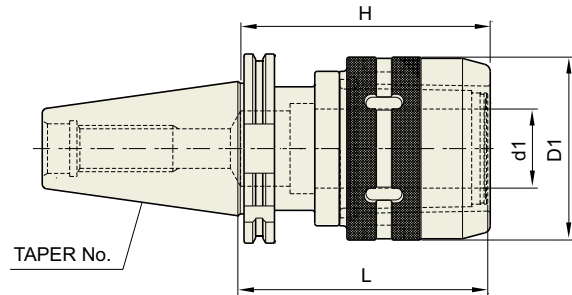




POWER MILLING CHUCK

DIN 69871-SK

FRÄSERSPANNFUTTER
MANDRIN PORTE FRAISE
MANDRINI PORTA FRESA
PORTAHERRAMIENTAS PARA FRESADO



Collet, spanner
Refer to page 176

◆ STUB

Unit : mm

| TAPER No. | MODEL No. | EDP No. | d1 | D1 | L | H | WEIGHT (kg) |
|-----------|-------------|----------|----|------|----|-----|-------------|
| 30 | SK30-C20-80 | P2526001 | 20 | 54 | 80 | 70 | 1.15 |
| | SK30-C25-80 | P2526002 | 25 | 62.5 | 70 | 80 | 1.48 |
| 40 | SK40-C20-90 | P2526003 | 20 | 54 | 90 | 70 | 1.60 |
| | SK40-C32-90 | P2526004 | 32 | 72 | 90 | 100 | 2.00 |
| 50 | SK50-C20-80 | P2526005 | 20 | 54 | 80 | 70 | 3.22 |
| | SK50-C25-90 | P2526006 | 25 | 62.5 | 90 | 80 | 3.61 |
| | SK50-C32-90 | P2526007 | 32 | 72 | 90 | 100 | 3.87 |

◆ STANDARD

Unit : mm

| TAPER No. | MODEL No. | EDP No. | d1 | D1 | L | H | WEIGHT (kg) |
|-----------|--------------|----------|----|------|-----|-----|-------------|
| 40 | SK40-C20-105 | P2526008 | 20 | 54 | 105 | 70 | 1.77 |
| | SK40-C25-105 | P2526009 | 25 | 62.5 | 105 | 80 | 2.01 |
| | SK40-C32-105 | P2526010 | 32 | 72 | 105 | 100 | 2.42 |
| 50 | SK50-C20-105 | P2526011 | 20 | 54 | 105 | 70 | 3.39 |
| | SK50-C25-105 | P2526012 | 25 | 62.5 | 105 | 80 | 3.78 |
| | SK50-C32-105 | P2526013 | 32 | 72 | 105 | 100 | 4.31 |
| | SK50-C42-115 | P2526014 | 42 | 92 | 115 | 110 | 4.53 |

◆ EXTENDED

Unit : mm

| TAPER No. | MODEL No. | EDP No. | d1 | D1 | L | H | WEIGHT (kg) |
|-----------|--------------|----------|----|----|-----|-----|-------------|
| 40 | SK40-C32-135 | P2526015 | 32 | 72 | 135 | 100 | 3.11 |
| 50 | SK50-C32-135 | P2526018 | 32 | 72 | 135 | 100 | 4.94 |
| | SK50-C42-135 | P2526017 | 42 | 92 | 135 | 110 | 5.62 |

◆ EXTRA EXTENDED

Unit : mm

| TAPER No. | MODEL No. | EDP No. | d1 | D1 | L | H | WEIGHT (kg) |
|-----------|--------------|----------|----|----|-----|-----|-------------|
| 50 | SK50-C32-165 | P2526020 | 32 | 72 | 165 | 100 | 5.59 |
| | SK50-C42-165 | P2526016 | 42 | 92 | 165 | 110 | 6.10 |

▶ CAT(ANSI B5.50) taper and Inch type products are available.

HYDRAULIC CHUCK

SHRINK FIT HOLDER

ER COLLET CHUCK

END MILL HOLDER & SIDE LOCK ARBOR

SHELL MILL ARBOR

POWER MILLING CHUCK

MORSE TAPER ARBOR

SK SLIM CHUCK

SYNCHRO TAPPING CHUCK

ONE STEP TAPPING CHUCK

TAPPING ER CHUCK

TAPPING CHUCK

FACE MILL ARBOR

COPY MILL ARBOR & INDEXABLE DRILL HOLDER

NC DRILL CHUCK & OTHER TOOL HOLDERS

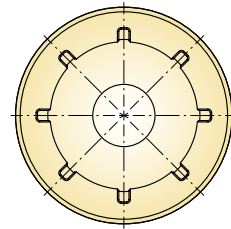
BORING SYSTEM

ACCESSORY & OTHERS

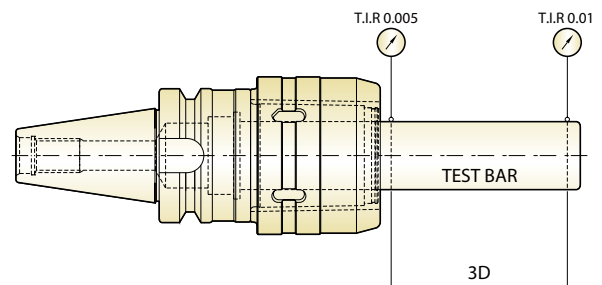
POWER MILLING CHUCK



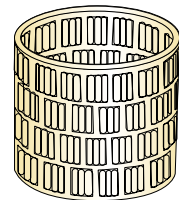
- Rigidity is strengthened through slot made at inside milling chuck, which prevents deformation of milling chuck. Smooth cutting is achieved by maximizing end mill clamping power.
- Enough thickness of clamping part prevents chattering and ensures durability.



- High precision can be achieved through accurate roundness of clamping part, deburred surface and rigidity (deviation of concentricity : below 2, roughness : below RZ B1.0~1.5)
- Maintaining T.I.R not exceeding 0.01mm at 3D from nose part



- 160% more of bearings are used in needle roller than other make's chucks, which provides strong clamping power and high durability by dispersing surface pressure even in case strong load is applied.



- In order to improve durability, YG-1 milling chuck is passed through following processes.
 - "Normalizing" treatment for unifying material composition and removal internal stress.
 - Ultralow temperature (-90°C) treatment called "Sub-Zero treatment" after carburizing heat treatment for prior removal of any deformation of milling chuck after use for long periods of time.

High-Speed POWER MILLING CHUCK

- Achieving optimum cutting for High-Speed heavy duty cutting and finishing with strong torque power
- Perfect clamping from 3mm depth of I.D entrance
- Achieving stability when exchanging and setting tools by stable fastening and unfastening torque

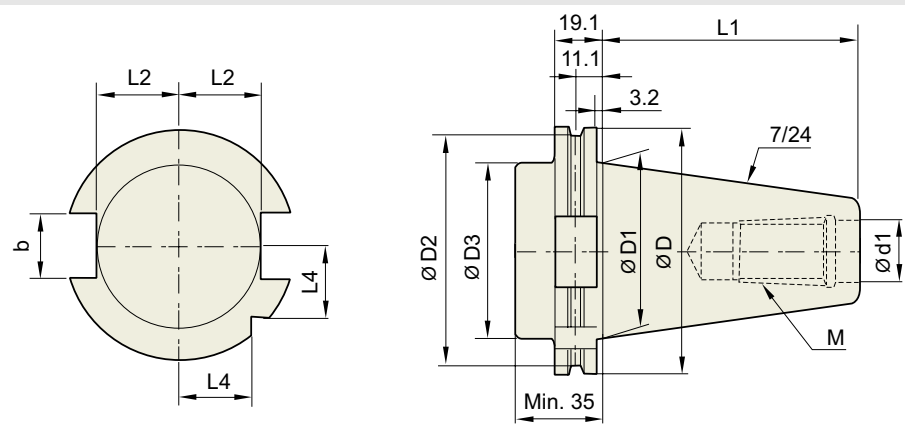


Strong Torque Power

| Milling chuck (I.D) | Standard | Tolerance (Taper shank) | Run-out | Clamping torque |
|---------------------|----------|---|--------------|-----------------|
| C20 | AT3 | ISO 30 (0~+0.002) ISO 40 (0~+0.003) ISO 50 (0~+0.004) | 0.01mm at 3D | 980Nm |
| C25 | | | | 1,760Nm |
| C32 | | | | 3,430Nm |
| C42 | | | | 4,900Nm |

TECHNICAL DATA : SHANK STANDARD

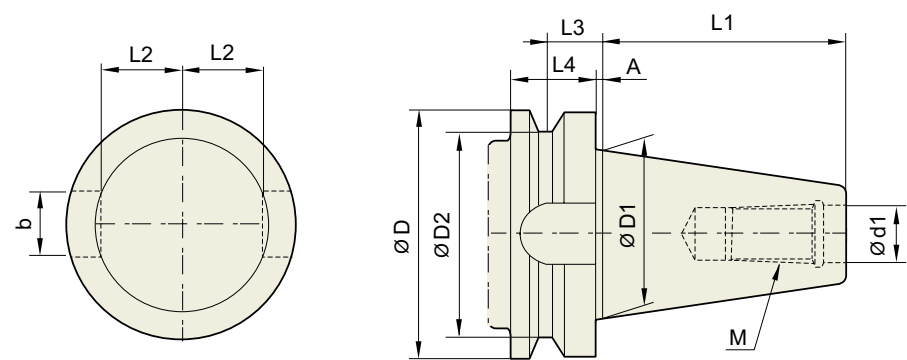
DIN 69871-SK



Unit : mm

| TAPER No. | ØD | ØD1 | ØD2 | ØD3 | Ød1 | L1 | L2 | L3 | L4 | b | M |
|-------------|-------|-------|-------|-----|-----|--------|------|------|------|------|----------|
| SK30 | 50 | 31.75 | 44.3 | 45 | 13 | 47.8 | 16.4 | 19 | 15 | 16.1 | M12×1.75 |
| SK40 | 63.55 | 44.45 | 56.25 | 50 | 17 | 68.4 | 22.8 | 25 | 18.5 | 16.1 | M16×2.0 |
| SK50 | 97.5 | 69.85 | 91.25 | 80 | 25 | 101.75 | 35.5 | 37.7 | 30 | 25.7 | M24×3.0 |

JIS B6339/ MAS 403-BT

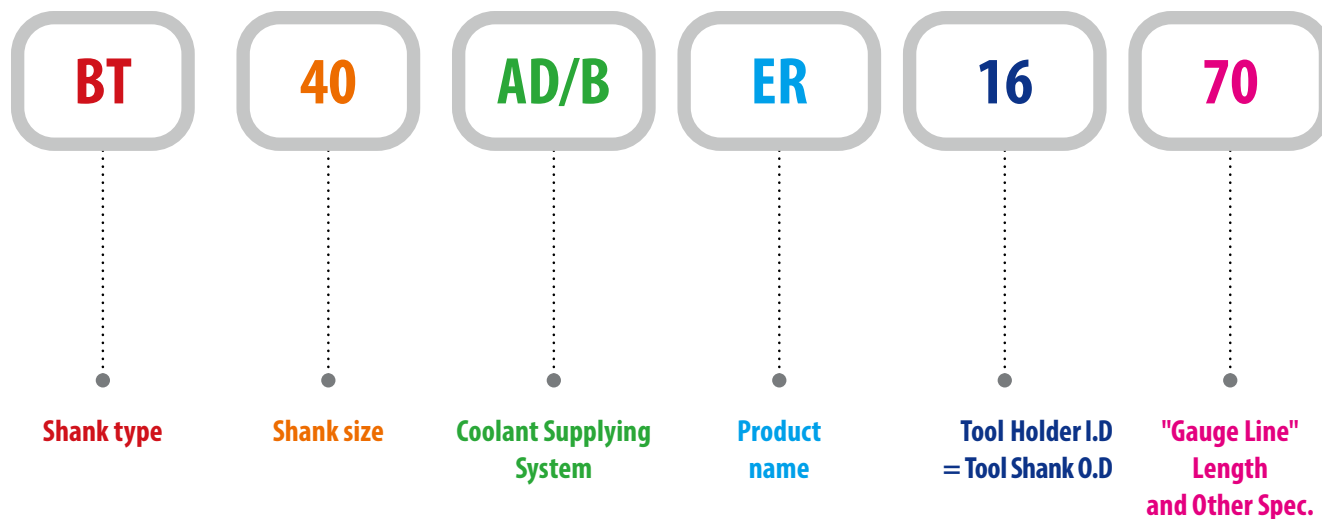


Unit : mm

| TAPER No. | ØD | ØD1 | ØD2 | Ød13. | L1 | L2 | L3 | L4 | A | b | M |
|-------------|-----|--------|-----|-------|-------|------|------|----|---|------|----------|
| BT30 | 46 | 31.75 | 38 | 12.5 | 48.4 | 16.3 | 13.6 | 20 | 2 | 16.1 | M12×1.75 |
| BT40 | 63 | 44.45 | 53 | 17 | 65.4 | 22.6 | 16.6 | 25 | 2 | 16.1 | M16×2 |
| BT50 | 100 | 69.85 | 85 | 25 | 101.8 | 35.4 | 23.2 | 35 | 3 | 25.7 | M24×3 |
| BT60 | 155 | 107.95 | 135 | 31 | 161.8 | 60.1 | 28.2 | 45 | 3 | 25.7 | M30×3.5 |

MODEL NUMBERING SYSTEM & SURFACE FINISH

Model Numbering System



Surface Finish

