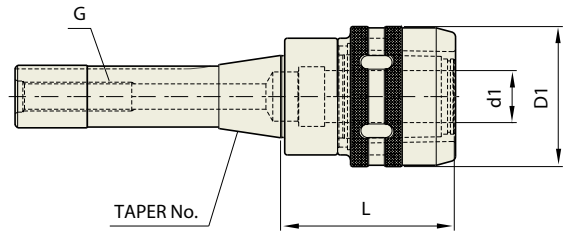


**POWER MILLING CHUCK**
**BRIDGEPORT-R8**

FRÄSERSPANNFUTTER  
 MANDRIN PORTE FRAISE  
 MANDRINI PORTA FRESA  
 PORTAHERRAMIENTAS PARA FRESADO



 Collet, spanner  
 Refer to page 176

Unit : mm

TAPER No.	MODEL No.	EDP No.	d1	D1	L	G	WEIGHT (kg)
R8	R8-C20	P2546130	20	54	69	U7/16-20	1.40

HYDRAULIC CHUCK

SHRINK FIT HOLDER

ER COLLET CHUCK

END MILL HOLDER &amp; 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 &amp; INDEXABLE DRILL HOLDER

NC DRILL CHUCK &amp; OTHER TOOL HOLDERS

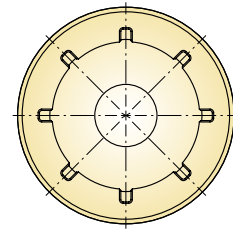
BORING SYSTEM

ACCESSORY &amp; OTHERS

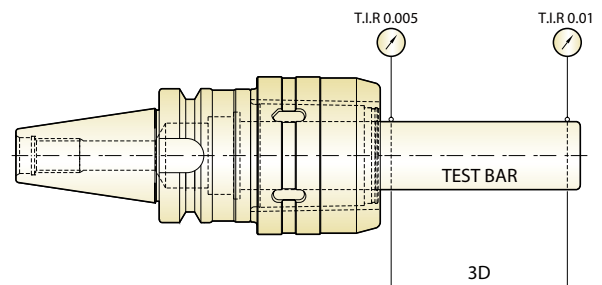
## POWER MILLING CHUCK



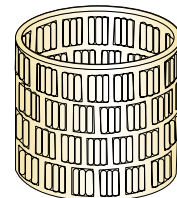
- Rigidity is strengthened through slot made at inside milling chuck, which prevents deformation of milling chuck. Smooth cutting is achieved by maximizing end mill clamping power.
- Enough thickness of clamping part prevents chattering and ensures durability.



- 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

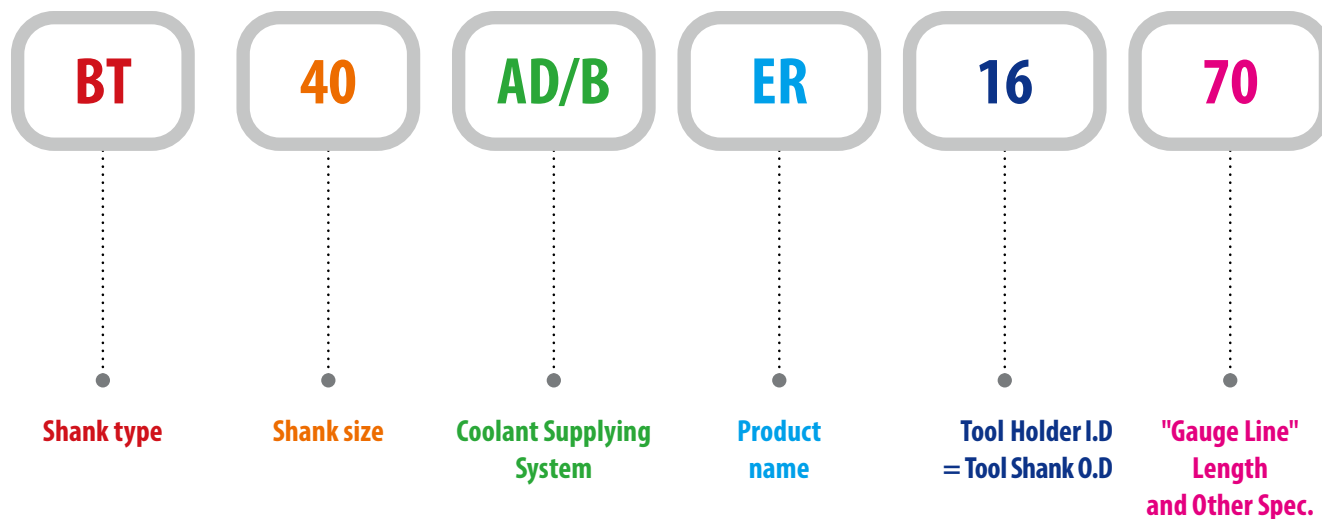


### Strong Torque Power

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

# MODEL NUMBERING SYSTEM & SURFACE FINISH

## Model Numbering System



## Surface Finish

