

DRILLING (SOLID CARBIDE)

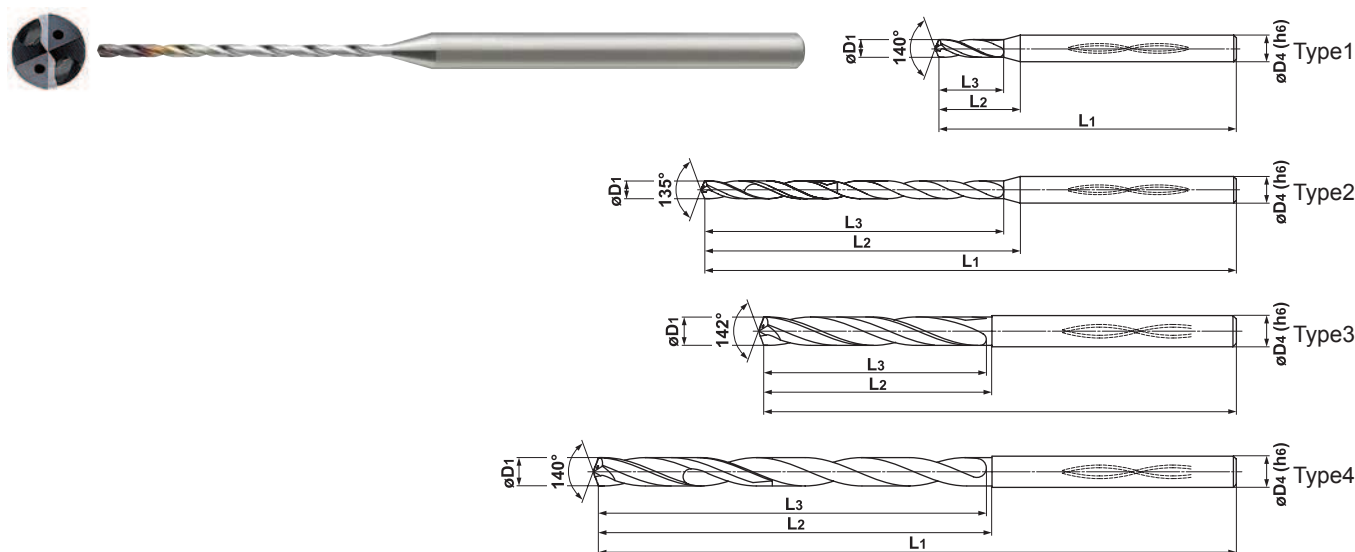
CARBIDE

MHS

- High backing strength and unique double margin.
- Non-step drilling with long tool life for high hardness steel, 35HRC-55HRC

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 ≤ 12
+0.010 -0.002	+0.010 -0.002	+0.010 -0.005	+0.010 -0.008
0 -0.006	0 -0.008	0 -0.009	0 -0.011



(Note 1) MHS drills are suitable for use with shrink fit holders.

(Note 2) Use the shortest type in the respective diameter as a pilot drill.

Drill Dia. D1 (mm)	Hole Depth (l/d)	Coolant (Int./Ext.)	Stock VP15TF	Order Number	Dimensions (mm)				Type
					L3	L2	L1	D4	
NEW 0.95	3	Int.	★	MHS0095L006B	6	9.8	60	3	1
	6	Int.	★	0095L009B	9	12.8	60	3	2
	13	Int.	★	0095L015B	15	18.8	60	3	2
	23	Int.	★	0095L025B	25	28.8	60	3	2
	30	Int.	★	0095L035B	35	38.8	80	3	2
NEW 1.00	3	Int.	●	0100L006B	6	9.7	60	3	1
	6	Int.	●	0100L009B	9	12.7	60	3	2
	12	Int.	★	0100L015B	15	18.7	60	3	2
	22	Int.	●	0100L025B	25	28.7	60	3	2
	30	Int.	●	0100L035B	35	38.7	80	3	2
NEW 1.10	2	Int.	●	0110L006B	6	9.5	60	3	1
	5	Int.	★	0110L009B	9	12.5	60	3	2
	11	Int.	●	0110L015B	15	18.5	60	3	2
	20	Int.	●	0110L025B	25	28.5	60	3	2
	29	Int.	●	0110L035B	35	38.5	80	3	2
NEW 1.20	2	Int.	●	0120L006B	6	9.4	60	3	1
	5	Int.	★	0120L009B	9	12.4	60	3	2
	10	Int.	●	0120L015B	15	18.4	60	3	2
	18	Int.	●	0120L025B	25	28.4	60	3	2
	26	Int.	●	0120L035B	35	38.4	80	3	2
NEW 1.30	2	Int.	●	0130L007B	7	10.2	60	3	1
	5	Int.	★	0130L011B	11	14.2	60	3	2
	12	Int.	●	0130L020B	20	23.2	60	3	2
	20	Int.	●	0130L030B	30	33.2	80	3	2
	30	Int.	●	0130L045B	45	48.2	80	3	2

Drill Dia. D1 (mm)	Hole Depth (l/d)	Coolant (Int./Ext.)	Stock VP15TF	Order Number	Dimensions (mm)				Type
					L3	L2	L1	D4	
NEW 1.40	2	Int.	●	MHS0140L007B	7	10.0	60	3	1
	5	Int.	★	0140L011B	11	14.0	60	3	2
	11	Int.	●	0140L020B	20	23.0	60	3	2
	18	Int.	●	0140L030B	30	33.0	80	3	2
	29	Int.	●	0140L045B	45	48.0	80	3	2
NEW 1.45	3	Int.	●	0145L008B	8	10.9	60	3	1
	6	Int.	★	0145L013B	13	15.9	60	3	2
	11	Int.	★	0145L020B	20	22.9	60	3	2
	21	Int.	●	0145L035B	35	37.9	80	3	2
	30	Int.	★	0145L055B	55	57.9	100	3	2
NEW 1.50	2	Int.	●	0150L008B	8	10.8	60	3	1
	6	Int.	★	0150L013B	13	15.8	60	3	2
	10	Int.	●	0150L020B	20	22.8	60	3	2
	20	Int.	●	0150L035B	35	37.8	80	3	2
	30	Int.	●	0150L055B	55	57.8	100	3	2
NEW 1.60	2	Int.	●	0160L008B	8	10.6	60	3	1
	5	Int.	★	0160L013B	13	15.6	60	3	2
	10	Int.	●	0160L020B	20	22.6	60	3	2
	19	Int.	●	0160L035B	35	37.6	80	3	2
	30	Int.	●	0160L055B	55	57.6	100	3	2
NEW 1.70	2	Int.	●	0170L008B	8	10.4	60	3	1
	5	Int.	★	0170L013B	13	15.4	60	3	2
	9	Int.	●	0170L020B	20	22.4	60	3	2
	18	Int.	●	0170L035B	35	37.4	80	3	2
	29	Int.	●	0170L055B	55	57.4	100	3	2

(Note) Please contact us for any geometry that is not in this catalogue (e.g. different diameter and length).

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

□ : Non stock, produced to order only.