

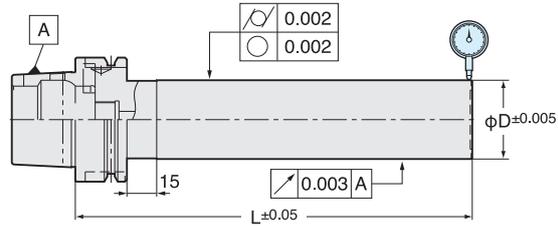
HSK TEST BAR

NIKKEN

Indispensable for checking your machine spindle. Sub-zero treatment keeps accuracy to prevent from the deformation. Each test bar is provided in a safety wooden box.



TB



Exact size of φD and L are marked on each test bar.

TAPER	Code No.	φD	L	Weight (Kg)	Run-out at total length	Circularity, Cylindricity
HSK 40A	HSK 40A-TB30-150	30	150	1.0	Within 0.003mm	Within 0.002mm
HSK 50A	HSK 50A-TB40-200	40	200	2.2		
HSK 63A	HSK 63A-TB40-200	40	200	2.4		
HSK100A	HSK100A-TB50-300	50	300	6.3		

★The different dimension of φd and L are available, e.g. HSK100A-TB50-400
But, the accuracy standard will be different. Please contact us.

The inspection certificate traceable to the national standard is available with charge.

HSK LUBRICATION PIPE

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TAPER	Lubrication Pipe Code No.		Wrench Code No. for Movable type*1
	Movable	Stationary	
HSK 40A	HSK 40-LP	HSK 40-LPS	HSK 40-LPL
HSK 50A	HSK 50-LP	HSK 50-LPS	HSK 50-LPL
HSK 63A	HSK 63-LP	HSK 63-LPS	HSK 63-LPL
HSK100A	HSK100-LP	HSK100-LPS	HSK100-LPL

*Wrench for movable type marked *1 is as an option.
★Standard wrench can be used for stationary type.
HSK40-LPS:W=5, HSK50-LPS:W=5, HSK63-LPS:W=6, HSK100-LPS:W=8
★Stationary type is popular but, movable type is used for the M/C of JTEKT, TSUGAMI, KOMATSU NTC or TAKIZAWA. Please check your M/C specification.

Caution

- For the HSK M/C with centre through coolant delivered via the tool clamping system, please make sure that the lubrication pipe is fitted in the rear of the HSK tool. This will prevent coolant from flooding the hollow chamber of the HSK Tool.
- For the HSK M/C without centre through coolant facility, but only external coolant source, care must be taken to prevent coolant from entering the front nose of chuck or collet slots and so contaminating the hollow area of the chuck. Please fit recommended plug. Please add "-LPGP" at the end of HSK No. e.g. HSK63-LPGP

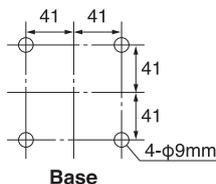
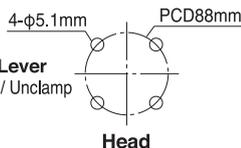
TOOL CLAMPER for HSK TOOLING

NIKKEN

NEW



Changeable Lever
Clamp / Neutral / Unclamp



TCL-GH clasper is designed for symmetrical holders without drive key slots or U-groove. The TCL-GH clasper is also suitable for the other shank tooling with same flange diameter as E & F type. e.g. TCL-GH63 is suitable for HSK63A, 63E, 63F, BT40 and NC5-63. By changing the clasper heads to the suitable sizes, the same TCL-BD base can be used for the other sizes of shank.

Clasper Code No.	Base Code No.	Head Code No.	Applicable Shank
TCL- 25GH	TCL-BD	TCL- 25HD	HSK 25E
TCL- 32GH		TCL- 32HD	HSK 32E
TCL- 40GH		TCL- 40HD	HSK 40A, 40E
TCL- 46GH		TCL- 46HD	BT30, NC5-46
TCL- 50GH		TCL- 50HD	HSK 50A, 50E
TCL- 63GH		TCL- 63HD	HSK 63A, 63E, 63F, BT40, NC5-63
TCL-100GH		TCL-100HD	HSK100A, BT50, NC5-100

HSK