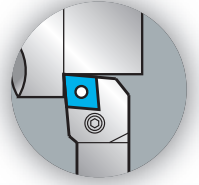


THE NEW VALUE FRONTIER



For Small Lathes and Turning Mills

# The Short Shank Tool Holder

- 20mm square shank holders with OAL = 100mm
- 100mm is a common length chosen when a toolholder must be cut off
- Shorter length is ideal for use in turning mills

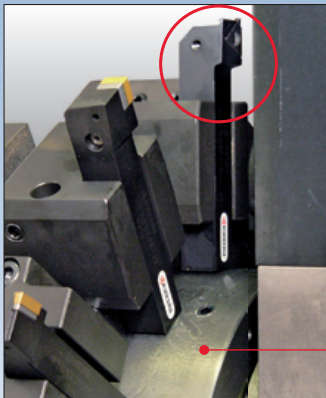


Short shank type PCLNR2020H-12



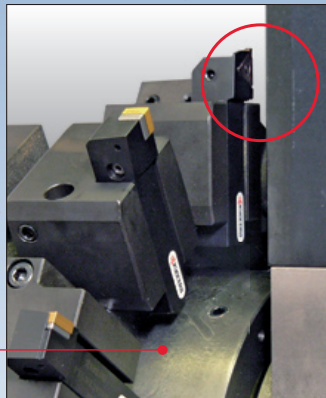
Conventional tool holder PCLNR2020K-12

Conventional tool holder



Toolholder is contacting the tool post drum, resulting in greater overhang and decreased rigidity.

Short shank type



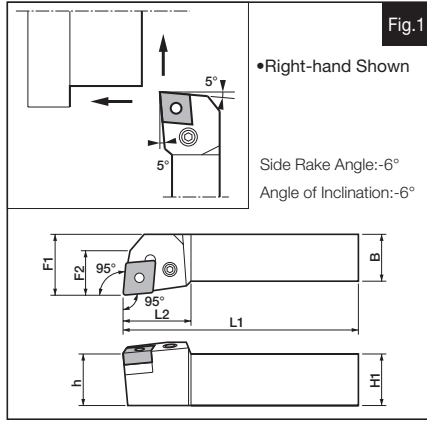
Shorter holder does not contact the post drum allowing users to choose the appropriate over hang.

Shorter shank eliminates the need for cut off!

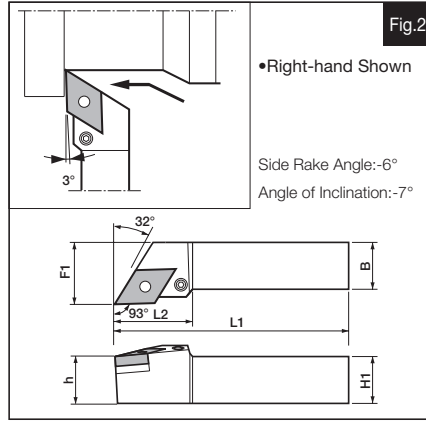


ADVANCING PRODUCTIVITY

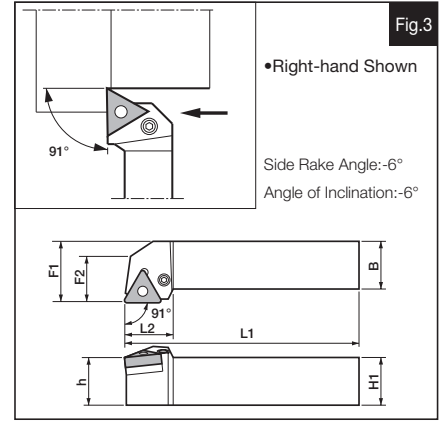
## PCLN Type (External/Facing)



## PDJN Type (External/Copying)



## PTGN Type (External)



### Toolholder Dimension

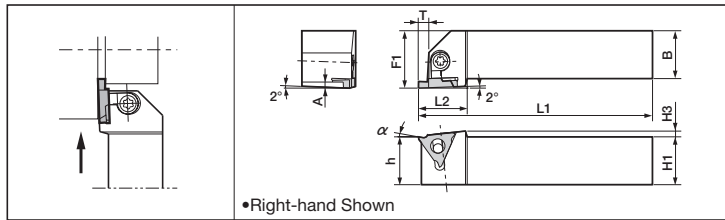
Description	Stock	Dimension (mm)						Std. Corner-R (rε)	Shape	Spare Parts					
		H1=h	B	L1	L2	F1	F2			Lever	Lock Screw	Shim	Shim Pin	Punch	Wrench
PCLNR2020H-12	●				27		20	0.8	Fig.1	LL-2N (LL-2)	LS-2N (LS-2)	LC-42N (LC-42)	LSP-2	PC-2	LW-3
PDJNR2020H-15	●	20	20	100	36	25	-		Fig.2	LL-3N (LL-3)	LS-2N (LS-2)	LD-42 *LD-42-20			
PTGNR2020H-16	●				24		20		Fig.3	LL-1N (LL-1)	LS-1N (LS-1)	LT-32N *LT-32N-20 (LT-32)	LSP-1	PC-1	FH-2.5

• Part numbers with 'N' (e.g. LL-2N, LS-2N, LC-42N, etc.) are noted accordingly.

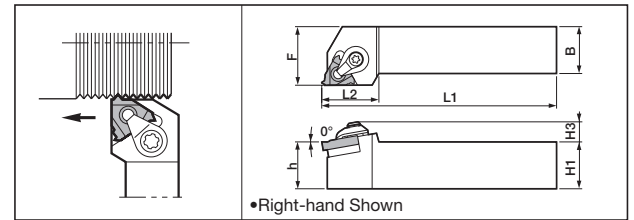
• When using inserts whose corner R (rε) is greater than 1.6mm, please purchase a shim with \*mark in order to prevent work piece and shim from contacting each other.

●Standard Stock

## KGBA Type (External Grooving)



## KTN Type (External Threading)



### Toolholder Dimension (KGBA Type)

Description	Stock	Dimension (mm)								Spare Parts		Applicable Insert
		H1=h	H3	B	L1	L2	F1	A	T	Clamp Set	Wrench	
KGBAR 2020H22-15	●	20	4.0	20	100	25.5	25	1.0	4.0	LGBA-22 <sup>R</sup> /LS	FT-15	GBA43 <sup>R</sup> /L
	2.0							4.5				
	3.0							5.5				

• Dimension T shows the distance from the Toolholder to the cutting edge. Dimension B shows maximum grooving depth.

• Clamp Set: KGBAR/L...LGBA-○RS for Right-hand Toolholder.

• α indicates the rake angle at the center of the edge with, after installing insert. For α's detail, please see Kyocera general cutting tool catalog.

●Standard Stock

### Toolholder Dimension (KTN Type)

Description	Stock	Dimension (mm)						Spare Parts			
		H1=h	H3	B	L1	L2	F	Clamp Set	Wrench	Shim	Shim Screw
KTNR2020H-16	●	20	8.5	20	100	25	25	CPS-5S	FT-15	TN-32 (TNW-32)	SP3X8

• Shim: When using 2-Thread Insert such as TNN32ER100M02, Purchase TNW-32 separately.

• STATEMENT IS NOT NECESSARY SINCE THIS IS A SHORT SHANK FLYER ONLY.

Please contact our sales branch office.

●Standard Stock