



Cleanliness is the key to toolholding success

ACCURATE

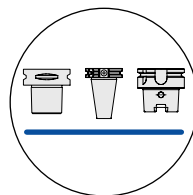
For best CNC Machining results, clean toolholders are mandatory. Get precision, longer tool life and avoid damages at your machine spindle with regular cleaning of the holder interfaces.

STANDARDIZED

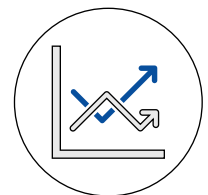
All spindle interfaces (HSK, SK, BT, CAT, CAPTO) can be cleaned effortlessly and fast. The taper cleaner is compatible with all manufacturers and brands.

TCD-TAPER CLEANING DEVICE

The easy-to-use, solvent-free, mechanical cleaning solution for all your taper interfaces. Get best precision thanks to cleanliness.



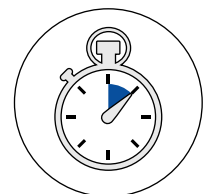
Different taper interfaces,
independent of manufacturer



Increase productivity,
reduce waste



Environment friendly, solvent-free,
mechanical cleaning



Short cleaning time,
automated with Timer



Before



After

- X** Dried emulsion/oil, small chips and other partially resinous dirt residues on a toolholder taper can eventually become a serious interference at the machine tool spindle-toolholder interface
- X** Dirtiness causes bad runout and stresses the spindle. Negative impacts are excessive tool wear out, low accuracy and even possible spindle revision
- X** Risk of contamination of other toolholders which will be clamped in dirty spindle
- X** Additional costs for new holders to replace dirty and destroyed toolholders

- ✓** A contamination-free toolholder and machine tool spindle interface ensures toolholders properly seat at full taper contact and are pulled into the spindle taper at maximum force
- ✓** Clean tooling is mandatory to get the machine's full power and tolerance capabilities
- ✓** Cleaned toolholders offer perfect runout accuracy
- ✓** Increased runout accuracy of cutting tool
- ✓** Increased service of cutting tool life
- ✓** Protects machine spindle
- ✓** No change of taper tolerance after cleaning



Cleaning Adapter



Base Unit

Type	Part no.
Base Unit	
TCD-BU	7821.00000
TCD / SK	
TCD / SK 30*	7822.30100
TCD / SK 40*	7822.40100
TCD / SK 50*	7822.50100
TCD / HSK-A C E	
TCD / HSK-A C E 25	7822.25300
TCD / HSK-A C E 32	7822.32300
TCD / HSK-A C E 40	7822.40300
TCD / HSK-A C E 50	7822.50300
TCD / HSK-A C E 63	7822.63300
TCD / HSK-A C E 80	7822.80300
TCD / HSK-A C E 100	7822.00300

Type	Part no.
TCD / HSK-B D F	
TCD / HSK-B D F 50	7822.50400
TCD / HSK-B D F 63	7822.63400
TCD / CAPTO	
TCD / C4	7822.04700
TCD / C5	7822.05700
TCD / C6	7822.06700
TCD / C8	7822.08700

*SK is compatible with all Steep taper like BT / CAT / ISO
Other cleaning adapters available on request



TCD offers easy and effortless removal of dried emulsion, cutting oil, flash rust and other partially resinous dirt residues.