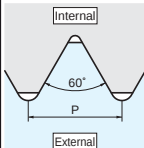
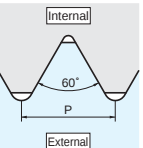
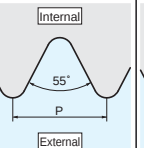
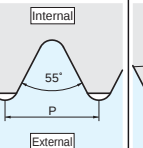
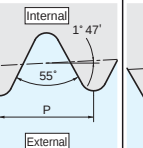
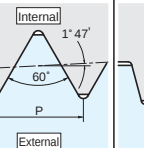
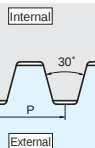
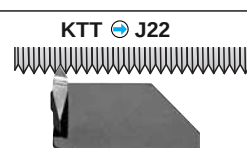
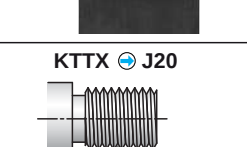


Summary of External Threading

Tooling Application Table (External Threading)

Thread Type		Metric	Unified	Parallel Pipe	Whitworth	Tapered Pipe	American National Pipe	30° Trapezoidal
		M	UN. UNC UNF. UNEF	G (PF)	W	R (PT) (BSPT)	NPT	Tr
Thread shape								
Pitch		mm	TPI	TPI	TPI	TPI	TPI	mm
Toolholder Shape								
	Full Profile	0.5~5.0 ➡ J6	28~8 ➡ J8	19~11 ➡ J8	16~11 ➡ J8	28~11 ➡ J10	18~11.5 ➡ J10	-
	Partial Profile	0.5~5.0 ➡ J12	48~5 ➡ J12	28~11 ➡ J14	48~5 ➡ J14	28~11 ➡ J14	-	2.0~5.0 ➡ J14
	Full Profile	0.5~3.0 ➡ J6	28~8 ➡ J8	19~11 ➡ J8	16~11 ➡ J8	28~11 ➡ J10	18~11.5 ➡ J10	-
	Partial Profile	0.5~3.0 ➡ J12	48~8 ➡ J12	28~11 ➡ J14	48~8 ➡ J14	28~11 ➡ J14	-	2.0~3.0 ➡ J14
	Full Profile	1.0~2.0 ➡ J22	-	-	-	-	-	-
	Partial Profile	0.5~3.5 ➡ J22	56~8 ➡ J22	28~11 ➡ J22	24~7 ➡ J22	28~11 ➡ J22	-	-
	Partial Profile	0.5~2.0 ➡ J21	56~14 ➡ J21	28~11 ➡ J21	24~11 ➡ J21	28~11 ➡ J21	-	-
	Partial Profile	0.5~2.0 ➡ J21	56~14 ➡ J21	28~11 ➡ J21	24~11 ➡ J21	28~11 ➡ J21	-	-
	Partial Profile	0.5~2.0 ➡ J18	56~14 ➡ J18	28~11 ➡ J18	24~11 ➡ J18	28~11 ➡ J18	-	-