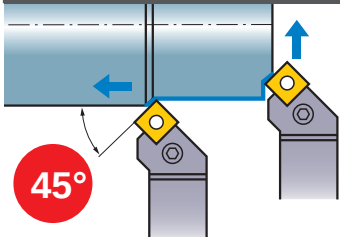
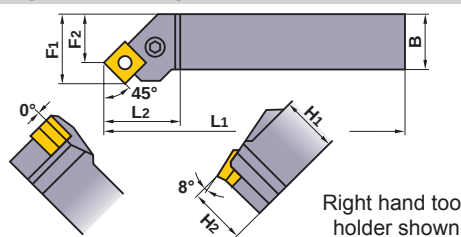


EXTERNAL TURNING TOOLS

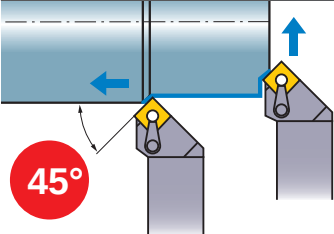
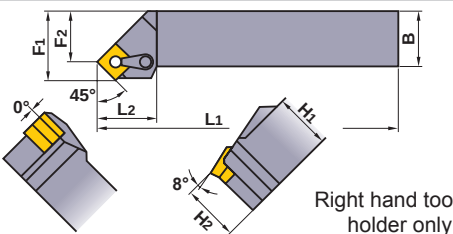
SN INSERTS
TOOL HOLDERS

EXTERNAL TURNING

PSSN		External turning, Facing, Chamfering										LL type		Finish		Light		Medium		Medium	
												FH		LP		MP		MK			
												(09,12)		(12)		(12,15,19)		(12)			
												Medium to Rough		Stainless		G Class		CBN			
45°												RP		MS		R/L					
												(12)		(09,12,15,19)		(09,12)		(12)			
Order Number		Stock		Insert Number		Dimensions (mm)															
						H1	B	L1	L2	H2	F1	F2	Shim	Shim Pin	Clamp Lever	Clamp Screw	Wrench				
PSSNR/L1616H09		●	●	SNMA SNMG SNMM SNGA SNGG	0903	16	16	100	22	16	20	(14)	LLSSN33	LLP23	LLCL13	LLCS106	HKY25R				
2020K12		●	●		1204	20	20	125	31	20	25	(17)	LLSSN42	LLP14	LLCL14	LLCS108	HKY30R				
2525M12		●	●		1204	25	25	150	31	25	32	(24)	LLSSN42	LLP14	LLCL14	LLCS108	HKY30R				
3232P15		●	●		1506	32	32	170	34	32	40	(29)	LLSSN53	LLP15	LLCL25	LLCS508	HKY30R				
3232P19		●	●		1906	32	32	170	40	32	40	(27)	LLSSN63	LLP16	LLCL16	LLCS310	HKY40R				

(Note) When facing or chamfering only and using insert with right or left hand breaker, please use left hand insert for right hand holder and right hand insert for left hand holder.

★ Clamp Torque (N • m) : LLCS106=2.2, LLCS108=3.3, LLCS508=3.3, LLCS310=7.0

MSSN				External turning, Facing, Chamfering DOUBLE CLAMP type For heavy cutting								Medium		Medium		Medium		Rough	
				 Right hand tool holder only.								MH  (19)		Standard  (19)		MS  (19)		RP  (19)	
												Heavy  (19)		Heavy  (19)		Heavy  (19)		M Class  (19)	
												HZ  (19)		HX  (19)		HV  (19)		M Class  (19)	
Order Number	Stock	Insert Number		Dimensions (mm)											 *				
	R			H1	B	L1	L2	H2	F1	F2	Shim	Shim Pin	Clamp Bridge	Clamp Screw	Wrench				
MSSNR3232P19	●	SNMG SNMM SNMA	1906	32	32	170	44	32	40	27	MSSN63	MP6	CKW6	LS25	HKY40R				
4040R19	●		1906	40	40	200	44	40	50	37	MSSN63	MP6	CKW6	LS25	HKY40R				

★ Clamp Torque (N • m) : LS25=8.2

(Note) Insert photo, letters show chip breaker style, figures show insert dimensions.

● : Inventory maintained.

PSSN type inserts > A105—A109

MSSN type inserts > A106—A109

CBN & PCD inserts > B027, B049

RECOMMENDED CUTTING CONDITIONS > A070