

PWLN (External / Facing)

Side Rake Angle: -6°
Angle of Inclination: -6°

• Right-hand shown

Applicable Inserts

Toolholder	Insert
PWLN%...12-3B	WN□G 33..
PWLN%...16-3D	WN□A 33..
PWLN%...-06	WN□G 43..
PWLN%...-08	WN□M 43..

Toolholder Dimensions

Part Number	Stock		Unit	Dimensions						Standard Corner-R(ε)	Spare Parts					
	R	L		H1=h	B	L1	L2	F1	F2		Lever	Lock Screw	Shim	Shim Pin	Punch	Wrench
PWLN% 12-3B	●		inch	0.75	0.75	4.50	0.87	1.00	-	1/32	LL-1N	LS-1N	LW-32N	LSP-1	PC-1	FH-2.5
PWLN% 16-3D	●		inch	1.00	1.00	6.00	0.87	1.25	-							
PWLN% 1616H-06	○	○	mm	16	16	100	22	20	-							
PWLN% 2020K-06	○	○	mm	20	20	125	22	25	-	0.8	LL-1N	LS-1N	LW-32N	LSP-1	PC-1	FH-2.5
PWLN% 2525M-06	○	○	mm	25	25	150	22	32	-							
PWLN% 2020K-08	○	○	mm	20	20	125	26	25	-	0.8	LL-2N	LS-2N	LW-42N	LSP-2	PC-2	LW-3
PWLN% 2525M-08	○	○	mm	25	25	150	26	32	23							

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WWLN% 2020K type:
Shim Nut sticks out as shown below.

Applicable Inserts

Toolholder	Insert
WWLN%...-08	WN□A 43..
	WN□G 43..
	WN□M 43..

Toolholder Dimensions

Part Number	Stock		Unit	Dimensions						Standard Corner-R(ε)	Spare Parts				
	R	L		H1=h	B	L1	L2	F1	F2		Clamp Set	Shim	Shim Pin	Shim Nut	Wrench
WWLN% 2020K-08	○	○	mm	20	20	125	30	25	-	1.2	WCS-8	WWN-42	WP5X15	WN-1	LW-3
WWLN% 2525M-08	●	○	mm	25	25	150	30	32	2.5						

Applicable Inserts

Application	Finishing	Finishing-Medium	Finishing	Finishing-Medium	Finishing-Medium	Finishing-Medium	Medium-Roughing	Medium-Roughing	Medium-Roughing
Ref. Page	• B43	• B43	• B43	• B43	• B44	• B44	• B44	• B44	• B45
Insert	WP (Wiper)	WQ (Wiper)	PP	PQ	CQ	CJ	GS	PG	PS
Size	43..	43..	43..	43..	43..	43..	33.., 43..	43..	43..
Application	Medium-Roughing / High Feed Rate	Roughing	Finishing	Medium	Soft Steel / Finishing	Soft Steel / Medium	Soft Steel / Roughing	Stainless Steel / Finishing	Stainless Steel / Medium-Roughing
Ref. Page	• B45	• B45	• B48	• B48	• B46	• B46	• B46	• B47	• B47
Insert	PT	Standard	%-S	%	XP	XQ	XS	MQ	MS
Size	43..	43..	33..	33..	43..	43..	43..	43..	43..
Application	Stainless Steel / Medium-Roughing	Cast Iron	Cast Iron	Cast Iron	Non-ferrous Metals	Cast Iron	Non-ferrous Metals	Hard Materials	
Ref. Page	• B47	• B48	• B48	• B48	• B48	• B96	• C23	• C13	
Insert	MU	C	ZS	GC	AH	Ceramic	PCD	CBN	
Size	43..	43..	43..	43..	43..	43..	43..	43..	

• In wedge lock, use of ceramic insert other than silicon nitride insert is not recommended due to strong restrain force.

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Recommended Cutting Conditions • D41-D42

● : U.S. Stock Standard
○ : World Express (Shipping: 7-10 Business Days)