



LATHE & SHAPING TOOLING

DIN 4964**M42 HSS-E Co 10%**

HSS Tool Bits – M42 Cobalt 10%

DESCRIPTION & FEATURES

Premium grade square turning tool bits manufactured from M42 10% Cobalt high-speed steel. Engineered for high heat resistance and wear retention during heavy machining of tough materials including stainless steels, titanium alloys, and high-tensile steels.

- ▶ 10% Cobalt content ensures superior red-hardness at elevated cutting temperatures.
- ▶ Beveled ends at 15°, factory ground for immediate shape customization.
- ▶ Precision ground on all sides with tight squareness tolerances.
- ▶ Ideal for lathe turning, facing, boring, and parting operations.



TECHNICAL SPECS

Cutting Speed 18 – 35m/min
(Steel / Stainless)

Hardness Rating 66 – 68 HRC

Recommended Material Stainless Steel, Titanium, Inconel, Cast Iron

Standard Tolerance h9 / ISO 286

SKU & Dimensional Ordering Matrix

SKU	GTIN / BARCODE	DIMENSIONS	GRADE / STANDARD
DJS-TB-M42-025-025-300I	392644290001	1/4 × 1/4 × 3	DIN 4964 M42 HSS Co 10%
DJS-TB-M42-025-025-400I	392644290002	1/4 × 1/4 × 4	DIN 4964 M42 HSS Co 10%
DJS-TB-M42-031-031-400I	392644290003	5/16 × 5/16 × 4	DIN 4964 M42 HSS Co 10%
DJS-TB-M42-037-037-400I	392644290004	3/8 × 3/8 × 4	DIN 4964 M42 HSS Co 10%
DJS-TB-M42-037-037-600I	392644290005	3/8 × 3/8 × 6	DIN 4964 M42 HSS Co 10%
DJS-TB-M42-050-050-400I	392644290006	1/2 × 1/2 × 4	DIN 4964 M42 HSS Co 10%
DJS-TB-M42-050-050-600I	392644290007	1/2 × 1/2 × 6	DIN 4964 M42 HSS Co 10%
DJS-TB-M42-075-075-600I	392644290008	3/4 × 3/4 × 6	DIN 4964 M42 HSS Co 10%