

BORING BARS

P TYPE
BORING BARS

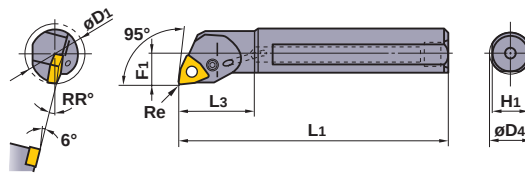
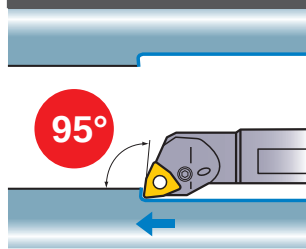
- ISO standard.
- Economical negative insert.
- Lever lock type and pin lock type.
- l/d is 3 times the diameter.

PWLN

With coolant hole

WN $\circ$ inserts

Light	Medium
SH  (06)	MP  (06)
Stainless MM  (06)	



Right hand tool holder shown.

Order Number	Stock		Insert Number		Dimensions (mm)							D1	Min. Cutting Diameter	Standard Corner Radius	Re		 *		
	R	L			D4	L1	L3	F1	H1	RR°	Clamp Lever					Clamp Screw	Wrench	Plug	
A16MPWLN/R/L06	●	●	WNMG	06T3	16	150	25	11	14	15	20	0.8	LLCL13S	LLCS105	HKY20R	HGM-PT1/8			
A20QPWLN/R/L06	●	●		06T3	20	180	32	13	18	13	25	0.8	LLCL13S	LLCS105	HKY20R	HGM-PT1/8			
A25RPWLN/R/L06	●	●		06T3	25	200	40	17	23	13	32	0.8	LLCL13S	LLCS105	HKY20R	HGM-PT1/4			

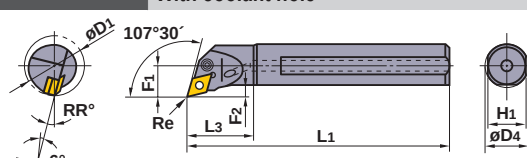
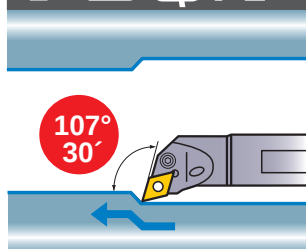
★ Clamp Torque (N • m) : LLCS105=1.5

PDQN

With coolant hole

DN $\circ$ inserts

Finish	Light	Medium	Medium
FH  (15)	LP  (15)	MP  (15)	MH  (15)
Medium	Stainless	G Class	CBN
Standard  (15)	MM  (15)	R/L  (15)	 (15)



★1 Pin Lock Type

Right hand tool holder shown.

Order Number	Stock		Insert Number	Dimensions (mm)																		
	R	L		D4	L1	L3	F1	F2	H1	RR°												
*1 A25RPDQNR/L15	●	●	DNMA DNMG DNMM DNGA DNGG		25	200	40	17	6.9	23	13	32	0.8	MLDP42	—	—	—	HKY15R HKY30R	HGM-PT1/4	HP43	P210AM	HSS03005
A32SPDQNR/L15	●	●			32	250	50	22	8.4	30	13	44	0.8	LLSDN42	LLP14	LLCL24	LLCS108S	HKY30R	HGM-PT3/8	—	—	—
A40TPDQNR/L15	●	●			40	300	63	27	9.4	37	10	54	0.8	LLSDN42	LLP14	LLCL24	LLCS108S	HKY30R	HGM-PT3/8	—	—	—
A50UPDQNR15	★				50	350	80	35	12.4	47	9	70	0.8	LLSDN42	LLP14	LLCL24	LLCS108S	HKY30R	HGM-PT3/8	—	—	—

★2 Clamp Torque (N • m) : LLCS108S=3.3, HP43=3.3

(Note 1) Insert photo, letters show chip breaker style, figures show insert dimensions.

(Note 2) When using inserts with right or left hand chip breakers, please use left hand inserts for right hand holders and right hand inserts for left hand holders.

● : Inventory maintained. ★ : Inventory maintained in Japan.

WN $\circ$ type inserts > A119—A121DN $\circ$ type inserts > A098—A103

CBN & PCD inserts > B024, B025, B048