TRUE 90°
SHOULDER MILLING

PRAMET

ISTN16 Cutter

Applications of the ECON TN16

- Higher number of teeth
- Differential pitch available
- Through coolant
- Precision machined pocket
- Coarse-tooth & fine-tooth options
- Heavy duty insert mounting screw

TNGX 16 Inserts

F

GEOMETRY F

First choice for low to medium carbon content steel.

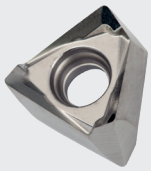
- High positive geometry with narrow peripheral land.
- Particularly suited to light and medium machining.

M

GEOMETRY M

Machining carbon steel, standard stainless steels and cast iron.

- High positive geometry with medium T-land.
- Particularly suited to light and medium machining.



FA

GEOMETRY FA

Particularly suited for non-ferrous metals.

- High positive geometry with a sharp cutting edge.
- Polished insert face to reduce sticking of the machined material.

Dormer Pramet Authorized Distributor

DORMER PRAMET

ISTN16

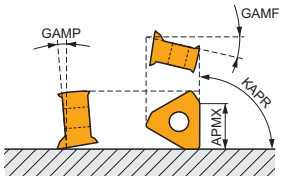
P M K N S

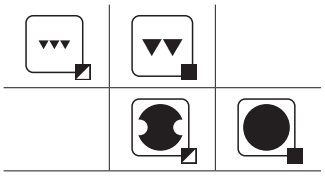
S

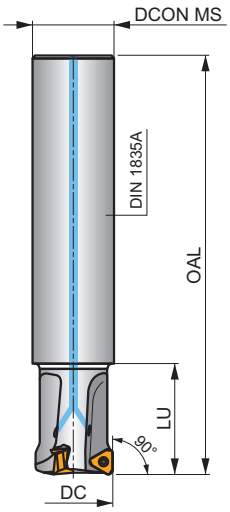
ECON TN Square Shoulder Mill for TNGX 16 Insert with Internal Coolant

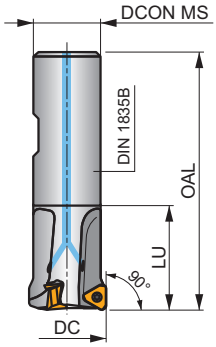
90° end or shell mill for double sided TNGX 16 inserts with 6 cutting edges and APMX of 10 mm. Suited for wide range of applications. Available in cylindrical, weldon, modular and arbor style, in Ø1.00 up to Ø5.00 inch. Differential tooth setting. Body treated for longer tool life.

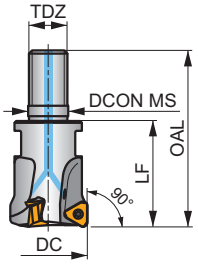
KAPR	90°

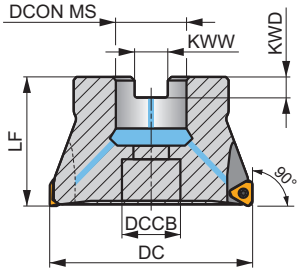












h_m .001 - .006

h_m .001 - .005

	Product	DC [inch]	OAL [inch]	DCON MS [inch]	DCCB [inch]	DBC1 [inch]	LU [inch]	LF [inch]	TDZ	KWW [inch]	KWD [inch]	GAMF [°]	GAMP [°]			max.		lbs			EDP
DIN 1835A	100A2R130C100-ISTN16-C	1.000	6.693	1.000	–	–	1.339	–	–	–	–	-18.5	-9.5	2	–	–	✓	.54	GI340	IC0334	8052333
	125A2R130C125-ISTN16-C	1.250	7.677	1.250	–	–	1.339	–	–	–	–	-16	-9.5	2	–	–	✓	1.03	GI340	IC0334	8021685
	125A3R130C125-ISTN16-C	1.250	7.677	1.250	–	–	1.339	–	–	–	–	-16	-9.5	3	–	–	✓	1.02	GI340	IC0334	8021687
	125A2R315C125-ISTN16-C	1.250	7.677	1.250	–	–	3.150	–	–	–	–	-16	-9.5	2	–	–	✓	.94	GI340	IC0334	8021686
DIN 1835B	100A2R165W100-ISTN16-C	1.000	3.937	1.000	–	–	1.654	–	–	–	–	-18.5	-9.5	2	–	–	✓	.30	GI340	IC0334	8052334
	125A3R165W125-ISTN16-C	1.250	4.331	1.250	–	–	1.654	–	–	–	–	-16	-9.5	3	–	–	✓	.51	GI340	IC0334	8021689
	150A4R200W125-ISTN16-C	1.500	4.724	1.250	–	–	1.969	–	–	–	–	-16	-9.5	4	–	–	✓	.62	GI340	IC0334	8021720
MODULAR	100A2R130M12-ISTN16-C	1.000	2.165	.492	–	–	–	1.299	M12	–	–	-16	-9.5	2	–	–	✓	.08	GI340	IC0334	8052338
	125A2R169M16-ISTN16-C	1.250	2.598	.669	–	–	–	1.693	M16	–	–	-16	-9.5	2	–	–	✓	.17	GI340	IC0334	8021721
	125A3R169M16-ISTN16-C	1.250	2.598	.669	–	–	–	1.693	M16	–	–	-16	-9.5	3	–	–	✓	.17	GI340	IC0334	8021722
	150A3R169M16-ISTN16-C	1.500	2.598	.669	–	–	–	1.693	M16	–	–	-16	-9.5	3	–	–	✓	.19	GI340	IC0334	8021723
	150A4R169M16-ISTN16-C	1.500	2.598	.669	–	–	–	1.693	M16	–	–	-16	-9.5	4	–	–	✓	.19	GI340	IC0334	8021724
ISO 6462 DIN 8030	150A04R-IS90TN16-C	1.500	–	.500	.409	–	–	1.575	–	.260	.165	-16	-9.5	3	–	–	✓	.19	GI340	IC0336	8021162
	200A04R-IS90TN16-C	2.000	–	.750	.630	–	–	1.575	–	.323	.193	-16	-9.5	4	✓	–	✓	.37	GI340	IC0338	8021163
	200A05R-IS90TN16-C	2.000	–	.750	.630	–	–	1.575	–	.323	.193	-16	-9.5	5	✓	–	✓	.36	GI340	IC0338	8021164
	250A04R-IS90TN16-C	2.500	–	.750	.630	–	–	1.575	–	.323	.193	-16	-9.5	4	✓	–	✓	.49	GI340	IC0338	8021165
	250A06R-IS90TN16-C	2.500	–	.750	.630	–	–	1.575	–	.323	.193	-16	-9.5	6	✓	–	✓	.62	GI340	IC0338	8021166
	300A05R-IS90TN16-C	3.000	–	1.000	.827	–	–	1.969	–	.382	.224	-16	-9.5	5	✓	–	✓	1.00	GI340	IC0340	8021167
	300A07R-IS90TN16-C	3.000	–	1.000	.827	–	–	1.969	–	.382	.224	-16	-9.5	7	✓	–	✓	1.03	GI340	IC0340	8021168
	400A06R-IS90TN16-C	4.000	–	1.500	1.417	–	–	1.969	–	.634	.382	-16	-9.5	6	✓	–	✓	1.93	GI340	IC0342	8021169
	400A08R-IS90TN16-C	4.000	–	1.500	1.417	–	–	1.969	–	.634	.382	-16	-9.5	8	✓	–	✓	1.99	GI340	IC0342	8021180
	500A09R-IS90TN16-C *	5.000	–	1.500	1.417	–	–	2.480	–	.634	.382	-16	-9.5	9	✓	–	✓	3.51	GI340	IC0390	8021181

* available on request only