

*Engineering Your  
Competitive Edge*



## CHAIN AND WHEEL TRENCHING TOOLS



# Engineering Your Competitive Edge

- *Unbeatable tool/block combinations optimize your trenching chain, concrete saw, and force-feed grinder capabilities!*
- *Range of options available to suit a wide variety of cutting conditions!*
- *Backed by superior technical and customer support to help you get the results you need!*
- *Maximize your trenching and sawing productivity and profitability!*





# ...IN TRENCHING



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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.

***Let Us Prove It! 800/458-3608***



***Kennametal has  
complete cutting tool  
systems to get your  
job done!***

Digging a shallow trench for utilities? Diving deep into rock? Our tools help you make the most of your trenching chain, concrete saw, and terrain leveler!

Whether you're trenching in soft conditions, rocky and abrasive soils, or hard-packed frozen ground, Kennametal has the tooling solutions to meet your needs!

We'll recommend the tools that are right for your soil conditions, equipment speeds, and cutting applications.

***Let us prove it.***





# ...IN TRENCHING



## **NB Tips**

- unique design **maximizes cutting capabilities!**
- innovative carbide design combines the **abrasive resistance of a cap and impact resistance of a plug!**
- offered in several different styles of Kennametal conical series products!



*TR1 – for T Series Tools*



*TR2 – for TSC Series Tools*



*KR112 – for TS Series Tools*

## **A Selection of Retainers!**

- **reduces your downtime!**
- makes tool changes quick and efficient ... to keep you productive!










**Let Us Prove It! 800/458-3608**

## Kennametal Trenching Tools...

# Specifically engineered to meet your trenching needs.

### The Right Tool Does the Best Job

Most contractors deal with a variety of cutting conditions throughout the construction season. Ideally, you would use a different tool for each condition, but often that is not practical. We recommend finding the tool that fits your average cutting conditions and is most effective for your operation. Here are some guidelines:

	Cutting Conditions	Soft Cutting	Medium Cutting	Hard Cutting	Abrasive Cutting	Highly Abrasive & Hard Cutting	Laminated / Chunk Rock
	Types of Rock	Soapstone/Gypsum Slate Shale	Soft Limestone Caliche	Dolomite Limestone Granite	Sandstone Basalt Coral	Flint Silica Sandstone Granite	Limestone River Pebbles Sandstone/Flagstone
	Walk Behind/ Pedestrian	CM42 CM61 CM63 DT50	CM42 CM61 CM63 DT50	N/A	N/A	N/A	N/A
	Rubber Tire Trencher	C21 RL11 or RP22 SM05 SM02	C21 or C21HD RL11 or RP22 RL10 or RS16 SM05 or SM06	C21HD RL10 or RS16 SM06 or SL07	C21HD or C23 RS16 or RS19 SM04	C23 RS19 SM04	C21HD RS16 SM06
	Concrete Saw	NA	NA	SM06 SM04 SR03	SM04 SR03	SM07 SR03	SM06
	Rock Wheel Trencher	C21 RL11 or RP22 SM05 SM02	C21 or C21HD RL11 or RP22 RL10 or RS16 SM05 or SM06	C21HD RL10 or RS16 SM06 OR SL07	C21HD or C23 RS16 or RS19 SM04	C23 RS19 SM04	C21HD RS16 SM06
	Small Track Trencher	T1 T14	T5 T8	T11	T8 T9	T11 T8 T9	T11
	Large Track Trencher	TS20 TS19	TS3 TS4 TS19 TS31	TS5 OR TS7 TS9 OR TS12 TS30 OR TS32	TS14 TS17 or TS21 TS30	TS17 TS30	TS7 TS10 TS13 TS30
	Terrain Leveler Rock Hawg Road Miner	TS20 TS2	TS3 TS4 TS19 TS31	TS7 TS30 TS32	TS17 TS30	TS17 TS30	TS7 TS10 TS30

NOTE: The chart shown here is only a portion of our tool offering. Please contact your local sales representative for additional information and recommendations.

## All About Wear...

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

### **Wear Patterns** Steel Wash



*exposed carbide*



*balanced wear*

### **Steel Wash / NB Style Tip**



*maximum steel support*



### **Thermal Cracking**



*spider web appearance*

### **Carbide Fracture**



*excessive fracture*



*deformed hole*

### **Shank Breakage**



*broken shank*



*worn block*

### **Back Bending**

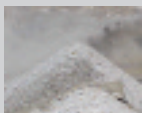


*burr*



*broken hub*

### **Balanced Wear**



*proper material size*



*balanced wear*



**Let Us Prove It! 800/458-3608**



# Choose the right tip...

**Follow this tip selection guide for choosing the tool that is right for your trenching needs!**

	Tip Diameter	Gage Length					
		2 1/2" (64 mm)	Page no.	3" (76 mm)	Page no.	3 1/2" (89 mm)	Page no.
	<b>Plug</b> 1/2" (13 mm)	T1 TS28C TS29C	16 13 13	T14 — —	15 — —	— TS2 —	— 9 —
	5/8" (16 mm)	T5 — —	16 — —	T6 TS3 TS3C	15 10 12	— TS4 —	— 9 —
	3/4" (19 mm)	T11 TS5 TS5C	16 11 13	T12 TS7 TS25	15 10 10	— TS8 TS26	— 9 9
	7/8" (22 mm)	TS9	11	TS10	10	TS11	9
	1" (25 mm)	—	—	TS13C	12	—	—
	<b>Cap</b> 3/4" (19 mm)	T15	16	—	—	—	—
	1" (25 mm)	T8 TS14 TS14C	16 11 13	— TS15 —	— 10 —	— — —	— — —
	1.14" (29 mm)	T9 TS16 TS16C	16 11 13	— TS17 —	— 10 —	— TS21 —	— 9 —
	1.28" (33 mm)	—	—	TS18	10	—	—
	<b>NB</b> 9/16" (14 mm)	TS33 —	11 —	TS19 TS19C	10 12	— —	— —
	5/8" (16 mm)	—	—	—	—	TS20	9
	11/16" (17 mm)	—	—	T7	15	—	—
	3/4" (19 mm)	—	—	TS31	10	—	—
	7/8" (22 mm)	—	—	TS32	10	—	—
	1" (24 mm)	—	—	TS30	10	—	—

## Carbide Selection Tip



### Plug

Maximum toughness.  
Physical lock between steel  
and carbide.

Conditions: Hard rock, chunk rock,  
shot rock, mixed rock and dirt.  
Ideal for excessive impact.



### Cap

Maximum abrasion resistance.  
Rely on braze joint strength to  
hold tip to steel body.

Conditions: Softer, more  
abrasive material. Helps divert  
material away from steel body,  
reducing steel wash. Ideal  
for uninterrupted cuts.



### NB -Narrow bottom

The combination of a cap and  
a plug, with superior strength and  
abrasion resistance.

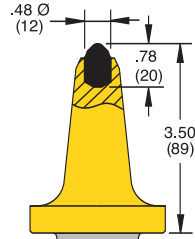
Conditions: Harder, more resistant  
abrasive material.



**TS2**

**1317521**

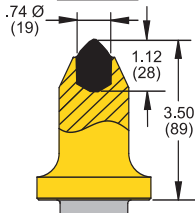
High-penetration tool for soft cutting conditions.



**TS8**

**1318426**

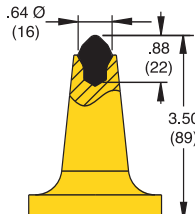
For extremely hard cutting conditions.



**TS20**

**1848809**

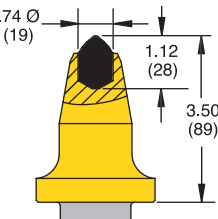
High-penetration tool for soft to medium abrasive cutting conditions.



**TS26**

**2416845**

For hard, non-abrasive cutting conditions.

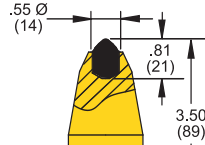


**NEW!**

**TS4**

**1730578**

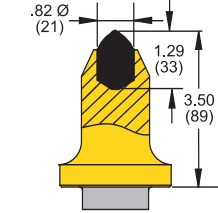
Penetration tool for medium cutting conditions.



**TS11**

**1532879**

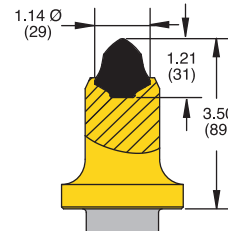
For cutting the most extreme hard rock and concrete.



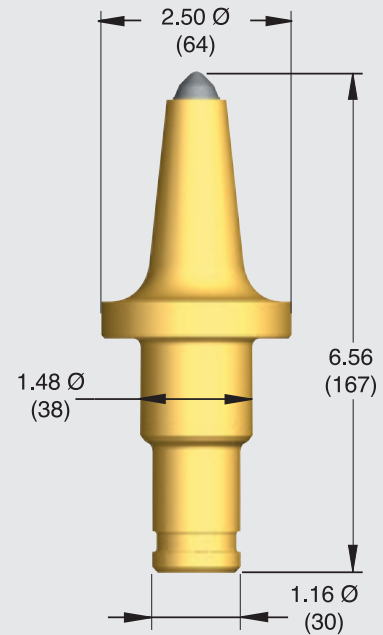
**TS21**

**1864144**

For medium-hard to highly abrasive cutting conditions.



**3.5" (89 mm) Gage**

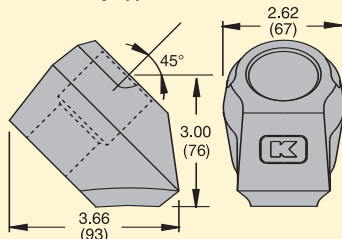


KR112 retainer supplied. See page 37.

**C4/U43H\* Block**

**1011578**

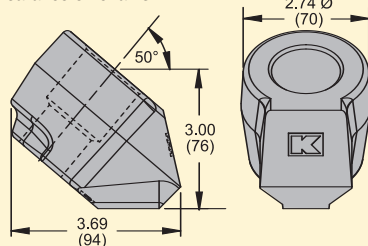
For medium-duty applications.



**TH3S\* Block**

**2603270**

Heavy-duty barrel and short base for bolt clearance on chains.

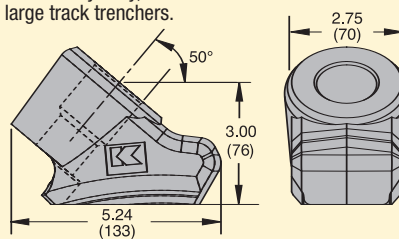


**NEW!**

**U43XHD-50\*\* Block**

**2988596**

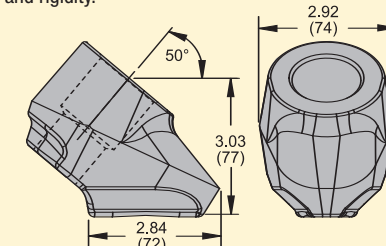
Extra heavy-duty, terrain levelers and large track trenchers.



**TH3\* Block**

**2433922**

Heavy-duty barrel for maximum strength and rigidity.



**NEW!**

**Packaging Information**

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	Weight kg.	Pieces per Pallet	Pallet Weight lbs.	Pallet Weight kg.
TS2	1317521	box	14	36	36.0	16.3	504	1295	587
TS4	1730578	box	14	36	42.8	19.4	504	1542	699
TS8	1318426	box	12	36	37.3	16.9	432	1344	609
TS11	1532879	box	12	36	37.0	16.8	432	1331	603
TS20	1848809	box	14	36	32.8	14.9	504	1179	535
TS21	1864144	bucket	8	50	26.2	11.9	400	1312	595
TS26	2416845	box	12	36	37.9	17.2	432	1364	619
C4/U43H	1011578	bucket	8	50	29.4	13.4	400	1521	691
U43XHD-50	2988596	bucket	6	50	42.0	19.0	300	2100	952
TH3S	2603270	bucket	6	50	25.4	11.5	300	1272	577
TH3	2433922	bucket	6	50	26.6	12.1	300	1330	603

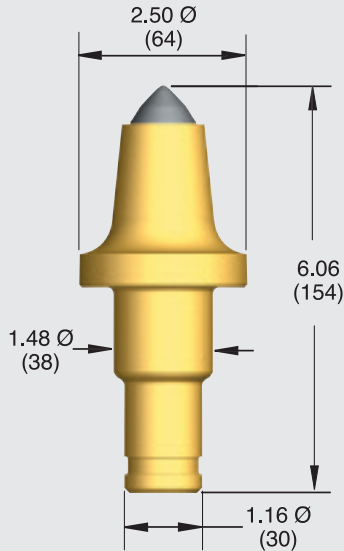
\*A = Pieces per container B = Containers per pallet

\*Can be used with all step shank tools.

\*\*Can only be used with TS series tools. Not compatible with TSC series.

## Step Shank Cutting Tools and Blocks

### 3.0" (76 mm) Gage



### Packaging Information

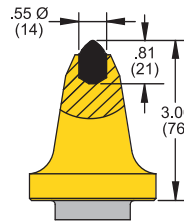
Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	Weight kg.	Pieces per Pallet	Pallet Weight lbs.	Pallet Weight kg.
TS3	1730577	box	15	36	41.4	18.8	540	1490	676
TS7	1317517	box	14	36	37.3	16.9	504	1342	609
TS10	1610156	box	14	36	42.6	19.3	504	1532	695
TS15	1730589	box	14	36	41.7	18.9	504	1502	681
TS17	1723623	box	14	36	40.0	18.2	504	1441	654
TS18	1317523	box	14	36	41.7	18.9	504	1502	681
TS19	1750422	box	15	36	42.3	19.2	540	1523	691
TS25	2416847	box	12	36	34.8	15.8	432	1253	568
TS30	2458404	box	14	36	40.9	18.5	504	1472	667
TS31	2602450	box	15	36	42.3	19.2	540	1523	691
TS32	2602451	box	15	36	43.0	19.5	540	1548	702

\*A = Pieces per container B = Containers per pallet

#### TS3

1730577

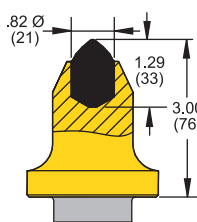
Penetration tool for medium cutting conditions.



#### TS10

1610156

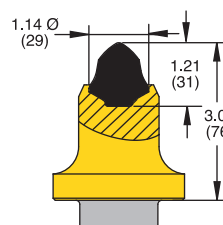
For cutting the most extreme hard rock and concrete.



#### TS17

1723623

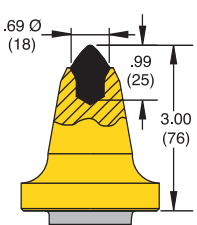
For medium-hard and abrasive cutting conditions.



#### TS19

1750422

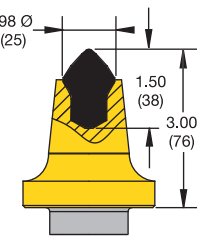
For abrasive or soft to medium-impact cutting conditions.



#### TS30

2458404

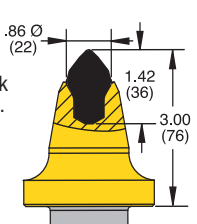
For medium to extremely-hard rock, and abrasive conditions.



#### TS32

2602451

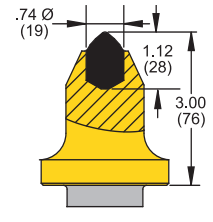
For medium to hard rock and abrasive conditions.



#### TS7

1317517

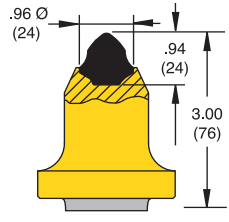
For extremely hard cutting conditions.



#### TS15

1730589

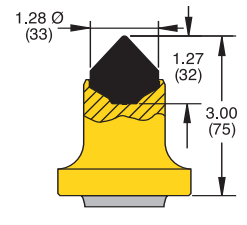
For medium and abrasive cutting conditions.



#### TS18

1317523

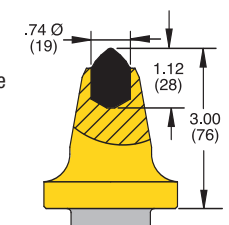
For medium to hard and highly-abrasive cutting conditions.



#### TS25

2416847

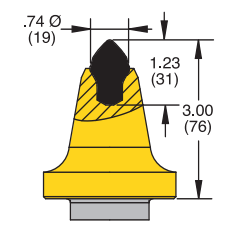
For hard, non-abrasive cutting conditions.



#### TS31

2602450

For medium rock and abrasive conditions.

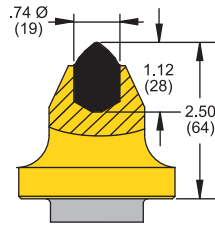




**TS5**

**1317519**

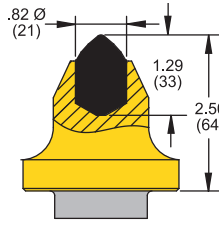
For cutting extremely hard rock and concrete.



**TS9**

**1725165**

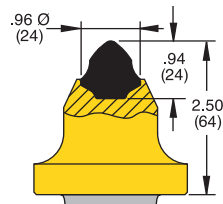
For cutting the most extreme hard rock and concrete.



**TS14**

**1532880**

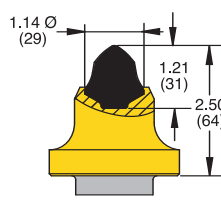
For medium and abrasive cutting conditions.



**TS16**

**1730590**

For medium-hard and highly abrasive cutting conditions.

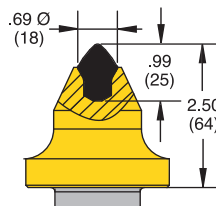


**TS33**

**2625921**

For abrasive or medium cutting conditions.

**NEW!**

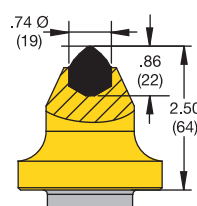


**TS34**

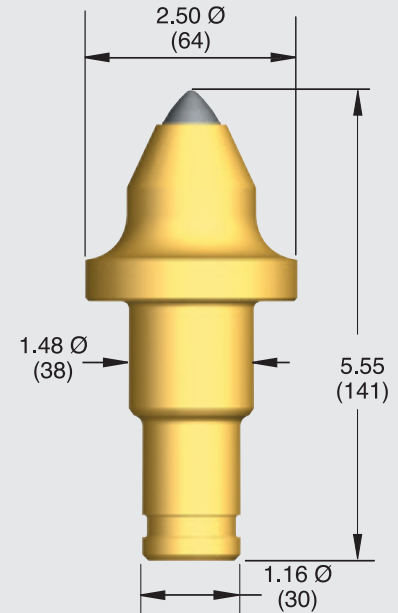
**2625917**

For medium cutting conditions.

**NEW!**



**2.5" (64 mm) Gage**

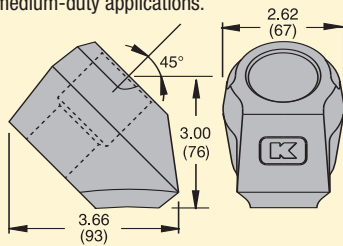


KR112 retainer supplied.  
See page 37.

**C4/U43H\* Block**

**1011578**

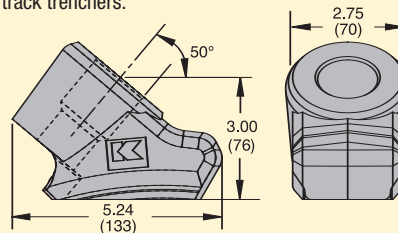
For medium-duty applications.



**U43XHD-50\*\* Block**

**2988596**

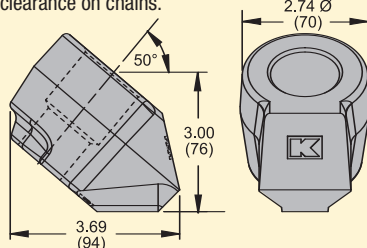
For extra heavy-duty, terrain levelers and large track trenchers.



**TH3S\* Block**

**2603270**

Heavy-duty barrel and short base for bolt clearance on chains.

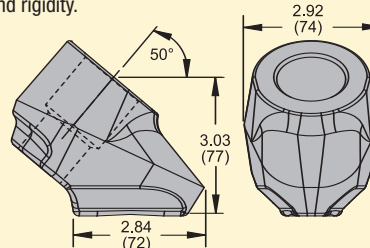


**NEW!**

**TH3\* Block**

**2433922**

Heavy-duty barrel for maximum strength and rigidity.



**NEW!**

**Packaging Information**

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	Weight kg.	Pieces per Pallet	Pallet Weight lbs.	Pallet Weight kg.
TS5	1317519	box	15	36	40.0	18.1	540	1438	652
TS9	1725165	box	15	36	39.6	18.0	540	1426	647
TS14	1532880	box	15	36	39.6	18.0	540	1426	647
TS16	1730590	box	15	36	41.1	18.6	540	1480	671
TS33	2625921	box	15	36	39.6	18.0	540	1426	647
TS34	2625917	box	14	36	37.8	17.1	504	1361	617
C4/U43H	1011578	bucket	8	50	29.4	13.4	400	1521	691
U43XHD-50	2988596	bucket	6	50	42.0	19.0	300	2100	952
TH3S	2603270	bucket	6	50	25.4	11.5	300	1272	577
TH3	2433922	bucket	6	50	26.6	12.1	300	1330	603

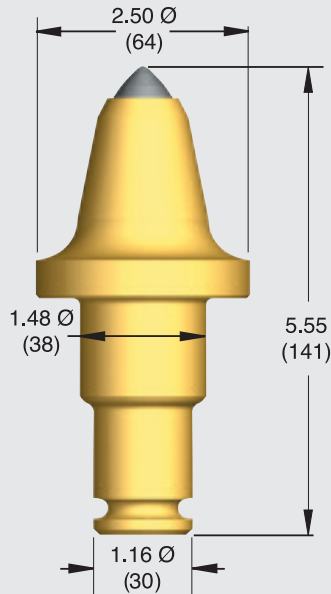
\*A = Pieces per container B = Containers per pallet

\*Can be used with all step shank tools.

\*\*Can only be used with TS series tools. Not compatible with TSC series.

## Step Shank Cutting Tools and Blocks

### 3.0" (76 mm) Gage



TR2 retainer supplied. See page 37.

### Packaging Information

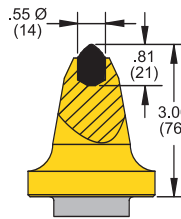
Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	Weight kg.	Pieces per Pallet	Pallet Weight lbs.	Pallet Weight kg.
TS3C	1949792	box	15	36	41.7	18.9	540	1501	681
TS13C	1859210	bucket	10	50	31.2	14.1	500	1560	708
TS19C	1952531	box	15	36	42.0	19.0	540	1512	686
C4/U43H	1011578	bucket	8	50	29.4	13.4	400	1521	691
TH3S	2603270	bucket	6	50	25.4	11.5	300	1272	577
TH3	2433922	bucket	6	50	26.6	12.1	300	1330	603

\*A = Pieces per container B = Containers per pallet

#### TS3C

1949792

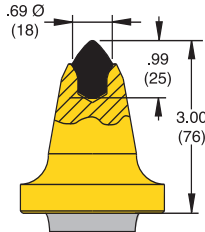
Penetration tool for medium cutting conditions.



#### TS19C

1952531

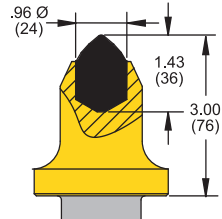
For abrasive or soft to medium-impact cutting conditions.



#### TS13C

1859210

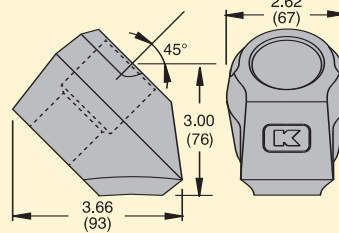
For cutting extremely hard rock and concrete. Accepts new TR2 retainer.



#### C4/U43H\* Block

1011578

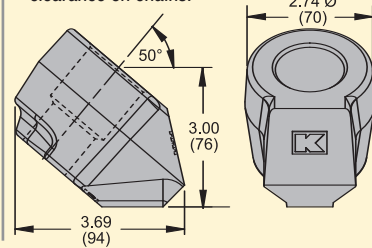
For medium-duty applications.



#### TH3S\* Block

2603270

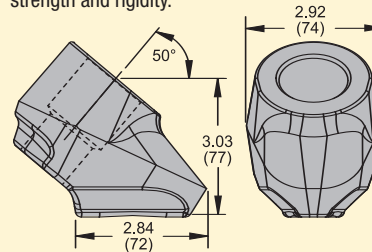
Heavy-duty barrel and short base for bolt clearance on chains.



#### TH3\* Block

2433922

Heavy-duty barrel for maximum strength and rigidity.



\*Can be used with all step shank tools.



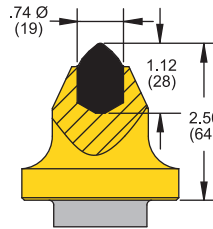


TS SHANK  
TSC SHANK  
STEP SHANK  
1" (25) SHANK  
.86 (22) SHANK  
.76 (19) SHANK  
.74 (19) SHANK  
DT/RT SERIES  
ACCESSORIES/  
INSTALLATION  
REMOVAL TOOLS

**TS5C**

**1887014**

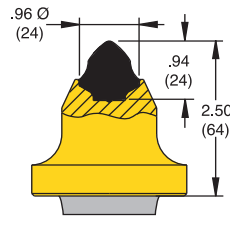
For cutting extremely hard rock and concrete. Accepts new TR2 retainer.



**TS14C**

**1859062**

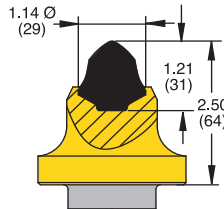
For medium-hard and abrasive cutting conditions. Accepts new TR2 retainer.



**TS16C**

**1989640**

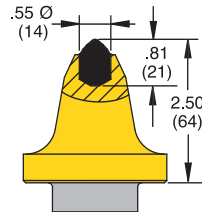
For soft to medium-hard abrasive cutting conditions. Accepts new TR2 retainer.



**TS28C**

**2453549**

For medium cutting conditions.

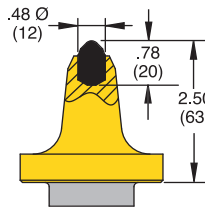


**NEW!**

**TS29C**

**2488741**

For soft to medium cutting conditions.

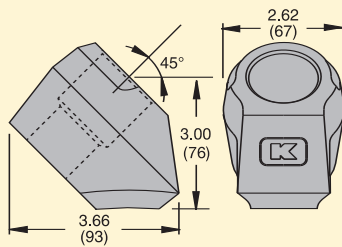


**NEW!**

**C4/U43H\* Block**

**1011578**

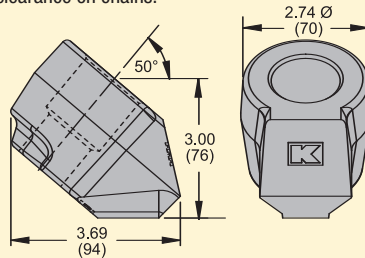
For medium-duty applications.



**TH3S\* Block**

**2603270**

Heavy-duty barrel and short base for bolt clearance on chains.

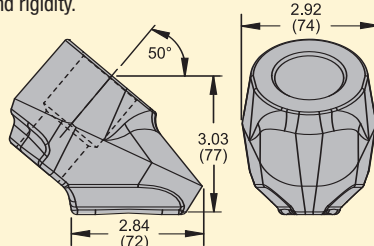


**NEW!**

**TH3\* Block**

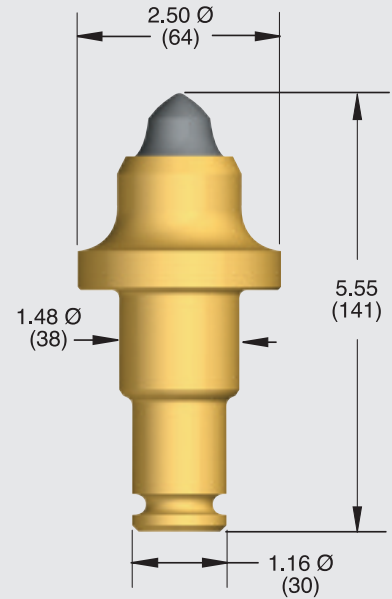
**2433922**

Heavy duty barrel for maximum strength and rigidity.



\*Can be used with all step shank tools.

**2.5" (64 mm) Gage**



TR2 retainer supplied. See page 37.

**Packaging Information**

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	Weight kg.	Pieces per Pallet	Pallet Weight lbs.	Pallet Weight kg.
TS5C	1887014	box	15	36	40.8	18.5	540	1469	666
TS14C	1859062	box	15	36	39.6	18.0	540	1426	647
TS16C	1989640	box	15	36	40.5	18.4	540	1458	661
TS28C	2453549	box	15	36	36.9	16.7	540	1328	602
TS29C	2488741	bucket	10	50	22.6	10.2	500	1130	513
C4/U43H	1011578	bucket	8	50	29.4	13.4	400	1521	691
TH3S	2603270	bucket	6	50	25.4	11.5	300	1272	577
TH3	2433922	bucket	6	50	26.6	12.1	300	1330	603

\*A = Pieces per container B = Containers per pallet

### Step Shank – 2.5" (64 mm) - 3.5" (89 mm) Gage



KR112 retainer supplied.  
See page 37.

### Packaging Information

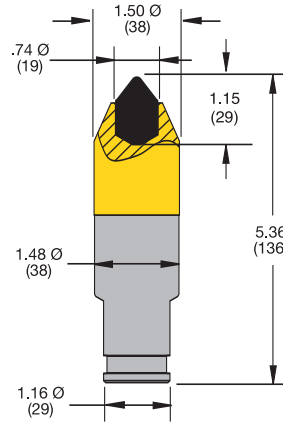
Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	kg.	Pieces per Pallet	Pallet Weight lbs.	kg.
C4	1010761	bucket	15	50	32.6	14.8	750	1681	764
C4-1	1010776	bucket	15	50	39.7	18.1	750	2036	926
C6	1010740	bucket	15	50	32.4	14.7	750	1672	760
C7	1010742	bucket	15	50	35.4	16.1	750	1820	827
C4/U43H	1011578	bucket	8	50	29.4	13.4	400	1521	691
TH3S	2603270	bucket	6	50	25.4	11.5	300	1272	577

\*A = Pieces per container B = Containers per pallet

### C4

1010761

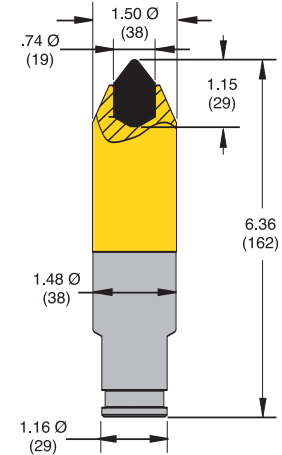
For medium to hard cutting conditions.



### C4-1

1010776

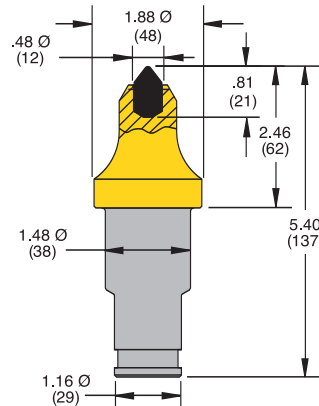
For medium to hard cutting conditions.



### C6

1010740

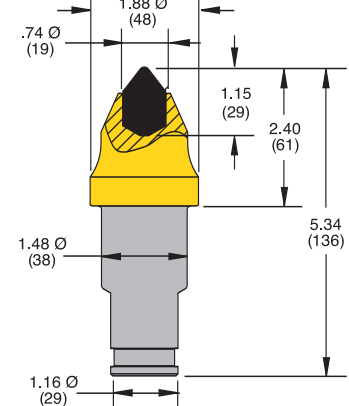
For medium to hard cutting conditions.  
Slender tip nose improves penetration.



### C7

1010742

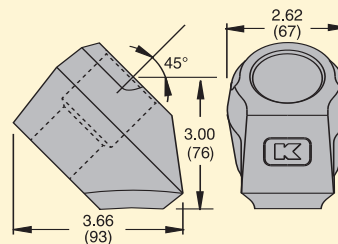
For hard cutting conditions.



### C4/U43H\* Block

1011578

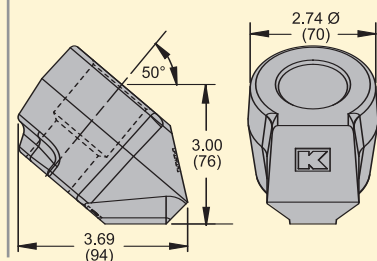
For medium-duty applications.



### TH3S\* Block

2603270

Heavy-duty barrel and short base for bolt clearance on chains.



\*Can be used with all step shank tools.

**NEW!**

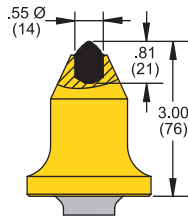


**T6**

**1730568**

For soft to medium cutting conditions.

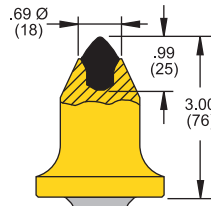
**NEW!**



**T7**

**1531753**

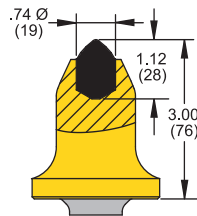
For medium or abrasive cutting conditions.



**T12**

**1254778**

For cutting extremely hard rock and concrete.

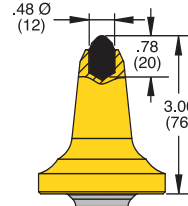


**T14**

**1886432**

For soft cutting conditions.

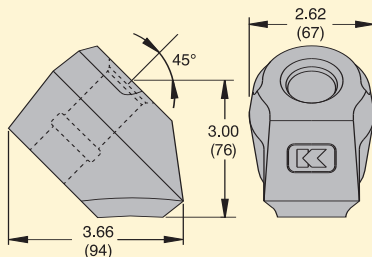
**NEW!**



**C30H/U40H Block**

**1011585**

Heavy-duty design.

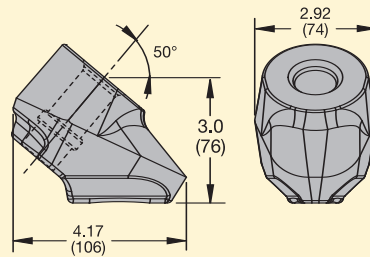


**TH3-100 Block**

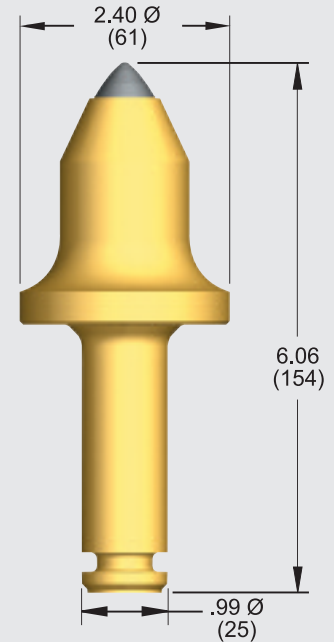
**2956994**

Extra heavy-duty design.

**NEW!**



**T-Series – 3.0" (76 mm) Gage**



TR1 retainer supplied.  
See page 37.

**TH3 Block — Heavy-duty barrel for maximum strength and rigidity!**

- front to back parting lines provide maximum strength and minimal drag
- increased weld strength and stability on wheels or drums
- maximize your productivity and profitability



**Packaging Information**

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	kg.	Pieces per Pallet	Pallet Weight lbs.	kg.
T6	1730568	box	18	36	40.3	18.3	648	1452	658
T7	1531753	box	18	36	41.4	18.8	648	1490	676
T12	1254778	box	18	36	41.8	18.9	648	1503	682
T14	1886432	bucket	12	50	22.6	10.2	600	1128	512
C30H/U40H	1011585	bucket	8	50	33.4	15.2	400	1718	781
TH3-100	2956994	bucket	6	50	29.5	13.4	300	1475	669

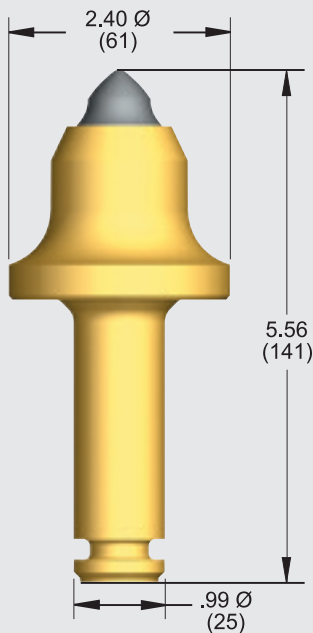
\*A = Pieces per container B = Containers per pallet

# 1" (25 mm) Shank



## Cutting Tools and Blocks

### T-Series – 2.5" (64 mm) Gage



TR1 retainer supplied.  
See page 37.

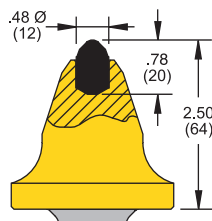
### Packaging Information

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	kg.	Pieces per Pallet	Pallet Weight lbs.	kg.
T1	1317509	box	18	36	33.8	15.3	648	1218	553
T5	1317507	box	18	36	36.4	16.5	648	1309	594
T8	1317512	box	18	36	37.4	17.0	648	1346	611
T9	1730571	box	18	36	38.2	17.3	648	1374	623
T11	1317501	box	18	36	38.9	17.6	648	1400	635
T15	1984417	bucket	12	50	24.1	11.93	600	1253	569
C30H/U40H	1011585	bucket	8	50	33.4	15.2	400	1718	781
TH3-100	2956994	bucket	6	50	29.5	13.4	300	1475	689

\*A = Pieces per container B = Containers per pallet

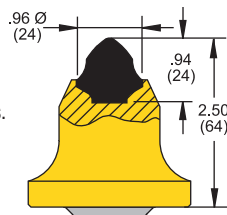
#### T1

**1317509**  
For cutting soft rock.



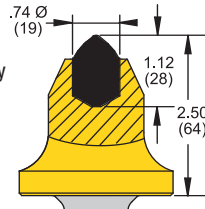
#### T8

**1317512**  
For medium and abrasive cutting conditions.



#### T11

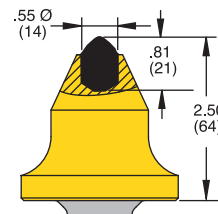
**1317501**  
For cutting extremely hard rock and concrete.



TR1 retainer supplied.  
See page 37.

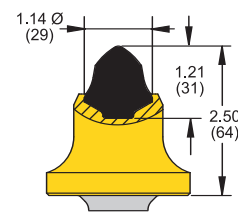
#### T5

**1317507**  
For cutting medium rock.



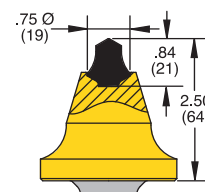
#### T9

**1730571**  
For medium-hard and highly abrasive cutting conditions.



#### T15\*

**1984417**  
For abrasive cutting conditions.



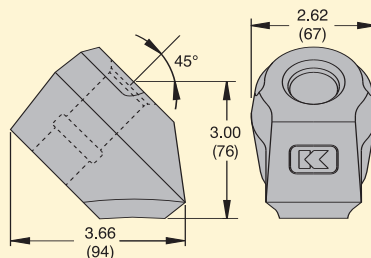
\*non-stock



TR1 retainer supplied.  
See page 37.

### C30H/U40H Block

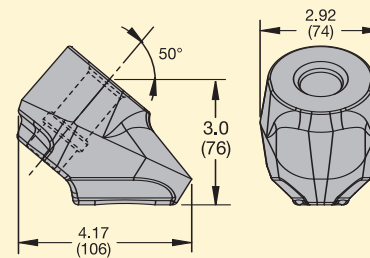
**1011585**  
Heavy-duty design.



### TH3-100 Block

**2956994**  
Extra heavy-duty design.

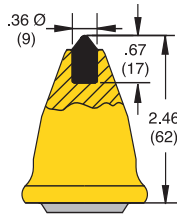
**NEW!**





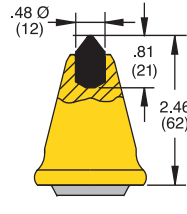
**C31R**  
**1011038**

For soft to medium-hard cutting conditions.



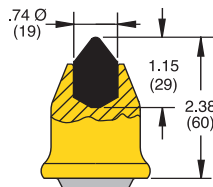
**C31RHD**  
**1010806**

For cutting soft to medium-hard rock and concrete.



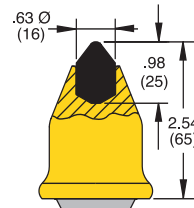
**C34R**  
**1010799**

For cutting hard and extremely abrasive rock.



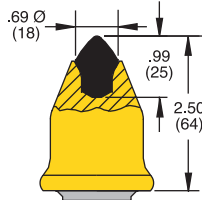
**C35R**  
**1094018**

For soft to hard cutting conditions.



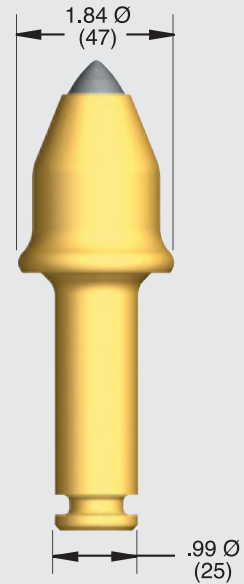
**C36R**  
**1013155**

For medium-hard and abrasive cutting conditions.



**Kennametal  
construction  
tools deliver  
unparalleled  
performance—  
on all trenching  
equipment!**

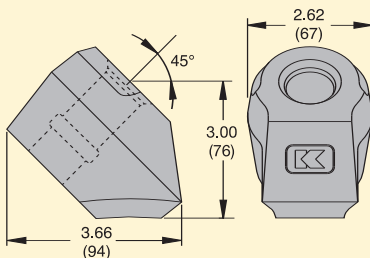
**C-Series – External Retainer**



C31R retainer supplied.  
See page 37.

**C30H/U40H Block**  
**1011585**

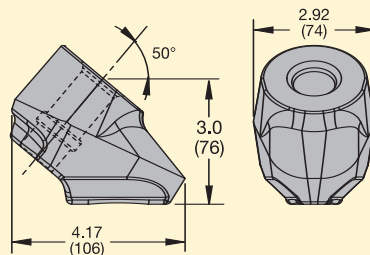
Heavy-duty design.



**TH3-100 Block**  
**2956994**

Extra heavy-duty design.

**NEW!**

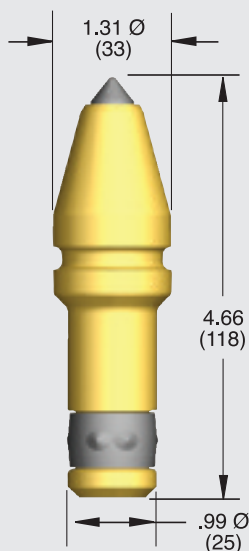


**Packaging Information**

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	Weight kg.	Pieces per Pallet	Pallet Weight lbs.	Pallet Weight kg.
C31R	1011038	bucket	15	50	23.5	10.7	750	1224	557
C31RHD	1010806	bucket	15	50	23.2	10.6	750	1211	551
C34R	1010799	bucket	15	50	26.1	11.9	750	1353	615
C35R	1094018	bucket	15	50	26.1	11.9	750	1353	615
C36R	1013155	bucket	15	50	26.1	11.9	750	1353	615
C30H/U40H	1011585	bucket	8	50	33.4	15.2	400	1718	781
TH3-100	2956994	bucket	6	50	29.5	13.4	300	1475	689

\*A = Pieces per container B = Containers per pallet

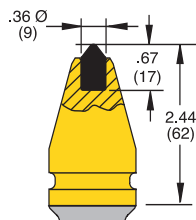
### C Series – Short Retainer



#### C31

1010304

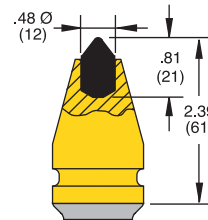
For cutting soft to hard rock and concrete. Short retainer for better retention in the block.



#### C31HD

1010787

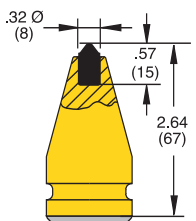
For cutting hard rock and concrete.



#### C32

1010296

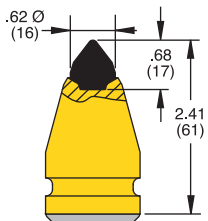
For soft to medium cutting conditions.



#### AUC40KH

1010396

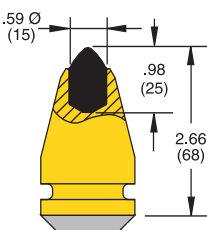
For soft to medium-hard abrasive conditions.



#### U40HD

1010414

For cutting hard rock and concrete.



### Packaging Information

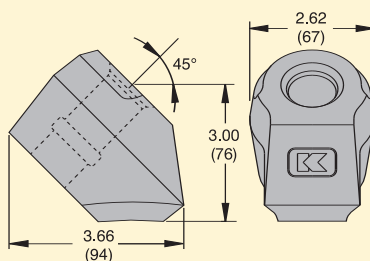
Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	Weight kg.	Pieces per Pallet	Pallet Weight lbs.	Pallet Weight kg.
C31	1010304	bucket	25	50	27.5	12.5	1250	1427	649
C31HD	1010787	bucket	25	50	27.7	12.6	1250	1435	652
C32	1010296	bucket	25	50	28.1	12.8	1250	1454	661
AUC40KH	1010396	bucket	25	50	27.3	12.4	1250	1416	643
U40HD	1010414	bucket	25	50	35.2	16.0	1250	1809	822
C30H/U40H	1011585	bucket	8	50	33.4	15.2	400	1718	781
TH3-100	2956994	bucket	6	50	29.5	13.4	300	1475	689

\*A = Pieces per container B = Containers per pallet

### C30H/U40H Block

1011585

Heavy-duty design.

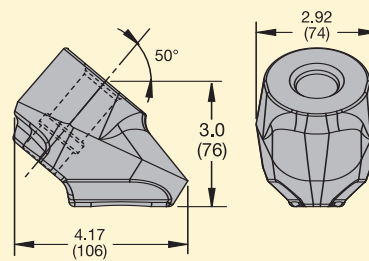


### TH3-100 Block

2956994

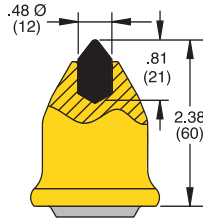
Extra heavy-duty design.

**NEW!**



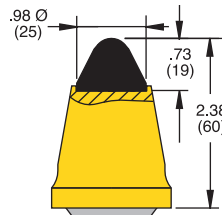
### C31FSRHD 1939780

For cutting concrete and soft to medium-hard rock. Narrow tip diameter enables better penetration.



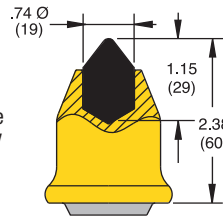
### CH31SR 1010960

For soft to medium-hard abrasive conditions. Wide tip base inhibits steel wash.



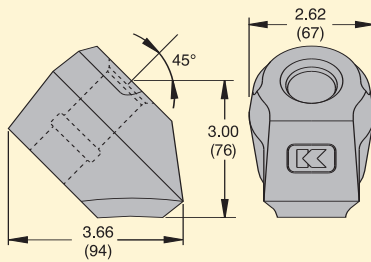
### C34FSR 1939793

For trenching in hard and extremely abrasive rock. Dimple retainer enables easy installation and removal.



### C30H/U40H Block 1011585

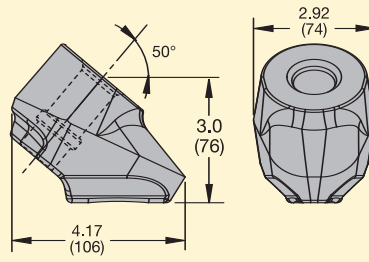
Heavy-duty design.



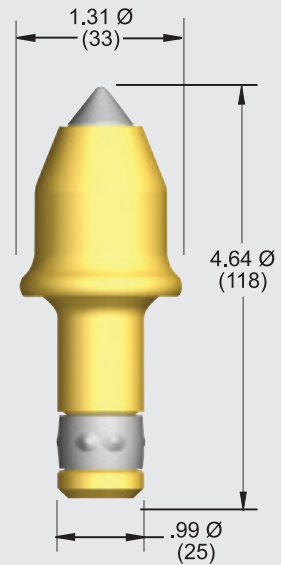
### TH3-100 Block 2956994

Extra heavy-duty design.

**NEW!**



## C-Series – Short Retainer



## Our C31FSRHD and C34FSR Conicals feature...

- full-size steel body with wide collar for better block face protection
- excellent penetration from narrow, solid carbide tip
- short retainer for secure holding power in high-rpm machines



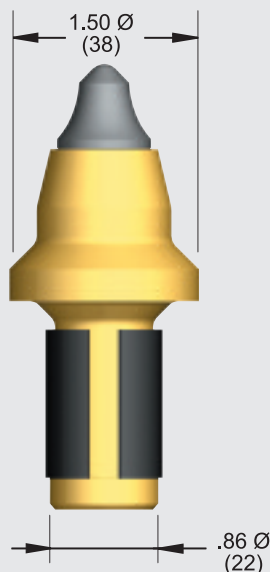
## Packaging Information

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	Weight kg.	Pieces per Pallet	Pallet Weight lbs.	Pallet Weight kg.
C31FSRHD	1939780	bucket	25	50	24.7	11.2	1250	1287	584
C34FSR	1939793	bucket	25	50	30.2	13.7	1000	1560	709
CH31SR	1010960	bucket	25	50	35.8	16.3	1250	1842	837
C30H/U40H	1011585	bucket	8	50	33.4	15.2	400	1718	781
TH3-100	2956994	bucket	6	50	29.5	13.4	300	1475	689

\*A = Pieces per container B = Containers per pallet



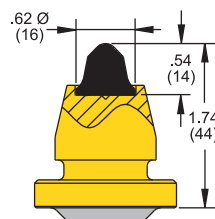
### SM Series – Long Retainer



#### SM01

1010860

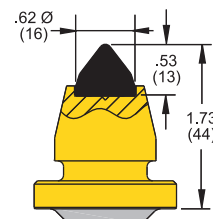
For abrasive cutting conditions.



#### SM02

1010817

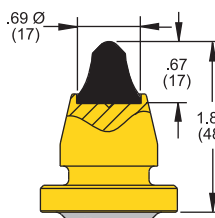
For soft to medium or abrasive cutting conditions.



#### SM03

1010887

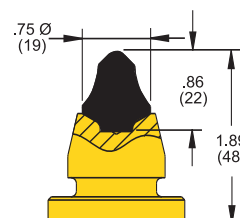
For cutting in highly-abrasive conditions.



#### SM04

1317495

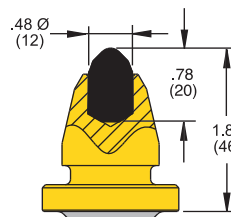
For hard concrete and abrasive cutting conditions.



#### SM06

1010815

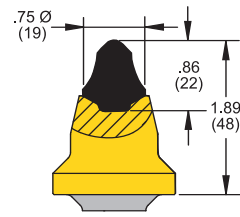
For solid rock and steel-reinforced concrete.



#### SM07

2274671

For hard concrete and abrasive cutting conditions.



**NEW!**

### Packaging Information

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	Weight kg.	Pieces per Pallet	Pallet Weight lbs.	Pallet Weight kg.
SM01	1010860	bucket	50	50	34.0	15.4	2500	1700	771
SM02	1010817	bucket	50	50	34.0	15.4	2500	1700	771
SM03	1010887	bucket	50	50	35.2	16.0	2500	1809	822
SM04	1317495	bucket	50	50	35.4	16.1	2500	1770	803
SM06	1010815	bucket	50	50	34.5	15.7	2500	1725	782
SM07	2274671	bucket	50	50	34.0	15.4	2500	1700	771

\*A = Pieces per container B = Containers per pallet

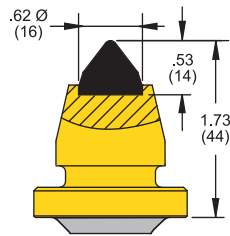


**SD02**

**2504868**

For soft to medium or abrasive cutting conditions.

**NEW!**

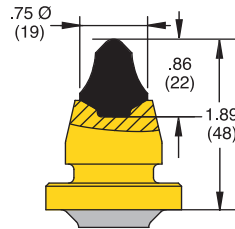


**SD04**

**2504865**

For hard concrete and abrasive cutting conditions.

**NEW!**

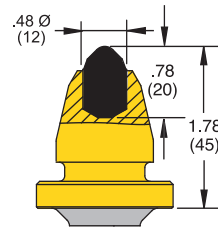


**SD06**

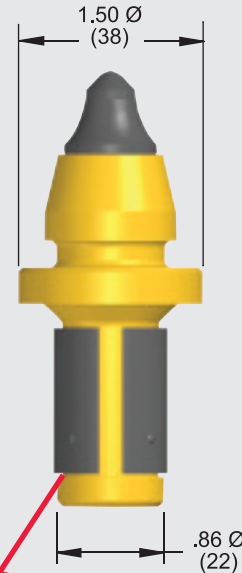
**2504867**

For solid rock and steel-reinforced concrete.

**NEW!**



**SD Series – with Dimpled Long Retainer**

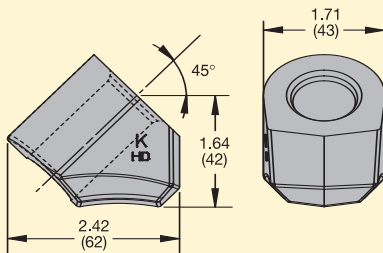


**\* NOTE: Dimpled long retainer provides additional hold power in block with internal grooves.**

**C87E Block**

**1012365**

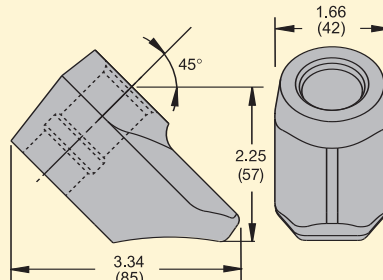
For heavy-duty applications. Use with SL06 cutting tools.



**SLB01 Block**

**1858587**

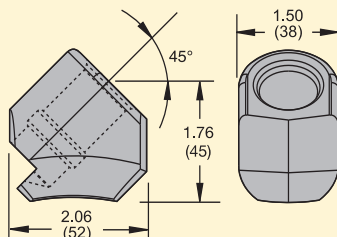
For heavy-duty applications. Features extra clearance for SL06 and SL07 cutting tools.



**C87G Block**

**1012234**

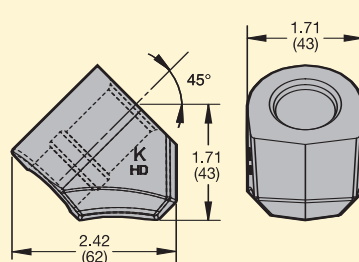
Heavy-duty design with internal groove to accept SL09 tools. Also accepts AR150 87 tools.



**C87HDG Block**

**1972929**

For heavy-duty applications. Features internal groove to accept SL09 cutting tools.



**Packaging Information**

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	kg.	Pieces per Pallet	Pallet Weight lbs.	kg.
SD02	2504868	bucket	50	50	34.0	15.4	2500	1700	771
SD04	2504895	bucket	50	50	35.4	16.1	2500	1770	803
SD06	2504897	bucket	50	50	34.5	15.6	2500	1725	782
C87E	1012365	bucket	25	50	29.0	13.2	1250	1501	682
SLB01	1858587	bucket	15	50	31.8	14.5	750	1640	746
C87G	1012234	bucket	30	50	28.0	12.7	1500	1450	659
C87HDG	1972929	bucket	25	50	29.5	13.4	1250	1526	694

\*A = Pieces per container B = Containers per pallet

**SL Series**



**Our SLB01 block is ideal for challenging trenching applications and features:**

- increased height for clearance of externally retained tools
- larger footprint for increased weld strength and stability

**Packaging Information**

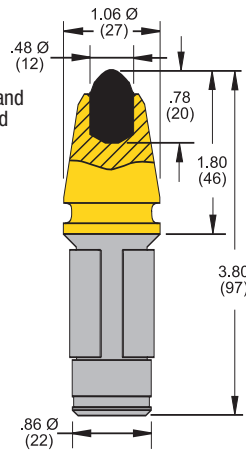
Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	kg.	Pieces per Pallet	Pallet Weight lbs.	kg.
SL06	1010822	bucket	60	50	38.2	17.4	3000	1960	891
SL07	1809484	bucket	40	50	33.8	15.4	2000	1741	791
SLB01	1858587	bucket	15	50	31.8	14.5	750	1640	746

\*A = Pieces per container B = Containers per pallet

**Dual Retainer**

**SL06  
1010822**

For solid rock and steel-reinforced concrete.



*Log on to*

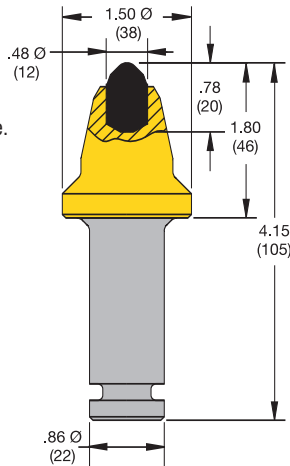
*[www.kennametal.com](http://www.kennametal.com)*

*to learn more about  
our complete line of  
products and services*

**External Retainer**

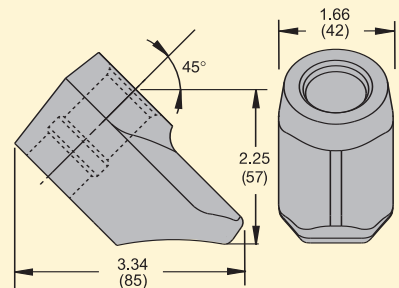
**SL07  
1809484**

For cutting extremely hard rock and concrete.



**SLB01 Block  
1858587**

For heavy-duty applications. Features extra clearance for SL06 and SL07 cutting tools.

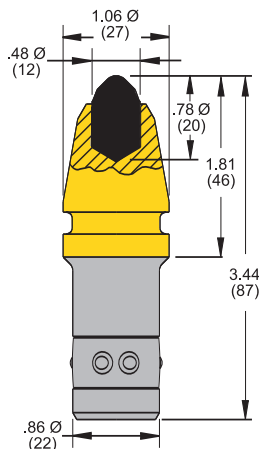




**Short Retainer**

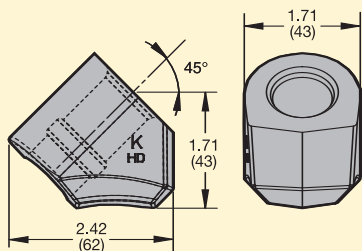
**SL09**  
**1196038**

For solid rock and steel-reinforced concrete when used in C87HDG, SLB01, and C87G blocks.



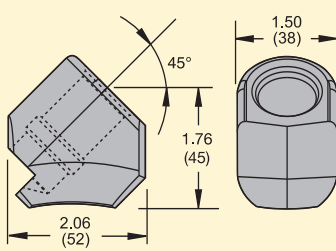
**C87HDG Block**  
**1972929**

For heavy-duty applications. Features internal groove to accept SL09 cutting tools.



**C87G Block**  
**1012234**

Heavy-duty design with internal groove to accept SL09 tools. Also accepts AR150 87 tools.



**SL09 Cutting Tool**

- dimpled retainer provides excellent retention when used in blocks with internal grooves
- puller groove for easy tool insertion and removal
- narrow body design for excellent penetration and cutting efficiency
- excellent for use on trenching chains and wheels



**SL Series**

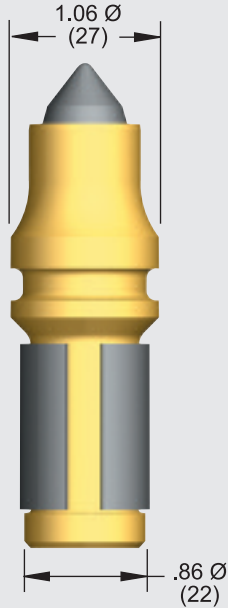


**Packaging Information**

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	kg.	Pieces per Pallet	Pallet Weight lbs.	kg.
SL09	1196038	bucket	70	50	41.6	18.9	3500	2129	968
C87HDG	1972929	bucket	25	50	29.5	13.4	1250	1526	694
C87G	1012234	bucket	30	50	28.0	12.7	1500	1450	659

\*A = Pieces per container B = Containers per pallet

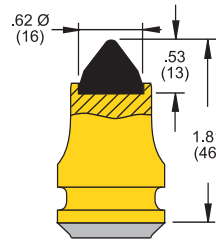
### SL Series – Long Retainer



#### SL02

1010797

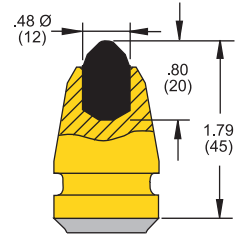
For soft to medium or abrasive cutting conditions.



#### SL04

1010795

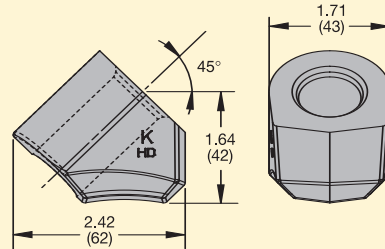
For solid rock and steel-reinforced concrete.



#### C87E Block

1012365

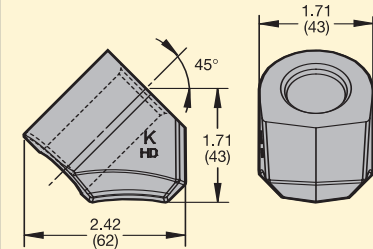
For heavy-duty applications. Shorter bore length accepts SL06 cutting tool.



#### C87HDS Block

1012290

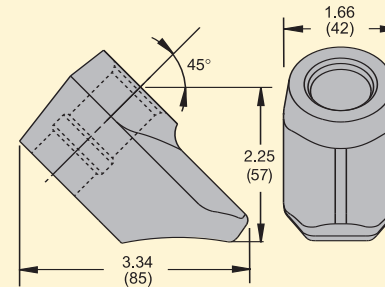
For heavy-duty applications.



#### SLB01 Block

1858587

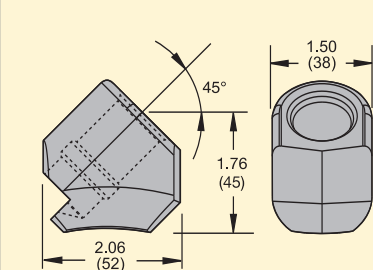
For heavy-duty applications. Features extra clearance for SL06 and SL07 cutting tools.



#### C87G Block

1012234

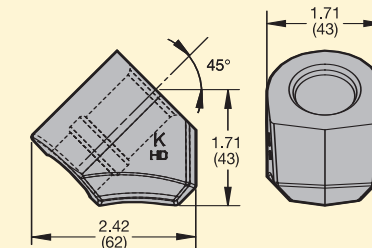
Medium-duty design with internal groove to accept SL09 tools. Also accepts AR150 87 tools.



#### C87HDG Block

1972929

For heavy-duty applications. Features internal groove to accept SL09 cutting tools.



### Packaging Information

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	kg.	Pieces per Pallet	Pallet Weight lbs.	kg.
SL02	1010797	bucket	70	50	38.8	17.6	3500	1990	905
SL04	1010795	bucket	60	50	37.0	16.8	3000	1900	864
C87E	1012365	bucket	25	50	29.0	13.2	1250	1501	682
C87HDS	1012290	bucket	25	50	31.7	14.4	1250	1636	744
SLB01	1858587	bucket	15	50	31.8	14.5	750	1640	746
C87G	1012234	bucket	30	50	28.0	12.7	1500	1450	659
C87HDG	1972929	bucket	25	50	29.5	13.4	1250	1526	694

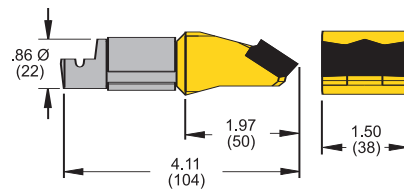
\*A = Pieces per container B = Containers per pallet

**Flat Cutter System**

**AR150 87**

**1012240 Tooth**

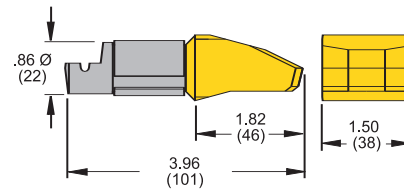
Carbide-edged for soft to medium-hard conditions. Use to make a combination chain. Can use C87B or C87G blocks to make a mixed chain.



**AR150 87ST**

**1012241 Tooth**

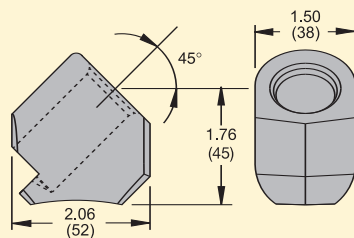
All-hardened steel for soft to medium-hard conditions. Use to make a combination chain. Can use with C87G or C87B blocks.



**C87B Block**

**1012275**

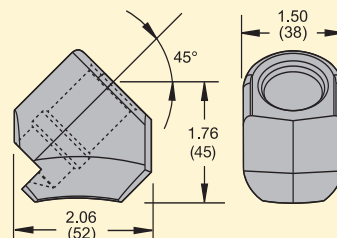
Heavy-duty design. Accepts AR150 87 cutting tools.



**C87G Block**

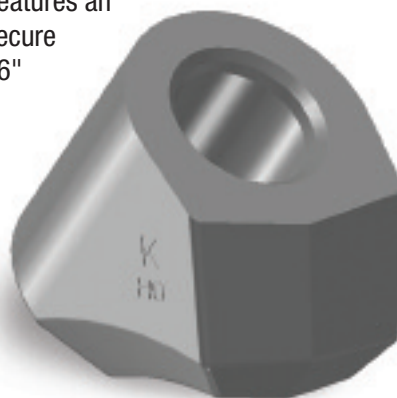
**1012234**

Heavy-duty design with internal groove to accept SL08 and SL09 tools. Also accepts AR150 87 tools.



**C87HDG Block**

The C87HDG block features an internal groove for secure holding power for .86" shank size tools!



**AR Series**



**Packaging Information**

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	Weight kg.	Pieces per Pallet	Pallet Weight lbs.	Pallet Weight kg.
AR150 87	1012240	bucket	40	50	37.9	17.3	2000	1948	885
AR150 87ST	1012241	bucket	40	50	35.5	16.1	2000	1824	829
C87B	1012275	bucket	25	50	22.8	10.4	1250	1190	541
C87G	1012234	bucket	30	50	28.0	12.7	1500	1450	659

\*A = Pieces per container B = Containers per pallet

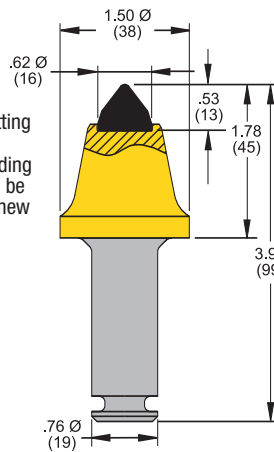


**C Series**



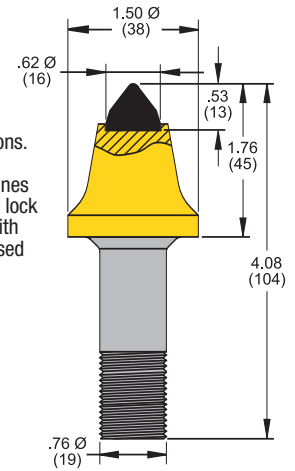
**C3R  
1010910**

For soft to medium or abrasive cutting conditions. For stationary grinding machines. Can be used with our new C3RB block.



**C3T  
1010734**

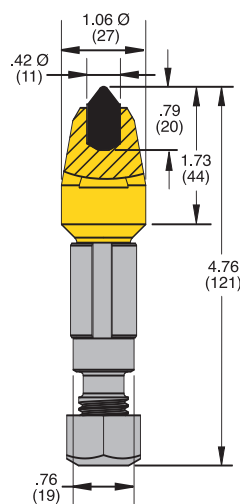
For soft to medium or abrasive cutting conditions. For stationary grinding machines (3/4" x 16 UNF lock nut included with tool). Can be used with our C3RB block.



**C1LRT\*  
1010978**

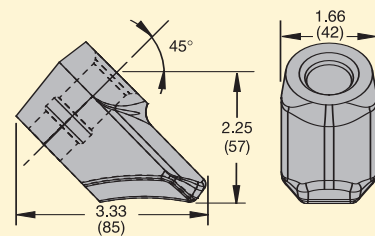
For hard cutting conditions (M16 x 2 stover lock nut included). Used on Meri crusher attachments.

\*non-stock



**C3RB Block  
1886760**

For heavy-duty applications. Taller block allows clearance for externally retained tools.



**Packaging Information**

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	kg.	Pieces per Pallet	Pallet Weight lbs.	kg.
C3R	1010910	bucket	40	50	32.1	14.6	2000	1653	751
C3T	1010734	bucket	30	50	23.8	10.8	1500	1239	563
C1LRT	1010978	bucket	40	50	28.3	12.9	2000	1464	665
C3RB	1886760	bucket	15	50	31.8	14.5	750	1640	746

\*A = Pieces per container B = Containers per pallet

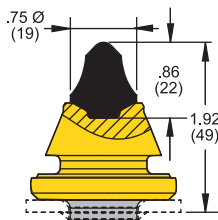
**Our C3RB block is ideal for challenging trenching applications and features:**

- increased height for clearance of externally retained tools
- larger footprint for increased weld strength and stability



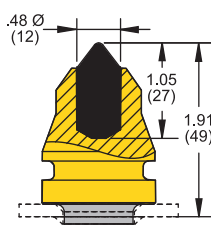
**RP15**  
**1758400**

For medium to hard or abrasive cutting conditions. Full-length retainer for increased bore life and tool retention.



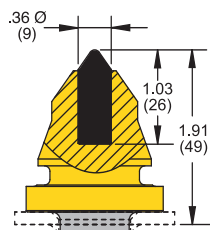
**RP21**  
**1825565**

For high-impact and abrasive applications. Deep recessed carbide provides long wear life. Washer provides block face protection and improves rotation. Full-length retainer protects entire bore.



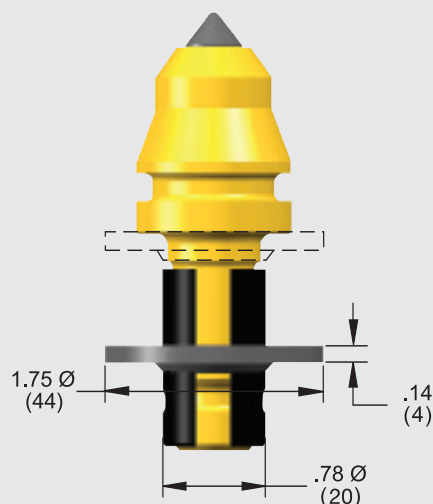
**RP22**  
**1781714**

For high-impact and abrasive applications. Deep recessed carbide provides long wear life. Washer provides block face protection and improves rotation. Full-length retainer protects entire bore.



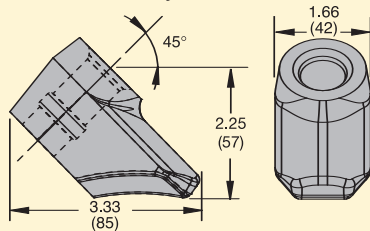
**Kennametal  
construction  
tools deliver  
unparalleled  
performance—  
on all trenching  
equipment!**

**RP Series – Full Sleeve and Washer**



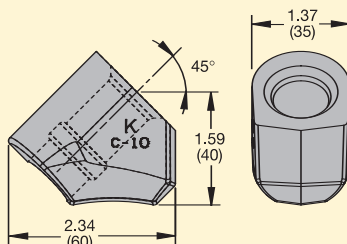
**C3RB Block**  
**1886760**

For heavy-duty applications. Taller block allows clearance for externally retained tools.



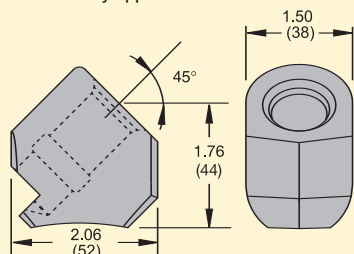
**C10 Block**  
**1012278**

For light-duty applications. Slim profile design.



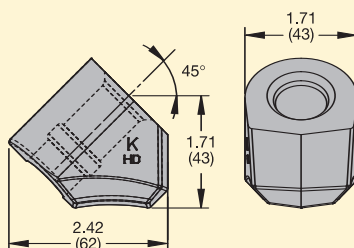
**C10H Block**  
**1012280**

For medium-duty applications.



**C10HD Block**  
**1012289**

For extra heavy-duty applications.

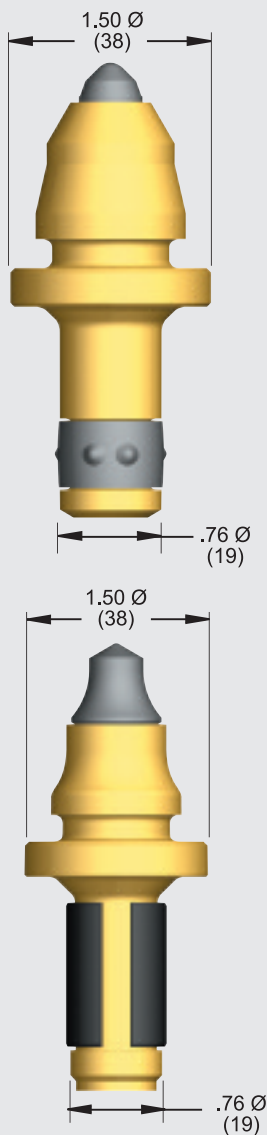


**Packaging Information**

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	Weight kg.	Pieces per Pallet	Pallet Weight lbs.	Pallet Weight kg.
RP15	1758400	box	50	54	42.5	19.3	2700	2175	989
RP21	1825565	box	50	54	31.0	16.4	2700	1853	842
RP22	1781714	box	50	54	35.0	15.9	2700	1798	817
C3RB	1886760	bucket	15	50	31.8	14.5	750	1640	746
C10	1012278	bucket	35	50	33.2	15.1	1750	1710	777
C10H	1012280	bucket	35	50	33.2	15.1	1750	1710	777
C10HD	1012289	bucket	25	50	29.5	13.4	1250	1525	693

\*A = Pieces per container B = Containers per pallet

### RS Series



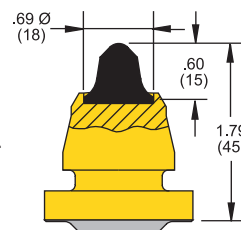
### RS Series – Short Retainer

#### RS14

**1156160**

For soft to medium or abrasive cutting conditions.

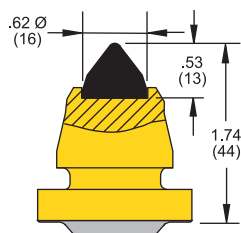
\*non-stock



#### RS18\*

**1107032**

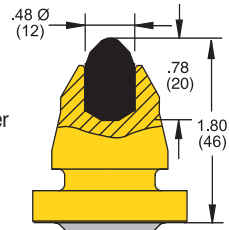
For soft to medium or abrasive cutting conditions. Narrow tip profile for better penetration.



#### RS16

**1156102**

For hard rock and concrete. Large carbide tip for higher impact strength.

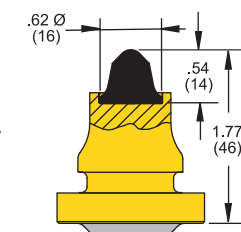


### RS Series – LR Retainer

#### RS01

**1317483**

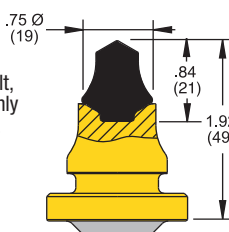
For medium to hard or abrasive cutting conditions.



#### RS19

**1991004**

For concrete, asphalt, rocky soils, and highly abrasive conditions.



### Packaging Information

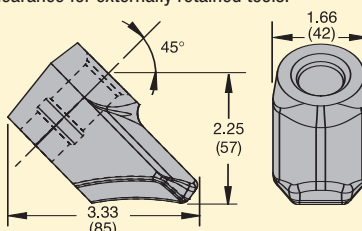
Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	Weight kg.	Pieces per Pallet	Pallet Weight lbs.	Pallet Weight kg.
RS14	1156160	bucket	50	50	30.0	13.6	2500	1551	705
RS16	1156102	bucket	50	50	31.0	14.1	2500	1600	727
RS18	1107032	bucket	50	50	31.0	14.1	2500	1600	727
RS01	1317483	bucket	50	50	31.0	14.1	2500	1600	727
RS19	1991004	bucket	50	50	32.0	14.6	2500	1650	750
C3RB	1886760	bucket	15	50	31.8	14.5	750	1640	746
C10	1012278	bucket	35	50	33.2	15.1	1750	1710	777
C10H	1012280	bucket	35	50	33.2	15.1	1750	1710	777
C10HD	1012289	bucket	25	50	29.5	13.4	1250	1525	693

\*A = Pieces per container B = Containers per pallet

### C3RB Block

**1886760**

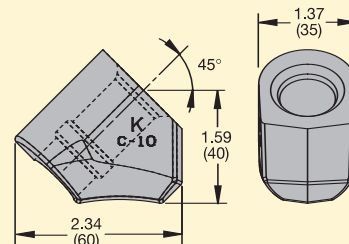
For heavy-duty applications. Taller block allows clearance for externally retained tools.



### C10 Block

**1012278**

For light-duty applications. Slim profile design.



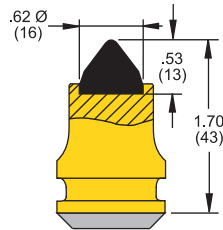


**RL Series – Short Retainer**

**RL08**

**1010767**

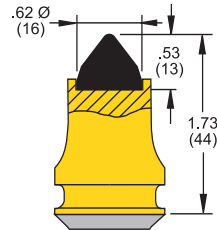
For soft to medium or abrasive cutting conditions.



**RL09**

**1010770**

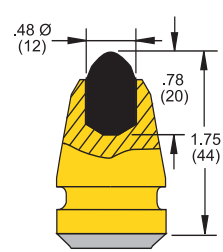
For soft to medium or abrasive cutting conditions.



**RL10**

**1010784**

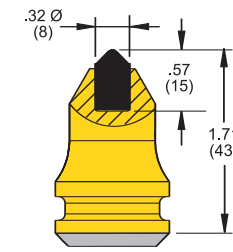
For cutting hard rock and concrete. Short dimpled retainer for better retention in the block at higher cutting speeds.



**RL11**

**1010772**

For medium to hard cutting conditions. Dimpled retainer for improved block retention.

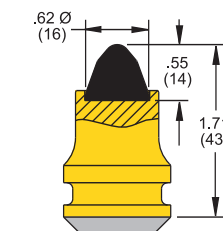


**RL Series – LR Retainer**

**RL04**

**1010851**

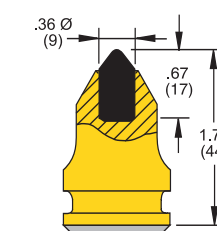
For soft to medium cutting conditions.



**RL06**

**1010830**

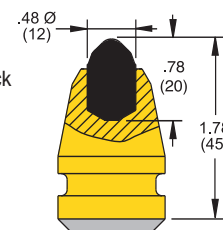
For hard cutting conditions. Narrow body improves penetration.



**RL07**

**1010782**

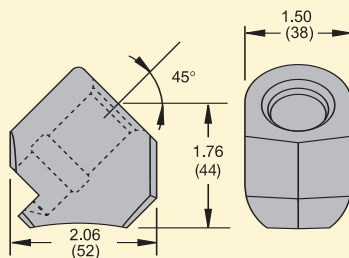
For cutting hard rock and concrete.



**C10H Block**

**1012280**

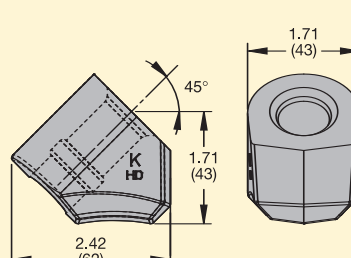
For medium-duty applications.



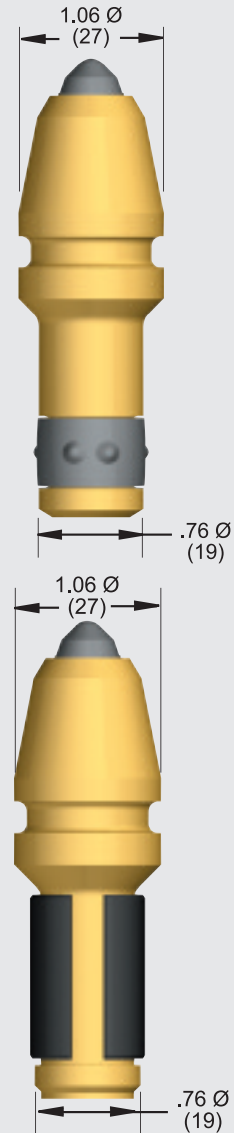
**C10HD Block**

**1012289**

For extra heavy-duty applications.



**RL Series**

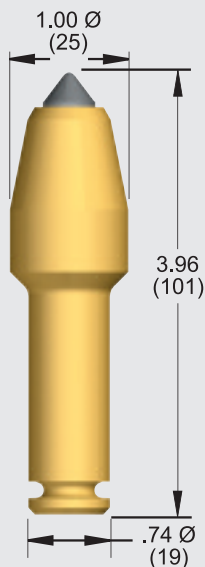
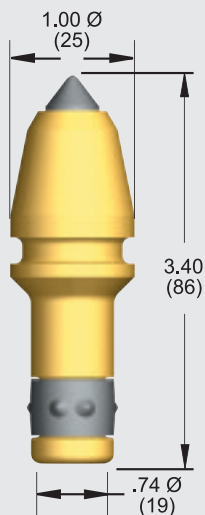


**Packaging Information**

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	Weight kg.	Pieces per Pallet	Pallet Weight lbs.	Pallet Weight kg.
RL08	1010767	bucket	75	50	37.0	16.8	3750	1900	864
RL09	1010770	bucket	75	50	34.0	15.5	3750	1750	796
RL10	1010784	bucket	75	50	39.4	17.9	3750	2018	917
RL11	1010772	bucket	75	50	34.7	15.8	3750	1787	812
RL04	1010851	bucket	75	50	37.0	16.8	3750	1900	864
RL06	1010830	bucket	75	50	37.1	16.8	3750	1903	865
RL07	1010782	bucket	70	50	38.2	17.4	3500	1960	891
C3RB	1886760	bucket	15	50	31.8	14.5	750	1640	746
C10	1012278	bucket	35	50	33.2	15.1	1750	1710	777
C10H	1012280	bucket	35	50	33.2	15.1	1750	1710	777
C10HD	1012289	bucket	25	50	29.5	13.4	1250	1525	693

\*A = Pieces per container B = Containers per pallet

### C21 Series

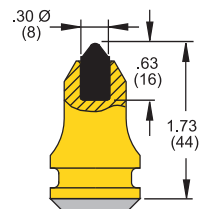


### Short Retainer

#### C21

1010748

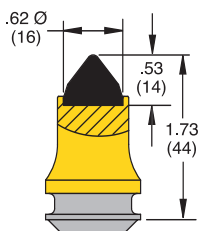
For soft to medium-hard conditions. Puller groove for easier tool installation and removal.



#### C23

1010758

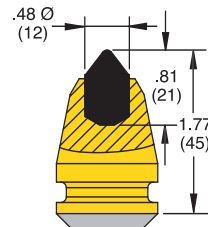
For cutting soft to medium-hard rock and asphalt. Wide tip base inhibits steel wash.



#### C21HD

1010789

For extremely hard rock and concrete.



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to learn more about  
our complete line of  
products and services

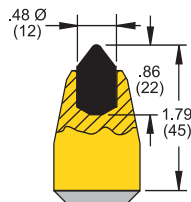
### External Retainer

#### C21RHD\*

1010804

For cutting medium-hard to extremely hard rock.

\*non-stock



### Packaging Information

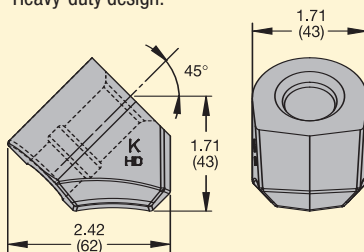
Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	kg.	Pieces per Pallet	Pallet Weight lbs.	kg.
C21	1010748	bucket	75	50	30.5	13.8	3750	1573	715
C21HD	1010789	bucket	75	50	38.0	17.3	3750	1952	887
C23	1010758	bucket	75	50	31.8	14.4	3750	1639	745
C21RHD	1010804	bucket	60	50	36.0	16.4	3000	1853	842
C20HD	1012276	bucket	25	50	30.5	13.9	1250	1575	717
C20	1012273	bucket	40	50	29.4	13.4	2000	1521	691

\*A = Pieces per container B = Containers per pallet

#### C20HD Block

1012276

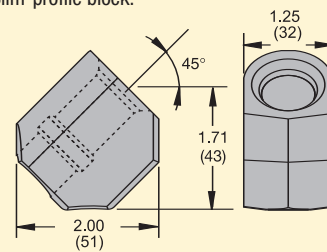
Heavy-duty design.



#### C20 Block

1012273

Slim-profile block.

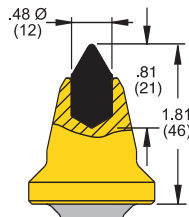


**External Retainer**

**C21RFHD**

**1780648**

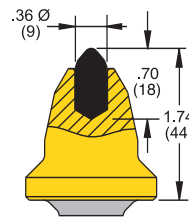
For extremely hard rock and concrete. Long narrow tip for better penetration.



**C21RF**

**1780649**

For cutting medium to hard rock and concrete.



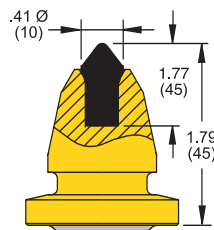
**Short Retainer**

**C21F11NB\***

**1253937**

For soft to medium-hard conditions. Wide collar for better block face protection.

*\*non-stock*

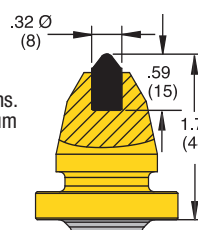


**C21F\***

**1253752**

For trenching in soft to medium-hard conditions. Wide collar for maximum block protection.

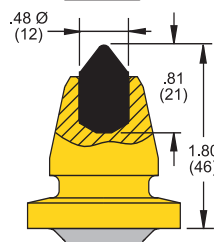
*\*non-stock*



**C21FHD**

**1253751**

For trenching in extremely hard rock and concrete. Wide collar for maximum block protection.

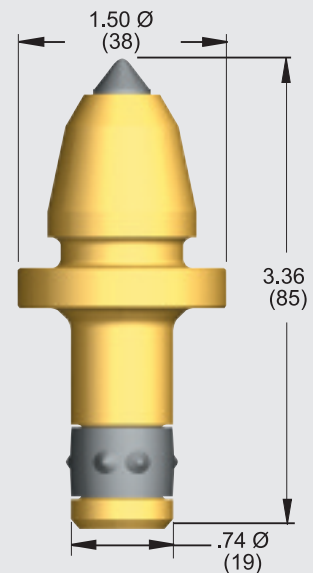
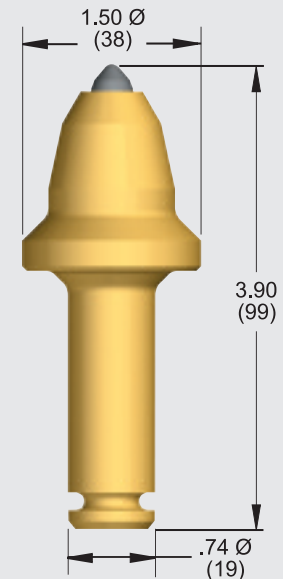


**Our C21F and C21FHD Conicals feature...**

- extra-wide collar for superb block face protection
- solid carbide tips in two different styles for better penetration and higher impact strength in soft to hard cutting conditions
- dimpled retainer for excellent holding power in the block in high-rpm machines



**C21 Series**



**Packaging Information**

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	Weight kg.	Pieces per Pallet	Pallet Weight lbs.	Pallet Weight kg.
C21RFHD	1780648	bucket	40	50	28.6	13.0	2000	1481	673
C21RF	1780649	bucket	40	50	28.0	12.8	2000	1455	661
C21F11NB	1253937	bucket	50	50	29.6	13.4	2500	1529	695
C21F	1253752	bucket	50	50	28.6	13.0	2500	1479	672
C21FHD	1253751	bucket	50	50	30.0	13.6	2500	1551	705

\*A = Pieces per container B = Containers per pallet

# .55" (14 mm) / .44" (11 mm) Shank

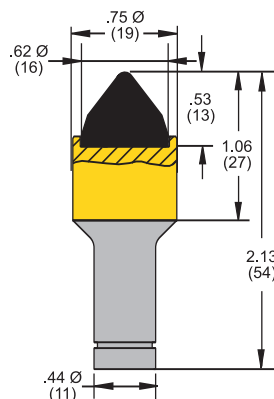


## Cutting Tools and Blocks

### CM Series – .44" (11 mm) Shank

#### CM42 1010778

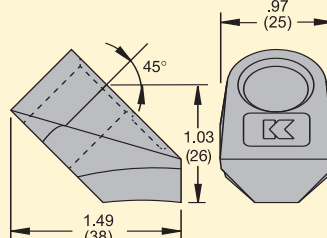
For soft to medium conditions.



CM4 retainer supplied.  
See page 37.

#### CMB4 Block 1012281

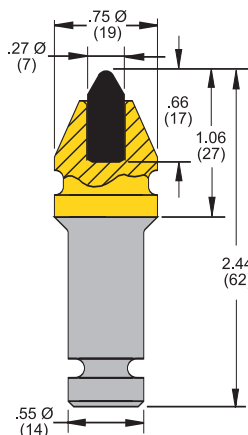
Accepts CM42 cutting tools. All blocks are easily welded with a 7018 or 8018 low-hydrogen rod or equivalent wire.



### CM Shank – .55" (11 mm) Shank

#### CM61 1094015

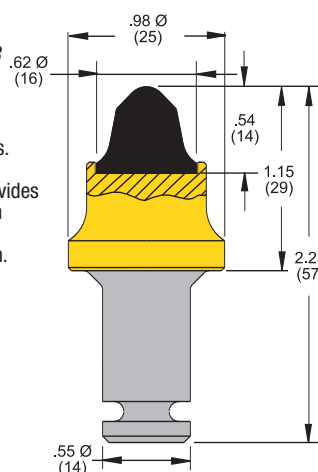
For medium to hard conditions. Small-diameter tip designed for increased penetration.



CM6L retainer supplied.  
See page 37.

#### CM63 1795208

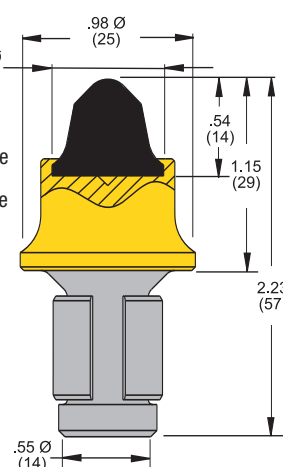
For medium to hard conditions. The wide collar provides maximum block protection.



CM6H retainer supplied.  
See page 37.

#### CM65 1876905

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



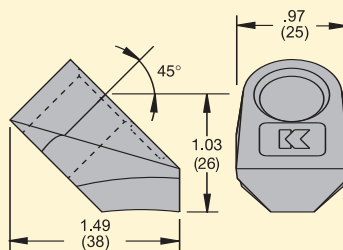
### Packaging Information

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	kg.	Pieces per Pallet	Pallet Weight lbs.	kg.
CM42	1010778	bucket	200	50	35.0	15.9	10000	1798	817
CMB4	1012281	bucket	200	50	42.4	19.3	10000	2172	987
CM61	1094015	bucket	200	50	37.2	16.9	10000	1908	867
CM63	1795208	bucket	200	50	41.0	18.6	10000	2100	955
CM65	1876905	bucket	200	50	41.0	18.6	10000	2100	955
CMB6	1321008	bucket	200	50	37.2	16.9	10000	1908	867
CMB6L	1898353	bucket	150	50	31.0	14.1	7500	1601	728

\*A = Pieces per container B = Containers per pallet

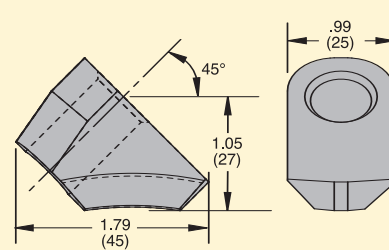
#### CMB6 1321008

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. Heavy-duty design and longer bore to accept LR-style tools.

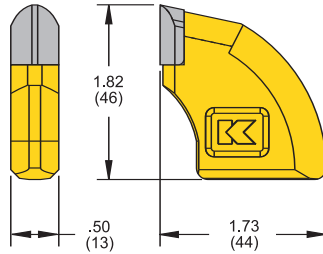




**DT50**

**1086101**

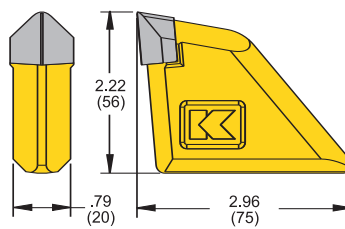
For soft to medium cutting conditions.



**DT87**

**1086378**

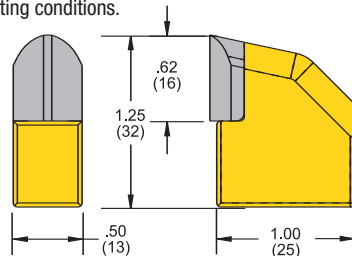
For soft to hard cutting conditions.



**RT1**

**1784646**

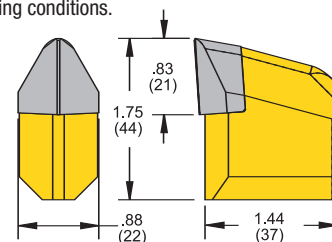
For soft to medium cutting conditions.



**RT2**

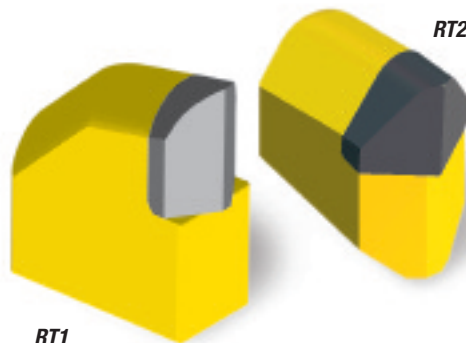
**1844257**

For soft to hard cutting conditions.



**Premier Cutting Tools...  
For PROVEN, Premium Performance!**

- customized especially for difficult cutting conditions
- superior impact strength for long-lasting tool life
- shorter versions of standard longer tool sizes for greater breakage resistance



**RT1**

**RT2**

**DT/RT Series**



**Packaging Information**

Tool Name	Order Code	Container Type	A*	B*	Weight lbs.	Weight kg.	Pieces per Pallet	Pallet Weight lbs.	Pallet Weight kg.
DT50	1086101	bucket	150	50	40.7	18.5	7500	2084	947
DT87	1086378	bucket	50	50	43.4	19.7	2500	2222	1010
RT1	1784646	bucket	200	50	34.1	15.5	10000	1754	797
RT2	1844257	bucket	100	50	25.0	11.4	5000	1299	590

\*A = Pieces per container B = Containers per pallet

Engineering Your  
Competitive Edge  
**IN CONSTRUCTION**



## Kencut Trencher Teeth

**Ideal for Rubber  
Tire Trenchers!**

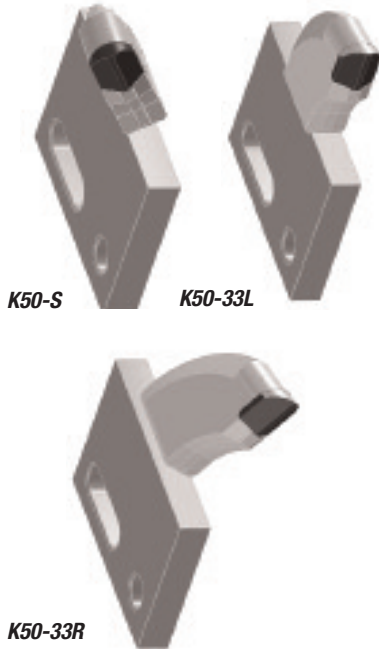
- More carbide (7/8" compared to competitors' 3/4") means greater durability and extended life!
- Unique macrocrystalline carbide grade provides better performance!
- Backed by exceptional technical and customer service to help you get the results you need!

Kennametal will significantly boost your trenching productivity and profitability!

*Let us prove it.*

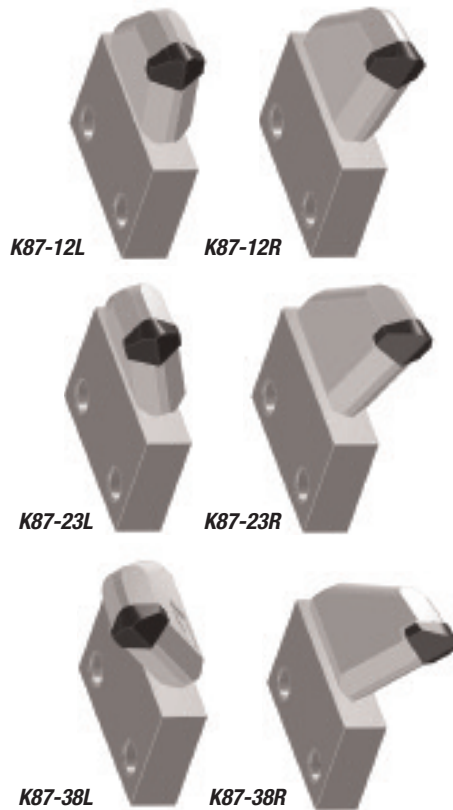
**K KENNAMETAL®**  
Engineering Your Competitive Edge

## Chain Link Weight 33,000/35,000 lbs. – Single Tooth



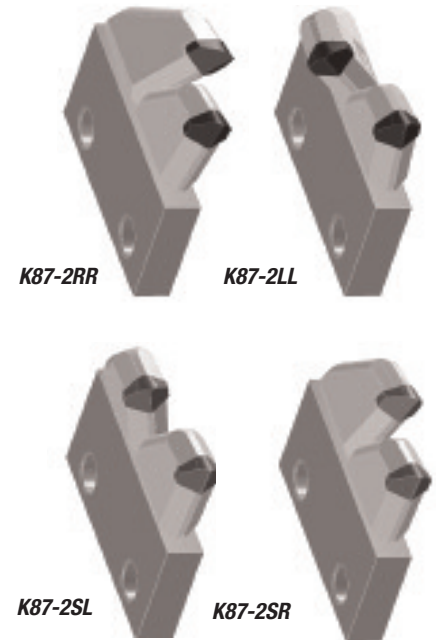
Kennametal description	SAP number
K50-S	2546578
K50-33L	2546577
K50-33R	2546576

## Chain Link Weight 50,000/110,000 lbs. – Single Tooth



Kennametal description	SAP number
K87-12L	2546449
K87-12R	2546448
K87-23L	2546451
K87-23R	2546450
K87-38L	2546452
K87-38R	2546463

## Chain Link Weight 70,000/110,000 lbs. – Double Tooth



Kennametal description	SAP number
K87-2RR	2546574
K87-2LL	2546472
K87-2SL	2546471
K87-2SR	2546573



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TS SHANK

TSC SHANK

STEP SHANK

1" (25) SHANK

.86 (22) SHANK

.76 (19) SHANK

.74 (19) SHANK

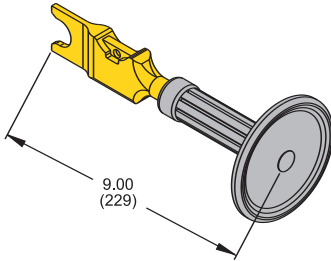
.55 (14)/.44 (11) SHANK

DT/RT SERIES

ACCESSORIES/  
INSTALLATION  
REMOVAL TOOLS

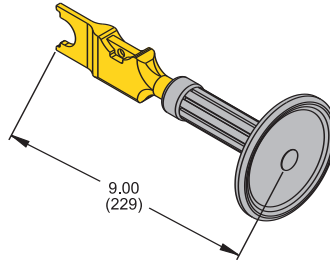
## TR1 puller 1927011

For use on any T-series tool with TR1 retainer.



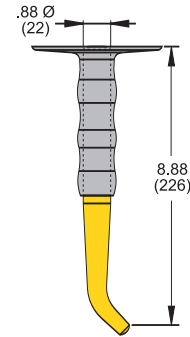
## TR2 puller 1930105

For use on TSC-series step shank tools with TR2 retainer.



## KHP 2 1012247

For removing tools from rear of block bore. Can be used with most block styles.

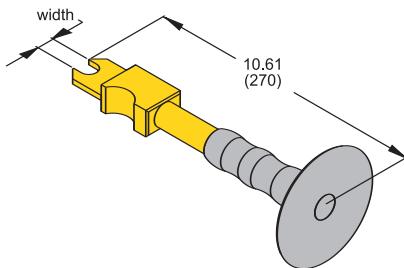


## C21R puller 1012348

## C31R puller 1012347

## C15R puller 1885470

Lock ring removal tools.



description	shank series	width
C21R	.74" and .76"	.48" (12)
C31R	.86" and 1"	.66" (17)
C15R	TS	.83" (21)

## U70 pad coated puller 3043394

For removal of 1" shank tools with collars.

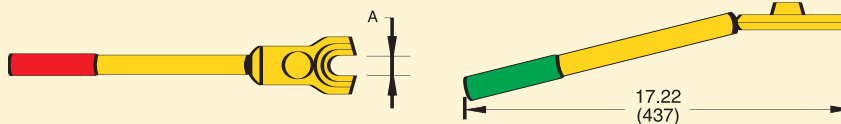


## K150 pad coated puller 3043352

For removal of step shank tools with collars.



## Hammer-type pullers for installation and removal of tools



description	for	A	handle color
C30 HP puller 1011982	C30 tools	1.15 (29)	blue
C20 HP puller 1011984	C20 tools	.84 (21)	black
C123 puller 1012016	RS, RL, SM, SL tools	.91 (23)	green
RP puller 1761401	RP tools	1.02 (26)	red



### Snap Rings

**KR112 - 1011979**  
For step shank tools.

**CM4 - 1012223**  
For CM42 tools.

**SHR87 - 1011938**  
For SL06 tools.



**TR1**  
1900186

For use on any  
T-series tool.



### Lock Rings

**SLR**  
1817888  
For SL07 tools.

**C31R**  
1012065  
For externally retained  
1" shank tools  
(C30 and T series).



**C15R**  
1803295  
For TSC - series tools.

### KRP-1 Pliers

**1012010**  
For removal of  
KR112 snap ring.



### Lock Rings

**C21R - 1011961**  
For C21RHD,  
C21RFHD, and  
C21RF tools.

**C3R - 1012120**  
For C3R tools.



**TR2**  
1820604

For us on any TSC-series  
step shank tool.



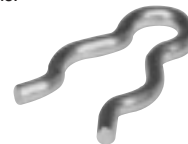
### CM6L Retainer

**1595671**  
Hardened lock ring for  
CM61, CM62, and  
CM63 cutting tools.



### CM6H Hairpin Retainer

**1777806**  
For CM61 and CM63 tools.



TS SHANK

TSC SHANK

STEP SHANK

1" (25) SHANK

.86 (22) SHANK

.76 (19) SHANK

.74 (19) SHANK

.55 (14)/.44 (11) SHANK

D7/RT SERIES

ACCESSORIES/  
INSTALLATION  
REMOVAL TOOLS



## Protect your trenching wheels and chains with maximum-duty Kennametal KenCast™!



### **saws:**

- side of wheel
- bolt-on segment

### **trenchers:**

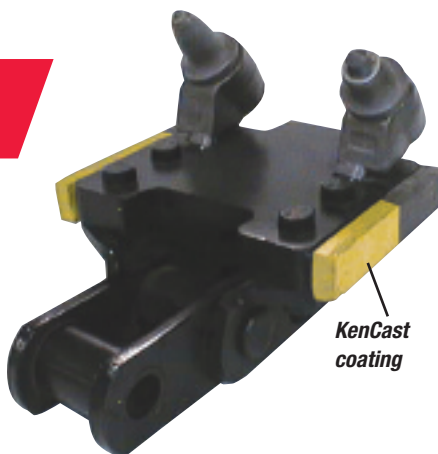
- side of base plates
- paddles on base plates or drums

Your trenching wheels and chains run in the toughest conditions. Protect them with Kennametal KenCast™, a composite material that combines the exceptional wear resistance of Kennametal cemented tungsten carbide with the toughness and practicality of air-hardened steel.

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

## Alleviate cost and downtime with our exclusive KenCast™ Base Plate!

**Keep up and  
running longer!**



- weldable steel is suitable for covering large areas!
- carbide content provides longer life and higher impact durability than other forms of carbide!
- protects blocks, saves downtime, and prolongs life when used on:
  - the sides of base plates on Chain Trenchers
  - the sides of segments on Rock Wheels
  - the clean-out paddles on Terrain Levelers, Road Miners, Rock Haws, and Surface Miners

Kennametal will significantly boost your trenching productivity and profitability!

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