

## HSK63A- ER COLLET CHUCK **BALANCING GRADE G2.5/25,000RPM**

**Features:**

- Dynamically balanced to G2.5/25,000 RPM to meet today's demanding need in aggressive high speed machining
- In a generic standard ER collet nut, an internal ring is off-centered so that an ER collet can be easily snapped into it and holds the ER collet in place. To minimize this off-centering, the ER collet nut is optimized to distribute the flat sides' area to off-set the off-center. ER collet nut is also balanced with each holder
- Made from alloy steel harden to HRC 52-56
- All critical surface are precision ground
- Concentricity is less than 0.0001" from taper to end mill pocket
- Each holder comes with a lab certificate on its taper accuracy and runout measurement
- Coolant through capability



4001-8468

Item	Taper	Collet Series	Nut Diameter	Projection Length	Range	Price
4001-8466	HSK63A	ER16	1.10"	3.15"	1/32"-3/8"	\$238.00/PC
4001-8467	HSK63A	ER16	1.10"	3.94"	1/32"-3/8"	\$238.00/PC
4001-8468	HSK63A	ER16	1.10"	6.30"	1/32"-3/8"	\$258.00/PC
4001-8469	HSK63A	ER20	1.34"	6.30"	1/16"-1/2"	\$258.00/PC
4001-8479	HSK63A	ER32	1.97"	3.94"	3/32"-25/32"	\$238.00/PC
4001-8470	HSK63A	ER40	2.48"	3.15"	1/8"-1"	\$238.00/PC
4001-8471	HSK63A	ER40	2.48"	4.72"	1/8"-1"	\$258.00/PC

## HSK TOOLING TIGHTENING FIXTURE

**Features:**

- For HSK 63 A/E, NBT40/ BT40.
- With ball bearing.



Item#HSK0-0063 **\$155<sup>00</sup><sub>pc</sub>**

## 3" DIA. 7 FLUTE, 90° SQUARE SHOULDER INDEXABLE FACE MILL WITH 7PCS APKT1604 INSERTS WITH CATERPILLAR V-FLANGE CAT-40 FACE MILL HOLDER



Item#7104-4518

**\$268<sup>00</sup><sub>pc</sub>**

**Features:**

- All "V" flange tooling are interchangeable with brown & sharp, burgmaster, carbonyl, cincinnati milacron, de vlieg, erickson, excelled, mooggy, print & whiney, universal, valence, white sand strand and other machining centers.
- Shank: CAT40 x 1" - 2-1/16"
- Draw bar thread: 5/8"-11
- 6780-7104 as Page 24, 58

**Features:**

- Cutting diameter: 3"
- 90° cutting angle
- Screw down insert
- Radial rake angle: -10°
- Axial rake angle: +7°
- All types of square shoulder face milling, side milling and full slot milling (shaft end mills) of steels, alloyed steels, stainless and heat resistant steels, case irons and aluminum alloys.
- 4508-0018 as Page 63