



# CONSTRUCTION

## RockRazor™ Trenching & Foundation Drilling Platform

### World and Corporate Headquarters

Kennametal Inc.  
1600 Technology Way  
Latrobe, PA 15650 USA  
Phone: 800.446.7738 (United States and Canada)  
ftmill.service@kennametal.com

### European Headquarters

Kennametal Europe GmbH  
Rheingoldstrasse 50  
CH 8212 Neuhausen am Rheinfall  
Switzerland  
Phone: 41.52.6750.100  
neuhausen.info@kennametal.com

### Asia-Pacific Headquarters

Kennametal Singapore Pte. Ltd.  
ICON@IBP #01-02/03/05  
3A International Business Park  
Singapore 609935  
Phone: 65.6.2659222  
k-sg.sales@kennametal.com

### India Headquarters

Kennametal India Limited  
8/9th Mile, Tumkur Road  
Bangalore - 560.073  
Phone: 91.80.2839.4321  
bangalore.information@kennametal.com



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



Introducing

# RockRazor™

The new *quick-change* indexable cutting system for earthworks.

The RockRazor™ system's quick change ability reduces machine downtime by allowing flexibility to change from one tool style to another depending on the application. This flexibility allows you to maximize cutting capabilities of your equipment.

## *Quick change*

From a non-rotating, flat-spade tool to a rotating conical based on your application.

The benefits for you are:

- ▶ Flexibility of tool-style changes depending on conditions.
- ▶ Quick-change system results in less downtime.

## *Quick change*

The indexable system enables use of a four-position flat spade tool for soft materials, and facilitates quick changes to carbide conicals for harder materials.





The benefits for you are:

- ▶ Significant cost savings by reducing downtime during tool changes.






**FLEXIBLE**  
**COMPREHENSIVE**  
**PRODUCTIVE**  
**EFFICIENT**  
**POWERFUL**







## Application Guide

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 Caliches	Dolomite Limestone Concrete River Rock	Sandstone Basalt Coral Asphalt	Flint Silica Sandstone Granite	Limestone River Rock Sandstone Flagstone
	T1 "X" or T5 "X" T7 "X" or T16 "X" T17 "X" or T18 "X"	T5 "X" or T7 "X" T16 "X" or T17 "X" T18 "X" or T20 "X"	T11 "X" T19 "X" T20 "X"	T8 "X" T19 "X" T20 "X"	T11 "X" T19 "X" T20 "X"	T11 "X" T19 "X" T20 "X"
	TS19C "X" TS20C "X" TS39C "X"	TS19C "X" or TS20C "X" TS31C "X" or TS32C "X" TS35C "X" or TS39C "X"	TS5C "X" or TS7C "X" TS30C "X" or TS32C "X" TS40C "X" or TS41C "X"	TS14C "X" or TS33C "X" TS30C "X" or TS32C "X" TS40C "X" or TS41C "X"	TS30C "X" TS31C "X" TS32C "X"	TS30C "X" TS31C "X" TS32C "X"
	FC01 Indexable Flat Spade Bit	FC01 Indexable Flat Spade Bit	TS30C "X" TS31C "X" TS32C "X"	TS35C "X" TS36C "X" TS37C "X"	TS30C "X" TS31C "X" TS32C "X"	TS30C "X" TS31C "X" TS32C "X"
	DS04 DS04-59 DS01 DS12WC DS10WC	DS04 DS04-59 DS01 DS12WC DS10WC	DS05 DS07WC DS09WC DS11WC DS12WC	DS07WC "X" DS08WC "X" DS11WC "X" DS12WC "X"	DS07 WC "X" DS11WC "X" DS12WC "X"	DS07WC "X" DS09WC "X" DS10WC "X" DS11WC "X" DS12WC "X"


## Blocks

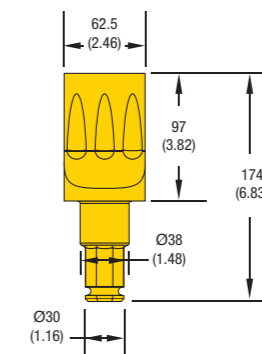
					
order number 5031746	catalog number TH3-G-INDEX BLOCK	order number 5031772	catalog number TH3S-G-INDEX BLOCK	order number 2956994	catalog number TH3-100 BLOCK

## Retainers

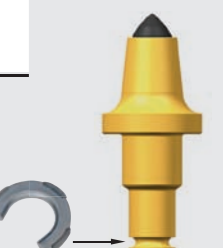
					
order number 4065385	catalog number TR1-D	order number 1012065	catalog number C31R RETAINER	order number 4073124	catalog number TR3 RETAINER
					
order number 1803295	catalog number C15R RETAINER	order number 4131992	catalog number DSL R 1070 RETAINER CLIP	order number 5032127	catalog number DSL R-D RETAINER CLIP

## Non-Rotating Flat Spade Bit

	
order number 5031774	catalog number FC01-INDEX FLAT SPADE BIT



## Rotating Bit

	
order number 5031774	catalog number TS-CX

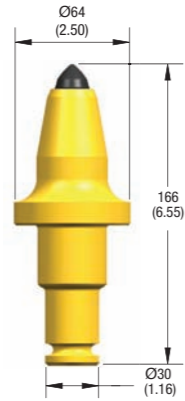
# Gold

## TSCX Series

Trenching Tools 38mm (1.5")/30mm (1.18")

Dimensions below are shown in millimeters and (inches).

### 3.5 Gage



**■ TS8C X**

order number	catalog number
4082889	TS8C X

**■ TS20C X**

order number	catalog number
4066813	TS20C X

**■ TS35C X**

order number	catalog number
4046251	TS35C X

**■ TS36C X**

order number	catalog number
4066825	TS36C X

**■ TS37C X**

order number	catalog number
4066875	TS37C X

See Application Guide on page 2.

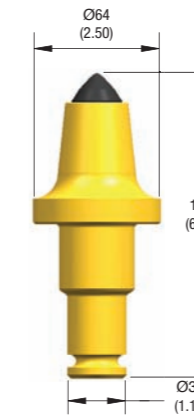
# Gold

## TSCX Series

Trenching Tools 38mm (1.5")/30mm (1.18")

Dimensions below are shown in millimeters and (inches).

### 3.0 Gage



**■ TS7C X**

order number	catalog number
4082888	TS7C X

**■ TS19C X**

order number	catalog number
4066765	TS19C X

**■ TS31C X**

order number	catalog number
4066872	TS31C X

**■ TS30C X**

order number	catalog number
4050638	TS30C X

**■ TS32C X**

order number	catalog number
4066821	TS32C X

**■ TS39C X**

order number	catalog number
4066877	TS39C X

See Application Guide on page 2.

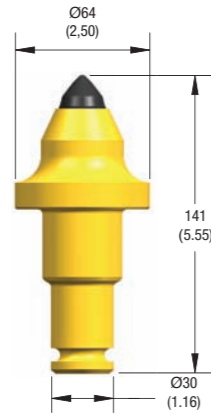
# Gold

## TSCX Series

Trenching Tools 38mm (1.5")/30mm (1.18")

Dimensions below are shown in millimeters and (inches).

### 2.5 Gage



■ **TS5C X**

order number	catalog number
4009193	TS5C X

■ **TS14C X**

order number	catalog number
4082890	TS14C X

■ **TS34C X**

order number	catalog number
4082891	TS34C X

■ **TS33C X**

order number	catalog number
4009196	TS33C X

■ **TS40C X**

order number	catalog number
4009198	TS40C X

■ **TS38C X**

order number	catalog number
3555397	TS38C X

■ **TS41C X**

order number	catalog number
4066869	TS41C X

See Application Guide on page 2.

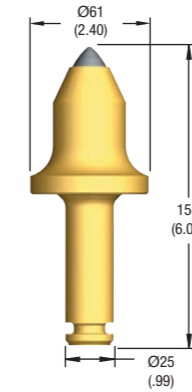
# Gold

## TX Series

Trenching Tools 25mm (1")

Dimensions below are shown in millimeters and (inches).

### 3.0 Gage



■ **T7 X**

order number	catalog number
4065448	T7 X

■ **T16 X**

order number	catalog number
4065494	T16 X

■ **T18 X**

order number	catalog number
4065497	T18 X

See Application Guide on page 2.

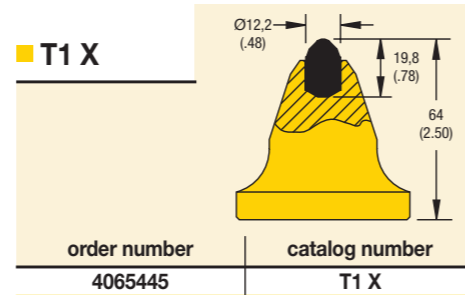
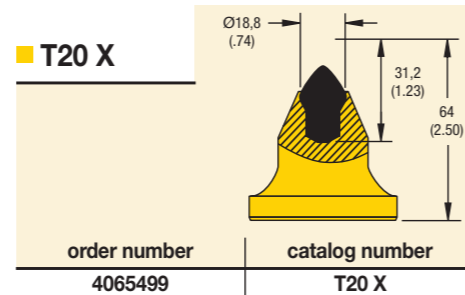
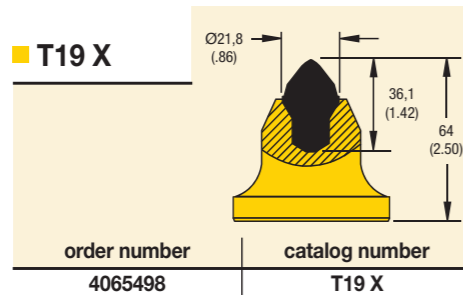
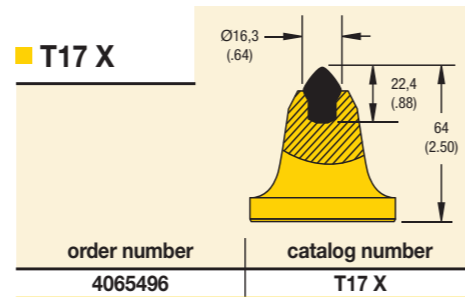
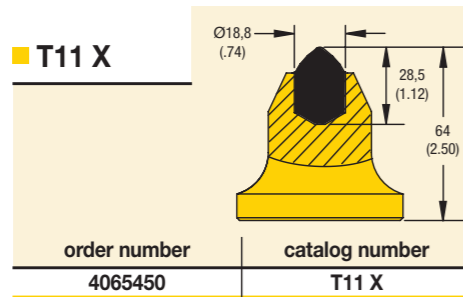
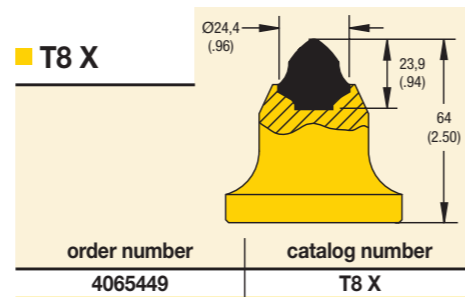
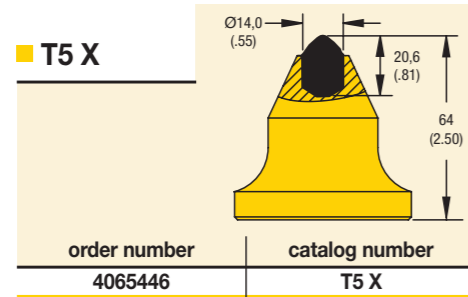
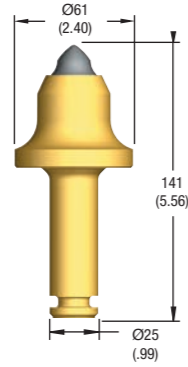
# Gold

## TX Series

Trenching Tools 25mm (1")

Dimensions below are shown in millimeters and (inches).

### 2.5 Gage

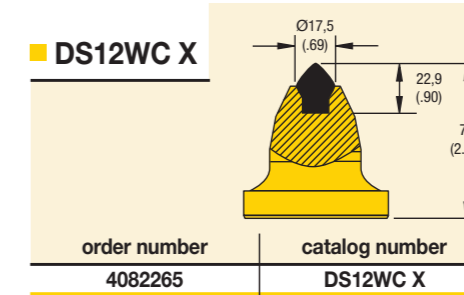
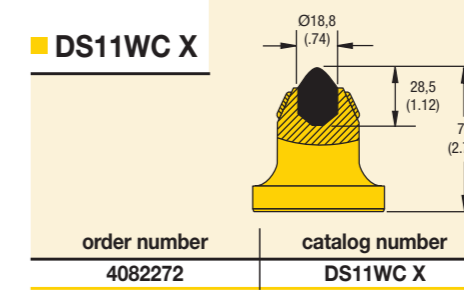
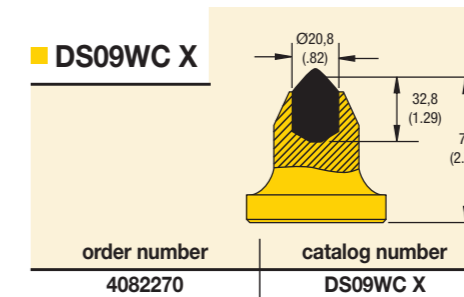
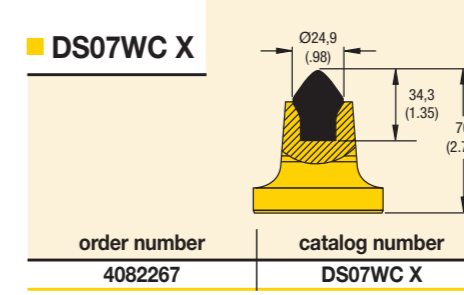
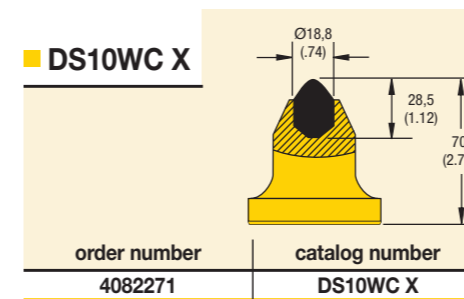
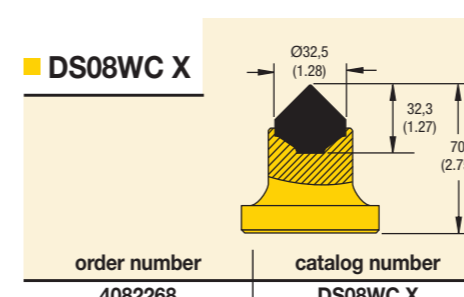
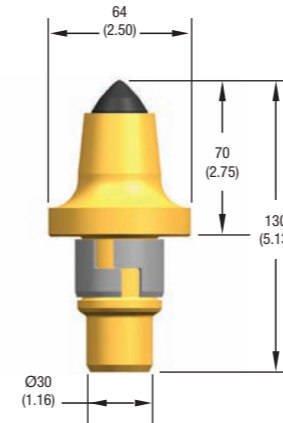


# Gold

## DSWCX Series

Foundation Drilling Tools

Dimensions below are shown in millimeters and (inches).



See Application Guide on page 2

For customer service or to place an order contact:

**Argentina**  
Phone: 54.011.4719.0700  
Fax: 54.011.4719.6116

**Australia/New Zealand**  
Phone: 61.7.3801.5844  
Fax: 61.7.3801.5826  
sydney.service@kennametal.com

**Brazil/Latin America**  
Phone: 55.19.3936.9200  
Fax: 55.19.3936.9201

**Chile**  
Phone: 56.2.2641177  
Fax: 001.888.442.4964

**China**  
Phone: 86.400.6501.388  
Fax: 86.10.8561.5263

**Germany/European Served Area**  
Phone: 49.6172.737.498  
Fax: 49.6172.737.42.453  
mcs-ag.service@kennametal.com

**India**  
Phone: 91.80.2839.4321  
Phone: 91.80.2219.8444  
Fax: 91.80.2839.1300  
bangalore.information@kennametal.com

**Japan**  
Phone: 81.3.3820.2855  
Fax: 81.3.3820.2800

**Korea**  
Phone: 82.2.2109.6967  
Fax: 82.2.2109.6981

**Malaysia/Indonesia**  
Phone: 6.03.5569.9080  
Fax: 6.03.5569.0080

**Poland/Slovakia/Baltics**  
Phone: 48.32.42.15.888  
Phone: 48.32.42.15.405  
Fax: 48.32.47.89.112

**South Africa/Sub Saharan Area**  
Phone: 27.11397.3540  
Fax: 27.11397.3222

**Thailand/Singapore/Vietnam/Philippines**  
Phone: 66.2642.3455  
Phone: 66.2246.8025.32  
Fax: 66.2641.2736.8

**United States/Canada/Mexico**  
Phone: 800.458.3608  
Fax: 800.521.3319