



How to Order

1. Choose the appropriate mandrel model based upon the diameter(s) you plan to grip. All mandrels and bodies share a common mounting interface for full interchangeability. Each mandrel includes the expanding rod and an expanding rod adapter

2. Choose the part number to suit your spindle mount based upon the lathe spindle it will be mounted to. Just like with Kitagawa Europe Collet Chucks, each ID gripping system includes a drawtube connector that can be customised to your drawtube to ensure hassle-free installation

3. If required, choose part locator(s) to provide a banking surface for the workpiece

4. Choose the appropriate sleeve(s) based upon the diameter(s) you plan to grip

1. Choose the appropriate mandrel model

- Mandrel models are defined by their gripping range
- Expanding rod, expanding rod adapter, and mounting hardware included with each mandrel
- Order expanding sleeves separately

2. Choose the part number to suit your spindle mount

- The part number identifies the exact back body that provides a precision interface for connecting the mandrel to the spindle
- The part number includes mandrel, back body & blank drawtube connector (which can be machined by yourself or custom-machined by us) and mounting hardware
- Order sleeves, and part locators separately

3. Choose part locator

- Part locators are an optional accessory
- Locator bolts to the front of the mandrel and provides a square surface for the workpiece to locate against
- Wider locators available to accommodate short parts

KEM SERIES MANDREL MODELS

| Mandrel Model | Mandrel Gripping Range mm | | E mm | F mm | G mm | G (Flush) mm | Spindle Mount | Part Number |
|---------------|---------------------------|------|------|------|------|--------------|---------------|-------------|
| | Min | Max | | | | | | |
| KEM-AS | 12.4 | 22.4 | 64 | 14.5 | 22.1 | 25.4 | A2-5 | KEM-AS-A5 |
| | | | | | | | A2-6 | KEM-AS-A6 |
| | | | | | | | A2-8 | KEM-AS-A8 |
| | | | | | | | Z140 | KEM-AS-14 |
| KEM-BS | 15.9 | 29.1 | 46 | 15 | 27 | 31 | A2-5 | KEM-BS-A5 |
| | | | | | | | A2-6 | KEM-BS-A6 |
| | | | | | | | A2-8 | KEM-BS-A8 |
| | | | | | | | Z140 | KEM-BS-14 |
| KEM-CS | 21.9 | 40.3 | 52.1 | 15.5 | 32 | 36.6 | A2-5 | KEM-CS-A5 |
| | | | | | | | A2-6 | KEM-CS-A6 |
| | | | | | | | A2-8 | KEM-CS-A8 |
| | | | | | | | Z140 | KEM-CS-14 |
| KEM-DS | 28.3 | 51.5 | 59 | 15.2 | 38.1 | 43.8 | A2-5 | KEM-DS-A5 |
| | | | | | | | A2-6 | KEM-DS-A6 |
| | | | | | | | A2-8 | KEM-DS-A8 |
| | | | | | | | Z140 | KEM-DS-14 |
| KEM-ES | 41.1 | 82.7 | 64 | 14.7 | 43 | 49.3 | A2-5 | KEM-ES-A5 |
| | | | | | | | A2-6 | KEM-ES-A6 |
| | | | | | | | A2-8 | KEM-ES-A8 |
| | | | | | | | Z140 | KEM-ES-14 |

KEM SERIES PART LOCATOR

| Fits Mandrel Model | Width mm | Outer Ø mm | Part Number |
|--------------------|----------|------------|-------------|
| KEM-AS | 12 | 39.9 | KEM-AS-PL |
| KEM-BS | 12 | 39.9 | KEM-BS-PL |
| KEM-CS | 12 | 75.0 | KEM-CS-PL |
| KEM-DS | 12 | 75.0 | KEM-DS-PL |
| KEM-ES | 12 | 75.0 | KEM-ES-PL |