

DRILLS SELECTION CHART

Tool material	Size Range	Hole Depth (l/d)	Product Code	Coolant	Coating	Work Material						Shape	Page Number	
						P	H	M	K	N	S		Dimensions	Cutting Conditions
						Carbon Steel, Alloy Steel	Hardened Steel	Stainless Steel	Cast Iron	Light Alloy	Heat Resistant Alloy			
Solid Carbide	φ0.1 –φ0.99	5–12	MSE	External	VP	○	○	○	○	○	○		L008	L009
												MSP=Pilot Drill for MSE		
	φ0.5 –φ2.95	1–30	MINI-MWS		VP	○		○	○	○	○		L012	L016
	φ3.0 –φ20.0	3, 5	MP51 	Internal	VP	○		○	○				L028	L033
	φ3.0 –φ20.0	3–40	MPS		VP	○		○	○	○	○		L035	L053
	φ3.0 –φ14.0	20–30	MSL		VP	○		○	○	○	○		L050	L053
	φ3.0 –φ20.0	2, 3	MWE	External	VP	○	○	○	○	○	○		L022	L026
	φ0.95 –φ12.0	1–31	MHS	Internal	VP	○	○	○			○		L102	L110
	φ2.5 –φ16.0	3	VCHSM	External	VC		○				○		L113	L114
	φ3.0 –φ20.0	3, 5	MMS	Internal	DP			○					L058	L070
	φ0.7 –φ3.0	–80	MGS		–	○	○	○	○	○	○		L055	L056
	φ3.0 –φ16.0	3	MAE	External	–				○	○			L096	L101
	φ3.0 –φ16.0	3, 6	MAS	Internal	–				○	○			L096	L101
	φ3.0 –φ20.0	3–30	MNS		–					○			L072	L093
	φ4.366 –φ12.725	3	MCS		DC	For CFRP							L185	L186