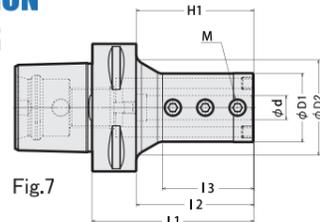


# TURNING SIDE LOCK HOLDER

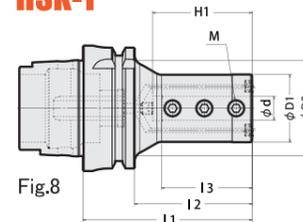
All tools are anti-rust treated.



**POLYGON TAPER C6**



**HSK-T**

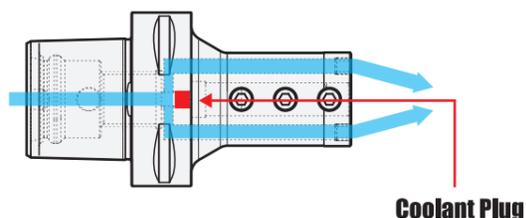


C6 type shown

TAPER SHANK	CODE No.	d	D1	D2	I1	I2	I3	H1	M	Fig.	WEIGHT (kg)
C6	C6-SLT8 -70	8	25	40.9	70	48	32.7	46	M6 P=1	7	0.9
	C6-SLT10 -70	10	29	42					M8 P=1		1.0
	C6-SLT12 -80	12	34	47	80	58	45.1	58	M10 P=1.25		1.1
	C6-SLT16 -90	16	40	46.4							1.3
	C6-SLT20 -90	20	50	-	100	78	-	75	M12 P=1.5		1.6
	C6-SLT25-100	25	55								1.7
	C6-SLT32-110	32	64	110	88	97	98	M16 P=1.5	2.4		
	C6-SLT40-130	40	80						70		108
HSK63T	HSK63T-SLT8 -75	8	25	42	75	49	32.7	37	M6 P=1	8	1.0
	HSK63T-SLT10 -80	10	29		80	54	41.1	45	M8 P=1		1.2
	HSK63T-SLT12 -85	12	34	47.8	85	59	45.5	50	M10 P=1.25		1.2
	HSK63T-SLT16-100	16	40	54.7	100	74	59.7	65			1.5
	HSK63T-SLT20-100	20	50	-					105		79
	HSK63T-SLT25-105	25	55		105	79	72	M12 P=1.5			
	HSK63T-SLT32-115	32	64	62	115	89	83	79	M16 P=1.5		2.5
	HSK63T-SLT40-135	40	80								135

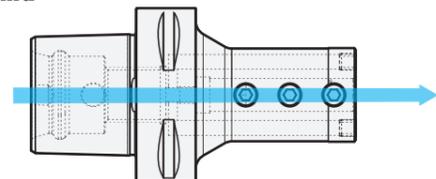
## Switching Coolant Way

■ Side thru with adaptive nozzle



Coolant Plug

■ Center-thru



Remove Coolant Plug

## High Pressure Coolant-thru supported (7 MPa)

- Thanks to special sealing system, high pressure coolant-thru up to 7 MPa is supported.
- Good solution for deep hole non-step drilling.

# NIKKEN TURNING TOOL FOR MULTI-TASKING MACHINE

NEW SQUARE TOOL HOLDER & SIDE LOCK HOLDER



Polygon Taper

HSK-T



C6



HSK63T



HIGH ACCURACY, RIGIDITY NIKKEN MILL, TURN TOOLING SYSTEM

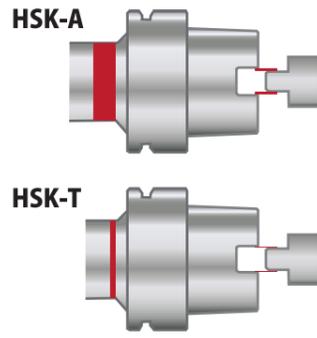
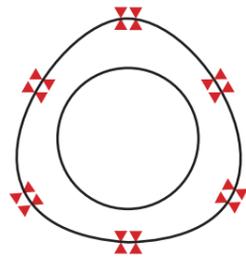


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# BEST SOLUTION FOR MULTI-TASKING

## 2 TYPES OF TOOL SHANK



### High accurate, high rigid polygon taper shank (ISO26623)

- ◆ Ideal face contact between 1/20 taper and flange
- ◆ Accuracy: high repeatability & positioning accuracy
- ◆ Rigidity: high flexural & torsional rigidity

### HSK-T tool shank, perfectly interchangeable with milling type HSK-A shank (ISO12164-3, JISB6064-3)

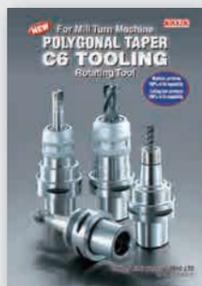
- ◆ Advanced face contact system optimized for turning
- ◆ Accuracy: strict fitting tolerance of drive-key
- ◆ Rigidity: controlled tool length optimized for turning

Deliver a steady stream of both turning tools and milling tools

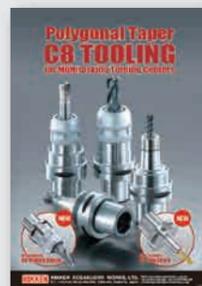
## TURNING TOOL

<b>NEW SQUARE TOOL HOLDER</b>	45 degree	C6 HSK-63T
	90 degree	C6 HSK-63T
	180 degree	C6 HSK-63T
<b>NEW SIDE LOCK HOLDER</b>		C6 HSK-63T

Refer to the following brochures for other tools.



C6 TOOLING



C8 TOOLING

## MILLING TOOL \* Refer to C6 tooling, C8 tooling brochures.

- **SIDE LOCK HOLDER** Coming Soon C6  
HSK-63T
- **FACE MILL ARBOR (FOR HIGH FEED OIL-HOLE CUTTER)** Coming Soon C6  
HSK-63T
- **MILLING CHUCK** C6/C8
- **SLIM CHUCK** C6/C8
- **MAJOR DREAM MILLING CHUCK** C6
- **MAJOR DREAM HOLDER** C6
- **MAJOR DREAM PRO ENDMILL** C6
- **MODULAR TYPE BORING HEAD** C6

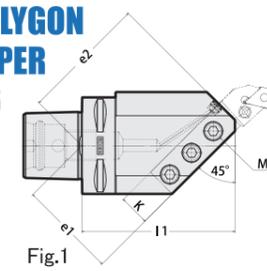
## TURNING SQUARE TOOL HOLDER

All tools are anti-rust treated.

45 degree



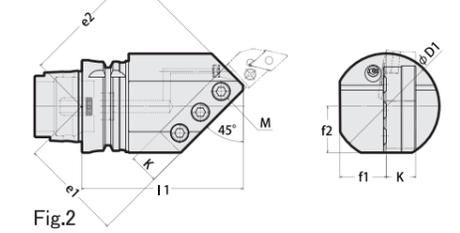
### POLYGON TAPER C6



C6 type shown

Layout shows left hand tool

### HSK-T



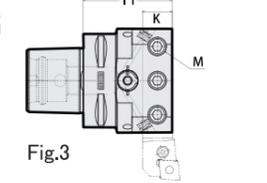
NEW

TAPER SHANK	CODE No.	HAND	TOOL BIT SIZE	D1	f1	e1	e2	f1	f2	K	M	Fig.	WEIGHT (kg)
C6	C6-45-TH20R-100	R	20	70	100	64	82.5	29	31.5	20	12	1	2.3
	C6-45-TH20L-100	L											
	C6-45-TH25R-110	R	25	80	110	77	85	37.5	35	25	12		3.1
	C6-45-TH25L-110	L											
HSK63T	HSK63T-45-TH20R-110	R	20	72	110	70	88	31.6	31.5	20	12	2	2.5
	HSK63T-45-TH20L-110	L											
	HSK63T-45-TH25R-120	R	25	80	120	84	92	37.5	35	25	12		3.3
	HSK63T-45-TH25L-120	L											

90 degree



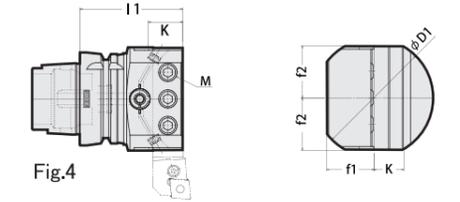
### POLYGON TAPER C6



C6 type shown

Fig.3

### HSK-T



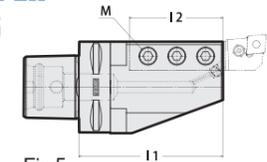
NEW

TAPER SHANK	CODE No.	HAND	TOOL BIT SIZE	D1	f1	f1	f2	K	M	Fig.	WEIGHT (kg)
C6	C6-90-TH20N-60	N	20	80	60	31.6	35	20	12	3	1.7
	C6-90-TH25N-70		25		70			25			1.6
HSK63T	HSK63T-90-TH20N-70	N	20	80	70	31.6	33	20	12	4	1.9
	HSK63T-90-TH25N-80		25		80			34			25

180 degree



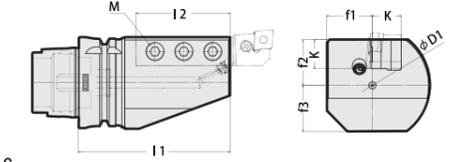
### POLYGON TAPER C6



C6 type shown

Layout shows right hand tool

### HSK-T



NEW

TAPER SHANK	CODE No.	HAND	TOOL BIT SIZE	D1	f1	f2	f1	f2	f3	K	M	Fig.	WEIGHT (kg)
C6	C6-180-TH20R-100	R	20	80	100	65	31.6	31.5	32	20	12	5	2.5
	C6-180-TH20L-100	L											
	C6-180-TH25R-115	R	25	115	75	31.6	31.5	32	25	12	2.7		
	C6-180-TH25L-115	L											
HSK63T	HSK63T-180-TH20R-105	R	20	80	105	65	31.6	31.5	32	20	12	6	2.6
	HSK63T-180-TH20L-105	L											
	HSK63T-180-TH25R-115	R	25	115	75	31.6	31.5	32	25	12	2.7		
	HSK63T-180-TH25L-115	L											