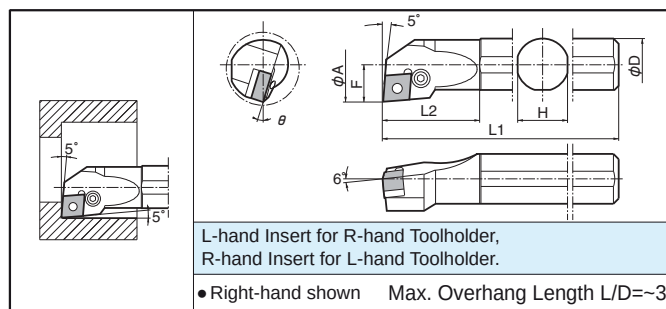
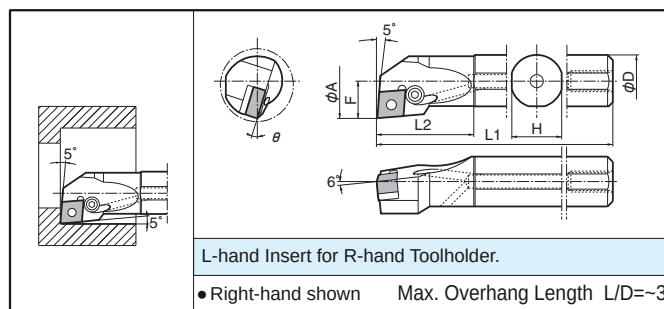


S...PCLN ○○ (Boring / Internal Facing)



A...PCLN09 (Boring / Internal Facing: with Coolant Hole)



● Toolholder Dimensions

Description	(Previous Description)	Std.		Min. Bore Dia.	Dimension (mm)					θ	Standard Corner-R (°)	Spare Parts												
		R	L		øA	øD	H	L1	L2			F	Lever	Lock Screw	Shim	Shim Pin	Punch	Wrench						
S16M-PCLN [®] L 09 -20	PCLN [®] L 2016B-09	●	●	20	16	15	150	34	11	16°	0.8				 LSP		 FH							
S20Q-PCLN [®] L 09 -27	PCLN [®] L 2720B-09	●	●	27	20	19	180	37	14.2	17°		LL-1N	LS-1SN	LC-32N	LSP-1	PC-1	FH-2.5							
S25R-PCLN [®] L 09 -32	3225B-09	●	●	32	25	24	200	42	15.7	15°		LL-1N	LS-1SN	LC-32N	LSP-1	PC-1								
S32S -PCLN [®] L 12 -40	PCLN [®] L 4032B-12	●	●	40	32	30	250	50	21	10°	0.8				 P									
S40T -PCLN [®] L 12 -50	5040B-12	●	●	50	40	37	300	60	25									17°	LL-2N	LS-2N	LC-42N [®] L	LSP-2	PC-2	LW-3
A16M-PCLN [®] L 09 -20	PCLN [®] L 2016B-09H	●	●	20	16	15	150	34	11									16°	LL-03SN	LS-03SN	-	P-03S	-	
A20Q-PCLN [®] L 09 -27	PCLN [®] L 2720B-09H	●	●	27	20	19	180	37	14.2	17°	0.8													
A25R-PCLN [®] L 09 -32	3225B-09H	●	●	32	25	24	200	42	15.7	15°								LL-1N	LS-1SN	LC-32N	LSP-1	PC-1		

- Shim: LC-42NR for R-hand Toolholder. LC-42NL for L-hand Toolholder.

- Applicable Inserts

Applications	Finishing	Finishing-Medium	Finishing	Finishing-Medium	Finishing-Medium	Finishing-Medium	Finishing-Medium	Medium-Roughing	Medium-Roughing	Medium-Roughing	
Ref. Page	B14	B14	B14	B14	B14	B14	B14	B15	B15	B15	
Insert Toolholder	WP  (Wiper)	WQ  (Wiper)	GP 	HQ 	CQ 	CJ 	TK 	GS 	PS 	HS / CS 	
	...-PCLN ^R / _L 09-...	-	-	CNMG0904..	CNMG0904..	-	-	-	CNMG0904..	-	-
	...-PCLN ^R / _L 12-...	CNMG1204..	CNMG1204..	CNMG1204..	CNMG1204..	CNMG1204..	CNMG1204..	CNMP1204..	CNMG1204..	CNMG1204..	CNMG1204..
Applications	Medium-Roughing	Medium-Roughing High Feed Rate	Roughing	One side / Roughing* High Feed Rate	Finishing	Medium cutting	Medium-Roughing / Low Cutting Resistance type	Soft Steel Finishing	Soft Steel / Medium cutting	Soft Steel / Roughing	
Ref. Page	B15	B15	B16	B16	B18	B18	B18	B16	B16	B16	
Insert Toolholder	PT 	GT 	Standard 	PX 	^R / _L -S 	^R / _L 	^R / _L -25R 	XP (-T) 	XQ 	XS 	
	...-PCLN ^R / _L 09-...	-	-	-	-	CNGG0904..	CNGG0904..	-	-	-	-
	...-PCLN ^R / _L 12-...	CNMG1204..	CNMG1204..	CNMG1204..	CNMM1204..	-	CNGG1204..	CNGG1204..	CNMG1204..	CNMG1204..	CNMG1204..
Applications	Stainless Finishing	Stainless Medium-Roughing	Stainless Medium to Roughing	Stainless Medium to Roughing	Cast Iron	Cast Iron	Cast Iron	Cast Iron	Cast Iron	Non-ferrous Metals	
Ref. Page	B17	B17	B17	B17	B17	B17	B17	B17	B81	B18	
Insert Toolholder	MQ 	MS 	MU 	TK 	C 	ZS 	GC 	Without Chipbreaker 	Ceramic 	AH 	
	...-PCLN ^R / _L 09-...	-	-	-	-	-	-	-	-	-	-
	...-PCLN ^R / _L 12-...	CNMG1204..	CNMG1204..	CNMG1204..	CNMG1204..	CNMG1204..	CNMG1204..	CNMG1204..	CNMA1204.. CNGA1204..	CNMA1204.. CNGA1204..	CN_G1204..
Applications	Non-ferrous Metals	Non-ferrous Metals	Hard Materials								
Ref. Page	B18	C17	C5								
Insert Toolholder	^R / _L -A3 	PCD 	CBN 								
	...-PCLN ^R / _L 09-...	-	-	-							
	...-PCLN ^R / _L 12-...	CNGG1204..	CNMM1204..	CNGA1204..							

For recommended cutting conditions, see page  **F77~F78**

● Applicable Coolant Sleeve / Joint

Toolholder	Applicable Coolant Sleeve	Applicable Coolant Joint
A16M-PCLN^R/09-20	SHC1640-70, SHC1650-95	SJS-8
A20Q-PCLN^R/09-27	SHC2040-70, SHC2050-95	
A25R-PCLN^R/09-32	SHC2540-70, SHC2550-95	

- For Coolant Sleeve, Coolant Joint, see **F76**.

● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)

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