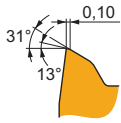




Suitability and starting values for cutting speed (vc), feed (f) and depth of cut (ap). Refer to our Machining Calculator app for further calculations.

Product	RE [mm]	P			M			K			N			S			H			
		vc [m/min]	f [mm/tooth]	ap [mm]	vc [m/min]	f [mm/tooth]	ap [mm]	vc [m/min]	f [mm/tooth]	ap [mm]	vc [m/min]	f [mm/tooth]	ap [mm]	vc [m/min]	f [mm/tooth]	ap [mm]	vc [m/min]	f [mm/tooth]	ap [mm]	
TNGX 100404SR-M	8215	0.4	205	0.13	2.0	120	0.12	2.0	190	0.13	2.0	—	—	—	50	0.09	1.6	—	—	—
	M6330	0.4	175	0.13	2.0	125	0.12	2.0	—	—	—	—	—	—	50	0.09	1.6	—	—	—
	M8330	0.4	205	0.13	2.0	120	0.12	2.0	190	0.13	2.0	—	—	—	50	0.09	1.6	—	—	—
	M8340	0.4	185	0.13	2.0	110	0.12	2.0	175	0.13	2.0	—	—	—	45	0.09	1.6	—	—	—
	M8345	0.4	150	0.13	2.0	90	0.12	2.0	—	—	—	—	—	—	35	0.09	1.6	—	—	—
	M9340	0.4	240	0.13	2.0	140	0.12	2.0	—	—	—	—	—	—	60	0.09	1.6	—	—	—
TNGX 100408SR-M	8215	0.8	245	0.13	2.0	145	0.12	2.0	230	0.13	2.0	—	—	—	60	0.09	1.6	—	—	—
	M6330	0.8	210	0.13	2.0	150	0.12	2.0	—	—	—	—	—	—	60	0.09	1.6	—	—	—
	M8310	0.8	270	0.13	2.0	135	0.12	2.0	255	0.13	2.0	—	—	—	—	—	—	—	—	—
	M8330	0.8	245	0.13	2.0	145	0.12	2.0	230	0.13	2.0	—	—	—	60	0.09	1.6	—	—	—
	M8340	0.8	220	0.13	2.0	130	0.12	2.0	205	0.13	2.0	—	—	—	55	0.09	1.6	—	—	—
	M8345	0.8	180	0.13	2.0	105	0.12	2.0	—	—	—	—	—	—	45	0.09	1.6	—	—	—
TNGX 100412SR-M	M8330	1.2	255	0.13	2.0	150	0.12	2.0	240	0.13	2.0	—	—	—	60	0.09	1.6	—	—	—
	M8340	1.2	230	0.13	2.0	135	0.12	2.0	215	0.13	2.0	—	—	—	55	0.09	1.6	—	—	—
TNGX 100416SR-M	M8310	1.6	300	0.13	2.0	150	0.12	2.0	285	0.13	2.0	—	—	—	—	—	—	—	—	—
	M8330	1.6	270	0.13	2.0	160	0.12	2.0	255	0.13	2.0	—	—	—	65	0.09	1.6	—	—	—
	M8340	1.6	245	0.13	2.0	145	0.12	2.0	230	0.13	2.0	—	—	—	60	0.09	1.6	—	—	—

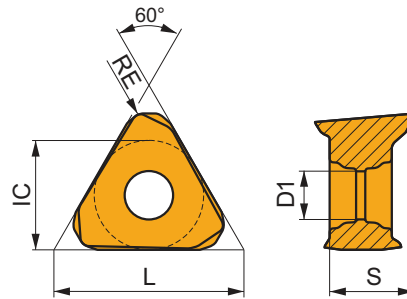


M geometry with positive design for light to medium machining.

TNGX 10-FA

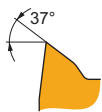


	IC [mm]	D1 [mm]	L [mm]	S [mm]
1004	6.000	2.80	10.39	4.69



Suitability and starting values for cutting speed (vc), feed (f) and depth of cut (ap). Refer to our Machining Calculator app for further calculations.

Product	RE [mm]	P			M			K			N			S			H			
		vc [m/min]	f [mm/tooth]	ap [mm]	vc [m/min]	f [mm/tooth]	ap [mm]	vc [m/min]	f [mm/tooth]	ap [mm]	vc [m/min]	f [mm/tooth]	ap [mm]	vc [m/min]	f [mm/tooth]	ap [mm]	vc [m/min]	f [mm/tooth]	ap [mm]	
TNGX 100404FR-FA	HF7	0.4	—	—	—	—	—	—	—	—	—	345	0.10	1.5	—	—	—	—	—	—
	M0315	0.4	—	—	—	—	—	—	—	—	—	780	0.10	1.5	—	—	—	—	—	—
TNGX 100408FR-FA	HF7	0.8	—	—	—	—	—	—	—	—	—	345	0.10	1.5	—	—	—	—	—	—
	M0315	0.8	—	—	—	—	—	—	—	—	—	780	0.10	1.5	—	—	—	—	—	—



FA geometry with highly positive design for fine-finish to medium machining.