	Product	DC [mm]	OAL [mm]	DCON MS [mm]	DCCB [mm]	LU [mm]	LF [mm]	TDZ	KWW [mm]	KWD [mm]	GAMF [°]	GAMP [°]			max.		kg			
ISO 6462 DIN 8030	**63A09R-S90TN10-C**	63	–	22	18	–	40	–	10.4	6.3	-15	-11	9	✓	15500	✓	0.64	GI292	SQ303	–
	80A10R-S90TN10-C	80	–	27	38	–	50	–	12.4	7	-15	-11	10	✓	13800	✓	1.11	GI292	SQ301	AC001

GI292	TNGX 1004..

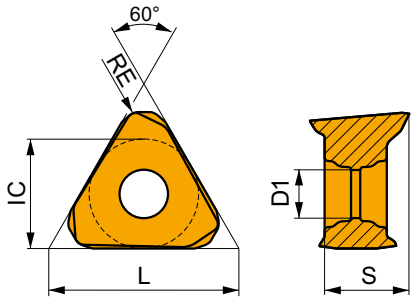
		Nm						
SQ300	US 52506-T07P	0.8	M 2.5	6	–	–	Flag T07P	–
SQ301	US 52506-T07P	0.8	M 2.5	6	D-T07P/T09P	FG-15	–	–
SQ302	US 52506-T07P	0.8	M 2.5	6	D-T07P/T09P	FG-15	–	HS 0830C
SQ303	US 52506-T07P	0.8	M 2.5	6	D-T07P/T09P	FG-15	–	HS 1030C

AC001	KS 1230	K.FMH27

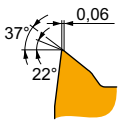
TNGX 10

PRAMET

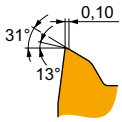
	IC [mm]	D1 [mm]	L [mm]	S [mm]
1004	6.000	2.80	10.39	4.69



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 vc [m/min]	P f [mm/tooth]	P ap [mm]	M vc [m/min]	M f [mm/tooth]	M ap [mm]	K vc [m/min]	K f [mm/tooth]	K ap [mm]	N vc [m/min]	N f [mm/tooth]	N ap [mm]	S vc [m/min]	S f [mm/tooth]	S ap [mm]	H vc [m/min]	H f [mm/tooth]	H ap [mm]
			S																	
F geometry with highly positive design for light machining.																				
TNGX 100402SR-F	**M8330**	0.2	205	0.09	2.0	120	0.08	2.0	190	0.09	2.0	–	–	–	–	–	–	–	–	–
	M8340	0.2	190	0.09	2.0	110	0.08	2.0	180	0.09	2.0	–	–	–	–	–	–	–	–	–
TNGX 100404SR-F	**8215**	0.4	225	0.09	2.0	135	0.08	2.0	210	0.09	2.0	–	–	–	–	–	–	–	–	–
	M6330	0.4	190	0.09	2.0	135	0.08	2.0	–	–	–	–	–	–	–	–	–	–	–	–
	M8330	0.4	220	0.09	2.0	130	0.08	2.0	205	0.09	2.0	–	–	–	–	–	–	–	–	–
	M8340	0.4	200	0.09	2.0	120	0.08	2.0	190	0.09	2.0	–	–	–	–	–	–	–	–	–
	M9340	0.4	270	0.09	2.0	160	0.08	2.0	–	–	–	–	–	–	–	–	–	–	–	–
TNGX 100408SR-F	**8215**	0.8	270	0.09	2.0	160	0.08	2.0	255	0.09	2.0	–	–	–	–	–	–	–	–	–
	M6330	0.8	225	0.09	2.0	160	0.08	2.0	–	–	–	–	–	–	–	–	–	–	–	–
	M8330	0.8	260	0.09	2.0	155	0.08	2.0	245	0.09	2.0	–	–	–	–	–	–	–	–	–
	M8340	0.8	240	0.09	2.0	140	0.08	2.0	225	0.09	2.0	–	–	–	–	–	–	–	–	–
	M9340	0.8	320	0.09	2.0	190	0.08	2.0	–	–	–	–	–	–	–	–	–	–	–	–

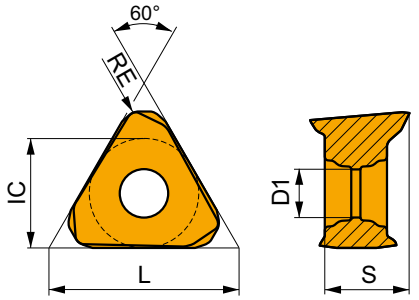
Suitability and starting values for cutting speed (vc), feed (f) and depth of cut (ap). Refer to our Machining Calculator app for further calculations.

Product		RE	P			M			K			N			S			H		
			vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap
		[mm]	[m/min]	[mm/tooth]	[mm]	[m/min]	[mm/tooth]	[mm]	[m/min]	[mm/tooth]	[mm]	[m/min]	[mm/tooth]	[mm]	[m/min]	[mm/tooth]	[mm]	[m/min]	[mm/tooth]	[mm]
			1 U S																	
	M geometry with positive design for light to medium machining.																			
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	–	–	–
	M9340	0.8	■ 285	0.13	2.0	◪ 170	0.12	2.0	–	–	–	–	–	–	◪ 70	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	–	–	–

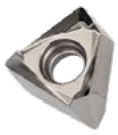
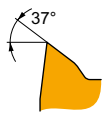
TNGX 10-FA

PRAMET

	IC	D1	L	S
	[mm]	[mm]	[mm]	[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	P			M			K			N			S			H		
			vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap	vc	f	ap
		[mm]	[m/min]	[mm/tooth]	[mm]	[m/min]	[mm/tooth]	[mm]	[m/min]	[mm/tooth]	[mm]	[m/min]	[mm/tooth]	[mm]	[m/min]	[mm/tooth]	[mm]	[m/min]	[mm/tooth]	[mm]
			F																	
	FA geometry with highly positive design for fine-finish to medium machining.																			
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	–	–	–	–	–	–