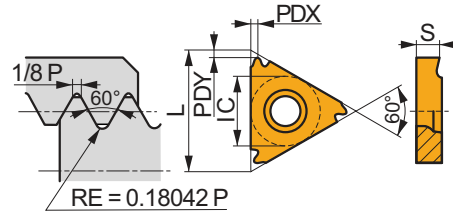




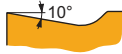
# TN MJ EXT

	IC [mm]	L [mm]	S [mm]
16	9.525	16.50	3.47



Suitability and starting values for cutting speed (vc). Refer to our Machining Calculator app for further calculations.

Product	RE [mm]	P	M	K	N	S	H	TP [mm]	TPI	PDX [mm]	PDY [mm]
		vc [m/min]	vc [m/min]	vc [m/min]	vc [m/min]	vc [m/min]	vc [m/min]				

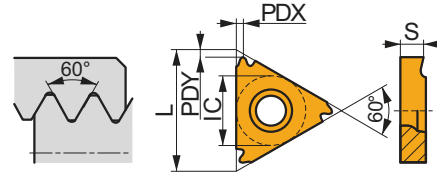


TN MJ ER external, right-handed design, for machining Metric "J" form threads, and continuous cuts.

TN 16ER100MJ	T8030	–	160	95	150	480	40	–	1.00	–	0.8	0.8
TN 16ER150MJ	T8030	–	160	95	150	480	40	–	1.50	–	0.8	0.8

# TN 60° PP EXT

	IC [mm]	L [mm]	S [mm]
16	9.525	16.50	3.47
22	12.700	22.00	4.71



Suitability and starting values for cutting speed (vc). Refer to our Machining Calculator app for further calculations.

Product	RE [mm]	P	M	K	N	S	H	TPN [mm]	TPX [mm]	TPIN	TPIX	PDX [mm]	PDY [mm]
		vc [m/min]	vc [m/min]	vc [m/min]	vc [m/min]	vc [m/min]	vc [m/min]						



TN M60 PP ER external, right-handed design, for machining Metric and Unified threads, and continuous cuts.

TN 16ERA60	T8010	–	175	105	165	–	40	–	0.50	1.50	16	48	0.8	0.6
	T8030	–	160	95	150	480	40	–	0.50	1.50	16	48	0.8	0.6
TN 16ERAG60	T8010	–	175	105	165	–	40	–	0.50	3.00	8	48	1.5	1.1
	T8030	–	160	95	150	480	40	–	0.50	3.00	8	48	1.5	1.1
TN 16ERG60	T8010	–	175	105	165	–	40	–	1.75	3.00	8	14	1.5	1.1
	T8030	–	160	95	150	480	40	–	1.75	3.00	8	14	1.5	1.1
TN 22ERN60	T8010	–	175	105	165	–	40	–	3.50	5.00	5	7	2.5	1.8
	T8030	–	160	95	150	480	40	–	3.50	5.00	5	7	2.5	1.8



Suitability and starting values for cutting speed (vc). Refer to our Machining Calculator app for further calculations.

Product	RE [mm]	P	M	K	N	S	H	TPN [mm]	TPX [mm]	TPIN	TPIX	PDX [mm]	PDY [mm]
		vc [m/min]	vc [m/min]	vc [m/min]	vc [m/min]	vc [m/min]	vc [m/min]						



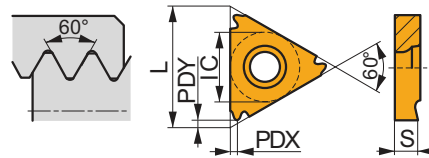
TN M60 PP EL external, left-handed design, for machining Metric and Unified threads, and continuous cuts.

TN 16ELA60	T8030	–	160	95	150	480	40	–	0.50	1.50	16	48	0.8	0.6
TN 16ELAG60	T8010	–	175	105	165	–	40	–	0.50	3.00	8	48	1.5	1.1
	T8030	–	160	95	150	480	40	–	0.50	3.00	8	48	1.5	1.1
TN 16ELG60	T8030	–	160	95	150	480	40	–	1.75	3.00	8	14	1.5	1.1
TN 22ELN60	T8030	–	160	95	150	480	40	–	3.50	5.00	5	7	2.5	1.8

## TN 60° PP INT



	IC [mm]	L [mm]	S [mm]
11	6.350	11.00	3.00
16	9.525	16.50	3.47
22	12.700	22.00	4.71



Suitability and starting values for cutting speed (vc). Refer to our Machining Calculator app for further calculations.

Product	RE [mm]	P	M	K	N	S	H	TPN [mm]	TPX [mm]	TPIN	TPIX	PDX [mm]	PDY [mm]
		vc [m/min]	vc [m/min]	vc [m/min]	vc [m/min]	vc [m/min]	vc [m/min]						



TN M60 PP NR internal, right-handed design, for machining Metric and Unified threads, and continuous cuts.

TN 11NRA60	T8010	–	175	105	165	–	40	–	0.50	1.50	16	48	0.8	0.7
	T8030	–	160	95	150	480	40	–	0.50	1.50	16	48	0.8	0.7
TN 16NRA60	T8010	–	175	105	165	–	40	–	0.50	1.50	16	48	0.8	0.7
	T8030	–	160	95	150	480	40	–	0.50	1.50	16	48	0.8	0.7
TN 16NRAG60	T8010	–	175	105	165	–	40	–	0.50	3.00	8	48	1.5	1.1
	T8030	–	160	95	150	480	40	–	0.50	3.00	8	48	1.5	1.1
TN 16NRG60	T8010	–	175	105	165	–	40	–	1.75	3.00	8	14	1.5	1.1
	T8030	–	160	95	150	480	40	–	1.75	3.00	8	14	1.5	1.1
TN 22NRN60	T8010	–	175	105	165	–	40	–	3.50	5.00	5	7	2.5	1.8
	T8030	–	160	95	150	480	40	–	3.50	5.00	5	7	2.5	1.8



TN M60 PP NL internal, left-handed design, for machining Metric and Unified threads, and continuous cuts.

TN 11NLA60	T8030	–	160	95	150	480	40	–	0.50	1.50	16	48	0.8	0.7
TN 16NLA60	T8030	–	160	95	150	480	40	–	0.50	1.50	16	48	0.8	0.7
TN 16NLAG60	T8010	–	175	105	165	–	40	–	0.50	3.00	8	48	1.5	1.1
	T8030	–	160	95	150	480	40	–	0.50	3.00	8	48	1.5	1.1
TN 16NLG60	T8030	–	160	95	150	480	40	–	1.75	3.00	8	14	1.5	1.1
TN 22NLN60	T8030	–	160	95	150	480	40	–	3.50	5.00	5	7	2.5	1.8