



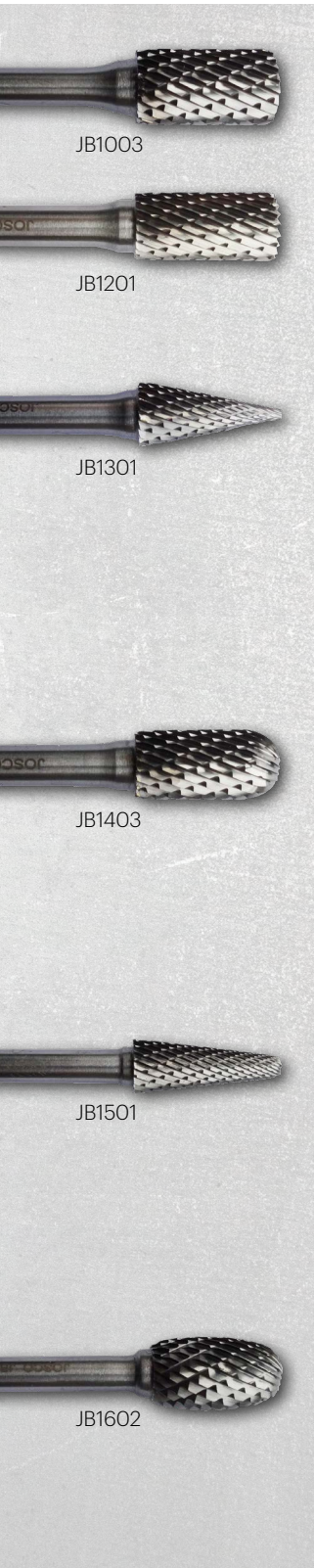
EST.  
1977

# CARBIDE BURRS CATALOGUE

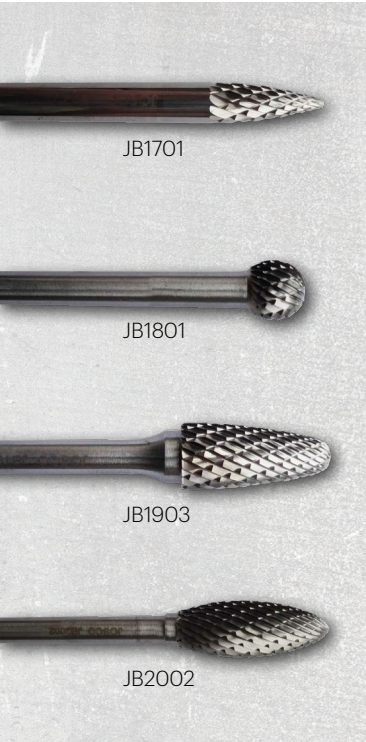


## Double-Cut (D-Cut) Burrs

Ideal for cutting stainless and carbon steel, or other hard metals.  
Great for metal removal, deburring and weld cleaning.



| Head Shape  | Part No. | Head Dia. | Head Length | Shank Dia. | Overall Length | Inner QTY |
|---|----------|-----------|-------------|------------|----------------|-----------|
| <b>Cylinder (No End Cut)</b><br>• Contour finishing<br>• Right-angled corners   | JB1001   | 6mm       | 16mm        | 1/4"       | 50mm           | 10        |
|   | JB1002   | 10mm      | 20mm        | 1/4"       | 65mm           | 10        |
|   | JB1003   | 12mm      | 20mm        | 1/4"       | 65mm           | 10        |
|   | JB1004   | 12mm      | 25mm        | 1/4"       | 70mm           | 10        |
| <b>Cylinder (with End Cut)</b><br>• Contour finishing   | JB1201   | 10mm      | 20mm        | 1/4"       | 65mm           | 10        |
|   |          |           |             |            |                |           |
| <b>Cone (14° included Angle)</b><br>• Ideal for beveling, counter-boring and chamfering<br>• For getting into small, angled areas of your work piece<br>• Deburring gear teeth, heat exchanger fan blades, inside bevel edges and internal pipe edges | JB1301   | 10mm      | 20mm        | 1/4"       | 65mm           | 10        |
|   | JB1302   | 12mm      | 22mm        | 1/4"       | 70mm           | 10        |
|   |          |           |             |            |                |           |
|   |          |           |             |            |                |           |
| <b>Ball Nosed Cylinder</b><br>• Contour finishing<br>• Right-angled corners   | JB1401   | 6mm       | 16mm        | 1/4"       | 50mm           | 10        |
|   | JB1401XL | 6mm       | 16mm        | 1/4"       | 150mm          | 10        |
|   | JB1402   | 8mm       | 19mm        | 1/4"       | 65mm           | 10        |
|   | JB1403   | 10mm      | 20mm        | 1/4"       | 65mm           | 10        |
|   | JB1403T  | 10mm      | 20mm        | 1/4"       | 65mm           | 10        |
|   | JB1403XL | 10mm      | 20mm        | 1/4"       | 150mm          | 10        |
|   | JB1404   | 12mm      | 20mm        | 1/4"       | 65mm           | 10        |
|   | JB1404T  | 12mm      | 20mm        | 1/4"       | 65mm           | 10        |
|   | JB1405   | 12mm      | 25mm        | 1/4"       | 70mm           | 10        |
|   |          |           |             |            |                |           |
| <b>Ball Nosed Cone (14° included Angle)</b><br>• Good for rounded edges and surface finishing in hard to reach areas<br>• Great for tight and narrow angles, plus contours  | JB1501   | 10mm      | 27mm        | 1/4"       | 75mm           | 10        |
|   | JB1502   | 12mm      | 30mm        | 1/4"       | 75mm           | 10        |
| <b>Oval</b><br>• Great for smoothing out undercut areas<br>• Less prone to undercutting compared to other round burrs<br>• Ideal for adding curves to a surface<br>• Round nose is good for gently eating away under objects                          | JB1601   | 10mm      | 16mm        | 1/4"       | 60mm           | 10        |
|   | JB1602   | 12mm      | 22mm        | 1/4"       | 67mm           | 10        |



| Head Shape                | Part No.   | Head Dia. | Head Length | Shank Dia. | Overall Length | Inner QTY |    |
|---------------------------|--|-----------|-------------|------------|----------------|-----------|----|
| <b>Tree (Pointed End)</b> | JB1701   | 6mm       | 16mm        | 1/4"       | 50mm           | 10        |    |
|                           | <ul style="list-style-type: none"> <li>• For rounding off edges and making concave cuts</li> <li>• Use the pointed end for cutting in hard to reach areas and small angled contours</li> </ul> | JB1702    | 10mm        | 20mm       | 1/4"           | 65mm      | 10 |
|                           |  |           |             |            |                |           |    |
| <b>Ball</b>               | JB1800   | 6mm       | 6mm         | 1/4"       | 52mm           | 10        |    |
|                           | <ul style="list-style-type: none"> <li>• Create concave cuts</li> <li>• Shape or hollow out areas in your work piece</li> </ul>  | JB1801    | 10mm        | 9mm        | 1/4"           | 53mm      | 10 |
|                           |  | JB1802    | 12mm        | 11mm       | 1/4"           | 55mm      | 10 |
| <b>Ball Nosed Tree</b>    | JB1901   | 6mm       | 16mm        | 1/4"       | 50mm           | 10        |    |
|                           | <ul style="list-style-type: none"> <li>• Used for rounding off edges</li> <li>• Make concave cuts</li> </ul>   | JB1902    | 10mm        | 20mm       | 1/4"           | 65mm      | 10 |
|                           |  | JB1903    | 12mm        | 25mm       | 1/4"           | 70mm      | 10 |
|                           |  | JB19013T  | 12mm        | 25mm       | 1/4"           | 70mm      | 10 |
| <b>Flame</b>              | JB2001   | 8mm       | 19mm        | 1/4"       | 55mm           | 10        |    |
|                           | JB2002   | 12mm      | 32mm        | 1/4"       | 77mm           | 10        |    |

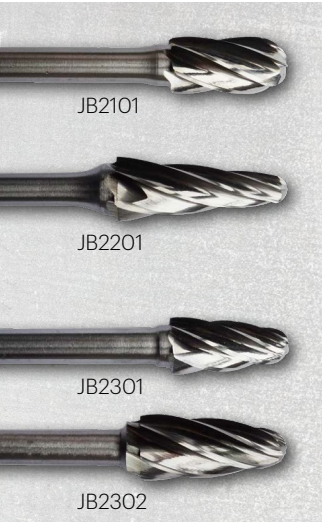
## Speed Chart: D-Cut Burrs

| Material            | 6mm Diameter    | 8mm Diameter    | 10mm Diameter   | 12mm Diameter   |
|---------------------|-----------------|-----------------|-----------------|-----------------|
| Steel               | 13,000 - 32,000 | 10,000 - 24,000 | 8,000 - 19,000  | 7,000 - 16,000  |
| Stainless Steel     | 13,000 - 19,000 | 10,000 - 14,000 | 8,000 - 11,000  | 7,000 - 9,000   |
| Brass/Copper/Bronze | 13,000 - 19,000 | 10,000 - 14,000 | 8,000 - 11,000  | 7,000 - 9,000   |
| Cast Iron           | 24,000 - 32,000 | 10,000 - 24,000 | 14,000 - 19,000 | 12,000 - 16,000 |

## Aluminium Cut Burrs

Ideal for cutting aluminium and aluminium alloys, plastics and hard rubber.

They are great for aluminium stock removal. **DO NOT USE** on steel or hard metals because chipping will occur.



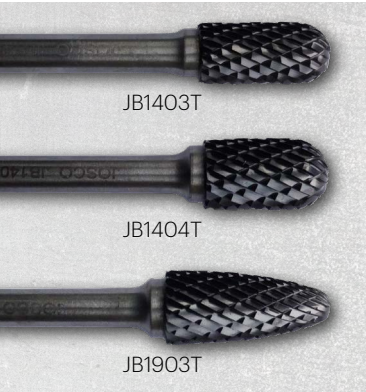
| Head Shape  | Part No. | Head Dia. | Head Length | Shank Dia. | Overall Length | Inner QTY |
|---|----------|-----------|-------------|------------|----------------|-----------|
| <b>Ball Nosed Cylinder</b> <ul style="list-style-type: none"> <li>• Contour finishing</li> <li>• Right-angled corners</li> </ul>  | JB2101   | 10mm      | 20mm        | 1/4"       | 65mm           | 10        |
| <b>Ball Nosed Cone (14° included Angle)</b> <ul style="list-style-type: none"> <li>• Good for rounded edges and surface finishing in hard to reach areas</li> <li>• Great for tight and narrow angles, plus contours</li> </ul> | JB2201   | 12mm      | 30mm        | 1/4"       | 75mm           | 10        |
| <b>Ball Nosed Tree</b> <ul style="list-style-type: none"> <li>• Used for rounding off edges</li> <li>• Make concave cuts</li> </ul>   | JB2301   | 10mm      | 16mm        | 1/4"       | 65mm           | 10        |
|   | JB2302   | 12mm      | 25mm        | 1/4"       | 70mm           | 10        |

## Speed Chart: Aluminium Cut

| Material                   | 10mm Diameter   | 12mm Diameter   |
|----------------------------|-----------------|-----------------|
| Aluminium/Aluminium Alloys | 24,000 - 35,000 | 20,000 - 30,000 |
| Plastics/Hard Rubber       | 16,000 - 35,000 | 13,000 - 30,000 |

## TiAlN Coated Carbide Burrs

Ideal for cutting stainless and carbon steel or other hard metals. TiAlN coating keeps the burr teeth sharp for a longer period of time. They are great for metal removal, deburring and weld cleaning as well.



| Head Shape   | Part No. | Head Dia. | Head Length | Shank Dia. | Overall Length | Inner QTY |
|--|----------|-----------|-------------|------------|----------------|-----------|
| <b>Ball Nosed Cylinder</b><br>• Contour finishing<br>• Right-angled corners  | JB1403T  | 10mm      | 20mm        | 1/4"       | 65mm           | 10        |
|  | JB1404T  | 12mm      | 20mm        | 1/4"       | 65mm           | 10        |
| <b>Ball Nosed Cone (14° included Angle)</b><br>• Good for rounded edges and surface finishing in hard to reach areas<br>• Great for tight and narrow angles, plus contours | JB1903T  | 12mm      | 25mm        | 1/4"       | 70mm           | 10        |

## Extra Length (XL) Burrs

Ideal for cutting stainless and carbon steel or other hard metals. Great for metal removal, deburring and weld cleaning also.



| Head Shape  | Part No. | Head Dia. | Head Length | Shank Dia. | Overall Length | Inner QTY |
|---|----------|-----------|-------------|------------|----------------|-----------|
| <b>Ball Nosed Cylinder</b><br>• Contour finishing<br>• Right-angled corners | JB1401XL | 6mm       | 16mm        | 1/4"       | 150mm          | 10        |
|   | JB1403XL | 10mm      | 20mm        | 1/4"       | 150mm          | 10        |
|   | JB2501   | 12mm      | 25mm        | 1/4"       | 150mm          | 10        |

## Speed Chart: D-Cut/TiAlN Coated/XL

| Material            | 6mm Diameter    | 8mm Diameter    | 10mm Diameter   | 12mm Diameter   |
|---------------------|-----------------|-----------------|-----------------|-----------------|
| Steel               | 13,000 - 32,000 | 10,000 - 24,000 | 8,000 - 19,000  | 7,000 - 16,000  |
| Stainless Steel     | 13,000 - 19,000 | 10,000 - 14,000 | 8,000 - 11,000  | 7,000 - 9,000   |
| Brass/Copper/Bronze | 13,000 - 19,000 | 10,000 - 14,000 | 8,000 - 11,000  | 7,000 - 9,000   |
| Cast Iron           | 24,000 - 32,000 | 10,000 - 24,000 | 14,000 - 19,000 | 12,000 - 16,000 |

# BARBIDE BURR KITS



JBS4



JBS6

## 4 Piece Starter Kit

Four D-Cut Carbide Burrs in a range of shapes suitable for cutting stainless and carbon steel, and other hard metals. Ideal for the removal of metal, deburring and weld cleaning.

### Part No.: JBS4

| Head Shape          | Head Dia. | Head Length | Shank Dia. | Overall Length | Cut   |
|---------------------|-----------|-------------|------------|----------------|-------|
| Cone                | 10mm      | 20mm        | 1/4"       | 65mm           | D-Cut |
| Ball Nosed Cylinder | 6mm       | 16mm        | 1/4"       | 50mm           | D-Cut |
| Oval                | 10mm      | 16mm        | 1/4"       | 60mm           | D-Cut |
| Ball Nosed Tree     | 6mm       | 16mm        | 1/4"       | 50mm           | D-Cut |

## 6 Piece Starter Kit

Five D-Cut Carbide Burrs in a range of shapes suitable for cutting stainless and carbon steel, plus other hard metals. Ideal for metal removal, deburring and weld cleaning.

One Aluminium Cut Carbide Burr suitable for cutting aluminium and aluminium alloys, plastics and hard rubber. It is ideal for aluminium stock removal.

### Part No.: JBS6

| Head Shape          | Head Dia. | Head Length | Shank Dia. | Overall Length | Cut   |
|---------------------|-----------|-------------|------------|----------------|-------|
| Ball Nosed Cylinder | 10mm      | 20mm        | 1/4"       | 65mm           | D-Cut |
| Ball Nosed Cone     | 10mm      | 27mm        | 1/4"       | 75mm           | D-Cut |
| Oval                | 10mm      | 16mm        | 1/4"       | 60mm           | D-Cut |
| Ball Nosed Tree     | 6mm       | 16mm        | 1/4"       | 65mm           | D-Cut |
| Cylinder            | 6mm       | 16mm        | 1/4"       | 50mm           | D-Cut |
| Ball Nosed Cylinder | 10mm      | 20mm        | 1/4"       | 65mm           | A-Cut |

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