

ECON ISTN16 CUTTERS



- Double sided Insert, 6 total edges
- 1.000" - 5.000" cutter bodies
- 90° pocket with precise ground insert

\$565

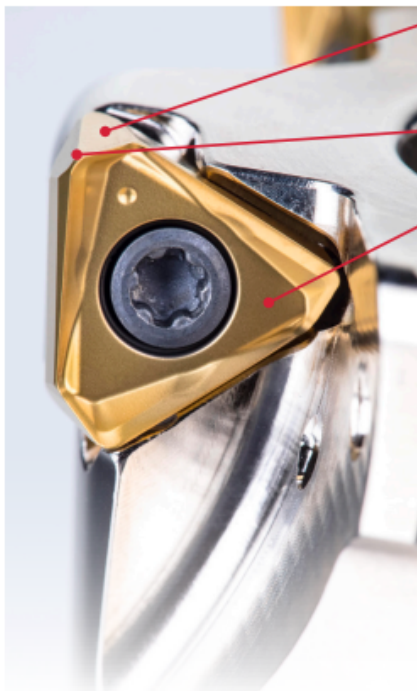
30 inserts and a body
up to 3.0" Diameter

Applications of the ECON ISTN16

- Shallow square shoulders
- Milling keyways & slots
- Face milling
- Plunge milling



TNGX 16 Inserts



Inclined
cutting edge

Positive
geometry

Sub micron
substrate

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.

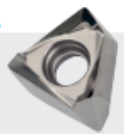
M



Machining carbon steel, standard stainless steels and cast iron.

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

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.

Available Radii

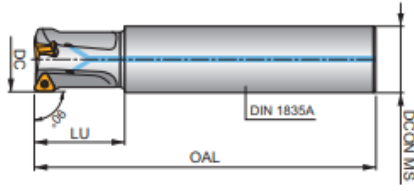
mm	inch
0.40	0.016
0.80	0.031
1.20	0.047
1.60	0.063

Contact your local sales person for application assistance.



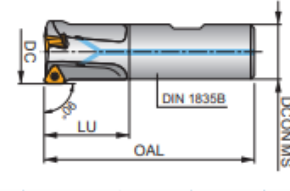
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Cylindrical

ISO Code	EDP#	DC	OAL	LU	DCON MS	# of Inserts
100A2R130C100-ISTN16-C	8052333	1.000	6.693	1.339	1.000	2
125A2R130C125-ISTN16-C	8021685	1.250	7.677	1.339	1.250	2
125A3R130C125-ISTN16-C	8021687	1.250	7.677	1.339	1.250	3
125A2R315C125-ISTN16-C	8021686	1.250	7.677	3.150	1.250	2

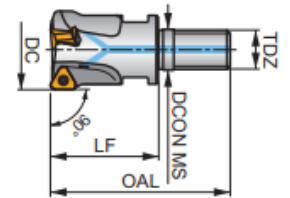


Weldon

ISO Code	EDP#	DC	OAL	LU	DCON MS	# of Inserts
100A2R165W100-ISTN16-C	8052334	1.000	3.937	1.654	1.000	2
125A3R165W125-ISTN16-C	8021689	1.250	4.331	1.654	1.250	3
150A4R200W125-ISTN16-C	8021720	1.500	4.724	1.969	1.250	4

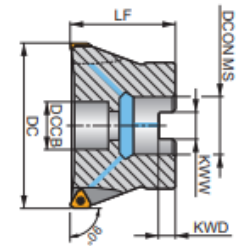
Modular

ISO Code	EDP#	DC	OAL	LF	TDZ	DCON MS	# of Inserts
100A2R130M12-ISTN16-C	8052338	1.000	2.165	1.299	M12	.492	2
125A2R169M16-ISTN16-C	8021721	1.250	2.598	1.693	M16	.669	2
125A3R169M16-ISTN16-C	8021722	1.250	2.598	1.693	M16	.669	3
150A3R169M16-ISTN16-C	8021723	1.500	2.598	1.693	M16	.669	3
150A4R169M16-ISTN16-C	8021724	1.500	2.598	1.693	M16	.669	4

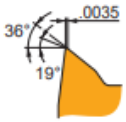
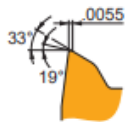


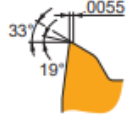
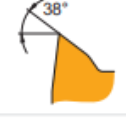
Shell

ISO Code	EDP#	DC	DCON MS	DCCB	LF	KWW	KWD	# of Inserts
150A04R-IS90TN16-C	8021162	1.500	.500	.409	1.575	.260	.165	3
200A04R-IS90TN16-C	8021163	2.000	.750	.630	1.575	.323	.193	4
200A05R-IS90TN16-C	8021164	2.000	.750	.630	1.575	.323	.193	5
250A04R-IS90TN16-C	8021165	2.500	.750	.630	1.575	.323	.193	4
250A06R-IS90TN16-C	8021166	2.500	.750	.630	1.575	.323	.193	6
300A05R-IS90TN16-C	8021167	3.000	1.000	.827	1.969	.382	.224	5



TNGX16

ANSI	P	M	K	N	S	EDP#
 TNGX 160604SR-F	M8330	■	■	■		8020443
	M8340	■	■	■		8020444
	8215	■	■	■		8020446
	M6330	■	■	■		8020449
 TNGX 160608SR-F	M8310	■	■	■		8020445
	M8330	■	■	■		8020447
	M8340	■	■	■		8020448
	8215	■	■	■	■	8019943
 TNGX 160604SR-M	M6330	■	■	■	■	8019947
	M8310	■	■	■		8019944
	M8330	■	■	■	■	8019945
	M8340	■	■	■	■	8019946
 TNGX 160608SR-M	8215	■	■	■	■	8019794
	M6330	■	■	■	■	8019797
	M8310	■	■	■		8019793
	M8330	■	■	■	■	8019795
	M8340	■	■	■	■	8019796
	M8345	■	■	■	■	8019798
	M9325	■	■	■		8019799
	M9340	■	■	■	■	8019820

ANSI	P	M	K	N	S	EDP#
 TNGX 160612SR-M	M8330	■	■	■	■	8020755
	M8340	■	■	■	■	8020756
	M8310	■	■	■		8020757
	M8330	■	■	■	■	8020758
 TNGX 160616SR-M	M8340	■	■	■	■	8020759
	HF7				■	8020826
	TNGX 160604FR-FA				■	8020825
	M0315				■	8020828
 TNGX 160608FR-FA	HF7				■	8020827
	M0315				■	

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