

DRILLING (SOLID CARBIDE)

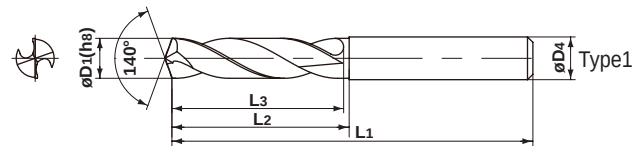
CARBIDE

MWE

- Suitable for high efficiency and high accuracy drilling over a wide variety of materials from general steel to difficult-to-cut materials.
- Suitable for low to high speed cutting. Possible to use in the range of HSS cutting.



Carbon Steel Alloy Steel	Hardened Steel	Stainless Steel	Cast Iron	Light Alloy	Heat Resistant Alloy		D1=3	3<D1≤6	6<D1≤10	10<D1≤18	18<D1≤25
◎	○	○	◎	○	○		$\begin{smallmatrix} 0 \\ -0.014 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.018 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.022 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.027 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.033 \end{smallmatrix}$
							$\begin{smallmatrix} 0 \\ -0.014 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.018 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.022 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.027 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.033 \end{smallmatrix}$
							$\begin{smallmatrix} 0 \\ -0.006 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.008 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.009 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.011 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.013 \end{smallmatrix}$



Drill Dia. D1 (mm)	Hole Depth (l/d)	Coolant (Int./Ext.)	Stock VP15TF	Order Number	Dimensions (mm)				Type
					L3	L2	L1	D4	
3.0	2	Ext.	●	MWE0300SA	16	16	55	3	1
	3	Ext.	●	MWE0300MA	21	21	60	3	1
3.1	2	Ext.	●	MWE0310SA	18	18	55	3.1	1
	3	Ext.	●	MWE0310MA	24	24	60	3.1	1
3.2	2	Ext.	●	MWE0320SA	18	18	55	3.2	1
	3	Ext.	●	MWE0320MA	24	24	60	3.2	1
3.3	2	Ext.	●	MWE0330SA	18	18	55	3.3	1
	3	Ext.	●	MWE0330MA	24	24	60	3.3	1
3.4	2	Ext.	●	MWE0340SA	20	20	55	3.4	1
	3	Ext.	●	MWE0340MA	24	24	60	3.4	1
3.5	2	Ext.	●	MWE0350SA	20	20	55	3.5	1
	3	Ext.	●	MWE0350MA	24	24	60	3.5	1
3.6	2	Ext.	★	MWE0360SA	20	20	55	3.6	1
	3	Ext.	●	MWE0360MA	27	27	60	3.6	1
3.7	2	Ext.	★	MWE0370SA	20	20	55	3.7	1
	3	Ext.	★	MWE0370MA	27	27	60	3.7	1
3.8	2	Ext.	●	MWE0380SA	22	22	55	3.8	1
	3	Ext.	●	MWE0380MA	27	27	60	3.8	1
3.9	2	Ext.	●	MWE0390SA	22	22	55	3.9	1
	3	Ext.	★	MWE0390MA	27	27	60	3.9	1
4.0	2	Ext.	●	MWE0400SA	22	22	55	4	1
	3	Ext.	●	MWE0400MA	27	27	60	4	1
4.1	2	Ext.	●	MWE0410SA	22	22	55	4.1	1
	3	Ext.	★	MWE0410MA	29	29	63	4.1	1
4.2	2	Ext.	●	MWE0420SA	22	22	55	4.2	1
	3	Ext.	●	MWE0420MA	29	29	63	4.2	1
4.3	2	Ext.	●	MWE0430SA	24	24	58	4.3	1
	3	Ext.	●	MWE0430MA	29	29	63	4.3	1
4.4	2	Ext.	★	MWE0440SA	24	24	58	4.4	1
	3	Ext.	●	MWE0440MA	29	29	63	4.4	1
4.5	2	Ext.	★	MWE0450SA	24	24	58	4.5	1
	3	Ext.	●	MWE0450MA	29	29	63	4.5	1
4.6	2	Ext.	★	MWE0460SA	24	24	58	4.6	1
	3	Ext.	●	MWE0460MA	32	32	68	4.6	1
4.7	2	Ext.	★	MWE0470SA	24	24	58	4.7	1
	3	Ext.	★	MWE0470MA	32	32	68	4.7	1

Drill Dia. D1 (mm)	Hole Depth (l/d)	Coolant (Int./Ext.)	Stock VP15TF	Order Number	Dimensions (mm)				Type
					L3	L2	L1	D4	
4.8	2	Ext.	★	MWE0480SA	26	26	62	4.8	1
	3	Ext.	●	MWE0480MA	32	32	68	4.8	1
4.9	2	Ext.	★	MWE0490SA	26	26	62	4.9	1
	3	Ext.	●	MWE0490MA	32	32	68	4.9	1
5.0	2	Ext.	●	MWE0500SA	26	26	62	5	1
	3	Ext.	●	MWE0500MA	32	32	68	5	1
5.1	2	Ext.	●	MWE0510SA	26	26	62	5.1	1
	3	Ext.	●	MWE0510MA	34	34	72	5.1	1
5.2	2	Ext.	●	MWE0520SA	26	26	62	5.2	1
	3	Ext.	●	MWE0520MA	34	34	72	5.2	1
5.3	2	Ext.	★	MWE0530SA	26	26	62	5.3	1
	3	Ext.	★	MWE0530MA	34	34	72	5.3	1
5.4	2	Ext.	★	MWE0540SA	28	28	66	5.4	1
	3	Ext.	●	MWE0540MA	34	34	72	5.4	1
5.5	2	Ext.	●	MWE0550SA	28	28	66	5.5	1
	3	Ext.	●	MWE0550MA	34	34	72	5.5	1
5.6	2	Ext.	★	MWE0560SA	28	28	66	5.6	1
	3	Ext.	●	MWE0560MA	36	36	74	5.6	1
5.7	2	Ext.	★	MWE0570SA	28	28	66	5.7	1
	3	Ext.	★	MWE0570MA	36	36	74	5.7	1
5.8	2	Ext.	★	MWE0580SA	28	28	66	5.8	1
	3	Ext.	●	MWE0580MA	36	36	74	5.8	1
5.9	2	Ext.	★	MWE0590SA	28	28	66	5.9	1
	3	Ext.	★	MWE0590MA	36	36	74	5.9	1
6.0	2	Ext.	●	MWE0600SA	28	28	66	6	1
	3	Ext.	●	MWE0600MA	41	41	81	6	1
6.1	2	Ext.	★	MWE0610SA	31	31	70	6.1	1
	3	Ext.	●	MWE0610MA	41	41	81	6.1	1
6.2	2	Ext.	★	MWE0620SA	31	31	70	6.2	1
	3	Ext.	●	MWE0620MA	41	41	81	6.2	1
6.3	2	Ext.	★	MWE0630SA	31	31	70	6.3	1
	3	Ext.	●	MWE0630MA	41	41	71	6.3	1
6.4	2	Ext.	★	MWE0640SA	31	31	70	6.4	1
	3	Ext.	★	MWE0640MA	41	41	81	6.4	1
6.5	2	Ext.	●	MWE0650SA	31	31	70	6.5	1
	3	Ext.	●	MWE0650MA	41	41	81	6.5	1

(Note) Please contact us for any geometry that is not in this catalogue (e.g. different diameters and lengths can be made to order).

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