

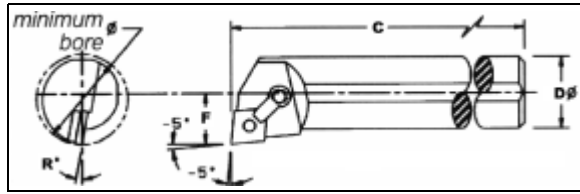
# BIG BORING BARS- SI-MCLNR/L , SI-MDUNR/L, SI-MTFNR/L

**B**



## SI-MCLNR/L

- -5° Side & End Cutting
- Solid Steel
- Negative Rake
- Using CNMG, CNMA & CNM\_ type inserts



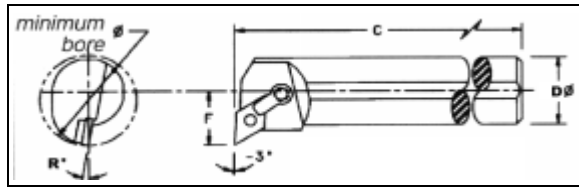
CNMG Inserts on Pages 309-311

Right Hand Model	Left Hand Model	Price	Inserts	Min Bore	C	D	R
SI-MCLNR-164 TH-1805	SI-MCLNL-164 TH-2805	\$143.00	CNMG-43	1.280	12	1	14
SI-MCLNR-204 TH-1810	SI-MCLNL-204 TH-2810	\$150.70	CNMG-43	1.530	14	1-1/4	14
SI-MCLNR-244 TH-1815	SI-MCLNL-244 TH-2815	\$163.90	CNMG-43	1.780	14	1-1/2	14
SI-MCLNR-284 TH-1820	SI-MCLNL-284 TH-2820	\$189.20	CNMG-43	2.030	14	1-3/4	12
SI-MCLNR-325 TH-1825	SI-MCLNL-325 TH-2825	\$199.10	CNMG-54	2.562	16	2	12

EXTRA HARDWARE			
Seat	Lock Pin	Clamp	Clamp Screw
	NL-44 \$1.90	CL-20 \$2.98	XNS-47 \$0.74
ICSN -432 \$2.76	NL-46 \$1.90		
ICSN 533 \$3.38	NL-58 \$1.90	CL-12 \$2.98	XNS-510 \$0.74

## SI-MDUNR/L

- -3° Side Cutting
- Solid Steel
- Negative Rake
- Using DNMG, DNMA & DNG\_ type inserts



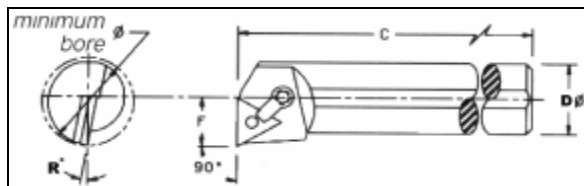
DNMG Inserts on Pages 312-314

Right Hand Model	Left Hand Model	Price	Inserts	Min Bore	C	D	R
SI-MDUNR-204 TH-1830	SI-MDUNL-204 TH-2830	\$153.90	DNMG-43	2.000	14	1 1/4	10
SI-MDUNR-244 TH-1835	SI-MDUNL-244 TH-2835	\$169.29	DNMG-43	2.250	14	1 1/2	10
SI-MDUNR-324 TH-1840	SI-MDUNL-324 TH-2840	\$199.10	DNMG-43	3.000	16	2	10

EXTRA HARDWARE			
Seat	Lock Pin	Clamp	Clamp Screw
IDSN-433 \$2.50	NL-46 \$1.90	CL-20 \$2.98	XNS-59 \$0.74
IDSN-433 \$2.50	NL-46 \$1.90	CL-12 \$2.98	XNS-59 \$0.74
IDSN-433 \$2.50	NL-46 \$1.90	CL-12 \$2.98	XNS-59 \$0.74

## SI-MTFNR/L

- 0° Side Cutting
- Offset Shank
- Negative Rake
- Using TNMG, TNMP, TNG\_ & TNM\_ type inserts



TNMG Inserts on Pages 317-318

Right Hand Model	Left Hand Model	Price	Inserts	Min Bore	C	D	R
SI-MTFNR-163 TH-1925	SI-MTFNL-163 TH-2925	\$143.00	TNMG-33	1.280	12	1	12
SI-MTFNR-203 TH-1930	SI-MTFNL-203 TH-2930	\$150.70	TNMG-33	1.530	14	1 1/4	12
SI-MTFNR-244 TH-1935	SI-MTFNL-244 TH-2935	\$163.90	TNMG-43	2.062	14	1 1/2	10

EXTRA HARDWARE			
Seat	Lock Pin	Clamp	Clamp Screw
	NL-33L \$1.90	CL-7 \$2.98	XNS-35 \$0.74
	NL-33L \$1.90	CL-7 \$2.98	XNS-35 \$0.74
ITSN-433 \$3.10	NL-46 \$1.90	CL-9 \$2.98	XNS-59 \$0.74

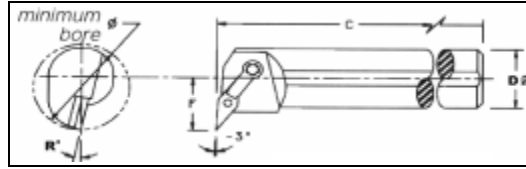
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# BIG BORING BARS-SI-MVUNR/L , SI-MWLNRL, SI-MTUNR/L, SI-MSKNR/L

**B**

## SI-MVUNR/L

- 3° Side Cutting
- Steel Shank
- Negative Rake
- Using VNGA, VNMA, VNMG & VNM\_ type inserts



### EXTRA HARDWARE

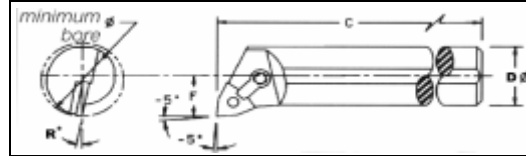
Seat	Lock Pin	Clamp	Clamp Screw
IVSN-324 \$2.24	NL-34L \$1.90	CL-30 \$5.28	XNS-510 \$0.74
IVSN-324 \$2.24	NL-34L \$1.90	CL-30 \$5.28	XNS-510 \$0.74

### VNMG Inserts on Page 320

Right Hand Model	Left Hand Model	Price	Inserts	MIN BORE	C	D	R
SI-MVUNR-203 TH-1860	SI-MVUNL-203 TH-2860	\$161.64	VNMG-33	2.250	14	1 1/4	12
SI-MVUNR-243 TH-1865	SI-MVUNL-243 TH-2865	\$177.02	VNMG-33	2.500	14	1 1/2	12

## SI-MWLNRL

- 5° Side & End Cutting
- Offset Shank Negative Rake
- Using WNGG, WNMA, WNMG type inserts



### EXTRA HARDWARE

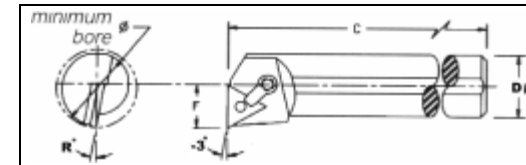
Seat	Lock Pin	Clamp	Clamp Screw
	NL-33L \$1.90	CL-6 \$2.98	XNS-36 \$0.74
	NL-33L \$1.90	CL-6 \$2.98	XNS-36 \$0.74
IWSN-323 \$2.52	NL-34L \$1.90	CL-6 \$2.98	XNS-36 \$0.74
	NL-44 \$1.90	CL-20 \$2.98	XNS-47 \$0.74
IWSN-433 \$3.40	NL-46 \$1.90	CL-20 \$2.98	XNS-47 \$0.74

### WNMG Inserts on Pages 321-322

Right Hand Model	Left Hand Model	Price	Inserts	MIN BORE	C	D	R
SI-MWLNRL-123 TH-1870	SI-MWLNRL-123 TH-2870	\$118.80	WNMG-33	0.930	10	3/4	14
SI-MWLNRL-163 TH-1875	SI-MWLNRL-163 TH-2875	\$143.00	WNMG-33	1.200	12	1	14
SI-MWLNRL-203 TH-1880	SI-MWLNRL-203 TH-2880	\$150.70	WNMG-33	1.470	14	1 1/4	14
SI-MWLNRL-164 TH-1885	SI-MWLNRL-164 TH-2885	\$143.00	WNMG-43	1.280	12	1	14
SI-MWLNRL-204 TH-1890	SI-MWLNRL-204 TH-2890	\$150.70	WNMG-43	1.530	14	1 1/4	14

## SI-MTUNR/L

- 3° End Cutting,
- Solid Steel Bar
- Negative Rake
- Using TNMG, TNMA, TNG\_ & TNM\_ type inserts



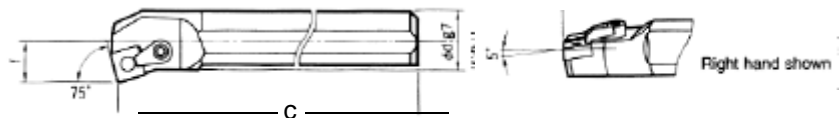
### EXTRA HARDWARE

Seat	Lock Pin	Clamp	Clamp Screw
-	NL-33L \$1.90	CL-7 \$2.98	XNS-35 \$0.74
ITSN-322 \$1.90	NL-34L \$1.90	CL-7 \$2.98	XNS-35 \$0.74
ITSN-432 \$3.10	NL-46 \$1.90	CL-9 \$2.98	XNS-59 \$0.74
ITSN-432 \$3.10	NL-46 \$1.90	CL-9 \$2.98	XNS-59 \$0.74

### TNMG Inserts on Pages 317-318

Right Hand Model	Left Hand Model	Price	Inserts	MIN BORE	C	D	R
S12S-MTUNR-3 TH-1895	S12S-MTUNL-3 TH-2895	\$118.80	TNMG-33	1.000	10	3/4	14
S16T-MTUNR-3 TH-1900	S16T-MTUNL-3 TH-2900	\$143.00	TNMG-33	1.280	12	1	14
S20U-MTUNR-4 TH-1905	S20U-MTUNL-4 TH-2905	\$150.70	TNMG-43	1.530	14	1 1/4	14
S24U-MTUNR-4 TH-1910	S24U-MTUNL-4 TH-2910	\$163.90	TNMG-43	2.060	14	1 1/2	11

## SI-MSKNR/L



### SNMG Inserts on Pages 315-316

Right Hand Model	Inserts	Min Bore	C	D	R	Seat	Lock Pin	Clamp	Clamp Screw	Seat Screw
TO-MSKNR-204 227.62	SNMG-43	1.53	14	1 1/4	-	ISSN-433 \$0.00	NL-46 \$1.90	TC-310 \$0.00	S-46 \$0.00	S-46 \$0.00
TO-MSKNR-244 251.18	SNMG-43	1.78	14	1 1/2	-	ISSN-433 \$1.90	NL-46 \$1.90	TC-310 \$0.00	S-46 \$0.00	S-46 \$0.00

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