

## 31PCS INDEXABLE BORING BAR SET

- Features:
- Extreme gloss finish.
  - Utilizes 80° diamond CCMT inserts.
  - Negative 5° end side cutting angle.
  - Bar hardness approx. HRC 45.
  - The insert is securely held with a torx screw to reduce tool slipping.

31pcs/set contains:  
 4pcs indexable boring bars(SCLCR)  
 1pc each of 3/8", 1/2", 5/8" & 3/4".  
 10pcs CCMT 21.5 TiN coated inserts.  
 10pcs CCMT 32.5 TiN coated inserts.  
 4pcs torx screws.  
 2pcs torx wrench.  
 1pc fitted case.



Item: P252-S410 (CCMT)  
 \$316.00/SET

- Features:
- Small hole capacity: minimum of 0.430"
  - Negative 3° end cutting edge for 7° positive triangle TCMT inset
  - Bar is made of heat treated, precision ground alloy steel
  - The insert is securely held with a torx screw to reduce tool slipping.
  - Positive insert allows for heavier cuts

31pcs set contains:  
 4pcs indexable boring bars(STUCR)  
 1pc each of 3/8", 1/2", 5/8" & 3/4".  
 10pcs TiN coated TCMT 21.5 inserts  
 10pcs TiN coated TCMT 32.5 inserts  
 4pcs torx screws  
 2pcs torx wrench  
 1pc fitted case



Item: P252-S412 (TCMT)  
 \$316.00/SET

## SCLCR INDEXABLE BORING BAR

- Feature:
- Extremely fine gloss finish
  - Utilizes 80° diamond CCMT inserts
  - Negative 5° end and side cutting angle
  - Bar hardness approx. HRC 45.
  - Item#0046-0905 to 0909: screw for boring bar



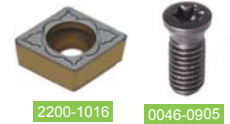
Item	Item Code	Shank	Insert	Insert Screw	Price
P252-S401	S06M-SCLCR2	3/8"	CCMT21.5	M2.5x6	\$33.00/PC
P252-S403	S08Q-SCLCR3	1/2"	CCMT32.5	M4x8	\$38.00/PC
P252-S405	S10R-SCLCR3	5/8"	CCMT32.5	M4x8	\$50.00/PC
P252-S407	S12S-SCLCR3	3/4"	CCMT32.5	M4x10	\$58.00/PC
P252-S408	S16T-SCLCR3	1"	CCMT32.5	M4x10	\$63.00/PC
P252-S409	S16T-SCLCR4	1"	CCMT432	M5x12	\$65.00/PC
P252-S413	S20U-SCLCR4	1-1/4"	CCMT432	M5x12	\$104.00/PC
P252-S415	S24U-SCLCR4	1-1/2"	CCMT432	M5x12	\$146.00/PC

## SCLCR INDEXABLE BORING BAR CUTTING ALUMINUM

Item	Item Code	Shank	Carbide Insert for Aluminum	Insert Screw	Price
P252-S501	S-SCLCR8-3	1/2"	CCGT32.5-AKH01	M4x8	\$38.00/PC
P252-S503	S-SCLCR10-3	5/8"	CCGT32.5-AKH01	M4x8	\$50.00/PC
P252-S505	S-SCLCR12-3	3/4"	CCGT32.5-AKH01	M4x8	\$58.00/PC
P252-S507	S-SCLCR16-3	1"	CCGT32.5-AKH01	M4x8	\$63.00/PC

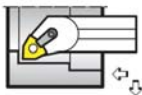
## CARBIDE INSERT CVD COATED, BPS101

Item	Size	Price
2200-1008	CCMT 21.51	\$5.30/PC
2200-1014	CCMT32.51	\$6.10/PC
2200-1016	CCMT32.52	\$6.10/PC
2200-1020	CCMT432	\$7.20/PC



Item	Description	Price
0046-0905	M2.5 x 6 Screw for SCLCR Indexable Boring Bar of P252-S401	\$3.00/PC
0046-0907	M4 x 8 Screw for SCLCR Indexable Boring Bar of P252-S403, P252-S405	\$3.00/PC
0046-0908	M4 x 10 Screw for SCLCR Indexable Boring Bar of P252-S407 & P252-S408	\$3.00/PC
0046-0909	M5 x 12 Screw for SCLCR Indexable Boring Bar of P252-S409, P252-S413 & P252-S415	\$3.00/PC

## S-MWLN HEAVY-DUTY BORING BAR (OXIDE BODY)



## CARBIDE INSERT CVD COATED, BPS101

Item	Size	Price
2233-1018	WNMG332	\$6.70/PC
2233-1022	WNMG432	\$7.20/PC



Right Hand Item	Left Hand Item	Item Code	Shank (D)	Oal (L)	F	Insert	Insert screw	Price
0028-1969	0028-1774	S12S-MWLN R/L-4	3/4"	10"	1"	WNMG43	ZX613	\$69.00/PC
0028-1970	0028-1973	S16T-MWLN R/L-4	1"	12"	1-1/4"	WNMG43	ZX613	\$84.00/PC
0028-1971	0028-1974	S20U-MWLN R/L-4	1-1/4"	14"	1-1/2"	WNMG43	ZX617	\$118.00/PC
0028-1972	0028-1976	S24U-MWLN R/L-4	1-1/2"	14"	2"	WNMG43	ZX617	\$155.00/PC

## 90 DEGREE, INDEXABLE BORING BAR SET (Round Shank)

- Features:
- Round shank allows the operator to set positive or negative rake
  - Chip breaker eliminates long stringer chips
  - A new cutting edge may be presented by simply indexing the insert
  - It is not necessary to remove tool from chuck or tool post
  - Screw down style
  - Positive rake 90° lead
  - C6 grade: carbide for steel and alloy steel
  - 1/4" I.C. carbide insert fits all bars
  - Radius: 1/64"
  - Key: T8



NOT SOLD SEPARATELY

Item	Shank Dia	Oal	Bore Depth	Min Bore	Insert	Insert Screw
2627-3020	1/2"	2-3/4"	1-1/4"	7/16"	TCMT21.5	M2.5x6
2627-3022	1/2"	3-5/8"	2-1/8"	7/16"	TCMT21.5	M2.5x6
2627-3024	1/2"	3"	1-1/2"	1/2"	TCMT21.5	M2.5x6
2627-3026	1/2"	4"	2-1/2"	1/2"	TCMT21.5	M2.5x6
2627-3028	5/8"	3"	1-1/4"	7/16"	TCMT21.5	M2.5x6
2627-3030	5/8"	3-7/8"	2-1/8"	7/16"	TCMT21.5	M2.5x6
2627-3032	5/8"	3-1/4"	1-1/2"	1/2"	TCMT21.5	M2.5x6
2627-3034	5/8"	4-1/4"	2-1/2"	1/2"	TCMT21.5	M2.5x6
2627-3036	5/8"	3-1/2"	1-3/4"	9/16"	TCMT22	M2.5x6
2627-3038	5/8"	4-5/8"	2-7/8"	9/16"	TCMT22	M2.5x6
2627-3040	3/4"	3-3/8"	1-3/8"	7/16"	TCMT21.5	M2.5x6
2627-3042	3/4"	4-1/4"	2-1/4"	7/16"	TCMT21.5	M2.5x6
2627-3044	3/4"	3-5/8"	1-5/8"	1/2"	TCMT21.5	M2.5x6
2627-3046	3/4"	4-5/8"	2-5/8"	1/2"	TCMT21.5	M2.5x6
2627-3048	3/4"	3-7/8"	1-7/8"	9/16"	TCMT22	M2.5x6
2627-3050	3/4"	5"	3"	9/16"	TCMT22	M2.5x6
2627-3052	3/4"	4-1/2"	2-1/4"	11/16"	TCMT22	M2.5x6
2627-3054	3/4"	5-1/2"	3-1/2"	11/16"	TCMT22	M2.5x6



SET INCLUDES: C6 grade carbide insert, wrench and aluminum box

### REPLACEMENT CARBIDE INSERTS

Item	Insert	Grade	I.C	Radius	Coated	Price
2124-1028	TCMT21.51	C6	1/4"	0.015"	TiN Coated	\$6.00/PC
2224-0193	TCMT221	C6	1/4"	0.015"	TiN Coated	\$5.80/PC

Item	Shank	Piece per Set	Price
2627-9104	1/2"	4	\$129.00/SET
2627-9106	5/8"	6	\$190.00/SET
2627-9108	3/4"	8	\$280.00/SET