

DRILLING (SOLID CARBIDE)

CARBIDE

MPS1
Double margin type

- New accumulated AlTiCrN based PVD coating.
- MPS double margin type for accurate and reliable drilling.
- All drills with through coolant holes as standard.

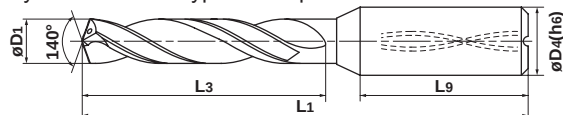


Carbon Steel Alloy Steel	Hardened Steel	Stainless Steel	Cast Iron	Light Alloy	Heat Resistant Alloy
◎		○	◎		

	$3 \leq D_1 \leq 6$	$6 < D_1 \leq 10$	$10 < D_1 \leq 18$	$18 < D_1 \leq 20$
$\begin{matrix} \uparrow \\ \downarrow \end{matrix}$	$\begin{matrix} +0.010 \\ -0.002 \end{matrix}$	$\begin{matrix} +0.010 \\ -0.005 \end{matrix}$	$\begin{matrix} +0.005 \\ -0.013 \end{matrix}$	$\begin{matrix} +0.005 \\ -0.016 \end{matrix}$
$\begin{matrix} \uparrow \\ \downarrow \end{matrix}$ h6	$\begin{matrix} 0 \\ -0.008 \end{matrix}$	$\begin{matrix} 0 \\ -0.009 \end{matrix}$	$\begin{matrix} 0 \\ -0.011 \end{matrix}$	$\begin{matrix} 0 \\ -0.013 \end{matrix}$

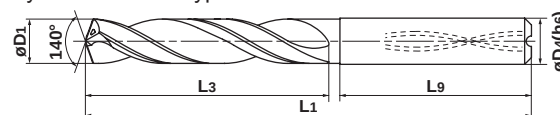
*The coolant hole of $\phi 6$ mm or less will be round shape.

●Type 1 Cylindrical shank type with taper neck



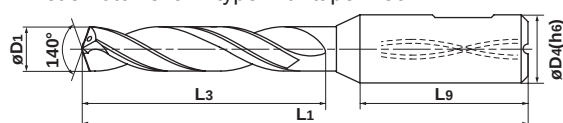
MPS1----S/L-DIN-C

●Type 2 Cylindrical shank type



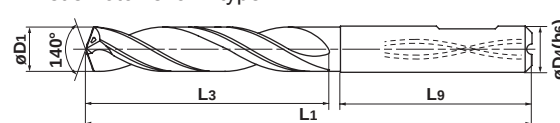
MPS1----S/L-DIN-C

●Type 3 Whistle notch shank type with taper neck



MPS1----S/L-DIN (Whistle notch)

●Type 4 Whistle notch shank type



MPS1----S/L-DIN (Whistle notch)

Drill Dia. D1 (mm)	Hole Depth (l/d)	Stock DP1021	Order Number	Dimensions (mm)				Type
				L1	L3	L9	D4	
3.0	3	□	MPS1-0300S-DIN	62	20	36	6	3
	3	●	-0300S-DIN-C	62	20	36	6	1
	5	□	-0300L-DIN	66	25	36	6	3
	5	●	-0300L-DIN-C	66	25	36	6	1
3.05	3	□	-0305S-DIN	62	20	36	6	3
	3	●	-0305S-DIN-C	62	20	36	6	1
	5	□	-0305L-DIN	66	25	36	6	3
	5	●	-0305L-DIN-C	66	25	36	6	1
3.1	3	□	-0310S-DIN	62	20	36	6	3
	3	●	-0310S-DIN-C	62	20	36	6	1
	5	□	-0310L-DIN	66	25	36	6	3
	5	●	-0310L-DIN-C	66	25	36	6	1
3.2	3	□	-0320S-DIN	62	20	36	6	3
	3	●	-0320S-DIN-C	62	20	36	6	1
	5	□	-0320L-DIN	66	25	36	6	3
	5	●	-0320L-DIN-C	66	25	36	6	1
3.3	3	□	-0330S-DIN	62	20	36	6	3
	3	●	-0330S-DIN-C	62	20	36	6	1
	5	□	-0330L-DIN	66	25	36	6	3
	5	●	-0330L-DIN-C	66	25	36	6	1
3.4	3	□	-0340S-DIN	62	20	36	6	3
	3	●	-0340S-DIN-C	62	20	36	6	1
	5	□	-0340L-DIN	66	25	36	6	3
	5	●	-0340L-DIN-C	66	25	36	6	1
3.5	3	□	-0350S-DIN	62	20	36	6	3
	3	●	-0350S-DIN-C	62	20	36	6	1
	5	□	-0350L-DIN	66	25	36	6	3
	5	●	-0350L-DIN-C	66	25	36	6	1
3.6	3	□	-0360S-DIN	62	20	36	6	3
	3	●	-0360S-DIN-C	62	20	36	6	1
	5	□	-0360L-DIN	66	25	36	6	3
	5	●	-0360L-DIN-C	66	25	36	6	1
3.7	3	□	-0370S-DIN	62	20	36	6	3
	3	●	-0370S-DIN-C	62	20	36	6	1
	5	□	-0370L-DIN	66	26	36	6	3
	5	●	-0370L-DIN-C	66	26	36	6	1

Drill Dia. D1 (mm)	Hole Depth (l/d)	Stock DP1021	Order Number	Dimensions (mm)				Type
				L1	L3	L9	D4	
3.8	3	□	MPS1-0380S-DIN	66	24	36	6	3
	3	●	-0380S-DIN-C	66	24	36	6	1
	5	□	-0380L-DIN	74	34	36	6	3
	5	●	-0380L-DIN-C	74	34	36	6	1
3.9	3	□	-0390S-DIN	66	24	36	6	3
	3	●	-0390S-DIN-C	66	24	36	6	1
	5	□	-0390L-DIN	74	34	36	6	3
	5	●	-0390L-DIN-C	74	34	36	6	1
4.0	3	□	-0400S-DIN	66	24	36	6	3
	3	●	-0400S-DIN-C	66	24	36	6	1
	5	□	-0400L-DIN	74	34	36	6	3
	5	●	-0400L-DIN-C	74	34	36	6	1
4.05	3	□	-0405S-DIN	66	24	36	6	3
	3	●	-0405S-DIN-C	66	24	36	6	1
	5	□	-0405L-DIN	74	34	36	6	3
	5	●	-0405L-DIN-C	74	34	36	6	1
4.1	3	□	-0410S-DIN	66	24	36	6	3
	3	●	-0410S-DIN-C	66	24	36	6	1
	5	□	-0410L-DIN	74	34	36	6	3
	5	●	-0410L-DIN-C	74	34	36	6	1
4.2	3	□	-0420S-DIN	66	24	36	6	3
	3	●	-0420S-DIN-C	66	24	36	6	1
	5	□	-0420L-DIN	74	34	36	6	3
	5	●	-0420L-DIN-C	74	34	36	6	1
4.3	3	□	-0430S-DIN	66	24	36	6	3
	3	●	-0430S-DIN-C	66	24	36	6	1
	5	□	-0430L-DIN	74	34	36	6	3
	5	●	-0430L-DIN-C	74	34	36	6	1
4.4	3	□	-0440S-DIN	66	24	36	6	3
	3	●	-0440S-DIN-C	66	24	36	6	1
	5	□	-0440L-DIN	74	34	36	6	3
	5	●	-0440L-DIN-C	74	34	36	6	1
4.5	3	□	-0450S-DIN	66	24	36	6	3
	3	●	-0450S-DIN-C	66	24	36	6	1
	5	□	-0450L-DIN	74	34	36	6	3
	5	●	-0450L-DIN-C	74	34	36	6	1

● : Inventory maintained. □ : Non stock, produced to order only.