

Product Brochure For L0121

## Left Hand Turning Tool Holder - SCLCL-1010-H06

10mm Tool Height

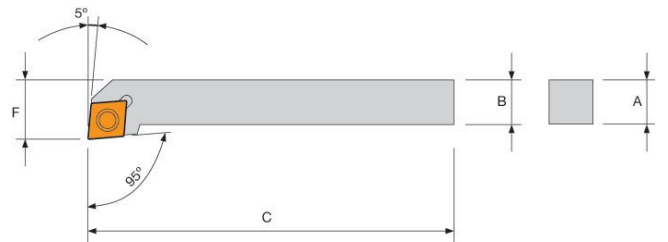
Insert tip not included

**Ex GST**  
**\$66.00**

**Inc GST**  
**\$75.90**



ORDER CODE:	L0121
Part Number - Style:	SCLC
Tool Height Size (mm):	10
Clamping Method of Insert:	~
Category:	~
Connection style:	~
Back End Size:	~
Application:	~
Hand Type:	Left
Holder Style:	~
Clearance Angle:	~
Insert Type:	CCMT06
A (H) (mm):	10
B (mm):	10
C (LF) (mm):	100
LH (mm):	~
F (WF) (mm):	12
E (mm):	~



### Description

Quality Tipped Tool Holders ISO Standard to suit Tungsten Carbide Indexable Insert Tips.

NOTE: Inserts not included with tool holders

Use insert CCMT 60204 (L060)

### Features

- Positive rake turning tool holder with 95° approach angle
- Suitable for low powered machines
- Left hand tool holder suitable for facing operations

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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

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

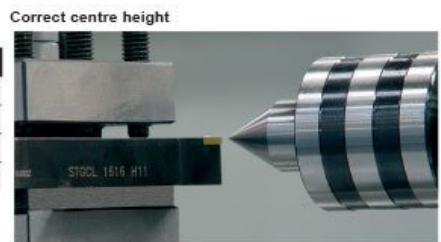
**Example 2.**  
20mm Mild Steel bar to be finished machined

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

- 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.



**Specific Features**



Top View

Side View

Close Up

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**Recommended Accessories**

**L060**  
KYOCERA Carbide Inserts -  
Turning



**L525**  
Screw to Suit Turning Tool  
Holder



**L526**  
Key to Suit Tool Holder



**L450**  
Lathe Turning Tool Kit - 3 piece  
Insert Type



**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



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**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



**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



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L006A  
Boring Bar Set - HSS



L431  
Boring Bar Set - Carbide Insert



L430  
Boring Bar Set - Carbide Insert

