

Product Brochure For L012

SCLCR-1010-H06 - Right Hand Turning Tool Holder

10mm Tool Height
 Insert tip not included

Ex GST
\$65.00

Inc GST
\$71.50



ORDER CODE:	L012
Size (mm):	10
Hand Type:	Right
Style:	SCLCR
A (mm):	10
B (mm):	10
C (mm):	100
E (mm):	~
F (mm):	12



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
- Right hand tool holder suitable for turning towards the chuck

SETTING THE SPINDLE SPEED

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

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

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

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

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

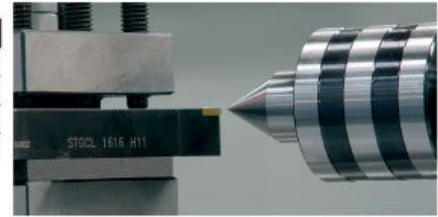
$$\text{RPM} = \frac{1000 \times 80}{3.14 \times 20\text{mm}} = \frac{80000}{62.8} = 1273\text{rpm}$$

- 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



Front View

Product Brochure For L012

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



Product Brochure For L012

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



Product Brochure For L012

L006A
Boring Bar Set - HSS



L431
Boring Bar Set - Carbide Insert



L430
Boring Bar Set - Carbide Insert

