

Standard Tolerances and Specifications

Diameter and Step Specifications

		2.500	3.001	6.001	10.001	18.001	30.001	50.001
Diameter Range (mm)		3.000	6.000	10.000	18.000	30.000	50.000	76.200
Drills	h9	-0.025	-0.030	-0.036	-0.043	-0.052	-0.062	-0.074
	h8	-0.014	-0.018	-0.022	-0.027	-0.033	-0.039	-0.046
	h7	-0.010	-0.012	-0.015	-0.018	-0.021	-0.025	-0.030
Reamers	m6	0.008	0.012	0.015	0.018	0.021	0.025	0.030
		0.002	0.004	0.006	0.007	0.008	0.009	0.011

Tolerance
Position &
Grade

Tool Description	Large Diameters		Small Diameters		Step Lengths Standard
	Standard	Optional	Standard	Optional	
Subland Drill (2-2)	h8	h7	h9	h9	±0.2mm
Subland Drill reamer	m6	0.005mm	h9	h8	±0.2mm
Core Drill	h8	h7	-	-	-
Drill	h8	h7	-	-	-
Step Drill Reamer	m6	0.005mm	h9	h8	±0.2mm
Subland Core Drill	h8	h7	h9	h8	±0.2mm
Step Drill	h8	h7	h9	h8	±0.2mm
Subland Core Drill	h8	h7	h9	h8	±0.2mm
Step Reamer	m6	0.008mm	m6	0.005mm	±0.2mm
Subland drill (2-2-2)	h8	h7	h9†	h8†	±0.2mm
Reamer	m6	0.005mm	-	-	-
Square Drill	h8	0.005mm	-	-	-
Step Square Drill	h8	0.005mm	h8	0.005mm	±0.2mm

† These tolerances also apply to intermediate diameter on Subland Drill (2-2-2) construction.