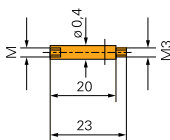


Ident. No. 350



Ident. No. 370-380

1005

## RENISHAW Probe inserts with ruby ball and cemented carbide shaft

apply innovation™

### Connecting thread M2

#### Execution:

- Ball made from synthetic ruby
- straight version
- Cemented carbide shaft
- Connecting thread M2

#### Technical data:

- Material of the shank: Carbide
- Bracket material: Stainless steel
- Measuring ball material: Rubin



Ident. No. 080-085

|                             |        |             |             |             |             |
|-----------------------------|--------|-------------|-------------|-------------|-------------|
| DK (mm)                     |        | 0.3         | 0.5         | 0.7         | 1.0         |
| DS (mm)                     |        | 0.2         | 0.4         | 0.5         | 0.7         |
| ML (mm)                     |        | 2.0         | 3.0         | 4.0         | 4.0         |
| Manufacturer article number |        | A-5000-7800 | A-5000-7805 | A-5000-7801 | A-5003-1325 |
|                             | L (mm) |             |             |             |             |
| 35311...                    | 10     | Ident. No.  | 080<br>●    | 085<br>●    | 090<br>○    |
|                             |        |             |             |             | 095<br>○    |

Prod. Gr. 3EC

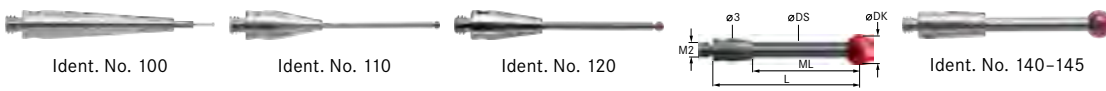
## RENISHAW Probe inserts with ruby ball and cemented carbide shaft

apply innovation™

### Connecting thread M2

#### Technical data:

- Material of the shank: Carbide
- Bracket material: Stainless steel
- Measuring ball material: Rubin



|                             |        |             |             |             |             |             |             |             |             |             |             |             |
|-----------------------------|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| DK (mm)                     |        | 0.3         | 0.5         | 0.7         | 1.0         | 1.0         | 1.5         | 2.0         | 2.5         | 3.0         | 4.0         | 5.0         |
| DS (mm)                     |        | 0.2         | 0.3         | 0.5         | 0.7         | 0.8         | 1.0         | 1.0         | 1.0         | 1.5         | 2.0         | 2.5         |
| ML (mm)                     |        | 2.0         | 7.0         | 12.0        | 7.0         | 12.5        | 12.5        | 14.0        | 15.5        | 17.0        | 22.0        | 20.0        |
| Manufacturer article number |        | A-5004-7398 | A-5003-1345 | A-5003-0577 | A-5000-7808 | A-5003-0033 | A-5003-0034 | A-5003-3822 | A-5003-1896 | A-5003-0938 | A-5003-1029 | A-5003-0046 |
|                             | L (mm) |             |             |             |             |             |             |             |             |             |             |             |
| 35311...                    | 20     | Ident. No.  | 100<br>○    | 105<br>●    | 110<br>●    | 115<br>●    | 120<br>●    | 125<br>●    | 130<br>●    | 135<br>○    | 140<br>●    | 150<br>●    |
| 35311...                    | 22     | Ident. No.  | -           | -           | -           | -           | -           | -           | -           | -           | 145<br>●    | -           |

Prod. Gr. 3EC

## RENISHAW Probe inserts with ruby ball and stainless steel shaft

apply innovation™

### M4 connecting thread

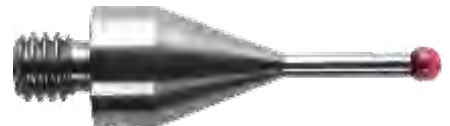
#### Execution:

- Ball made from synthetic ruby
- straight version

- Stainless steel shaft
- M4 connecting thread



Ident. No. 555



Ident. No. 560

|                             |        |                 |                 |
|-----------------------------|--------|-----------------|-----------------|
| DK (mm)                     |        | 5.0             | 5.0             |
| DS (mm)                     |        | 3.0             | 3.0             |
| ML (mm)                     |        | 15.89           | 26              |
| Material of the shank       |        | Stainless steel | Stainless steel |
| Measuring ball material     |        | Rubin           | Rubin           |
| Bracket material            |        | Stainless steel | Stainless steel |
| Manufacturer article number |        | A-5000-7545     | A-5000-7547     |
|                             | L (mm) |                 |                 |
| 35311...                    | 20     | Ident. No.      | 555<br>○        |
| 35311...                    | 30     | Ident. No.      | -               |
|                             |        |                 | 560<br>○        |

Prod. Gr. 3EC

## RENISHAW Probe inserts with ruby ball and cemented carbide shaft

apply innovation™

### M4 connecting thread

#### Execution:

- Ball made from synthetic ruby
- straight version

- Cemented carbide shaft
- M4 connecting thread



|                             |                 |                 |
|-----------------------------|-----------------|-----------------|
| DK (mm)                     | 2.0             | 3.0             |
| DS (mm)                     | 1.5             | 2.0             |
| ML (mm)                     | 40.0            | 38.5            |
| Material of the shank       | Carbide         | Carbide         |
| Bracket material            | Stainless steel | Stainless steel |
| Measuring ball material     | Rubin           | Rubin           |
| Manufacturer article number | A-5003-4797     | A-5003-3680     |
| L (mm)                      |                 |                 |
| 35311...                    | 50              | Ident. No.      |
|                             |                 | 565             |
|                             |                 | 570             |

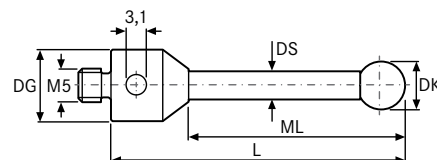
Prod. Gr. 3EC

## **RENISHAW** **Probe inserts with ruby ball and cemented carbide shaft** apply innovation™ **M5 connecting thread**

### **Execution:**

- Ball made from synthetic ruby
- Titanium holder

- Cemented carbide shaft
- M5 connecting thread



|                             |             |             |             |             |
|-----------------------------|-------------|-------------|-------------|-------------|
| DK (mm)                     | 3.0         | 3.0         | 3.0         | 3.0         |
| DS (mm)                     | 2.0         | 2.0         | 2.0         | 2.0         |
| ML (mm)                     | 15          | 23.5        | 40          | 48          |
| Material of the shank       | Carbide     | Carbide     | Carbide     | Carbide     |
| Bracket material            | Titanium    | Titanium    | Titanium    | Titanium    |
| Measuring ball material     | Rubin       | Rubin       | Rubin       | Rubin       |
| Manufacturer article number | A-5555-0018 | A-5555-0019 | A-5555-0020 | A-5555-0021 |
| Sensor length (mm)          |             |             |             |             |
| 35311...                    | 25.00       | Ident. No.  | 360         | -           |
|                             |             |             | ○           | -           |
| 35311...                    | 33.50       | Ident. No.  | -           | 365         |
|                             |             |             | -           | ○           |
| 35311...                    | 50.00       | Ident. No.  | -           | -           |
|                             |             |             | -           | 370         |
|                             |             |             | -           | ○           |
| 35311...                    | 58.00       | Ident. No.  | -           | -           |
|                             |             |             | -           | 375         |
|                             |             |             | -           | ○           |

Prod. Gr. 3EC

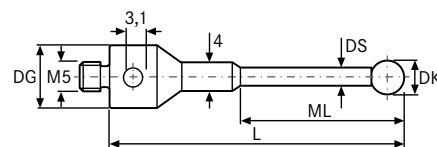
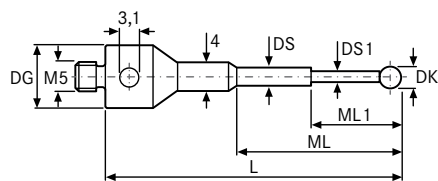
## **RENISHAW** **Probe inserts with ruby ball and cemented carbide shaft** apply innovation™ **M5 connecting thread**

### **Execution:**

- Ball made from synthetic ruby
- Stainless steel holder
- Cemented carbide shaft
- M5 connecting thread

### **Technical data:**

- Material of the shank: Carbide
- Bracket material: Non-corrosive steel
- Measuring ball material: Rubin



|                             |             |             |             |             |             |             |             |             |             |
|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| DK (mm)                     | 0.8         | 1.0         | 1.35        | 1.35        | 1.5         | 1.5         | 2.0         | 2.0         | 2.0         |
| DS (mm)                     | 1.0         | 1.0         | 1.0         | 1.0         | 1.0         | 1.0         | 1.5         | 1.5         | 1.5         |
| DS1 (mm)                    | 0.6         | 0.8         | -           | -           | -           | -           | -           | -           | -           |
| ML (mm)                     | 12.0        | 12.0        | 12.0        | 19.0        | 12.0        | 19.0        | 12.0        | 19.0        | 33.0        |
| ML1 (mm)                    | 4.8         | 5.0         | -           | -           | -           | -           | -           | -           | -           |
| Manufacturer article number | A-5555-0052 | A-5555-0053 | A-5555-0054 | A-5555-0055 | A-5555-0056 | A-5555-0057 | A-5555-0058 | A-5555-0059 | A-5555-0060 |
| Sensor length (mm)          |             |             |             |             |             |             |             |             |             |
| 35311...                    | 32.00       | Ident. No.  | 380         | 385         | 390         | -           | 400         | 410         | -           |
|                             |             |             | ○           | ○           | ○           | -           | ○           | ○           | -           |
| 35311...                    | 44.00       | Ident. No.  | -           | -           | -           | 395         | 405         | 415         | -           |
|                             |             |             | -           | -           | -           | ○           | ○           | ○           | -           |
| 35311...                    | 58.00       | Ident. No.  | -           | -           | -           | -           | -           | -           | 420         |
|                             |             |             | -           | -           | -           | -           | -           | -           | ○           |

Prod. Gr. 3EC