

Product Brochure For L039

## MWLNr-2020-K08W - Right Hand Turning Tool Holder

20mm Tool Height

Insert tip not included

**On Sale**

Ex GST

~~\$88.00~~

**\$73.91**

Inc GST

~~\$101.20~~

**\$85.00**



ORDER CODE:	L039
Size (mm):	20
Hand Type:	Right
Style:	MWLNr
A (mm):	20
B (mm):	20
C (mm):	125
E (mm):	-
F (mm):	25



### Description

NOTE: Inserts not included with tool holders

Use insert WNMG 080408 (L053)

### Features

- Negative rake turning tool holder suitable for turning and facing
- Suitable for rapid metal removal

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**SETTING THE SPINDLE SPEED**

To calculate the correct speed the following metric formula can be used

$$RPM = \frac{1000 \times \text{Surface speed in Metres per Minute}}{3.14 \times \text{Diameter in millimetres}}$$

Material	Approximate surface speeds for carbide tools	
	Roughing	Finishing
Mild Steel	50	80
Cast Iron	40	60
Aluminium	80	100
Stainless Steel	40	50

**Example 1.**

20mm Mild Steel bar to be rough machined

$$RPM = \frac{1000 \times 50}{3.14 \times 20mm} = \frac{50000}{62.8} = 796rpm$$

**Example 2.**

20mm Mild Steel bar to be finished machined

$$RPM = \frac{1000 \times 80}{3.14 \times 20mm} = \frac{80000}{62.8} = 1273rpm$$

- Set the spindle speed to the closest speed to the RPM calculated
- If in doubt then set a speed slower than the calculated speed

**SETTING THE TOOL ON CENTRE**

For the tool to cut correctly it needs to be set on centre. This can be best achieved by placing a centre in the tailstock and packing the tool until the tool is on centre.

Correct centre height



Incorrect centre height



**Specific Features**



Close Up



Shown with insert sold separately

Product Brochure For L039

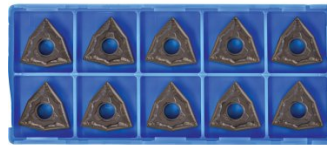
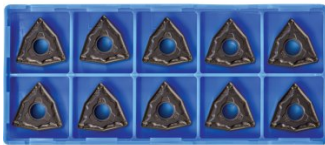
**Recommended Accessories**

L053  
KYOCERA Carbide Inserts -  
Turning

L0534  
KYOCERA Carbide Inserts -  
Turning

L0538  
KYOCERA Carbide Inserts -  
Turning

L513  
Seat to Suit Turning Tool  
Holders



L514  
Pin to Suit Turning Tool Holders

L515  
Clamp to Suit Turning Tool  
Holders

L516  
Clamp Screw to Suit Turning  
Tool Holders

L450  
Lathe Turning Tool Kit - 3 piece  
Insert Type

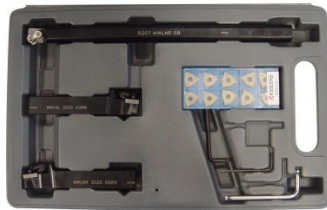


Product Brochure For L039

**L451**  
Lathe Turning Tool Kit - 3 piece  
Insert Type



**L452**  
Lathe Turning Tool Kit - 3 piece  
Insert Type



**L453**  
Lathe Turning Tool Kit - 3 piece  
Insert Type



**L072**  
HSS Turning Tool Set - 4 piece



**L0085**  
Carbide Turning Tool Set - 11  
piece



**L0055**  
Lathe Turning Tool Kit - 5 piece  
Insert Type



**L0099**  
Lathe Turning Tool Kit - 7 piece  
Insert Type



**L0077**  
Lathe Turning Tool Kit - 7 piece  
Insert Type



**L456**  
Lathe Threading Tool Kit - Insert  
Type



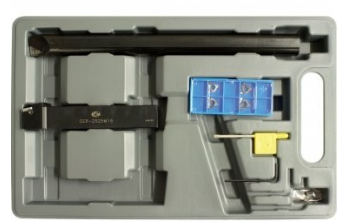
**L457**  
Lathe Threading Tool Kit - Insert  
Type



**L458**  
Lathe Threading Tool Kit - Insert  
Type



**L459**  
Lathe Threading Tool Kit - Insert  
Type



Product Brochure For L039

L464

Professional Lathe Parting Tool Kit - Insert Type



L465

Professional Lathe Parting Tool Kit - Insert Type



L466

Professional Lathe Parting Tool Kit - Insert Type



L467

Professional Lathe Parting Tool Kit - Insert Type



L006A

Boring Bar Set - HSS



L431

Boring Bar Set - Carbide Insert



L430

Boring Bar Set - Carbide Insert

