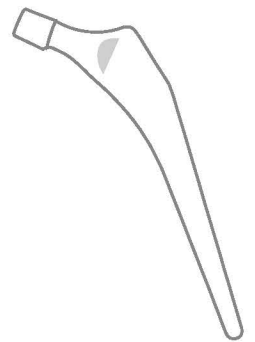


# Bencox ID Cemented Stem



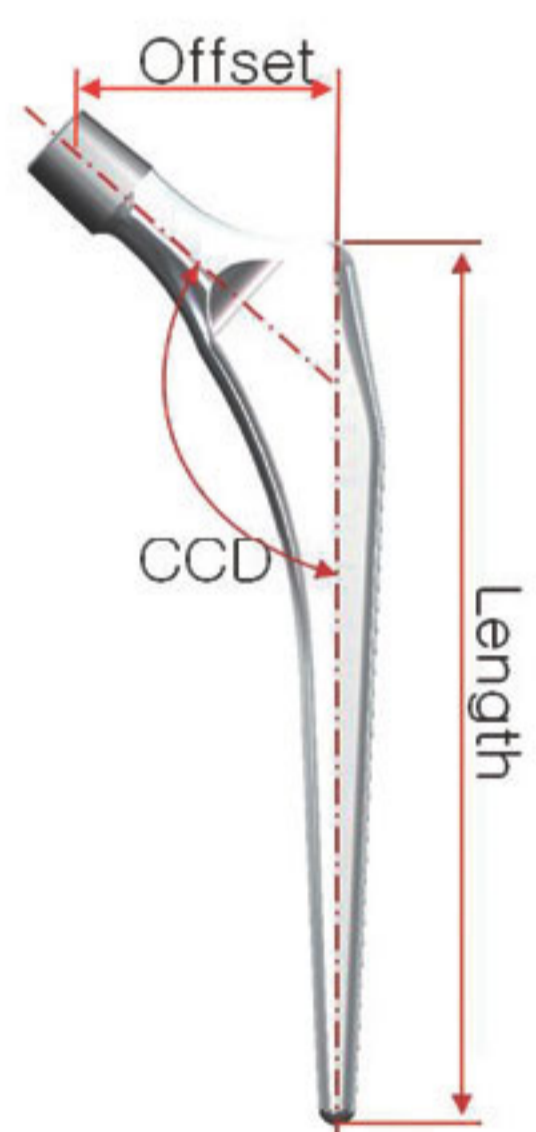


# Bencox ID Cemented Stem



## Specifications

### • Bencox ID Cemented Stem



Size	Length (mm)	Offset (mm)	CCD (degree)	Rasp
3	129	39.1	132°	3
5	137	40.4		5
7	145	41.9		7
9	153	44.3		9
11	161	46.7		11

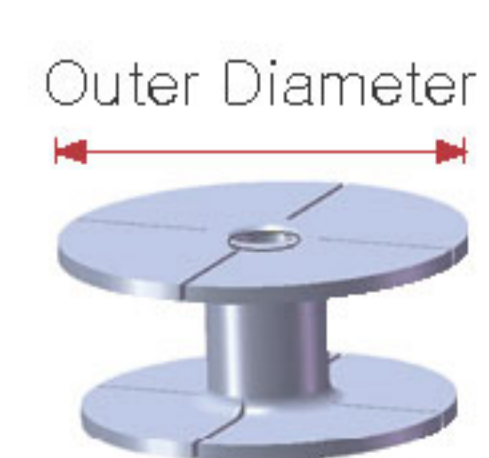
### • Centralizer



Size	Outer Diameter (mm)	Stem No.	Unusable Canal Size (mm)
16	16	3	<12
17.5	17.5	5	<12
19	19	7	<14
20.5	20.5	9	<14
22	22	11	<16

\* Centralizer is included in Bencox ID Cemented Stem package.

### • Bone Plug

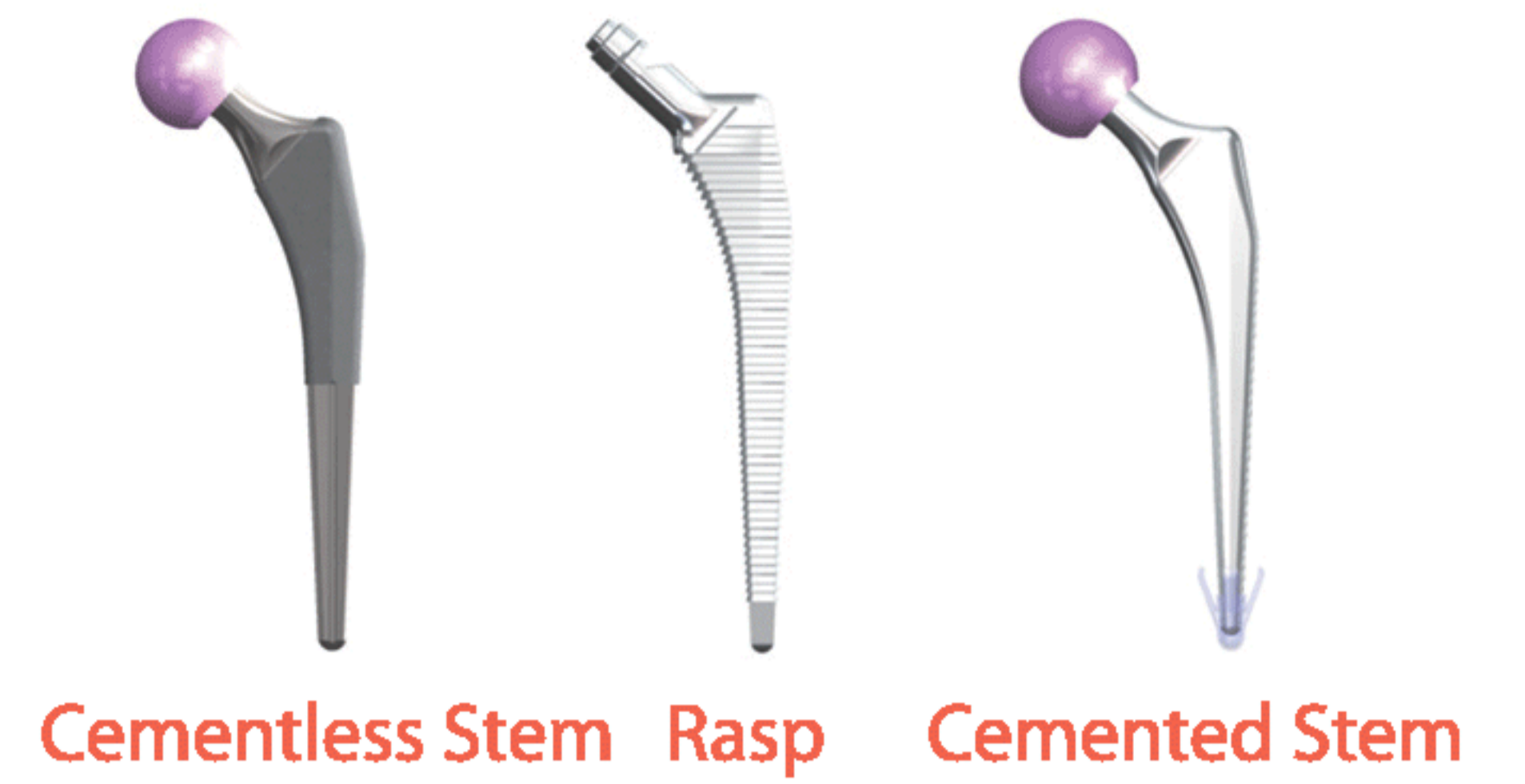


Size	Outer Diameter (mm)	Usable Canal Size (mm)
13	13	≤12
20	20	13~19
27	27	20≥



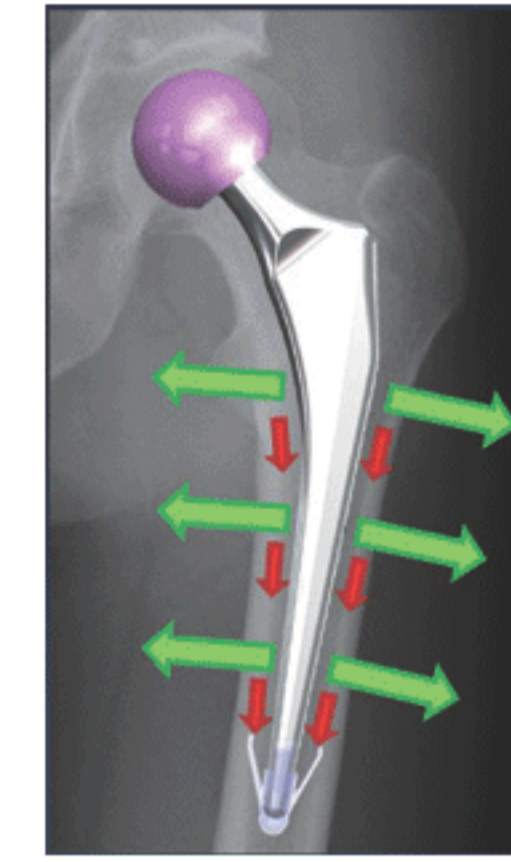
## Unified Instrumentation

- Cementless and cemented stem of ID system use same instrumentation.
- This instrumentation maximizes efficiency in the operating room, while still providing intraoperative flexibility.



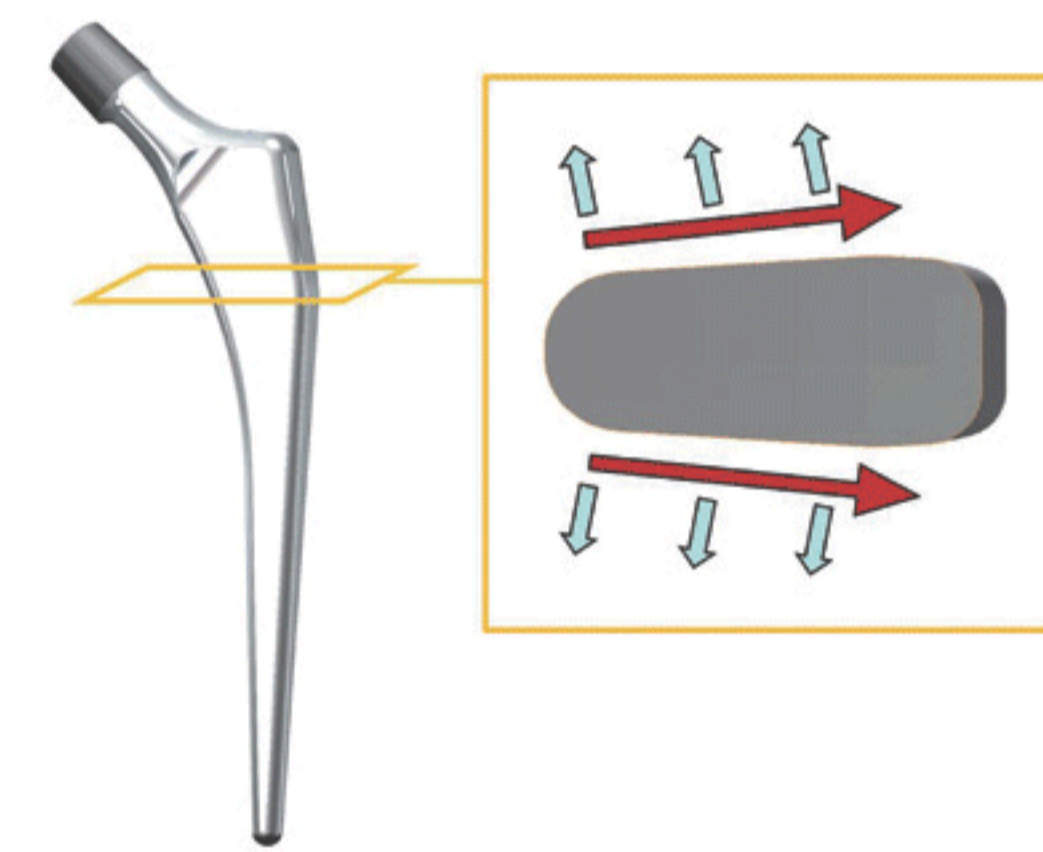
## Polished Double Tapered distal geometry-Collarless type

- Generates the radial compressive load in distal body.
- "Taper slip principle" allows the subsidence of the stem.
- Cement mantle longevity is related to the ability to convert the shear and tension to the compression.
- Cement is 3 times stronger in compression than in shear or tension.



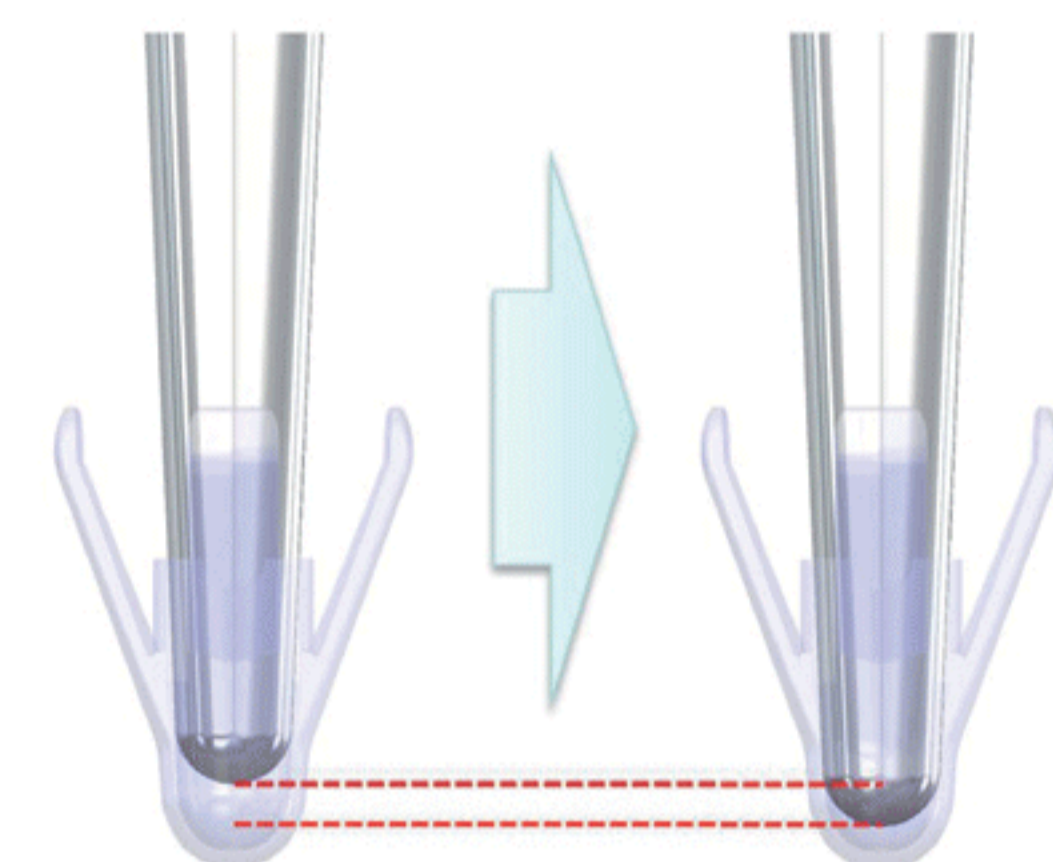
## Normalized Proximal Stress

- Proximally tapered & grooved stem geometry converts the shear forces to compressive load.



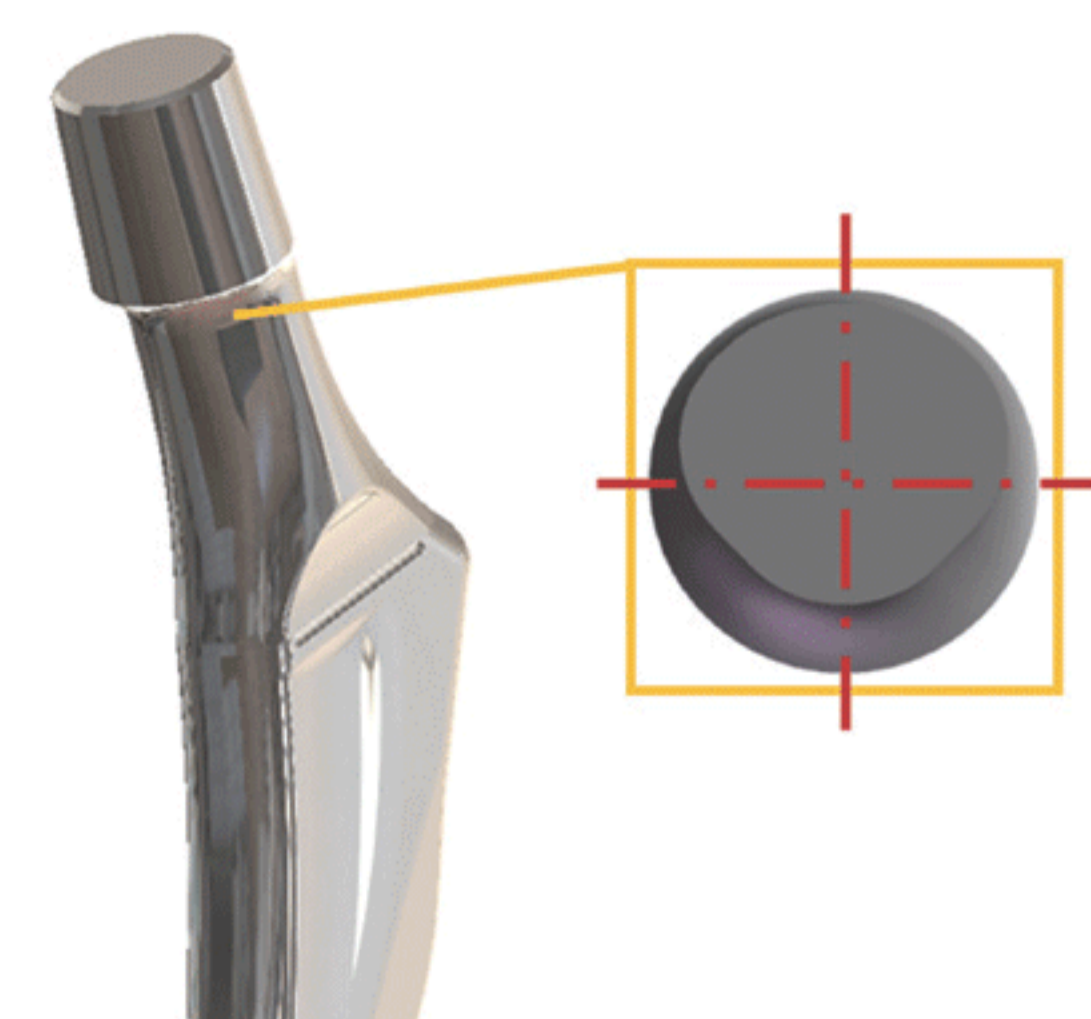
## Self-Centering Distal Centralizer

- Uniform cement thickness is constructed by four deformable wings of centralizer, which protects the stress concentration due to the thin cement mantle.
- Allows the cemented stem to move distally within the cement applying the compression to the cement.



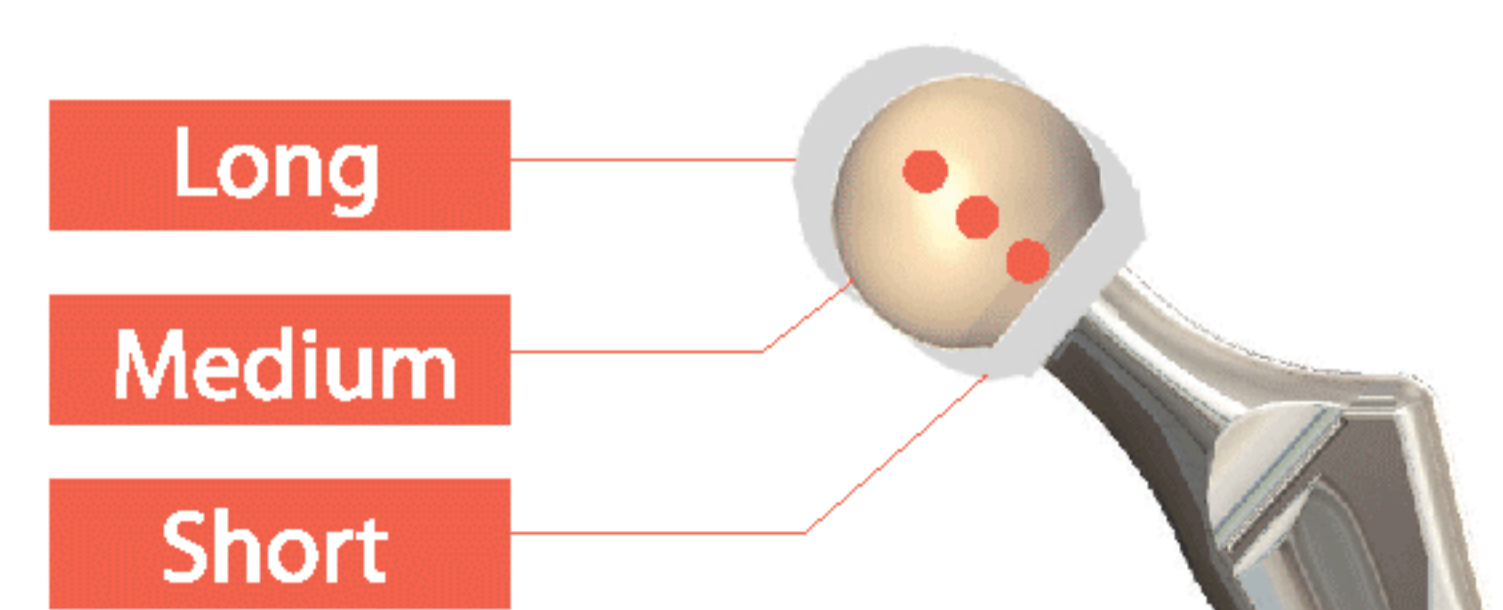
## Enhanced Neck Shape

- Patented trapezoidal neck design allows wide angulation and protects impingement & dislocation.
- Same neck design with Bencox stem is applied.



## Compatible Tapered 12/14 Trunnion

- Adoption of Bencox forte & delta, and Metal heads
- Provides 3 optional offset (Short, Medium, Long).
- Extra long offset provided for Metal heads





# Bencox ID Cemented Stem

## Ordering Information

### Collarless Type

Part No.	Description
01.05.103	Stem 3
01.05.105	Stem 5
01.05.107	Stem 7
01.05.109	Stem 9
01.05.111	Stem 11

### Bone Plug

Part No.	Description
01.05.413	13mm
01.05.420	20mm
01.05.427	27mm

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