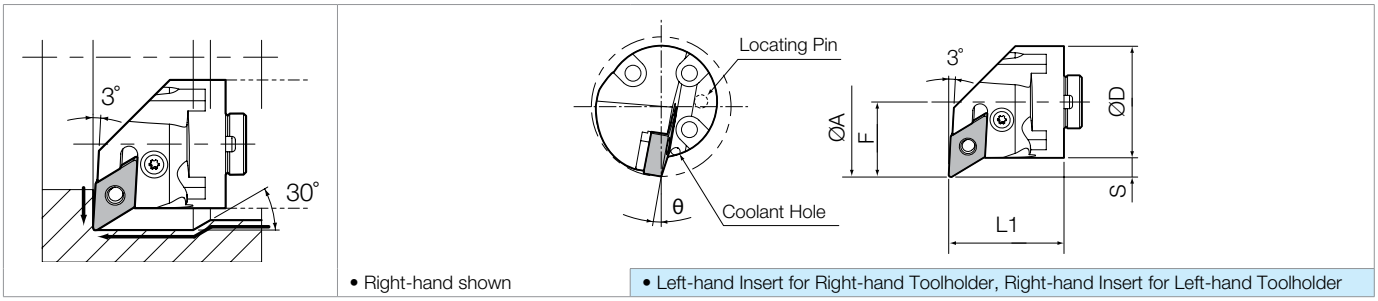
для заказа - kyocera@kyocera-tools.ru

HA...PDUN15 (Copying, with Coolant Hole)



• Right-hand shown

• Left-hand Insert for Right-hand Toolholder, Right-hand Insert for Left-hand Toolholder

Toolholder Dimensions

Part Number	Stock		Min. Bore Dia.	Dimensions (mm)				θ	Standard Corner-R(rε)	Spare Parts						Applicable Boring Adapter → F76
	R	L	ØA	ØD	L1	F	S			Lever	Lock Screw	Shim	Shim Pin	*Punch	Wrench	
HA32PDUNR/L15-43	○	○	43	32	41	25	9	12°	0.8	LL-3K	LS-3P	LD-4K43 (LD-4K)	LSP-3K	*PC-2K	LTP-15	AD32U
HA40PDUNR/L15-50	○	○	50	40	41	27	7	10°								AD40V
HA50PDUNR/L15-63	○	○	63	50	41	35	10	10°								AD50W

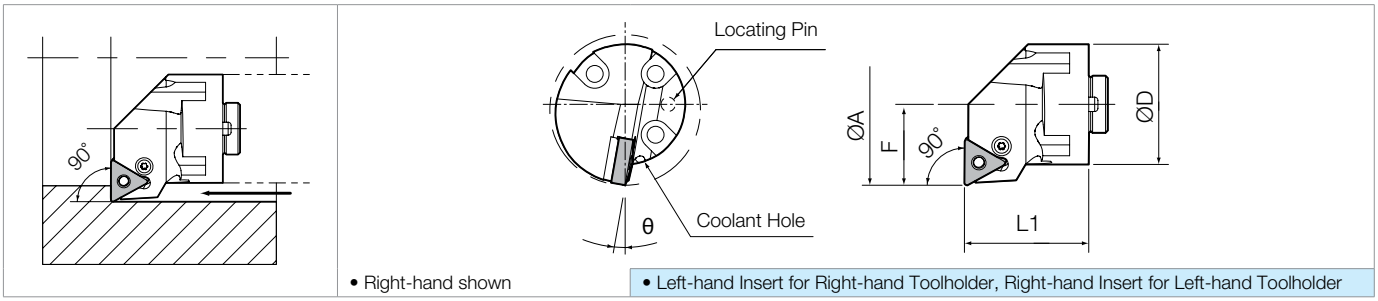
* Punch (*PC-2K): Not included. Purchase separately.
* Shim:LD-4K43 is attached to Toolholder. When using DN□□1506 Insert, purchase LD-4K separately.

Applicable Inserts

Toolholder Part Number	Insert Part Number				Ref. to Page			
	Shim: LD-4K43		Shim: LD-4K		Cermet / Coated Carbide / Carbide	Ceramic	PCD	CBN
HA32PDUNR/L15-43	DN□A DN□G DN□M	43..	DN□A DN□G DN□M	44..	→ B22~B27	→ B91	→ C23	→ C8, C9
HA40PDUNR/L15-50								
HA50PDUNR/L15-63								

Recommended Cutting Conditions → F103~F104

HA...PTFN16 (Internal, with Coolant Hole)



• Right-hand shown

• Left-hand Insert for Right-hand Toolholder, Right-hand Insert for Left-hand Toolholder

Toolholder Dimensions

Part Number	Stock		Min. Bore Dia.	Dimensions (mm)			θ	Standard Corner-R(rε)	Spare Parts						Applicable Boring Adapter → F76
	R	L	ØA	ØD	L1	F			Lever	Lock Screw	Shim	Shim Pin	*Punch	Wrench	
HA32PTFNR/L16-40	○	○	40	32	41	22	10°	0.8	LL-1K	LS-1P	LT-3K	LSP-2K	*PC-2K	LTP-10	AD32U
HA40PTFNR/L16-50	○	○	50	40	41	27	10°								AD40V
HA50PTFNR/L16-63	○	○	63	50	41	35	8°								AD50W

* Punch (*PC-2K): Not included. Purchase separately.

Applicable Inserts

Toolholder Part Number	Insert Part Number		Ref. to Page			
			Cermet / Coated Carbide / Carbide	Ceramic	PCD	CBN
HA32PTFNR/L16-40	TN□A TN□G TN□M	33..	→ B33~B40	→ B95	→ C23	→ C11
HA40PTFNR/L16-50						
HA50PTFNR/L16-63						

Reference

Wrenches (LTP-10, LTP-15) are Torx Plus.
The size of Torx Plus is engraved on the long shaft.

Wrench Part Number	LTP-10	LTP-15
Engraved Size	10IP	15IP

Recommended Cutting Conditions → F103~F104

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