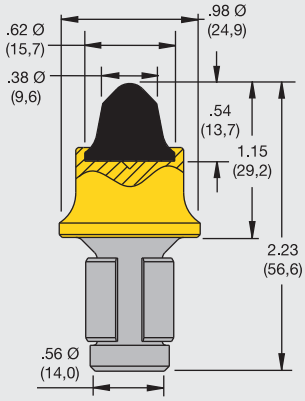


Our CM65 tool has a wide-flanged tip for better cutting efficiency and wear resistance in abrasive conditions!

CM65
1876905

FEATURES:

- For medium to hard conditions.
- Flanged carbide tip for better wear resistance in abrasive cutting.



Packaging Information

TOOL NAME	CODE	CONTAINER TYPE	A*	WEIGHT LBS.	WEIGHT KG.	PALLET WEIGHT LBS.	PALLET WEIGHT KG.	B**	PIECES PER PALLET
CM61	1094015	bucket	200	37.0	16.78	1880.0	852.8	50	10000
CM63	1795208	bucket	200	41.0	18.60	2080.0	943.5	50	10000
CM65	1876905	bucket	200	43.0	19.50	2180.0	988.8	50	10000
CMB6 Block	1321008	bucket	200	37.0	16.78	1880.0	852.8	50	10000
CMB6L Block	1898353	bucket	150	31.0	14.06	1580.0	716.7	50	7500

*A= Pieces per Container
**B= Containers per Pallet

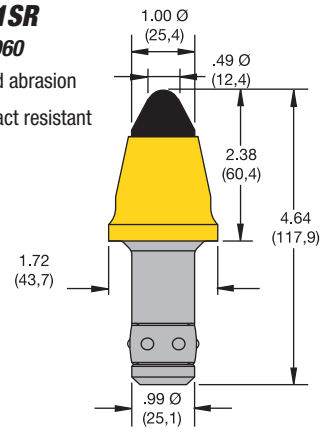
Packaging Information

TOOL NAME	CODE	CONTAINER TYPE	A*	WEIGHT LBS.	WEIGHT KG.	PALLET WEIGHT LBS.	PALLET WEIGHT KG.	B**	PIECES PER PALLET
CH31SR	1010960	bucket	25	35.9	16.27	1823.7	827.2	50	1250
AR30C Block	1012307	bucket	4	20.0	9.09	1032.0	468.1	50	200
AR350T	1012258	K05 Box	6	34.2	15.51	1739.5	789.0	50	300
AR350ST	1012239	K05 Box	6	33.6	15.22	1707.7	774.6	50	300
AR35 Block	1012282	K05 Box	10	38.2	17.34	1941.5	880.6	50	500
RC01	3344778	box	50	37.5	17.01	2055.0	932.1	54	2700

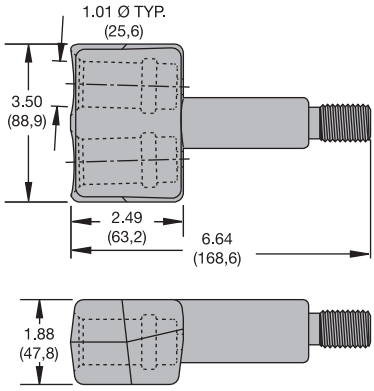
*A= Pieces per Container
**B= Containers per Pallet

CH31SR
1010960

- good abrasion
- impact resistant

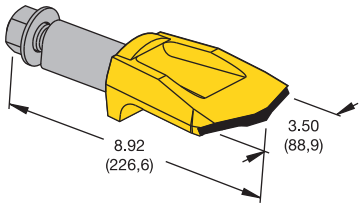


AR30C Block
1012307



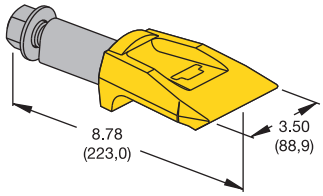
AR350T Carbide-Edges Tooth
1012258

- for mixing of soils and gravels

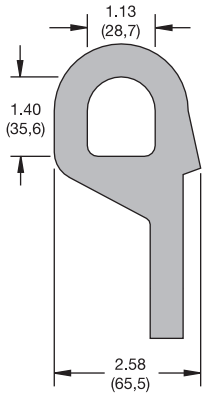


AR350ST All-Hardened Steel Tooth
1012239

- for use in rocky conditions

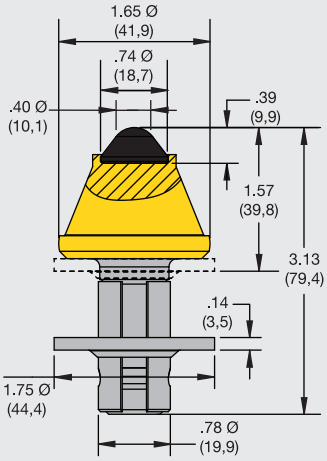


AR35 Block
1012282

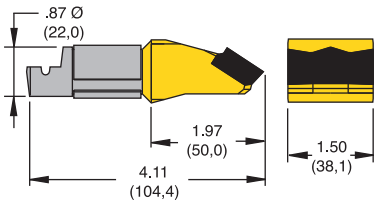


NEW!
RC01
3344778

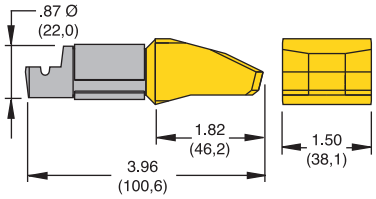
- Short rounded tip does not pull rocks from the base material.
- Less aggressive in cement/lime mixing operations.
- Wide tip to protect tool body in abrasive conditions.
- Tapered body uses less energy to penetrate.
- Hardened steel body.
- Use in standard C10 series blocks and KPF303 sleeves.



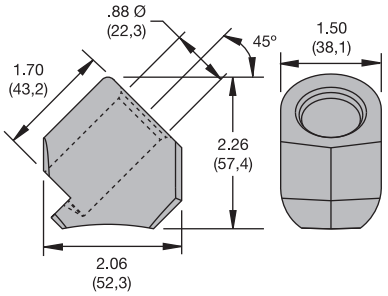
AR150 87 Carbide-Edged Tooth
1012240



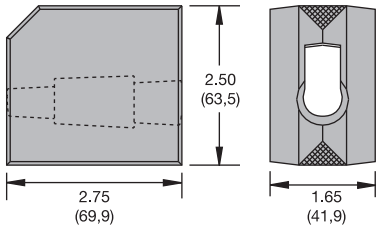
AR150 87ST All-Hardened Steel Tooth
1012241



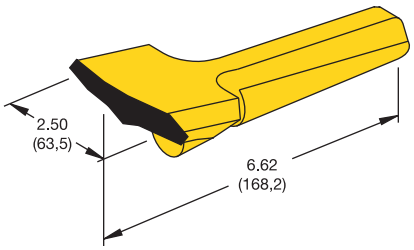
C87B Block
1012275



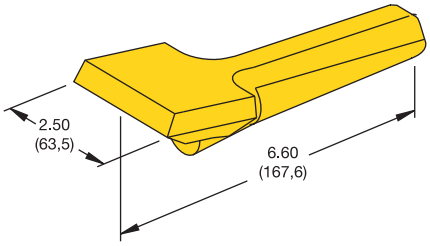
KBB250 Block
1012296



KB250 Carbide-Edged Tooth
1012238

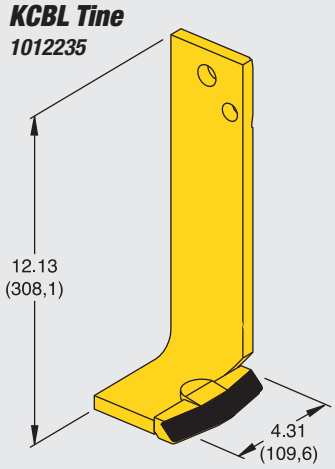


KB250ST Tooth
1012242

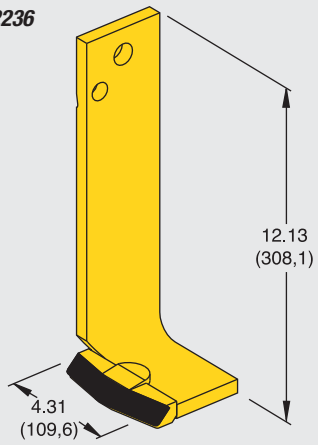


Outlast steel blades up to 20:1!
Mounting holes match existing machines.
Maximum steel head protection provided.

KCBL Tine
1012235



KCBR Tine
1012236



Packaging Information

TOOL NAME	CODE	CONTAINER TYPE	A*	WEIGHT LBS.	WEIGHT KG.	PALLET WEIGHT LBS.	PALLET WEIGHT KG.	B**	PIECES PER PALLET
KCBL Tine	1012235	K05 Box	6	44.7	20.25	2262.7	1026.3	50	300
KCBR Tine	1012236	K05 Box	6	44.7	20.25	2262.7	1026.3	50	300
AR150 87	1012240	bucket	40	38.0	17.22	1928.0	874.5	50	2000
C87B Block	1012275	bucket	25	22.8	10.33	1168.5	530.0	50	1250
KB250	1012238	bucket	15	29.6	13.42	1508.8	684.4	50	750
AR150 87ST	1012241	bucket	40	35.6	16.13	1808.0	820.1	50	2000
KBB250	1012296	bucket	12	31.0	14.08	1582.4	717.8	50	600
KB250ST	1012242	bucket	15	28.3	12.84	1445.8	655.8	50	750

*A= Pieces per Container
**B= Containers per Pallet

Milling and Reclamation Drum Program

Do You Have Road-Ready™ Drums?

New or rebuilt drums that simply perform better and last longer!

- Block systems provide proven performance!
- End rings proven to reduce wear and provide straight cut!
- Optimum road patterns and matching capabilities!
- Balanced to reduce machine vibration!
- Drum designed to meet your application needs!

Complete with its own ID plate, serial number, and certificate of authenticity that entitles you to:

- Kennametal Drum Warranty
- Free set of premium start-up tools — the newest, "next generation" tools we make!
- Complete maintenance tool kit provided

MAINTENANCE TOOL KIT

Your one-stop-shop for all your drum needs!
Call for special discounts on multiple drum purchases.

CERTIFICATE

Kennametal Drum Certificate of Authenticity

This certificate, along with a Kennametal drum name plate with matching Serial Number 10-123A, guarantees the original purchaser,

XYZ COMPANY

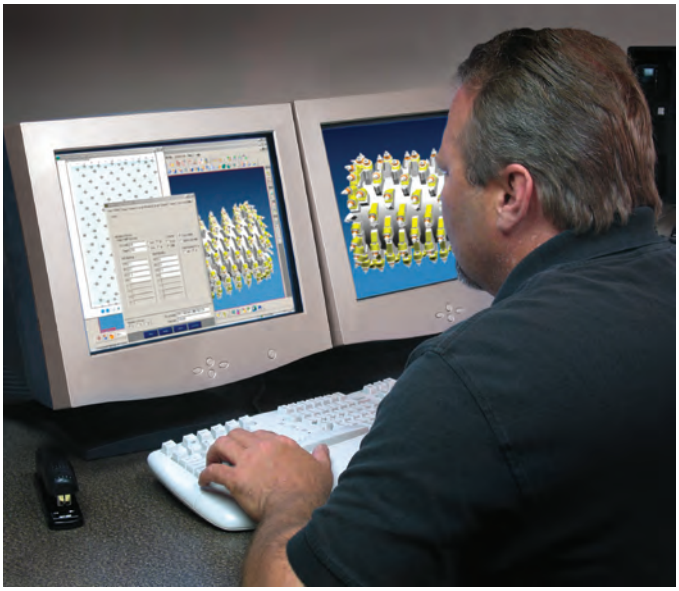
complete rights and benefits of the Kennametal Road Ready™ Milling Drum Program.

Exclusive rights under the Kennametal Road Ready™ Milling Drum Program are:

- Kennametal Drum Warranty . . . .quality goes on before the name goes on!
- Free set of "premium" start up tools.
- Complete maintenance tool kit, including:
  - 2 wedge pullers, 1 flex drill, 1 bucket spare sleeves, 1 sleeve removal tool, official Kennametal promotional items
- Kennametal identification plate with serial number. Required, along with this certificate, for complete warranty coverage.
- Discount coupon off next purchase. . . Equal to X percent of the value of the drum.
  - Example: 5% off your next tool purchase by February 28th, minimum 3-5 pallets if you order a drum by January 31st.

Authorized Representative, Kennametal Inc. Date

ID PLATE

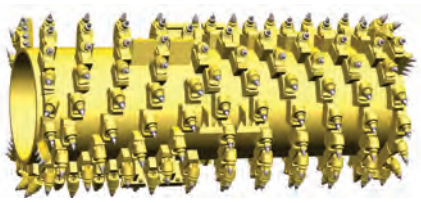


Drum Lacing Designs

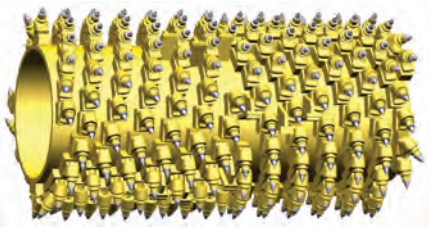
Engineered specifically to optimize your road milling productivity and profitability!

- Computer-engineered tuned drum designs with synchronized lacing!
- Provide options to view the road pattern at different speeds and RPMs before you purchase your drum!
- Software program creates and maps perfectly balanced drums!
- Ensures optimum placement of cutting tools!
- Provides maximum productivity and wear characteristics!

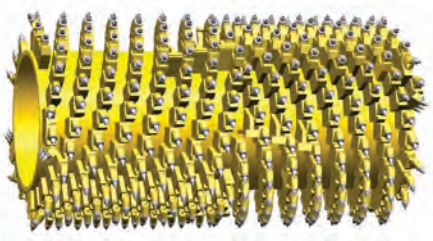
Five different types of drums!



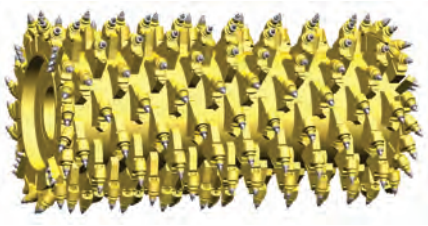
Standard Milling



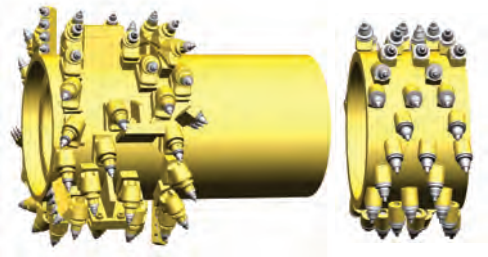
Profile Milling



Micro Milling



Reclamation/Stabilization Drums



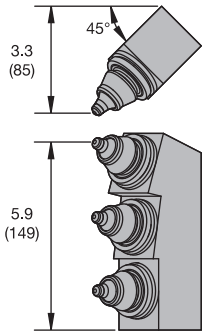
Specialty Drums

Edge Cutters

- Completely assembled for easy replacement in the field
- Pre-designed cutting angles
- Three sizes available to fit many drum combinations

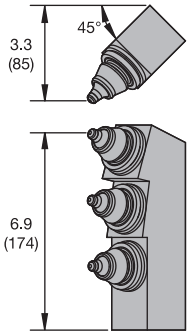
3044EC Edge Cutter

2037958



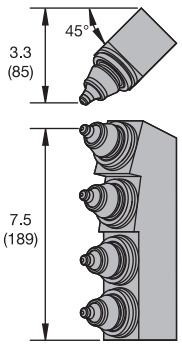
3046EC Edge Cutter

2433072



3048EC Edge Cutter

2432317

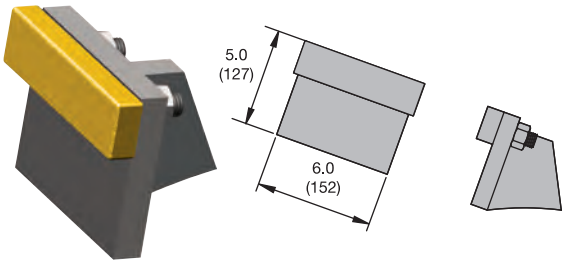


Kennametal KenCast Kicker Plate Assembly

- Completely assembled for easy replacement in the field
- Pre-designed kicker angles
- Three sizes available to fit many drum combinations
- Replaceable wear casting

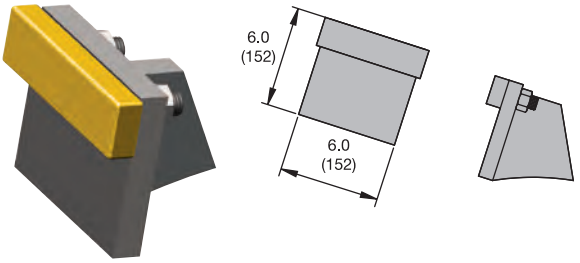
3044KP Kicker Plate Assembly

2248722



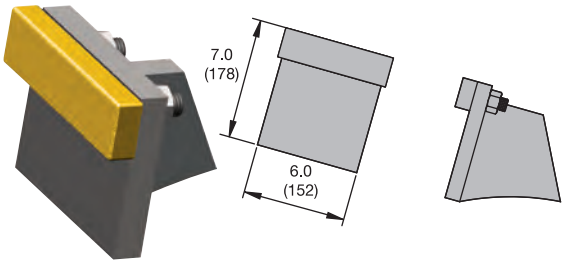
3046KP Kicker Plate Assembly

2435362



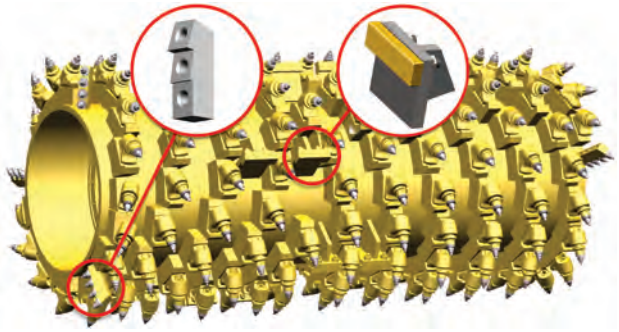
3048KP Kicker Plate Assembly

2431848



Suggested Number of Components per Drum

TOOL NAME	CODE	30" (762 MM) DRUM DIA. AND 44" (1117,6 MM) CUT DIA. 7 " (177,9 MM) BETWEEN DRUM AND CUT RADIUS.	30" (762 MM) DRUM DIA. AND 46" (1168,4 MM) CUT DIA. 8" (203,2 MM) BETWEEN DRUM AND CUT RADIUS.	30" (762 MM) DRUM DIA. AND 48" (1219,2 MM) CUT DIA. 9" (228,6 MM) BETWEEN DRUM AND CUT RADIUS.
3044EC	2037958	6	2	
3046EC	2433072		4	2
3048EC	2432317			4
3044KP	2248722	12		
3046KP	2435362		12	
3048KP	2431848			12



KenCast — Our Exclusive Product!

Protect Your Drum and Skid Shoes with Maximum-Duty KenCast™ Parts!

KenCast parts are unique because no one makes wear parts like Kennametal. These extremely durable wear-resistant parts are manufactured in our own foundry.

Your equipment runs in abrasive conditions. Protect your investment with Kennametal KenCast composite material. It combines the exceptional wear resistance of Kennametal cemented tungsten carbide with the toughness and practicality of air-hardened steel.

Available in a variety of standard sizes, can be easily welded to your equipment, and is more breakage-resistant than brazed carbide tiles.

Use KenCast parts on:

Reclamation equipment:

- pedestal protectors
- side cleaner bars

Road planing equipment:

- kicker plates
- drag shoes
- quick-change block-base protectors

Trenching equipment:

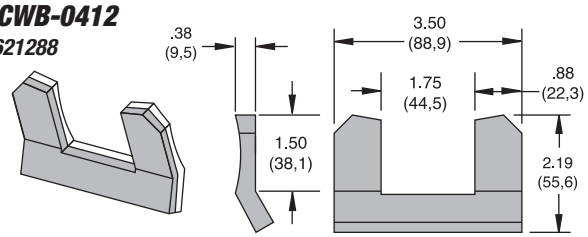
- base segment protection

KenCast parts are:

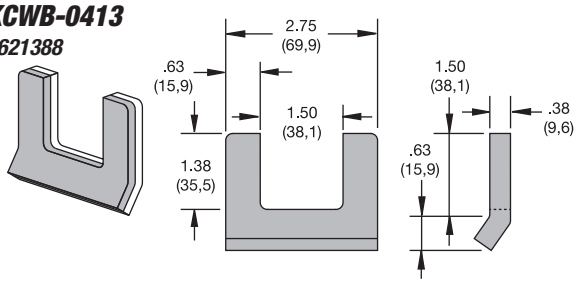
- easier to apply and tougher than brazed-on solid carbide tiles
- longer lasting and easier to apply than hardfacing material
- more wear resistant than standard or AR-type steels
- better at protecting the carbide particles than embedded weld overlays

These parts are faced with Kennametal KenCast, composites of crushed carbide granules and extremely wear resistant, yet weldable steel. Economical, easy to apply, and will significantly increase wear life.

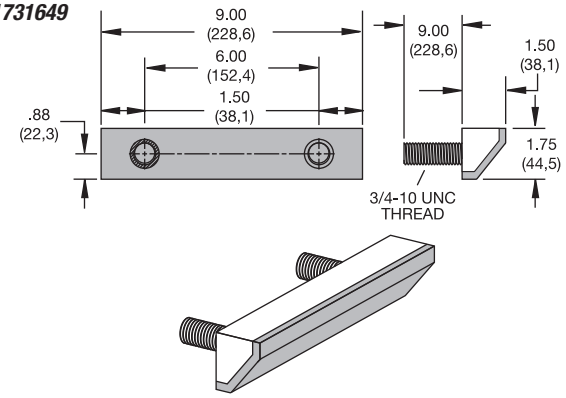
QC100 Base Protector
KCWB-0412
1621288



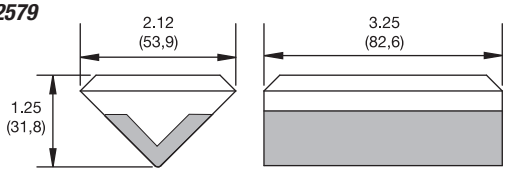
QC110B Base Protector
KCWB-0413
1621388



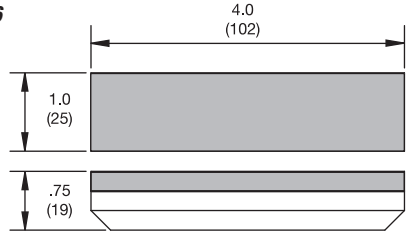
Bolt-On Reclaimer Protector
KCWB-0420
1731649



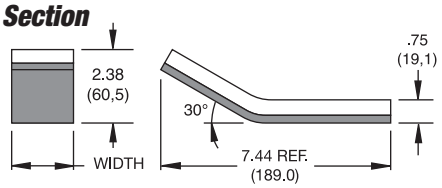
KCWB-0290 Wear Bar
1012579



KCWB-0055-40 KenCast Wear Bar
1012636

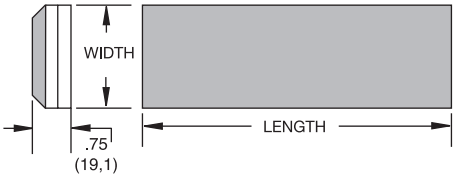


Planer Skid End Section



DESCRIPTION	PRODUCT CODE	WIDTH
KCWB0311	1012596	2.00 (50,8)
KCWB0312	1012597	3.00 (76,2)

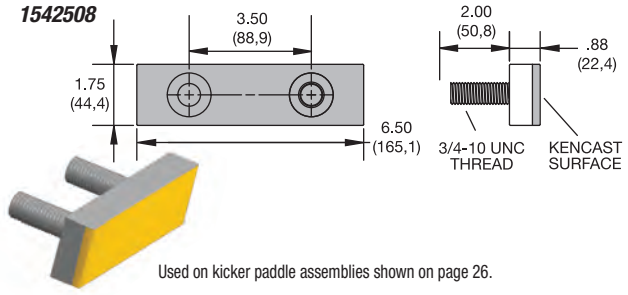
Planer Skid Wear Bar



DESCRIPTION	PRODUCT CODE	LENGTH	WIDTH
KCWB0056 40	1012642	4.00 (101,6)	2.00 (50,8)
KCWB0056 60	1012643	6.00 (152,4)	2.00 (50,8)
KCWB0057 40	1012647	4.00 (101,6)	3.00 (152,4)
KCWB0057 60	1012648	6.00 (152,4)	3.00 (152,4)

*Other sizes available, please contact your local sales represent

KCWB-0406 Bolt-On Drum Paddle Protector
1542508

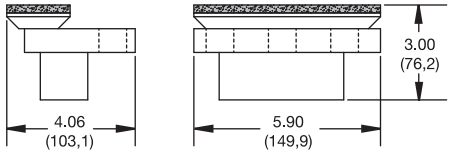


Used on kicker paddle assemblies shown on page 26.

KCWB-0540 KenCast Kicker Plate Assemblies for Wirtgen Machines

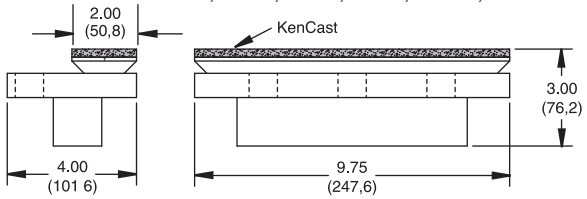
Retrofit for 6" Ejector - Wirtgen No. 45220 – (Ejector 150)
Kennametal Part No. KCWB-0556 — SAP No. 3033385

- Fits models W600DC, W1000L, W1000, W1000F, and W1200F



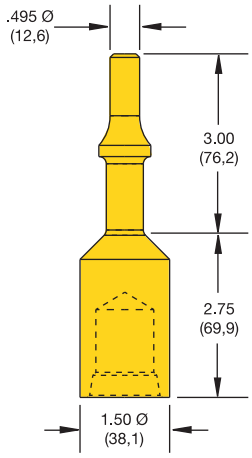
Retrofit for 10" Ejector - Wirtgen No. 44097 – (Ejector 250)
Kennametal Part No. KCWB-0540 — SAP No. 2243688

- Fits models 1300-2000 DC, W1500, W1900, W2000, 2100DC, and W2200

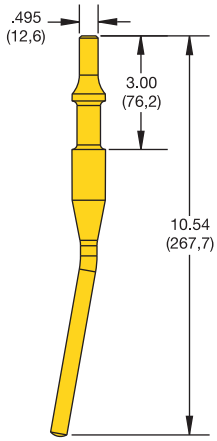


1/2" Air Hammer (Fits .498 Opening)

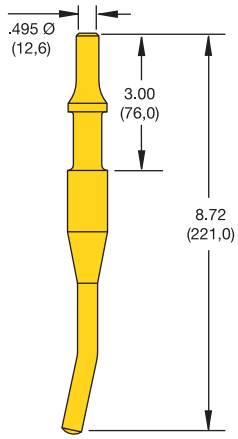
KIT 1 HD Air-Hammer Installation Tool
1012244



KPF300 AHP 1 HD Air-Hammer Punch
1850981

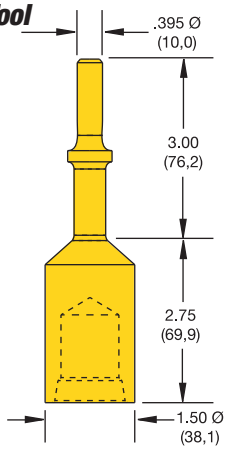


KAHP 1 HD Air-Hammer Punch
1012246

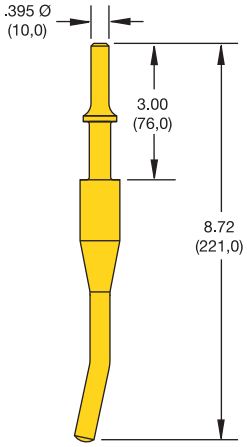


3/8" (10,0) Air Hammer (Fits .401 Opening)

KIT 1 Air-Hammer Installation Tool
1012243

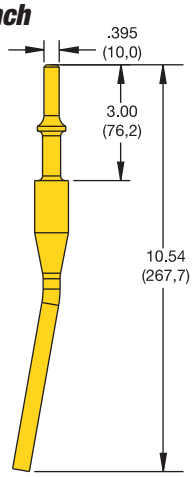


KAHP 1 Air-Hammer Punch
1012245



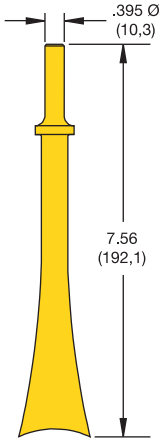
KPF300 AHP 1 Air-Hammer Punch
1851015

- for use with KPF300 system



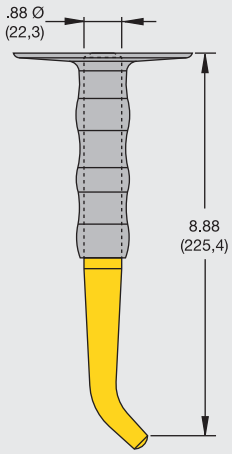
KPF300CH Air-Hammer Chisel
2427191

- drives teeth out from KPF301 sleeve
- wedges between tool and holder for easy tool removal

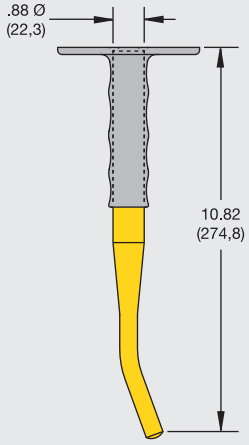


Hammer Punches

KHP 2 Hammer Punch
1012247



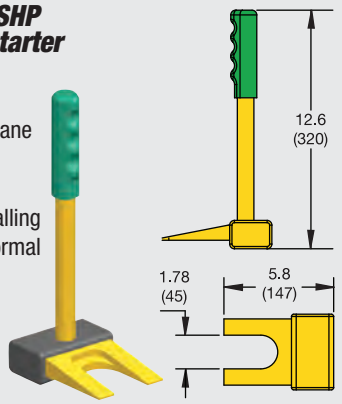
KHP 3 Hammer Punch
1782456



KPF301 Wedge Pullers

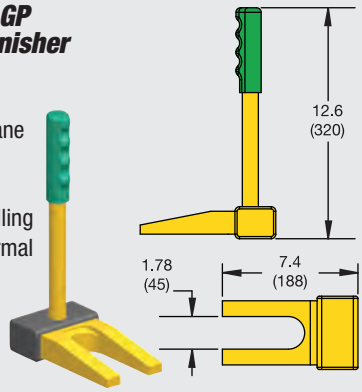
KPF301 SHP Wedge Starter
3395861

- tough polyurethane padding reduces metal spalling during normal use



KPF301 LGP Wedge Finisher
3395860

- tough polyurethane padding reduces metal spalling during normal use

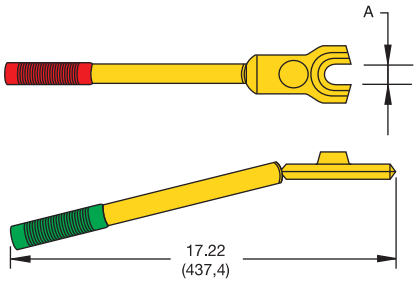


U70 Wedge Puller with Pad
3043394

- drives teeth out from KPF301 sleeve
- wedges between tool and holder for easy tool removal

See page 17 for additional installation and removal tools.

Hammer-Type Pullers for Removal of Cutting Tools

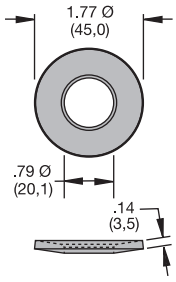


Packaging Information

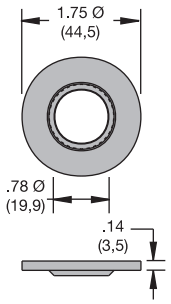
SERIES	DESCRIPTION	A DIMENSION	HANDLE
RZ, RP	RP puller 1761401	1.02 (26,0)	red
RS, RL, SM, SI	C 123 puller 1012016	.91 (23,1)	green

.76" Shank Series Washers

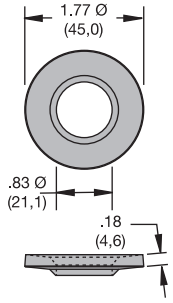
BW175 Washer
1765007



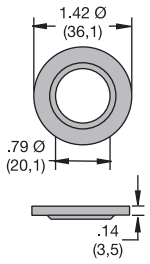
FB175 Washer
2399436



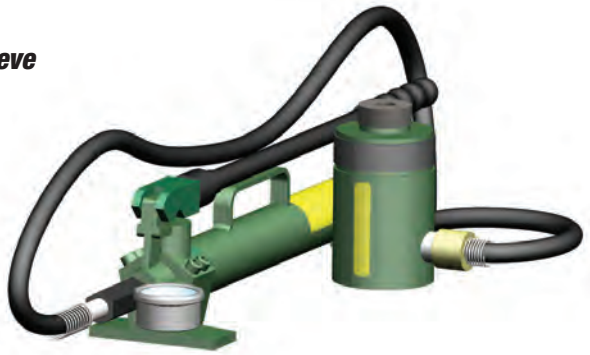
Bell Washer
1515213



1.42" Washer
1879343



KPF201-301 Hydraulic Sleeve Removal Set
2462675



Eliminate Bond Failure and Extend Your Wear Life with...

Mold-On Track Pads

Boosts your profitability even in the most challenging environments!

- Exclusive steel tab mechanical bond!
- Reduce costs!
- Superior pad life!

FITS ROADTEC	PADS PER TRACK	KENNAMETAL DESCRIPTION	TRACK PAD CODE	BOLT PART NUMBER	BOLT CODE	NUT PART NUMBER	NUT CODE
RX 25, 45	22 f, 25 r	KMD4140625	2426364	TBCR1251	2426366	TNCR1250	2426372
RX 25, 45 Master	1	KMD4140625M	2426365	TBCR3570	2426367	N/A	
RX 40, 45B	22 f, 25 r	KMD4160625	2426346	TBCR1251	2426366	TNCR1250	2426372
RX 40, 45B Master	1	KMD4160625M	2426347	TBCR3570	2426367	N/A	
RX 50A, 60, 70	24	KMD5160625	2426348	TBCR1251	2426366	TNCR1250	2426372
RX 50A, 60, 70 Master	1	KMD5160625M	2426349	TBCR3570	2426367	N/A	
RX60 Rear (20 inch)	24	KMD5200625	2426351	TBCR1251	2426366	TNCR1250	2426372
RX60 Rear Master	1	KMD5200625M	2426352	TBCR3570	2426367	N/A	
RX500 3 Tracked Front	_	KMB2120500	2426343	TBIN2760	2426371	TNIN1286	2426375
3 Tracked Rear	_	KMB2140500	2426345	TBIN2760	2426371	TNIN1286	2426375
RX500 4 Tracked - ALL	_	KMB2120500	2426343	TBIN2760	2426371	TNIN1286	2426375
RX700 3 Tracked Front	_	KMD4140625	2426364	TBCR1251	2426366	TNCR1250	2426372
3 Tracked Rear	_	KMD4160625	2426346	TBCR1251	2426366	TNCR1250	2426372
RX700 4 Tracked - ALL	_	KMD4140625	2426364	TBCR1251	2426366	TNCR1250	2426372
RX900 3 Tracked Front	_	KMB5140625	2426344	TBCR1251	2426366	TNCR1250	2426372
3 Tracked Rear	_	KMD5160625	2426348	TBCR1251	2426366	TNCR1250	2426372
RX900 4 Tracked - ALL	_	KMB5140625	2426344	TBCR1251	2426366	TNCR1250	2426372

* Some older Roadtec's have 93 regular pads per set. *Always ask if there is a Master Link

FITS CATERPILLAR	PADS PER SET*	KENNAMETAL DESCRIPTION	TRACK PAD CODE	BOLT PART NUMBER	BOLT CODE	NUT PART NUMBER	NUT CODE
PM-465	30	KME7100500	2426330	TBIN2760	2426371	TNIN1286	2426375
PM-565B	25	KMD4140625	2426364	TBCR1251	2426366	TNCR1250	2426372
	1	KMD4140625M	2426365	TBCR3570	2426367	N/A	
PR-1000	30	KMD4180625	2426350	TBCR1251	2426366	TNCR1250	2426372
	1	KMD4180625M	2438073	TBCR3570	2426367	N/A	

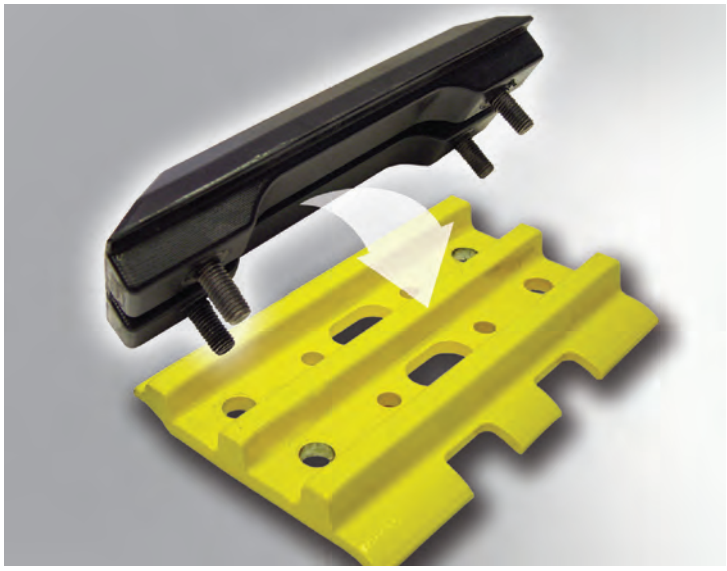
FITS WIRTGEN	PADS PER SET*	KENNAMETAL DESCRIPTION	TRACK PAD CODE	BOLT PART NUMBER	BOLT CODE	NUT PART NUMBER	NUT CODE
Wirtgen 1900	24	KMB1105472	2426331	TBFT694	2426370	TNFT887	2426374
Wirtgen 2000	23	KMB2120500	2426343	TBIN2760	2426371	TNIN1286	2426375
Wirtgen 2100	25	KMD4140562	2426363	TBCR429	2426368	TNCR1968	2426373
Wirtgen 2200	26	KMB5140625	2426344	TBCR1251	2426366	TNCR1250	2426372

FITS CMI TEREX	PADS PER SET*	KENNAMETAL DESCRIPTION	TRACK PAD CODE	BOLT PART NUMBER	BOLT CODE	NUT PART NUMBER	NUT CODE
PR 450	27	KMD3120562	2426332	TBCR4595	2426369	TNIN1319	2426376
	1	KMD3120562M	2499665	TBCR3570	2426367	N/A	
PR 500	30	KMD4140625	2426364	TBCR1251	2426366	TNCR1250	2426372
	1	KMD4140625M	2426365	TBCR3570	2426367	N/A	
PR 525-7	31	KMD3120562	2426332	TBCR4595	2426369	TNIN1319	2426376
	1	KMD3120562M	2499665	TBCR3570	2426367	N/A	
PR 800-7 (14")	30	KMD4140625	2426364	TBCR1251	2426366	TNCR1250	2426372
	1	KMD4140625M	2426365	TBCR3570	2426367	N/A	
PR 800-7 (18")	30	KMD4180625	2426350	TBCR1251	2426366	TNCR1250	2426372
	1	KMD4180625M	2438073	TBCR3570	2426367	N/A	
PR 600	32	KMD4140625	2426364	TBCR1251	2426366	TNCR1250	2426372
PR 1050 or 1100	30	KMD4160625	2426348	TBCR1251	2426366	TNCR1250	2426372
	1	KMB4160625M	2426347	TBCR3570	2426367	N/A	

Each standard pad requires (4) bolts and (4) nuts.
Each master pad requires (4) bolts and no nuts.
Number of pads per track can very.
*Always ask if there is a Master Link

From the world leader in road construction innovation...

Bolt-On Pads



Save 30%-45%!

...of your cost by reusing your steel grouser shoes and reconditioning your track-driven vehicle with replacement pads!

- 100% worklife guarantee!
- No bond failures!
- Easy installation – pad quickly bolts to the grouser shoe!
- Bolt-on pads can be installed at job site!
- Reduced downtime!
- Increased productivity!
- Cost-effective replacement pads – no need to purchase grouser shoe!

Bolt-On Pads

KB105B		Width 10.5"
KB120B		Width 12.0"
KB140B		Width 14.0"
KB160B		Width 16.0"
KB180B		Width 18.0"

Featuring:
Steel-to-steel contact at each bolt – maintaining bolt pre-tension – preventing the lock nut from coming loose

Easy Installation!
Pad Quickly Bolts to the Grouser Shoe!

FITS ROADTEC	KENNAMETAL DESCRIPTION	PAD WIDTH IN. (MM)	TRACK PAD CODE	PAD TYPE	BOLT PART NUMBER	BOLT CODE	NUT PART NUMBER	NUT CODE
RX 25, 45	KB140B	14 (355,6)	3330660	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD4140625	14 (355,6)	2539465	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372
	KPD4140625M	14 (355,6)	2539466	Pre-Drill (Master)	TBCR3570	2426367	N/A	N/A
RX 40, 45B	KB160B	16 (406,4)	3332200	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD4160625	16 (406,4)	2539468	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372
	KPD4160625M	16 (406,4)	2539469	Pre-Drill (Master)	TBCR3570	2426367	N/A	N/A
RX 50A, 60, 70	KB160B	16 (406,4)	3332200	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD5160625	16 (406,4)	2539470	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372
	KPD5160625M	16 (406,4)	2539471	Pre-Drill (Master)	TBCR3570	2426367	N/A	N/A
RX500	KB120B	12 (304,8)	3332201	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
3 Tracked = 12" Front - 14" Rear	KPB2120500	12 (304,8)	2539463	Pre-Drilled	TBIN2760	2426371	TNIN1286	2426375
4 Tracked = 12" Front & Rear	KBP140	14 (355,6)	3392792	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPB2140625	14 (355,6)	3392791	Pre-Drilled	TBIN2760	2426371	TNIN1286	2426375
RX700	KB140B	14 (355,6)	3330660	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
3 Tracked = 14" Front - 16" Rear	KPD4140625	14 (355,6)	2539465	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372
4 Tracked = 14" Front & Rear	KB160B	16 (406,4)	3332200	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD4160625	16 (406,4)	2539468	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372
RX900	KB140B	14 (355,6)	3330660	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
3 Tracked = 14" Front - 16" Rear	KPD5140625	14 (355,6)	2608930	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372
4 Tracked = 14" Front & Rear	KB160B	16 (406,4)	3332200	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD5160625	16 (406,4)	2539470	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372

FITS CATERPILLAR	KENNAMETAL DESCRIPTION	PAD WIDTH IN. (MM)	TRACK PAD CODE	PAD TYPE	BOLT PART NUMBER	BOLT CODE	NUT PART NUMBER	NUT CODE
PM-565B	KB140B	14 (355,6)	3330660	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD4140625	14 (355,6)	2539465	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372
	KPD4140625M	14 (355,6)	2539466	Pre-Drill (Master)	TBCR3570	2426367	N/A	N/A
PR-1000	KB180B	18 (457,2)	3332199	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD5180625	18 (457,2)	2539473	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372
	KPD5180625M	18 (457,2)	2539474	Pre-Drill (Master)	TBCR3570	2426367	N/A	N/A

FITS WIRTGEN	KENNAMETAL DESCRIPTION	PAD WIDTH IN. (MM)	TRACK PAD CODE	PAD TYPE	BOLT PART NUMBER	BOLT CODE	NUT PART NUMBER	NUT CODE
Wirtgen 1000/1200/1900	KB105B	10.5 (266,7)	2539456	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPB1105472	10.5 (266,7)	2539462	Pre-Drilled	TBFT694	2426370	TNFT887	2426374
Wirtgen 2000	KB120B	12 (304,8)	3332201	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPB2120500	12 (304,8)	2539463	Pre-Drilled	TBIN2760	2426371	TNIN1286	2426375
Wirtgen 2100	KB140B	14 (355,6)	3330660	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD4140562	14 (355,6)	2539467	Pre-Drilled	TBCR429	2426368	TNCR1968	2426373
Wirtgen 2200	KB140B	14 (355,6)	3330660	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD5140625	14 (355,6)	2608930	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372

FITS CMI TEREX	KENNAMETAL DESCRIPTION	PAD WIDTH IN. (MM)	TRACK PAD CODE	PAD TYPE	BOLT PART NUMBER	BOLT CODE	NUT PART NUMBER	NUT CODE
PR 450	KB120B	12 (304,8)	3332201	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD3120562	12 (304,8)	2539464	Pre-Drilled	TBCR4595	2426369	TNIN1319	2426376
	KPD3120562M	12 (304,8)	2608925	Pre-Drill (Master)	TBCR3570	2426367	N/A	N/A
PR 500	KB140B	14 (355,6)	3330660	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD4140625	14 (355,6)	2539465	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372
	KPD4140625M	14 (355,6)	2539466	Pre-Drill (Master)	TBCR3570	2426367	N/A	N/A
PR 525-7 (12-inch)	KB120B	12 (304,8)	3332201	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD3120562	12 (304,8)	2539464	Pre-Drilled	TBCR4595	2426369	TNIN1319	2426376
	KPD3120562M	12 (304,8)	2608925	Pre-Drill (Master)	TBCR3570	2426367	N/A	N/A
PR 525-7 (14-inch)	KB140B	14 (355,6)	3330660	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD3140562	14 (355,6)	2608926	Pre-Drilled	TBCR4595	2426369	TNIN1319	2426376
	KPD3140562M	14 (355,6)	2608929	Pre-Drill (Master)	TBCR3623	2493215	N/A	N/A
PR 800-7 (14" front tracks)	KB140B	14 (355,6)	3330660	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD4140625	14 (355,6)	2539465	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372
	KPD4140625M	14 (355,6)	2539466	Pre-Drill (Master)	TBCR3570	2426367	N/A	N/A
PR 800-7 (16" rear track)	KB160B	16 (406,4)	3332200	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD4160625	16 (406,4)	2539468	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372
	KPD4160625M	16 (406,4)	2539469	Pre-Drill (Master)	TBCR3570	2426367	N/A	N/A
PR 800-7 (18" rear track)	KB180B	18 (457,2)	3332199	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD5180625	18 (457,2)	2539473	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372
	KPD5180625M	18 (457,2)	2539474	Pre-Drill (Master)	TBCR3570	2426367	N/A	N/A
PR 600	KB140B	14 (355,6)	3330660	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD4140625	14 (355,6)	2539465	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372
	KPD4140625M	14 (355,6)	2539466	Pre-Drill (Master)	TBCR3570	2426367	N/A	N/A
PR 1050/PR1100	KB160B	16 (406,4)	3332200	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD4160625	16 (406,4)	2539468	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372
	KPD4160625M	16 (406,4)	2539469	Pre-Drill (Master)	TBCR3570	2426367	N/A	N/A
PR950	KB160B	16 (406,4)	3332200	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPD5160625	16 (406,4)	2539470	Pre-Drilled	TBCR1251	2426366	TNCR1250	2426372
	KPD5160625M	16 (406,4)	2539471	Pre-Drill (Master)	TBCR3570	2426367	N/A	N/A

FITS DYNAPAC	KENNAMETAL DESCRIPTION	PAD WIDTH IN. (MM)	TRACK PAD CODE	PAD TYPE	BOLT PART NUMBER	BOLT CODE	NUT PART NUMBER	NUT CODE
PL2000/ PL2100	KB120B	12 (304,8)	3332201	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPB2120500	12 (304,8)	2539463	Pre-Drilled	TBIN2760	2426371	TNIN1286	2426375

FITS MARINI	KENNAMETAL DESCRIPTION	PAD WIDTH IN. (MM)	TRACK PAD CODE	PAD TYPE	BOLT PART NUMBER	BOLT CODE	NUT PART NUMBER	NUT CODE
MP1000, MP1300	KB105B	10.5 (266,7)	2539456	Bolt-To Shoe	N/A	N/A	TN2056312SLN	2539475
	KPB1105472	10.5 (266,7)	2539462	Pre-Drilled	TBFT694	2426370	TNFT887	2426374

Fax your request to Customer Service: 800/521-3319 or 814-623-4402, or contact your local Kennametal sales representative.

Order your new track pads today!

MOLD-ON TRACK PADS

Machine Mfg _____ Model # _____

OEM Shoe Part # _____ Master Links: Yes/No (circle)

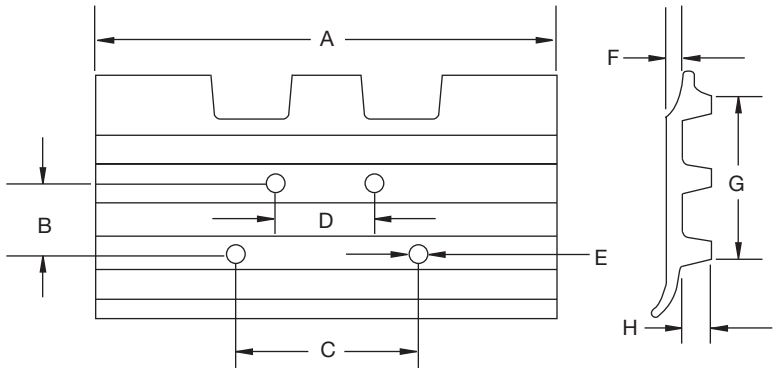
Compound:_____Rubber _____, Rubber w/wire _____, Poly (95A) _____, Soft Poly (85A) _____

Quantity Required _____

Mounting Design: Mold-On

Chain Link & Pad Dimensions (please fill in all dimensions)

Shoe Width :	A	_____	Grouser Plate Thickness	F	_____
Shoe Bolt Pattern:	B	_____	Grouser Bar Width	G	_____
	C	_____	Shoe Height	H	_____
	D	_____	Bolt Hole ID	E	_____



Name_____Company Name _____E-mail: _____

Tel:_____Fax:_____

Mailing Address _____

Shipping Address _____

Bolt-On Track Pads Order Form

KENNAMETAL

Fax your request to Customer Service: 800/521-3319 or 814-623-4402, or contact your local Kennametal sales representative.

Order your new track pads today!

BOLT-TO-SHOE PADS FOR TRIPLE BAR SHOES

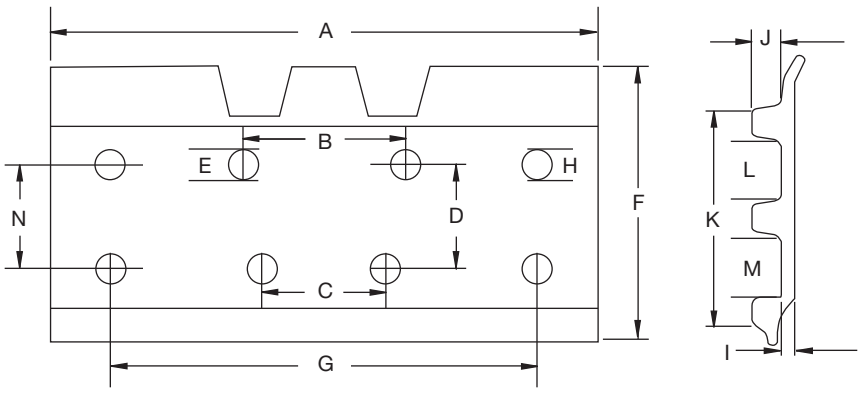
Machine Mfg _____ Model # _____

OEM Shoe Part # _____ Master Links: Yes/No (circle)

Mounting Design: Bolt To Shoe Number of Bars: 3

Grouser Shoe & Pad Dimensions (please fill in all dimensions)

Shoe Width	A	_____	Pad Bolt Size	H	_____
Shoe Bolt Pattern To Link	B	_____	Grouse Plate Thickness	I	_____
	C	_____	Grouser Bar Height	J	_____
	D	_____	Grouser Bar Width	K	_____
Shoe Bolt-Hole ID	E	_____	Distance Between Bars	L	_____
Length	F	_____	Distance Between Bars	M	_____
Bolt Pattern To Pad	G	_____	Bolt Pattern To Pad	N	_____



Compound: _____ Rubber _____ Rubber w/wire _____ Poly (95A) _____ Soft Poly (85A) _____

Quantity Required _____ Tel: _____ Fax: _____

Name _____ Acct. Rec. Name _____

Company Name _____ E-mail: _____

Mailing Address _____

Shipping Address _____

Engineering Your Competitive Edge

IN CONSTRUCTION

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Engineering Your Competitive Edge

Kennametal offers blade sizes to fit most machines.

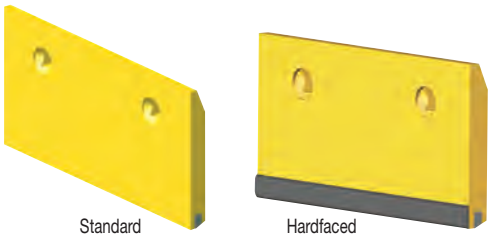
Special sizes can be manufactured upon request by providing specific blade size and hole spacing.
Contact your Kennametal tooling representative for additional information regarding machines and sizes not listed.

SCRAPER BLADES	PRODUCT CODE	DESCRIPTION	BLADE LENGTH	NO. OF BLADES REQUIRED
Roadtec				
RX45 /RX45B (78" DRUM)	**1012164**	**PLB3425**	**34.25"**	**1**
	1012165	**PLB4325**	**43.25"**	**1**
RX50 /RX500 /RX700 (79" DRUM)	**1012194**	**PLB421**	**42.12"**	**1**
	1012193	**PLB361**	**36.12"**	**1**
hardfaced	1611545	PLB421HF	42.12"	1
	1611546	PLB361HF	36.12"	1
RX50B (78" DRUM)	**1984421**	**PLB4288**	**42.88"**	**1**
	1984420	**PLB3438**	**34.38"**	**1**
RX50B /RX50W / RX60 /RX60B	**1196900**	**PLB365R**	**36.50"**	**1**
	1196895	**PLB485L**	**48.50"**	**1**
RX500 /RX700 /RX900 (86" DRUM)	**1196895**	**PLB485L**	**48.50"**	**1**
	1196900	**PLB365R**	**36.50"**	**1**
hardfaced	1611547	PLB365RHF	36.50"	1
	1611548	PLB485LHF	48.50"	1
RX70 /RX100 /RX900 (150" DRUM)	**1012160**	**PLB3262L**	**32.62"**	**1**
	1012161	**PLB4800**	**48.00"**	**1**
	1012162	**PLB3600**	**36.00"**	**1**
	1012163	**PLB3262R**	**32.62"**	**1**
hardfaced	1611549	PLB3262LHF	32.62"	1
	1611550	PLB48CRHF	48.00"	1
	1611551	PLB36CLHF	36.00"	1
	1611552	PLB3262RHF	32.62"	1
RX60C (147" DRUM)	**1012161**	**PLB36**	**36.00"**	**1**
	1012162	**PLB48**	**48.00"**	**1**
	2397023	**PLB31L**	**31.00"**	**1**
	2396953	**PLB31R**	**31.00"**	**1**
Caterpillar				
PR-450 (75"DRUM)	**1012172**	**PLB31**	**31.00"**	**1**
	1012173	**PLB43**	**43.00"**	**1**
PR-450 (87" DRUM)	**1012173**	**PLB43**	**43.00"**	**1**
	1012189	**PLB43L**	**43.00"**	**1**
PM201/PM-565 (83"DRUM)	**1012205**	**PLB4114L**	**41.14"**	**1**
	1012206	**PLB4114R**	**41.14"**	**1**
hardfaced	1611554	PLB4114LHF	41.14"	1
	1611555	PLB4114RHF	41.14"	1
PR750B (120" DRUM)	1012166	PLB1038L	10.38"	1
	1012167	PLB24L	24.00"	1
	1012168	PLB5025C	50.25"	1
	1012169	PLB24R	24.00"	1
	1012170	PLB1038R	10.38"	1
18" extension (replaces PLB-1038L)	1012209	PLB2838	28.38"	1
30" extension (replaces PLB-1038R)	1012208	PLB4038R	40.38"	1

SCRAPER BLADES	PRODUCT CODE	DESCRIPTION	BLADE LENGTH	NO. OF BLADES REQUIRED
Caterpillar (cont.)				
ER-1000 (150" DRUM)	1012185	PLB2525L	25.25"	1
	1012186	PLB2525R	25.25"	1
	1012187	PLB4912L	49.12"	1
	1012188	PLB4912R	49.12"	1
18" extension (replaces PLB-2525L)	1012207	PLB4338L	43.38"	1
CMI/TEREX				
PR-500FL / PR-800-7 (85.62")	**1012192**	**PLB17**	**17.00"**	**5**
PR-600/PR950 (86.00"DRUM)				
hardfaced	1012155	PLB17HF	17.00"	5
PR-500FL/PR-650/PR800-7 (84.38" DRUM)	**1013052**	**PLB1638L**	**16.38"**	**1**
	1013053	**PLB1638R**	**16.38"**	**1**
	1012192	**PLB17**	**17.00"**	**3**
hardfaced	1611560	PLB1638LHF	16.38"	1
	1611562	PLB1638RHF	16.38"	1
	1012155	PLB17HF	17.00"	3
PR600 (103" DRUM)	**1012192**	**PLB17**	**17.00"**	**6**
hardfaced	1012155	PLB17HF	17.00	6
PR 525/PR860/PR800-7/12 (84.38" DRUM)	**1012199**	**PLB118**	**11.88"**	**6**
	1254281	**PLB125**	**12.50"**	1
hardfaced	1611568	PLB118HF	11.88"	6
	1611571	PLB125HF	12.50"	1
PRT-525RT (75" DRUM)	**1012202**	**PLB15N**	**15.00"**	**1**
	1012199	**PLB118**	**11.88"**	5
hardfaced	1611564	PLB15NHF	15.00"	1
	1611568	PLB118HF	11.88"	5
PR800-7/12 / PR1050 (150" DRUM	**1012192**	**PLB17**	**17.00"**	**5**
	1012202	**PLB15N**	**15.00"**	**4**
	1012204	**PLB225**	**2.25"**	**2**
hardfaced	1012155	PLB17HF	17.00"	5
	1611564	PLB15NHF	15.00"	4
	1611566	PLB225HF	2.25"	2
PR-1200 (150" DRUM)	**1012192**	**PLB17**	**17.00"**	**5**
	1012202	**PLB15N**	**15.00"**	**4**
	1012203	**PLB2**	**2.00"**	**2**
hardfaced	1012155	PLB17HF	17.00"	5
	1611564	PLB15NHF	15.00"	4
	1611567	PLB2HF	2.00"	2
miscellaneous	1012387	PLB18	18.00"	1
	1012215	PLB12	12.00"	1
hardfaced	1076054	PLB12HF	12.00"	1

Special sizes can be manufactured upon request by providing specific blade size and hole spacing.
"L" (left), "R" (right), and "C" (center) shown in the blade description are determined by facing the front of the machine.

- ***Carbide edge can be severely damaged by manholes, gas boxes, storm drains, or similar surfaces.***
- ***Order by code or description.***

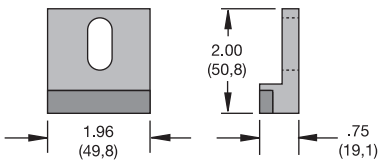


SCRAPER BLADES	PRODUCT CODE	DESCRIPTION	BLADE LENGTH	NO. OF BLADES REQUIRED
Ingersoll Rand				
IR 6520 / IR 7000	**1012183**	**PLB355L**	**35.50"**	**1**
(78" DRUM)	**1012184**	**PLB415R**	**41.50"**	**1**
hardfaced	1611569	PLB355LHF	35.50"	1
	1611570	PLB415RHF	41.50"	1
IR 7500/2200 (87" DRUM)	**1012213**	**PLB4319L**	**43.19"**	**1**
	1012214	**PLB4319R**	**43.19"**	**1**
hardfaced	1012849	PLB4319LHF	43.19"	1
	1012854	PLB4319RHF	43.19"	1
MT2000 (78.75" DRUM)	**2957565**	**PLB1555**	**15.55"**	**5**
MT2185 (86" DRUM)	**3077041**	**PLB1699**	**16.99"**	**5**
Dynapac				
PL2000 (78" DRUM)	**1012183**	**PLB355L**	**35.50"**	**1**
	1012184	**PLB415R**	**41.50"**	**1**
hardfaced	1611569	PLB355LHF	35.50"	1
	1611570	PLB415RHF	41.50"	1
Barber-Greene				
RX40 (74" DRUM)	**1012176**	**PLB337**	**33.75"**	**1**
	1012177	**PLB397**	**39.75"**	**1**

SCRAPER BLADES	PRODUCT CODE	DESCRIPTION	BLADE LENGTH	NO. OF BLADES REQUIRED
Dynapac (cont.)				
RX40B (75" DRUM)	**1012190**	**PLB44R**	**44.00"**	**1**
	1012191	**PLB305L**	**30.50"**	**1**
hardfaced	1012196	PLB44RHF	44.00"	1
	1012195	PLB305LHF	30.50"	1
Wirtgen				
W2000 (2000mm DRUM)	**2619025**	**K1SB-248R**	**248mm**	**2**
	2619024	**K1SB-248L**	**248mm**	**2**
	2618971	**K1SB-248**	**248mm**	**6**
W2000 (2200mm DRUM)	**2619025**	**K1SB-248R**	**248mm**	**1**
	2619024	**K1SB-248L**	**248mm**	**2**
	2618971	**K1SB-248**	**248mm**	**7**
	2619032	**K1SB-197R1**		
W2200 (2200mm DRUM)	**2619025**	**K1SB-248R**	**248mm**	**2**
Configuration 1	**2619024**	**K1SB-248L**	**248mm**	**2**
	2618971	**K1SB-248**	**248mm**	**6**
	2618970	**K1SB-100**	**100mm**	**2**
W2200 (2200mm DRUM)	**2619025**	**K1SB-248R**	**248mm**	**1**
Configuration 2	**2619024**	**K1SB-248L**	**248mm**	**2**
	2618971	**K1SB-248**	**248mm**	**7**
	2619032	**K1SB-197R**	**197mm**	**1**

Alternate Style Blades to Fit Wirtgen and Bitelli Machines

KSB50W
1512919



KSB100W
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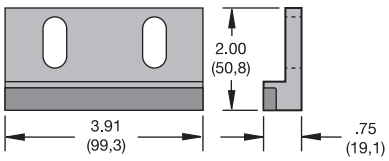

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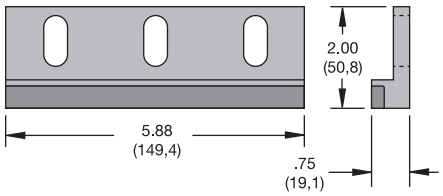

Contact your Kennametal tooling representative for additional information regarding machines and sizes not listed.

K1SB Wirtgen Scraper Blades

	DESCRIPTION	SAP CODE	INTERCHANGE FOR WIRTGEN BLADE PART NO.
	K1SB-248R	2619025	44638
	K1SB-248	2618971	43408
	K1SB-248L	2619024	44639
	K1SB-197R	2619032	86195
	K1SB-145R	2619026	56336
	K1SB-145	2618968	60117
	K1SB-145L	2619030	56335
	K1SB-100	2618970	56731

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