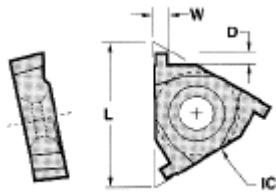


T-SERIES LAYDOWN GROOVING INSERTS

B



GROOVING INSERTS



T SERIES LAYDOWN - EXTERNAL GROOVING INSERTS

W	IC	D	L	For Use With Holder	Left or Right	Grade GP50 Part Number	Price Each
0.047	0.375 (3/8)	0.07	0.65	16ER	RIGHT	T-16ERNGW47G50	15.17
0.062	0.375 (3/8)	0.08	0.65	16ER	RIGHT	T-16ERNGW62G50	15.17
0.093	0.375 (3/8)	0.07	0.65	16ER	RIGHT	T-16ERNGW93G50	15.17

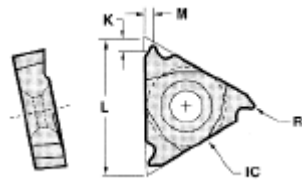
T SERIES LAYDOWN - INTERNAL GROOVING INSERTS

W	IC	D	L	For Use With Holder	Left or Right	Grade GP50 Part Number	Price Each
0.047	0.375 (3/8)	0.07	0.65	16NR	RIGHT	T-16NRNGW47G50	15.17
0.062	0.375 (3/8)	0.08	0.65	16NR	RIGHT	T-16NRNGW62G50	15.17
0.093	0.375 (3/8)	0.07	0.65	16NR	RIGHT	T-16NRNGW93G50	15.17

THREADING INSERTS

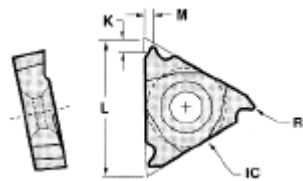


T SERIES LAYDOWN - EXTERNAL THREADING INSERTS



TPI If Threading	IC Both Threading & Grooving	L Both Threading & Grooving	IF THREADING			For Use With Holder	Left or Right	Grade AT22 Part Number	Price Each	Grade GP22 Part Number	Price Each	Grade GP50 Part Number	Price Each
			M	K	R								
16-48	3/8	0.65	0.031	0.024	0.003	16ER 16EL	RIGHT LEFT	T-16ERA60A2 T-16ELA60A2	12.12	T-16ERA60G22	11.42	T-16ERA60G50	11.42
8-48	3/8	0.65	0.059	0.043	0.003	16ER 16EL	RIGHT LEFT	T-16ERAG60A2 T-16ELAG60A2	12.12	T-16ERAG60G22	11.42	T-16ERAG60G50	11.42
8-14	3/8	0.65	0.059	0.043	0.007	16EL	LEFT	T-16ELG60A2	12.30				
5-7	1/2	0.87	0.098	0.067	0.016	22ER	RIGHT					T-22ERN60G50	13.20

T SERIES LAYDOWN - INTERNAL THREADING INSERTS



TPI If Threading	IC Both Threading & Grooving	L Both Threading & Grooving	IF THREADING			For Use With Holder	Left or Right	Grade AT22 Part Number	Price Each	Grade GP22 Part Number	Price Each	Grade GP50 Part Number	Price Each
			M	K	R								
16-48	3/8	0.65	0.031	0.024	0.003	16NR 16NL	RIGHT LEFT	- -	- -	- -	- -	T-16NRA60G50 T-16NLAG60G50	11.42 11.42
8-48	3/8	0.65	0.059	0.043	0.003	16NR 16NL	RIGHT LEFT	T-16NRAG60A2 -	12.12 -	T-16NRAG60G22 -	11.42 -	T-16NRAG60G50 T-16NLAG60G50	11.42 11.42
8-14	3/8	0.65	0.059	0.043	0.007	16NR 16NL	RIGHT LEFT	- -	- -	T-16NRG60G22 -	11.42 -	T-16NRG60G50 T-16NLG60G50	11.42 11.42
5-7	1/2	0.87	0.098	0.067	0.01	16NR 16NL	RIGHT LEFT	- -	- -	T-22NRN60G22 -	13.20 -	T-22NRN60G50 T-22NLN60G50	13.20 13.20

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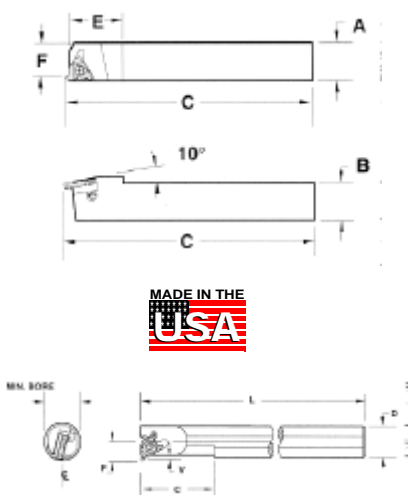
T-SERIES LAYDOWN THREADING HOLDERS

B

INTERNAL & EXTERNAL THREADING HOLDERS



T SERIES LAYDOWN EXTERNAL THREADING HOLDERS



For Use With Holder	Left or Right	A	B	C	E	F	Part Number	Price Each
16ER	RIGHT	0.75	0.75	5	1.2	0.75	T-AL075-3R	\$64.48
16ER	RIGHT	1	1	6	1.2	1	T-AL100-3R	\$69.78
22ER	RIGHT	1	1	6	1.42	1	T-AL100-4R	\$69.78
22EL	LEFT	1	1	6	1.42	1	T-AL100-4L	\$69.78
27ER	RIGHT	1.25	1.25	7	1.57	1.25	T-AL125-5R	\$78.26

T SERIES LAYDOWN INTERNAL THREADING HOLDERS

For Use With Holder	Left or Right	Min Bore For Boring Bars	C	D	F	L	Part Number	Price Each
16NR	RIGHT	0.625	2.5	0.625	0.312	7	T-NVR625-3R	\$85.50
16NR	RIGHT	0.95	2.75	0.75	0.51	7	T-AVR750-3R	\$93.10
16NR	RIGHT	1.15	3	1	0.64	10	T-AVR100-3R	\$93.10
16NR	RIGHT	1.4	3	1.25	0.77	10	T-AVR125-3R	\$117.48
16NR	RIGHT	1.7	3	1.5	0.9	12	T-AVR150-3R	\$122.78
22NR	RIGHT	1.1	2.75	0.75	0.61	7	T-NVR750-4R	\$85.50
22NR	RIGHT	1.2	3	1	0.71	10	T-AVR100-4R	\$117.48

GRADE INFORMATION



Grade	Class	Description	Material	Application
GP4	C1/C5A K30/P30	Coated - Sub-Micron	Aluminum, Cast Iron, 300/400 Stainless Steel, Non-Metals, Carbon/Alloy Steel, Ductile Iron, Chrome	Extremely tough grades that perform well at very slow SFPM with minimal breakage or chipping.
GP22	C1 K30	Coated - Sub-Micron	Aluminum, Cast Iron, 300 Stainless Steel, High Temp Alloys, Non-Metals, Chrome	Extremely tough grades that perform well at very slow SFPM with minimal breakage or chipping.
GP3	C3	Coated - Sub-Micron	High Temp Alloys, 300 Stainless Steel	Versatile grades that combine high hardness with toughness
AT3	K15-K25 M05-M20	Coated - Sub-Micron	TiAlN Coated For High Temp Alloys & 300 Series Stainless Steel	-
GP50	C5	Coated	Carbon/Alloy Steel, 400 Stainless Steel, Ductile Iron	General purpose grades, coated grades can normally be ran at higher SFPM
AT50	P20-P35 M15-M30	Coated	TiAlN Coated For 400 Series Stainless Steel & Ductile Cast Iron	-
C3	C2-C3	Coated	Non Ferrous Metals, Plastics	-



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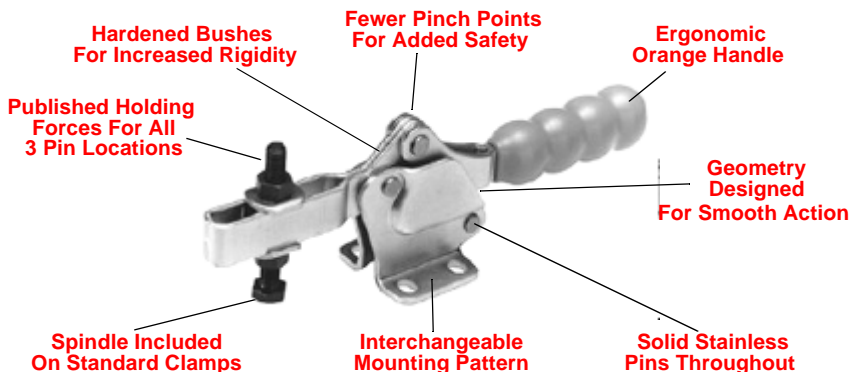


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