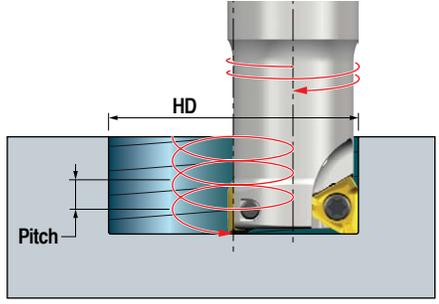
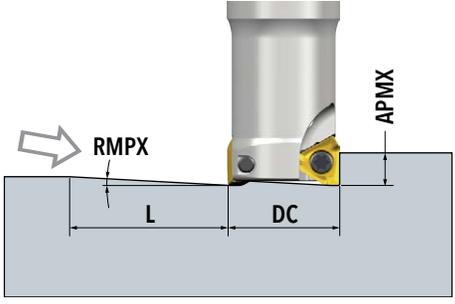


**HIPOSTRIO™ 13 RAMP DATA USING SERIES TH\_S13**



DC Cutter Diameter	Straight Ramp			Helical Ramp		
	RMPX Ramp Angle Max.	APMX Depth of Cut Max.	L Ramp Length Min.	HD Hole Diameter Min.	HD Hole Diameter Max.	Pitch Max.
2.000	1.5	0.57	21.7	3.49		0.140
					4.00	0.160
2.500	1.1	0.57	29.6	4.50		0.130
					5.00	0.140
3.000	0.8	0.57	40.8	5.51		0.130
					6.00	0.140
4.000	0.6	0.57	54.4	7.51		0.120
					8.00	0.140
5.000	0.5	0.57	65.3	9.53		0.120
					10.00	0.130
6.000	0.4	0.57	81.6	11.53		0.120
					12.00	0.130
6.500	0.2	0.57	163.0	12.53		0.120
					13.00	0.130