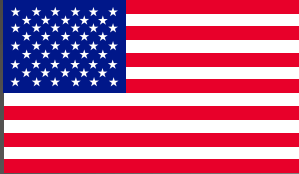


# NTM Inc.

ONE STOP TOOLING AND MACHINE SHOP

## 2023 Product & Services Catalog



Made in the USA



Precision Production Machining  
page 2



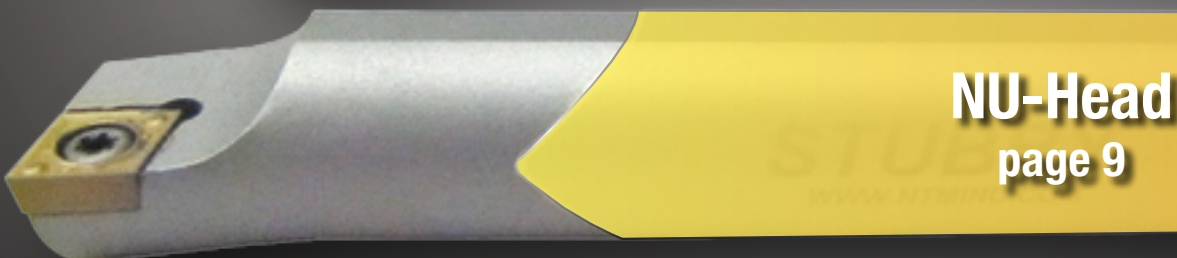
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page 9

NTM, Inc.  
151 Longfellow Street N.E.  
Minneapolis, MN 55432  
Phone: 763-780-1420 | 800-274-4686  
Email: [sales@ntminc.com](mailto:sales@ntminc.com)  
[www.ntminc.com](http://www.ntminc.com)



## PRODUCTION MACHINING CAPABILITIES STATEMENT

"NTM was started by my dad, Bob Thielen in 1976 to not only start his own business, but to become a niche machining company that supported national defense programs. He worked in the shop every day and grew the company to be a well-respected shop, now with our own product line of cutting tools. As a certified woman owned business, my goal continues to be the same. We continue to support DoD, holding an excellent supplier rating from our customers."

~ Barb Dorumsgaard, President

### PRECISION MACHINING CORE COMPETENCIES

#### • Production CNC Milling

- Up to 60" of "X" travel (left to right)
- Up to 29" of "Y" travel (front to back)
- Up to 25" of "Z" travel (up and down)

#### • Production CNC Turning

- Live tooling lathe capability with sub spindle and bar feeder
  - ◆ Size of chuck (main spindle) 8"
  - ◆ Size of chuck (sub spindle) 6.5"
  - ◆ Max Bar stock dia. 2.6"
  - ◆ Max Bar length 36"
  - ◆ Max Turn length 20.47"

### EQUIPMENT LIST – 25,000 Square Feet of Production Area

- CNC Mitsubishi Machining Centers
- YCM NXV1680B High Performance Vertical Machining Center
- OKK VM7III
- Daewoo DMV-500
- Doosan Puma 2100SY -  
Live Tooling Lathe sub spindle w/bar feeder
- Daewoo Puma 8S Lathe
- Mitsubishi MTC8A lathe
- (2) HAAS VF-1 Mills
- HAAS VF-2

**NTM line of OEM Stubby® Indexable cutting tools  
can be found on our website  
<https://www.ntminc.com>**

### OUR QUALITY POLICY

NTM is committed to comply with customer requirements and to provide on-time quality products through continuous improvement of our processes.

Cage Code: 3W356

DUNS #071783401

NAICS Codes:

332710 Machine Shops

332721 Precision Turned Product

333515 Cutting Tool & Machine Tool Mfg.

### CERTIFICATIONS

ISO 9001:2015

WOSB Cert. # WOSB181051

WBENC Cert. # WBE1801244

### PAST PERFORMANCE:

- Vendor for defense for 40 years
- BAE Gold Star Rating 2020
- BAE Gold Supplier of the Year Award 2021 & 2022
  - ◆ Outstanding Quality
  - ◆ Outstanding On-Time Delivery



Made in USA



## Products & Services

### NTM Contacts

Main Number **(763) 780-1420**

**John Ashe** [johna@ntminc.com](mailto:johna@ntminc.com) # 210  
Custom Tool Grinding, Sharpening,  
and Boring Bars Production

**Lisa Stumpf** [lisas@ntminc.com](mailto:lisas@ntminc.com) # 212  
Accounts Receivable, V-Blocks, Customer Service

**Todd Robyn** [toddr@ntminc.com](mailto:toddr@ntminc.com) # 205  
Stubby Bars, NU-Head Department,  
Tool Design and Quoting

**Keith Pickett** [keithp@ntminc.com](mailto:keithp@ntminc.com) # 204  
CNC Machining Department

**Byron Grinager** [byrong@ntminc.com](mailto:byrong@ntminc.com) # 213  
Shipping Department

**Eddie Engesether** [eddiee@ntminc.com](mailto:eddiee@ntminc.com) # 209  
Quality Department

**Vickie Parks** [vickiep@ntminc.com](mailto:vickiep@ntminc.com) # 202  
Business Development

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# CUSTOM TOOL GRINDING CAPABILITIES STATEMENT

NTM Inc., One Stop Tooling and Machine Shop, for over 40 years NTM has served customers with custom tool grinding, from making tools of every shape and form to re-sharpening them back to new again. Serving OEM's with tooling from the grinding department, Stubby® indexable tooling, indexable NU tool, indexable tool repair and having a precision machining department we are still the One Stop Tooling and Machine Shop our customers count on for solutions. A certified WOSB and ISO 9001:2015 and ITAR registered we are here in the heart of friendly Fridley, Minnesota serving the manufacturing community locally and nationwide.

## CORE COMPETENCIES:

- Versatility and Innovation
- If you can dream up a tool we can make it!
  - Solid Carbide
  - Coolant Thru Carbide
  - Carbide Tipped
  - HSS
  - Special Coatings Available
- High Volume Lights out Manufacturing
- Precision Manual Grinding
- Home of the Magnetic V-Block .0002 total tolerance, parallel and perpendicular
- Tool and Cutter Grinder Machinists with 50 years combined experience

## GRINDING EQUIPMENT LIST:

- (3) Walter Power 500 5 axis tool and cutter grinders
  - (2) with loaders
- (1) ANCA TG7 5 axis grinder
- (1) ANCA RGX 5 axis grinder
- (1) TruTech Revolution CNC Centerless Grinder
- (1) TruTech T23X CNC OD Grinder 10" X 20" length
- (3) Okamoto 12"X24" Surface Grinders
- (6) Cincinnati Monoset Tool and Cutter Grinders
- (3) Cincinnati #2 Universal Grinders
- (3) Makino Universal Grinders
- (1) Hybco Cam Relief Grinder
- (2) Sheffield Microform Grinders

## OUR QUALITY POLICY

NTM is committed to comply with customer requirements and to provide on-time quality products through continuous improvement of our processes.



**DUNS #071783401**

**NAICS Codes:**

332710 Machine Shops

332721 Precision Turned Product

333515 Cutting Tool & Machine Tool Mfg.

**ITAR Registrant**

## CERTIFICATIONS

ISO 9001:2015

WOSB Cert. # WOSB181051

WBENC Cert. # WBE1801244

## PAST PERFORMANCE:

- Vendor for Lake City Army Ammunition Plant over 30 years providing cutters and bunters
- Tooling Supplier for OEM's for over 40 years
- Outstanding Quality
- Outstanding On-Time Delivery



**Made in USA**



# NTM SHARPENING CAPABILITIES

- Carbide and HSS End Mills
- Rougher End Mills
  - Carbide, HSS and Powdered Metal Drills
- Countersinks
- Uni-Bits
- Gundrills
- Threadmills
- Engraving Tools
- Dead Centers
- Reamers
- Center Drills
- Keyway / Woodruff Cutters
- Spot Drills
- Corner Rounds
- Counterbores / Spotfacers
- Spade Drill Inserts
- Slitting Saws
- Taps
- Shapers
- Milling Cutters



NTM also makes and sharpens all types of special tooling in Solid Carbide, Carbide Tipped and HSS.

# ULTRA PRECISION MAGNETIC V-BLOCKS



Part Number	Holding Capacity
41101-90	.030" Ø - .625" Ø
41102-90	.062" Ø - 1.250" Ø

- Case hardened
- All surfaces ground parallel and perpendicular to one another within .0002" total tolerance
- Most accurate way to check small parts, frequently used in the medical industry
- Matched Sets are available upon request

# STUBBY® BORING BARS



- Shorter Shanks
- Shorter Flute Lengths
- Greater Rigidity
- Longer Insert Life
- Higher Production Rates

## Introducing **STUBBY® KITS**

Our Most Popular **STUBBY®** Catalog  
Boring Bars with Inserts  
in a Convenient Kit

One Bar + 5 Inserts - 40% Savings on Inserts

\*\*Inserts listed are also available for purchase in 5pcs quantities at list price.



# THE STUBBY® ADVANTAGE

## Stubby® Boring Bars:

- Patented Chisel Cut: "V" adaptation for steel head to carbide shank fit
- "V" allows more surface to braze joint
- The flat surface of the "V" allows gases of the brazing application to escape making the steel to carbide braze a stronger bond
- Offered in solid and coolant through
- Over 150 styles and sizes of heads carried in stock





## NU-Head™

### Replacement Head System for Carbide Shank Boring Bars

- Damaged Carbide Indexable Boring Bars Repaired for Half the Price of New!
- 5/16" and up
- 150 Different Sizes and Styles of Heads in Stock





# WE OFFER SAME DAY SHIPPING!

Did you know NTM Inc. offers SAME DAY SHIPPING for all Carbide Boring Bars listed in our Catalog? Order a Standard STUBBY® carbide boring bar by 1PM\* central time and we can ship it out the Same Day.

## Notes

- *Orders for bars with changes to bar length, number of flats, or any other dimension will not qualify for Same Day Shipping.*
- *Maximum order size \$1000 to be eligible for Same Day Shipping.*
- *Same Day shipping is limited to US addresses only.*



*\*Ø5/8" and up need to be ordered by 10:30 AM central time for guaranteed Same Day shipping.*

Bar Type
C Solid Carbide Bar
D Heavy Metal Bar
E Carbide Bar w / Coolant

Bar Ø & Length		
03	3/16" Ø	4.50 OAL
04	1/4" Ø	4.50 OAL
05	5/16" Ø	4.50 OAL
06	3/8" Ø	4.75 OAL
08	1/2" Ø	5.00 OAL
10	5/8" Ø	7.00 OAL
12	3/4" Ø	7.00 OAL
16	1.0" Ø	7.00 OAL

Lead Angle
F 0°
L -5°
U -3°
J -2°

**C 1 2 - S C L C R 3**

Insert Clamping
M MultiClamp
N TopNotchClamp
S ScrewDown
C TopClamp

Insert
C 80° Diamond
D 55° Diamond
T 60° Triangle
V 35° Diamond
W 80° Trigon

Insert Clearance Angle
C 7°
N 0°
P 11°
O Specific Description

Bar Cut
L Left Hand
R Right Hand

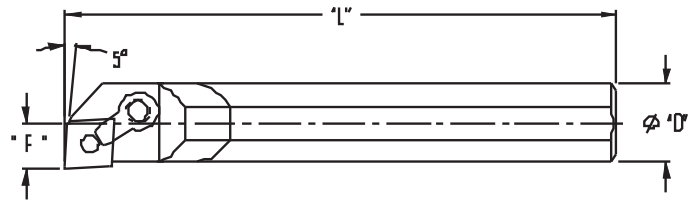
Insert Size
1.5 .187 IC
1.8 .218 IC
2 .250
3 .375 IC
4 .500 IC

# STUBBY®

## Carbide Boring Bars

### MCLN

\*Boring & Facing  
\*Uses CNMG insert



carbide shank

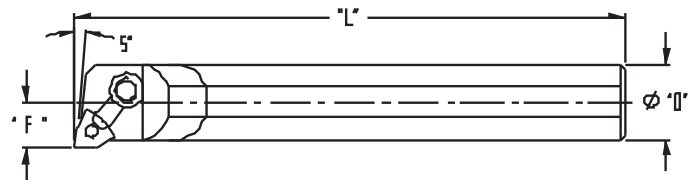
Catalog Number	Shank Dia.	L	F	Min. Bore	Clamp/Screw	Cam Screw	Insert
C16-MCLNR/L-4	1	7"	0.625	1.135	CK-20/STC-11	NL-44	CNMG-432

"R" for right hand bar  
"L" for left hand bar

"C" for solid shank  
"E" for coolant thru

### MWLN

\*Boring & Facing  
\*Uses WNMG insert



carbide shank

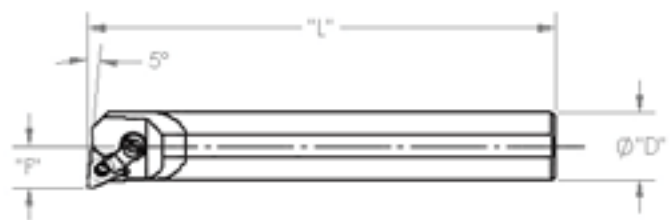
Catalog Number	Shank Dia.	L	F	Min. Bore	Clamp/Screw	Cam Screw	Insert
C10-MWLN-3	0.625	7"	0.44	0.76	CK-5/STC-5	NL-33	WNMG-322
C12-MWLN/L-3	0.75	7"	0.50	0.885	CK-6/STC-5	NL-33	WNMG-322
C12-MWLN-33	0.75	7"	0.50	0.885	CK-7/STC-9	NL-33L	WNMG-332
C16-MWLN/L-3	1	7"	0.625	1.135	CK-6/STC-5	NL-33	WNMG-322
C16-MWLN-4	1	7"	0.625	1.135	CK-20/STC-11	NL-44	WNMG-432

"R" for right hand bar  
"L" for left hand bar

"C" for solid shank  
"E" for coolant thru

### MTLN

\*Boring & Facing  
\*Uses TNGA insert



carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Clamp/Screw	Cam Screw	Insert
C16-MTLNR-3	1	7"	0.625	1.135	CK-7/STC-9	NL-33L	TNGA-332

"R" for right hand bar  
"L" for left hand bar

"C" for solid shank  
"E" for coolant thru

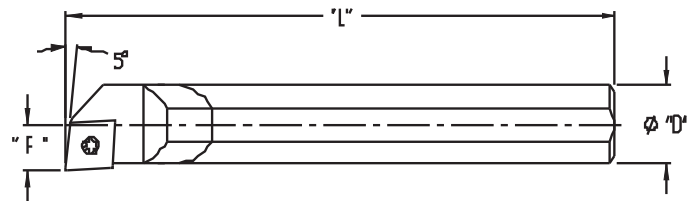
\*Heavy metal shanks available, please call for quote\*  
1-800-274-4686

# STUBBY®

## Carbide Boring Bars

### SCLP

\*Boring & Facing  
\*Uses CPMT insert



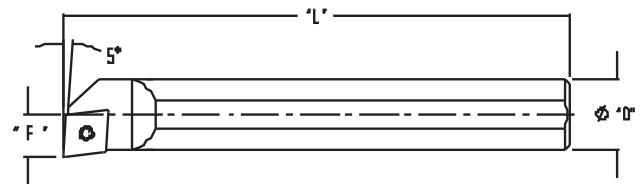
carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Insert Screw	Insert
C05-SCLPR/L-1.8	0.312	4-1/2"	0.219	0.385	MS-1152	CPMT-1.81.51
C05-SCLPR/L-2	0.312	4-1/2"	0.219	0.385	MS-1153	CPMT-21.51
C06-SCLPR/L-2	0.375	4-3/4"	0.25	0.447	MS-1153	CPMT-21.51
C08-SCLPR/L-2	0.5	5"	0.312	0.572	MS-1153	CPMT-21.51
C08-SCLPR/L-3	0.5	5"	0.312	0.572	MS-1155	CPMT-32.52
C10-SCLPR/L-2	0.625	7"	0.406	0.728	MS-1153	CPMT-21.51
C10-SCLPR/L-3	0.625	7"	0.406	0.728	MS-1155	CPMT-32.52
C12-SCLPR/L-3	0.75	7"	0.5	0.885	MS-1155	CPMT-32.52
C16-SCLPR/L-3	1	7"	0.625	1.135	MS-1155	CPMT-32.52

↑ "C" for solid shank  
↑ "E" for coolant thru  
↑ "R" for right hand bar  
↑ "L" for left hand bar

### SCLC

\*Boring & Facing  
\*Uses CCMT insert



carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Insert Screw	Insert
C05-SCLCR/L-2	0.312	4-1/2"	0.219	0.385	5513-020-03	CCMT-21.51
C06-SCLCR/L-2	0.375	4-3/4"	0.25	0.447	5513-020-03	CCMT-21.51
C08-SCLCR/L-2	0.5	5"	0.312	0.572	5513-020-03	CCMT-21.51
C08-SCLCR/L-3	0.5	5"	0.312	0.572	5513-020-09	CCMT-32.52
C10-SCLCR/L-2	0.625	7"	0.406	0.728	5513-020-03	CCMT-21.51
C10-SCLCR/L-3	0.625	7"	0.406	0.728	5513-020-09	CCMT-32.52
C12-SCLCR/L-3	0.75	7"	0.5	0.885	5513-020-09	CCMT-32.52
C16-SCLCR/L-3	1	7"	0.625	1.135	5513-020-09	CCMT-32.52
C16-SCLCR/L-4	1	7"	0.641	1.15	5513-020-17	CCMT-432

↑ "C" for solid shank  
↑ "E" for coolant thru  
↑ "R" for right hand bar  
↑ "L" for left hand bar  
\*Heavy metal shanks available, please call for quote\*  
1-800-274-4686



Made in USA

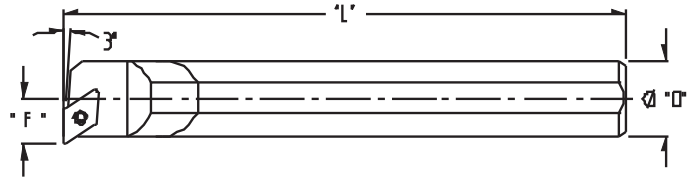


# STUBBY®

## Carbide Boring Bars

### SDUP

\*Boring & Facing  
\*Uses DPMT insert



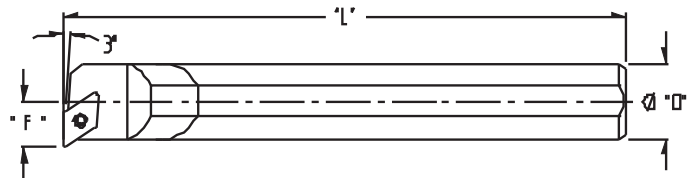
carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Insert Screw	Insert
C06-SDUPR/L-2	0.375	4-3/4"	0.375	0.572	MS-1153	DPMT-21.51
C08-SDUPR/L-2	0.5	5"	0.437	0.697	MS-1153	DPMT-21.51
C10-SDUPR/L-2	0.625	7"	0.5	0.822	MS-1153	DPMT-21.51
C12-SDUPR/L-3	0.75	7"	0.562	0.947	MS-1155	DPMT-32.52

↑  
↑  
"R" for right hand bar  
"L" for left hand bar  
"C" for solid shank  
"E" for coolant thru

### SDUC

\*Boring & Facing  
\*Uses DCMT insert



carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Insert Screw	Insert
C06-SDUCR/L-2	0.375	4-3/4"	0.375	0.572	5513-020-03	DCMT-21.51
C08-SDUCR/L-2	0.5	5"	0.437	0.697	5513-020-03	DCMT-21.51
C10-SDUCR/L-2	0.625	7"	0.5	0.822	5513-020-03	DCMT-21.51
C12-SDUCR/L-3	0.75	7"	0.625	1.01	5513-020-09	DCMT-32.52

↑  
↑  
"R" for right hand bar  
"L" for left hand bar  
"C" for solid shank  
"E" for coolant thru

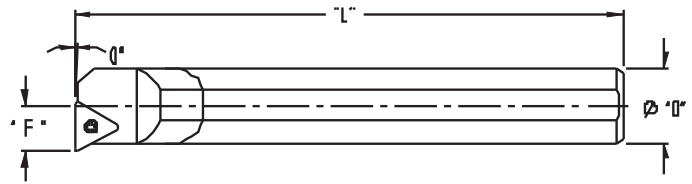
\*Heavy metal shanks available, please call for quote\*  
1-800-274-4686

# STUBBY®

## Carbide Boring Bars

### STFC

\*Boring & Facing  
\*Uses TCMT insert



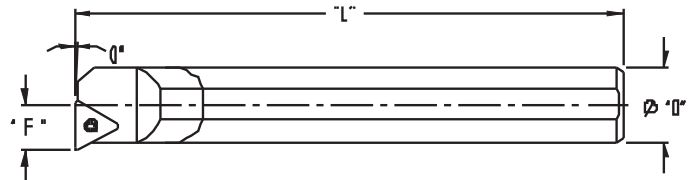
carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Insert Screw	Insert
C06-STFCR/L-2	0.375	4-3/4"	0.25	0.447	5513-020-03	TCMT-21.51
C08-STFCR/L-2	0.5	5"	0.312	0.572	5513-020-03	TCMT-21.51
C10-STFCR/L-2	0.625	7"	0.406	0.728	5513-020-03	TCMT-21.51
C12-STFCR/L-2	0.75	7"	0.5	0.885	5513-020-03	TCMT-21.51
C12-STFCR/L-3	0.75	7"	0.5	0.885	5513-020-09	TCMT-32.52

↑  
↑  
"R" for right hand bar  
"L" for left hand bar  
"C" for solid shank  
"E" for coolant thru

### STFP

\*Boring & Facing  
\*Uses TPMT insert



carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Insert Screw	Insert
C06-STFPR/L-2	0.375	4-3/4"	0.25	0.447	MS-1153	TPMT-21.51
C08-STFPR/L-2	0.5	5"	0.312	0.572	MS-1153	TPMT-21.51
C10-STFPR/L-2	0.625	7"	0.406	0.728	MS-1153	TPMT-21.51
C12-STFPR/L-3	0.75	7"	0.5	0.885	MS-1155	TPMT-32.52

↑  
↑  
"R" for right hand bar  
"L" for left hand bar  
"C" for solid shank  
"E" for coolant thru

\*Heavy metal shanks available, please call for quote\*  
1-800-274-4686



Made in USA

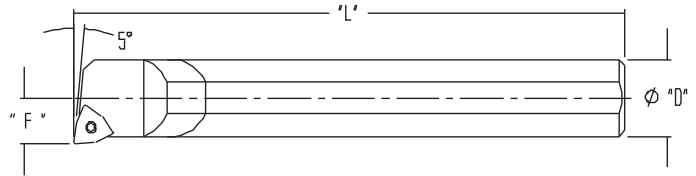


# STUBBY®

## Carbide Boring Bars

### SWLP

\*Boring & Facing  
\*Uses WPMT insert



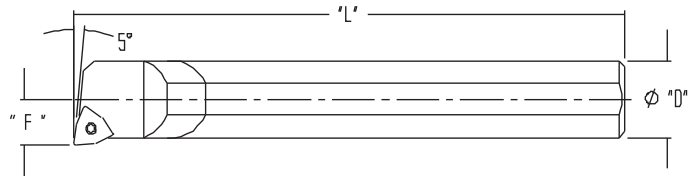
carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Insert Screw	Insert
C03-SWLPR/L-1.5*	0.187	4-1/2"	0.126	0.229	MS-1438	WPMT-1.51.21
C04-SWLPR/L-1.5	0.25	4-1/2"	0.156	0.291	MS-1438	WPMT-1.51.21
C05-SWLPR/L-1.5	0.312	4-1/2"	0.219	0.385	MS-1438	WPMT-1.51.21
C06-SWLPR/L-2	0.375	4-3/4"	0.25	0.447	MS-1153	WPMT-21.51
C08-SWLPR-2	0.5	5"	0.312	0.572	MS-1153	WPMT-21.51
C10-SWLPR-3	0.625	7"	0.406	0.728	MS-1155	WPMT-32.52
C12-SWLPR-3	0.75	7"	0.5	0.885	MS-1155	WPMT-32.52

↑ "R" for right hand bar  
↑ "L" for left hand bar  
↑ "C" for solid shank  
↑ "E" for coolant thru

### SWLO

\*Boring & Facing  
\*Uses WCMT insert



carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Insert Screw	Insert
CSWLOR 055*	0.187	4-1/2"	0.114	0.217	TS-21	WCMT 1.21
CSWLOR 065	0.25	4-1/2"	0.156	0.291	TS-2	WCMT 1.21
CSWLOR 066	0.312	4-1/2"	0.188	0.354	TS-2	WCMT 1.51.5
CSWLO504R	0.312	4-1/2"	0.203	0.369	TS-25	WCMT 21.51
CSWLOR 070	0.375	4-3/4"	0.218	0.416	TS-25	WCMT 21.51
CSWLOR 062	0.375	4-3/4"	0.25	0.447	TS-25	WCMT 21.51
CSWLOR 082	0.5	5"	0.312	0.572	TS-25	WCMT 21.51
CSWLOR 102	0.625	7"	0.375	0.697	TS-25	WCMT 21.51
CSWLOR 103	0.625	7"	0.375	0.697	TS-4	WCMT 32.52
CSWLOR 123	0.75	7"	0.5	0.885	TS-4	WCMT 32.52

↑ "C" for solid shank  
For coolant thru add  
"C" to the end of the  
part number i.e.  
CSWLOR 123C

\*Heavy metal shanks available, please call for quote\*  
1-800-274-4686

\*Coolant thru not available

\*\*Heavy Metal not available under 3/8"

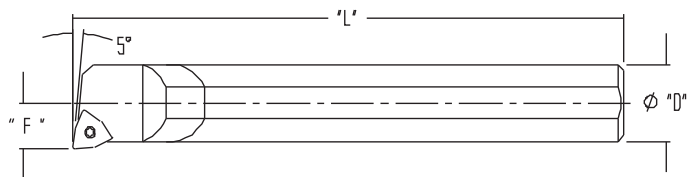


# STUBBY®

## Carbide Boring Bars

### SWLC

\*Boring & Facing  
\*Uses WCMT insert



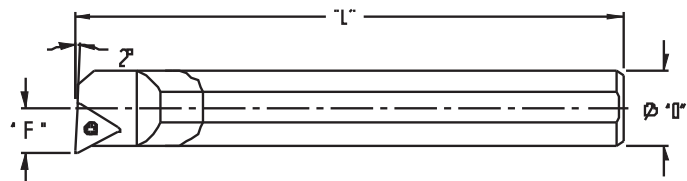
carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Insert Screw	Insert
C03-SWLCR-1.2*	0.187	4-1/2"	0.114	0.217	TS-21	WCMT 1.21
C04-SWLCR-1.2	0.25	4-1/2"	0.156	0.291	TS-2	WCMT 1.21
C05-SWLCR-1.5	0.312	4-1/2"	0.188	0.354	TS-2	WCMT 1.51.5
C05-SWLCR-2	0.312	4-1/2"	0.203	0.369	TS-25	WCMT 21.51
C06-SWLCR-2-218	0.375	4-3/4"	0.218	0.416	TS-25	WCMT 21.51
C06-SWLCR-2	0.375	4-3/4"	0.25	0.447	TS-25	WCMT 21.51
C08-SWLCR-2	0.5	5"	0.312	0.572	TS-25	WCMT 21.51
C10-SWLCR-2	0.625	7"	0.375	0.697	TS-25	WCMT 21.51
C10-SWLCR-3	0.625	7"	0.375	0.697	TS-4	WCMT 32.52
C12-SWLCR-3	0.75	7"	0.5	0.885	TS-4	WCMT 32.52

↑ "R" for right hand bar  
↑ "L" for left hand bar  
↑ "C" for solid shank  
↑ "E" for coolant thru

### STJO

\*Boring & Facing  
\*Uses TPGP insert



carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Insert Screw	Insert
CSTJOR/L 062	0.375	4-3/4"	0.25	0.447	BHF0306R	TPGP-221
CSTJOR/L 082	0.5	5"	0.312	0.572	BHF0308R	TPGP-221
CSTJOR/L 102	0.625	7"	0.375	0.697	BHF0308R	TPGP-221
CSTJOR/L 123	0.75	7"	0.5	0.885	BFTX0410A	TPGP-332

↑ "R" for right hand bar  
↑ "L" for left hand bar  
↑ "C" for solid shank  
For coolant thru add  
"C" to the end of the  
part number i.e.  
CSTJOR 123C

\*Heavy metal shanks available, please call for quote\*  
1-800-274-4686

\*Coolant thru not available

\*\*Heavy Metal not available under 3/8"



Made in USA

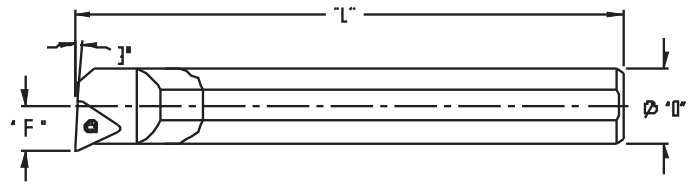


# STUBBY®

## Carbide Boring Bars

### STUP

\*Boring & Facing  
\*Uses TPMT insert



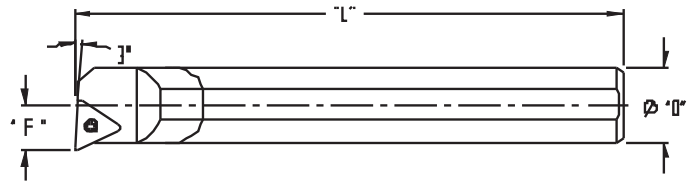
carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Insert Screw	Insert
C06-STUPR/L-2	0.375	4-3/4"	0.25	0.447	MS-1153	TPMT-21.51
C08-STUPR/L-2	0.5	5"	0.312	0.572	MS-1153	TPMT-21.51
C10-STUPR/L-2	0.625	7"	0.406	0.728	MS-1153	TPMT-21.51
C12-STUPR/L-3	0.75	7"	0.5	0.885	MS-1155	TPMT-32.51
C16-STUPR-3	1	7"	0.625	1.135	MS-1155	TPMT-32.52

↑  
↑  
"R" for right hand bar  
"L" for left hand bar  
"C" for solid shank  
"E" for coolant thru

### STUC

\*Boring & Facing  
\*Uses TCMT insert



carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Insert Screw	Insert
C06-STUCR/L-2	0.375	4-3/4"	0.25	0.447	5513-020-03	TCMT-21.51
C08-STUCR/L-2	0.5	5"	0.312	0.572	5513-020-03	TCMT-21.51
C10-STUCR/L-2	0.625	7"	0.406	0.728	5513-020-03	TCMT-21.51
C10-STUCR/L-3	0.625	7"	0.406	0.728	5513-020-09	TCMT-32.51
C12-STUCR/L-2	0.75	7"	0.5	0.885	5513-020-03	TCMT-21.51
C12-STUCR/L-3	0.75	7"	0.5	0.885	5513-020-09	TCMT-32.52
C16-STUCR-3	1	7"	0.625	1.135	5513-020-09	TCMT 32.52

↑  
↑  
"R" for right hand bar  
"L" for left hand bar  
"C" for solid shank  
"E" for coolant thru

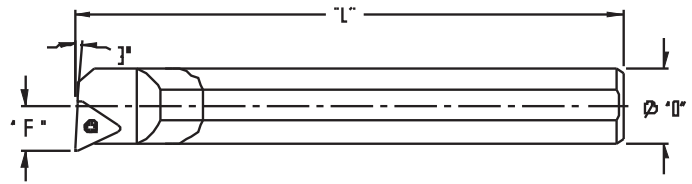
\*Heavy metal shanks available, please call for quote\*  
1-800-274-4686

# STUBBY®

## Carbide Boring Bars

### STUN

\*Boring & Facing  
\*Uses T insert



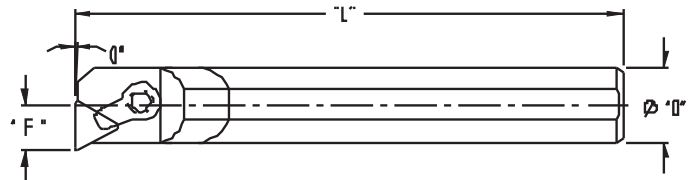
carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Insert Screw	Insert
C06-STUNR/L-2	0.375	4-3/4"	0.25	0.447	S-930	T-221P
C08-STUNR/L-2	0.5	5"	0.312	0.572	S-930	T-221P
C10-STUNR/L-2	0.625	7"	0.406	0.728	S-930	T-221P
C12-STUNR/L-3	0.75	7"	0.5	0.885	S-944	T-321P
C16-STUNR/L-3	1	7"	0.625	1.135	S-944	T-321P

↑ "R" for right hand bar  
↑ "L" for left hand bar  
↑ "C" for solid shank  
↑ "E" for coolant thru

### CTFP

\*Boring & Facing  
\*Uses TPG insert



carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Clamp/Screw	Insert
C08-CTFPR/L-2	0.5	5"	0.312	0.572	CK-27 / STC-27	TPG-221
C10-CTFPR/L-2	0.625	7"	0.406	0.728	CK-19 / STC-9	TPG-221
C12-CTFPR/L-3	0.75	7"	0.5	0.885	CK-7 / STC-9	TPG-322
C16-CTFPR/L-3	1	7"	0.625	1.135	CK-20 / STC-11	TPG-322

↑ "R" for right hand bar  
↑ "L" for left hand bar  
↑ "C" for solid shank  
↑ "E" for coolant thru

\*Uses Separate Chip Breakers\*

\*Heavy metal shanks available, please call for quote\*  
1-800-274-4686



Made in USA

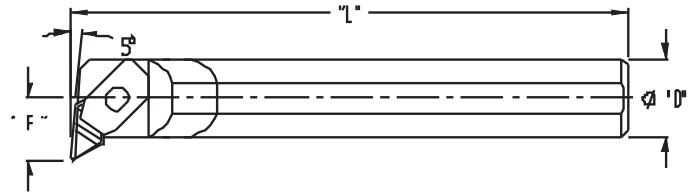


# STUBBY®

## Carbide Boring Bars

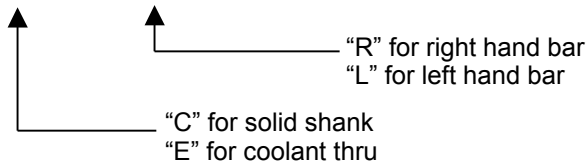
### NELR/NELL

\*PROFILE  
\*Uses NPGR insert



carbide shank

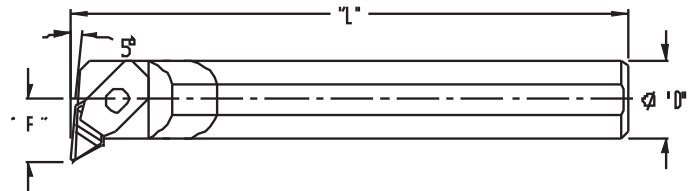
Catalog Number	Shank Dia.	L	F	Min. Bore	Clamp/Screw	Insert
C08-NELL05	0.5	5"	0.375	0.67	CM-105 / S-518	NPGR-51R
C08-NELR05	0.5	5"	0.375	0.67	CM-106 / S-518	NPGR-51L
C10-NELL05	0.625	7"	0.5	0.87	CM-71 / S-524	NPGR-51R
C10-NELR05	0.625	7"	0.5	0.87	CM-79 / S-524	NPGR-51L
C12-NELL05	0.75	7"	0.562	1	CM-68 / S-524	NPGR-51R
C12-NELR05	0.75	7"	0.562	1	CM-68 / S-524	NPGR-51L



\*Left Hand Bars use SM-285 Shim/S-959 Screw  
\*Right Hand Bars use SM-286 Shim/S-959 Screw

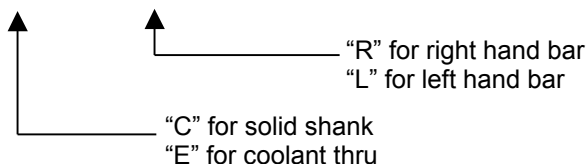
### NKLC

\*PROFIL  
\*Uses NPGR insert



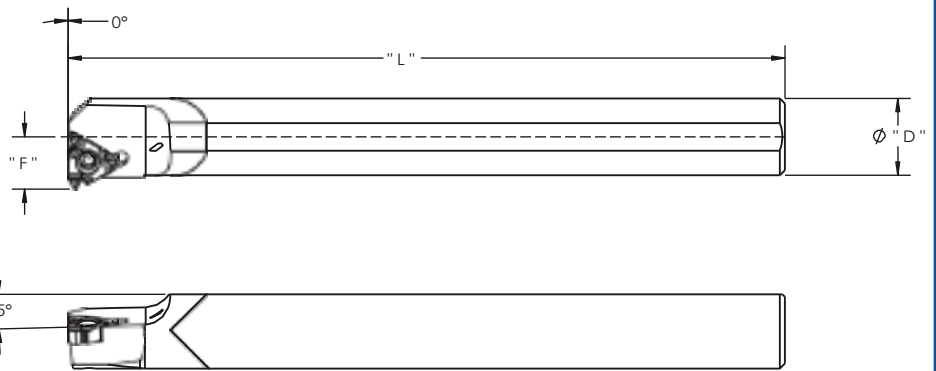
carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Clamp/Screw	Insert
C08-NKLCL05	0.5	5"	0.375	0.67	CM-105 / S-518	NPGR-51R
C08-NKLCR05	0.5	5"	0.375	0.67	CM-106 / S-518	NPGR-51L
C10-NKLCL05	0.625	7"	0.5	0.87	CM-71 / S-524	NPGR-51R
C10-NKLCR05	625	7"	0.5	0.87	CM-79 / S-524	NPGR-51L
C12-NKLCL05	0.75	7"	0.562	1	CM-68 / S-524	NPGR-51R
C12-NKLCR05	0.75	7"	0.562	1	CM-68 / S-524	NPGR-51L



\*Left Hand Bars use SM-285 Shim/S-959 Screw  
\*Right Hand Bars use SM-286 Shim/S-959 Screw

\*Heavy metal shanks available, please call for quote\*  
1-800-274-4686



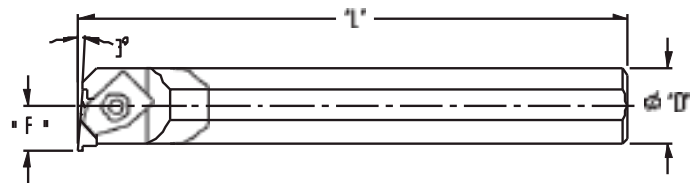
**LSER**  
Laydown Thread  
\*Uses LT16 insert

carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Insert Screw	Insert
C08-LSER-3	0.5	5"	0.39	0.65	MS-1155	LT16
C10-LSER-3	0.625	7"	0.439	0.761	MS-1155	LT16
C12-LSER-3	0.75	7"	0.51	0.895	MS-1155	LT16

↑  
"C" for solid shank  
"E" for coolant thru

**NER/NEL**  
\*Thread & Groove  
\*Uses NG insert



carbide shank

Catalog Number	Shank Dia.	L	F	Min. Bore	Clamp/Screw	Insert
C08-NEL2	0.5	5"	0.437	0.697	CM146/SC-110	NG-2R
C08-NER2	0.5	5"	0.437	0.697	CM147/SC-110	NG-2L
C10-NEL2	0.625	7"	0.5	0.822	CM-74/S-310	NG-2R
C10-NER2	0.625	7"	0.5	0.822	CM-75/S-310	NG-2L
C12-NEL2	0.75	7"	0.562	0.947	CM-74/S-310	NG-2R
C12-NER2	0.75	7"	0.562	0.947	CM-75/S-310	NG-2L

↑ ↑  
"R" for right hand bar  
"L" for left hand bar  
"C" for solid shank  
"E" for coolant thru

\*Heavy metal shanks available, please call for quote\*  
1-800-274-4686





*Cindy Blue and Barb Dorumsgaard  
Operators and Owners*

*Family Owned and Operated since 1976, NTM Inc.  
has been proudly supplying quality products and services  
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**HELPING MANUFACTURERS SUCCEED**

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**NTM PROVIDES THE FINEST CUTTING TOOLS, SERVICES  
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- DEDICATION
- INNOVATION
- LOYALTY
- POSITIVITY
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