

## L466 - Professional Lathe Parting Tool Kit - Insert Type

20mm Tool Height

**Ex GST**  
**\$190.00**

**Inc GST**  
**\$209.00**



|                          |              |
|--------------------------|--------------|
| ORDER CODE:              | L466         |
| Type:                    | Professional |
| Tool Centre Height (mm): | 20           |
| Blade Size (mm):         | 26 x 3       |
| Insert Width (mm):       | 3            |
| Nett Weight (kg):        | 1.0          |



### Description

Professional kit for the toolroom and workshop application  
 Kit consists of a block, blade & Kennametal inserts.

### Features

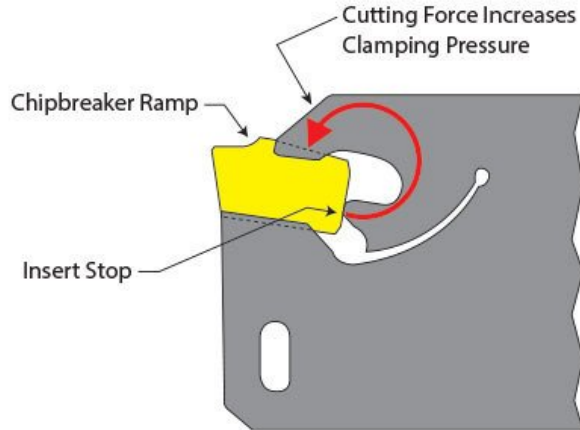
- Blades have top and bottom V-prism design enabling greater clamping force preventing insert movement, even when cutting at high feed rates

### Includes

- 1 x 20mm Parting block suits 26mm blade height
- 1 x 26 x 3mm Parting blade
- 2 x 3mm Parting inserts
- 1 x Key insert remover
- 1 x Hex key

### Insert Stop Design

- Clamping pressure is increased when cutting forces increase providing secure holding power.
- The fixed insert stop provides solid seating with every index and provides up to 30% longer life.



## TECHNICAL INFORMATION

### SETTING THE SPINDLE SPEED

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

$$\text{RPM} = \frac{1000 \times \text{Surface speed in Metres per Minute (M/min)}}{3.14 \times \text{Work Piece Diameter (mm)}}$$

#### Example 1.

20mm Mild Steel bar to be parted off.

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

#### Example 2.

20mm Aluminium bar to be parted off.

$$\text{RPM} = \frac{1000 \times 100}{3.14 \times 20\text{mm}} = \frac{100000}{62.8} = 1592\text{rpm}$$

- Set the spindle speed to the closest RPM speed 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 adjusting the tool height to line up with centre point.

Correct Centre Height



### Approximate surface speeds for carbide tools

| Material        | Parting Off |
|-----------------|-------------|
| Mild Steel      | 80 M/min    |
| Cast Iron       | 70 M/min    |
| Aluminium       | 100 M/min   |
| Stainless Steel | 60 M/min    |

**Specific Features**



Front View



Front Rear View



Rear View



Bottom View



Tip Close Up

**Recommended Accessories**

**L029**  
 Parting Block - Suits 26mm  
 Blade



**L469**  
 Parting Blade



**L0513**  
 KENNAMETAL Carbide Inserts -  
 Parting



**L464**  
 Professional Lathe Parting Tool  
 Kit - Insert Type



Product Brochure For L466

L465

Professional Lathe Parting Tool Kit - Insert Type



L467

Professional Lathe Parting Tool Kit - 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



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



L456

Lathe Threading Tool Kit - Insert Type



Product Brochure For L466

L457

Lathe Threading Tool Kit - Insert Type



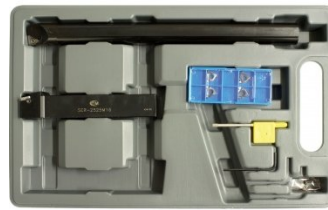
L458

Lathe Threading Tool Kit - Insert Type



L459

Lathe Threading Tool Kit - Insert Type



L006A

Boring Bar Set - HSS



L431

Boring Bar Set - Carbide Insert



L430

Boring Bar Set - Carbide Insert

