

Indexable Thread Mill Insert Identification System

21

N

TM - 14

UN

-

TIN

21

Denotes Insert Length In Millimeters (mm)

N

N=Internal
E=External
X=Internal Or External Application

TM

Denotes Insert Style Used For Thread Milling

14

Denotes Pitch In Threads Per Inch, ISO Pitch in mm

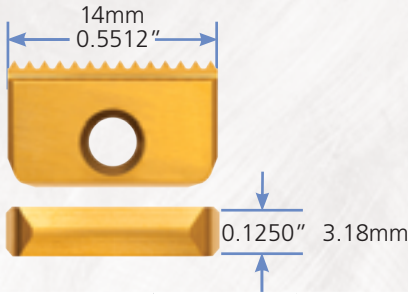
UN

Thread Form
UN=Unified
ISO=Metric
NPT=National Pipe Taper
NPTF=Dryseal
W=Whitworth

TIN

Carbide Grade
TIN = TiN PVD Coated
TLN = TiAlN PVD Coated

UN (Unified National), Thread Mill Inserts

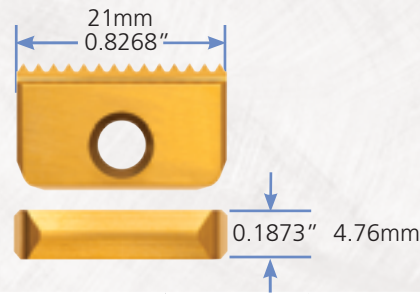


14 mm External UN

Insert Description	TIN	TLN	TPI	Dec. Ptch
14 ETM - 48 UN	2074200	3076200	48	0.0208
14 ETM - 40 UN	2074201	3076201	40	0.0250
14 ETM - 32 UN	2074202	3076202	32	0.0313
14 ETM - 28 UN	2074203	3076203	28	0.0357
14 ETM - 27 UN	2074204	3076204	27	0.0370
14 ETM - 24 UN	2074205	3076205	24	0.0417
14 ETM - 20 UN	2074206	3076206	20	0.0500
14 ETM - 18 UN	2074208	3076208	18	0.0556
14 ETM - 16 UN	2074210	3076210	16	0.0625
14 ETM - 14 UN	2074212	3076212	14	0.0714
14 ETM - 12 UN	2074214	3076214	12	0.0833

For use with the following holders:

- TMX 0075 - 50 - 14
- TMX 0075 - 54 - 14
- TMX 0075 - 67 - 14
- TMX 0075 - 50 - 14 HM
- TMX 0075 - 57 - 14
- TMX 0075 - 79 - 2 - 14



21 mm External UN

Insert Description	TIN	TLN	TPI	Dec. Ptch
21 ETM - 20 UN	2074217	3076217	20	0.0500
21 ETM - 18 UN	2074219	3076219	18	0.0556
21 ETM - 16 UN	2074221	3076221	16	0.0625
21 ETM - 14 UN	2074223	3076223	14	0.0714
21 ETM - 12 UN	2074225	3076225	12	0.0833
21 ETM - 10 UN	2074227	3076227	10	0.1000
21 ETM - 9 UN	2074229	3076229	9	0.1111
21 ETM - 8 UN - S*	2074230	3076230	8	0.1250

* S denotes single side use only

For use with the following holders:

- TMX 0075 - 75 - 21
- TMX 0075 - 88 - 21
- TMX 0100 - 118 - 2 - 21

UN (Unified National), Thread Mill Inserts



30 mm External UN

Insert Description	TIN	TLN	TPI	Dec. Ptch
30 ETM - 18 UN	2074232	3076232	18	0.0556
30 ETM - 16 UN	2074234	3076234	16	0.0625
30 ETM - 14 UN	2074236	3076236	14	0.0714
30 ETM - 12 UN	2074238	3076238	12	0.0833
30 ETM - 10 UN	2074240	3076240	10	0.1000
30 ETM - 8 UN	2074242	3076242	8	0.1250
30 ETM - 7 UN	2074244	3076244	7	0.1429
30 ETM - 6 UN - S*	2074245	3076245	6	0.1667
30 ETM - 5 UN - S*	2074246	3076246	5	0.2000

* S denotes single side use only

For use with the following holders:

- TMX 0075 - 248 - 30
- TMX 0125 - 158 - 2 - 30
- TMX 0100 - 114 - 30
- TMX 0100 - 315 - 4 - 30



40 mm External UN

Insert Description	TIN	TLN	TPI	Dec. Ptch
40 ETM - 18 UN	2074247	3076247	18	0.0556
40 ETM - 16 UN	2074248	3076248	16	0.0625
40 ETM - 14 UN	2074249	3076249	14	0.0714
40 ETM - 12 UN	2074250	3076250	12	0.0833
40 ETM - 10 UN	2074251	3076251	10	0.1000
40 ETM - 8 UN	2074252	3076252	8	0.1250
40 ETM - 7 UN	2074253	3076253	7	0.1429
40 ETM - 6 UN	2074254	3076254	6	0.1667
40 ETM - 5 UN	2074255	3076255	5	0.2000
40 ETM - 4.5 UN	2074256	3076256	4.5	0.2222
40 ETM - 4 UN - S*	2074257	3076257	4	0.2500
40 ETM - 3 UN - S*	2074258	3076258	3	0.3333

For use with the following holders:

- TMX 0100 - 315 - 4 - 40
- TMX 0150 - 173 - 40
- TMX 0150 - 197 - 2 - 40



14 mm Internal UN

Insert Description	TIN	TLN	TPI	Dec. Ptch
14 NTM - 48 UN	2074100	3076100	48	0.0208
14 NTM - 40 UN	2074101	3076101	40	0.0250
14 NTM - 32 UN	2074102	3076102	32	0.0313
14 NTM - 28 UN	2074103	3076103	28	0.0357
14 NTM - 27 UN	2074104	3076104	27	0.0370
14 NTM - 24 UN	2074105	3076105	24	0.0417
14 NTM - 20 UN	2074106	3076106	20	0.0500
14 NTM - 18 UN	2074107	3076107	18	0.0556
14 NTM - 16 UN	2074108	3076108	16	0.0625
14 NTM - 14 UN	2074109	3076109	14	0.0714
14 NTM - 12 UN	2074110	3076110	12	0.0833

For use with the following holders:

- TMX 0075 - 50 - 14
- TMX 0075 - 57 - 14
- TMX 0075 - 54 - 14
- TMX 0075 - 79 - 2 - 14
- TMX 0075 - 67 - 14
- TMX 0075 - 50 - 14 HM



21 mm Internal UN

Insert Description	TIN	TLN	TPI	Dec. Ptch
21 NTM - 32 UN	2074112	3076112	32	0.0313
21 NTM - 20 UN	2074113	3076113	20	0.0500
21 NTM - 18 UN	2074114	3076114	18	0.0556
21 NTM - 16 UN	2074115	3076115	16	0.0625
21 NTM - 14 UN	2074116	3076116	14	0.0714
21 NTM - 12 UN	2074117	3076117	12	0.0833
21 NTM - 10 UN	2074118	3076118	10	0.1000
21 NTM - 8 UN - S*	2074119	3076119	8	0.1250

* S denotes single side use only

For use with the following holders:

- TMX 0075 - 75 - 21
- TMX 0100 - 118 - 2 - 21
- TMX 0075 - 88 - 21

UN Thread Mill Inserts



30 mm Internal UN

Insert Description	TIN	TLN	TPI	Dec. Ptch
30 NTM - 18 UN	2074120	3076120	18	0.0556
30 NTM - 16 UN	2074121	3076121	16	0.0625
30 NTM - 14 UN	2074122	3076122	14	0.0714
30 NTM - 12UN	2074123	3076123	12	0.0833
30 NTM - 10 UN	2074124	3076124	10	0.1000
30 NTM - 8 UN	2074125	3076125	8	0.1250
30 NTM - 7 UN	2074126	3076126	7	0.1429
30 NTM - 6 UN - S*	2074127	3076127	6	0.1667
30 NTM - 5 UN - S*	2074128	3076128	5	0.2000

* S denotes single side use only

For use with the following holders:

- TMX 0075 - 248 - 4 - 30
- TMX 0100 - 114 - 30
- TMX 0125 - 158 - 2 - 30
- TMX 0100 - 315 - 4 - 30



40 mm Internal UN

Insert Description	TIN	TLN	TPI	Dec. Ptch
40 NTM - 18 UN	2074129	3076129	18	0.0556
40 NTM - 16 UN	2074130	3076130	16	0.0625
40 NTM - 12 UN	2074131	3076131	12	0.0833
40 NTM - 10 UN	2074132	3076132	10	0.1000
40 NTM - 8 UN	2074133	3076133	8	0.1250
40 NTM - 7 UN	2074134	3076134	7	0.1429
40 NTM - 6 UN	2074135	3076135	6	0.1667
40 NTM - 5 UN	2074136	3076136	5	0.2000
40 NTM - 4.5 UN	2074137	3076137	4.5	0.2222
40 NTM - 4 UN - S*	2074138	3076138	4	0.2500
40 NTM - 3 UN - S*	2074139	3076139	3	0.3333

* S denotes single side use only

For use with the following holders:

- TMX 0100 - 315 - 4 - 40
- TMX 0150 - 173 - 40
- TMX 0150 - 197 - 2 - 40

Indexable Thread Mill Inserts



40 mm External UNJ

Insert Description	TIN	TLN	TPI	Dec. Ptch
14 ETM - 20 UNJ	2074207	3076207	20	0.0500
14 ETM - 18 UNJ	2074209	3076209	18	0.0556
14 ETM - 16 UNJ	2074211	3076211	16	0.0625
14 ETM - 14 UNJ	2074213	3076213	14	0.0714
14 ETM - 12 UNJ	2074216	3076216	12	0.0833

For use with the following holders:

- TMX 0075 - 50 - 14
- TMX 0075 - 54 - 14
- TMX 0075 - 67 - 14
- TMX 0075 - 50 - 14 HM
- TMX 0075 - 57 - 14
- TMX 0075 - 79 - 2 - 14



30 mm External UNJ

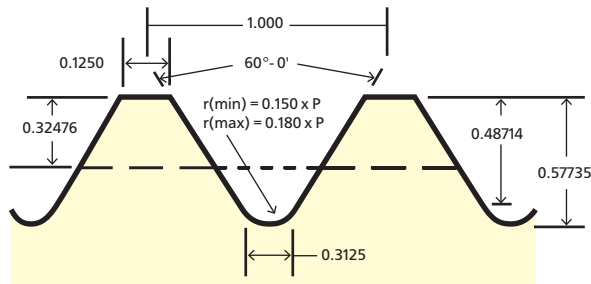
Insert Description	TIN	TLN	TPI	Dec. Ptch
30 ETM - 18 UNJ	2074233	3076233	18	0.0556
30 ETM - 16 UNJ	2074235	3076235	16	0.0625
30 ETM - 14 UNJ	2074237	3076237	14	0.0714
30 ETM - 12 UNJ	2074239	3076239	12	0.0833
30 ETM - 10 UNJ	2074241	3076241	10	0.1000
30 ETM - 8 UNJ	2074243	3076243	8	0.1250

For use with the following holders:

- TMX 0075 - 248 - 4 - 30
- TMX 0100 - 114 - 30
- TMX 0125 - 158 - 2 - 30
- TMX 0100 - 315 - 4 - 30

External UNJ (Aerospace)

External UNJ thread forms are made to MIL-S-8879C specifications and are generally used in aerospace applications when a controlled root radius of the external thread is specified. Exact dimensions of the thread form can be determined by multiplying the decimal pitch times multipliers shown in the following drawing:



21 mm External UNJ

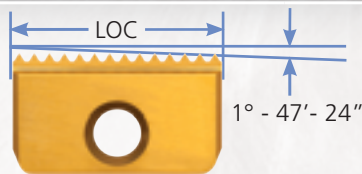
Insert Description	TIN	TLN	TPI	Dec. Ptch
21 ETM - 20 UNJ	2074218	3076218	20	0.0500
21 ETM - 18 UNJ	2074220	3076220	18	0.0556
21 ETM - 16 UNJ	2074222	3076222	16	0.0625
21 ETM - 14 UNJ	2074224	3076224	14	0.0714
21 ETM - 12 UNJ	2074226	3076226	12	0.0833
21 ETM - 10 UNJ	2074228	3076228	10	0.1000
21 ETM - 8 UNJ - S*	2074231	3076231	8	0.1250

* S denotes single side use only

For use with the following holders:

- TMX 0075 - 75 - 21
- TMX 0100 - 118 - 2 - 21
- TMX 0075 - 88 - 21

Indexable Thread Mill Inserts



Internal Or External NPT (National Pipe Taper)

Insert Description	TIN	TLN	TPI	Dec. Ptch	NPT Size	Max Loc**	Recommended Tool Holder
14 mm Inserts							
14 XTM - 18 NPT - SXP*	2074360	3076360	18	0.0556	3/8" - 18 NPT	0.4626	TMX 0075 - 45 - 14T
14 XTM - 14 NPT - SXP*	2074361	3076361	14	0.0714	1/2" - 14 NPT	0.5000	TMX 0075 - 54 - 14T
21 mm Inserts							
21 XTM - 18 NPT - S*	2074302	3076302	18	0.0556	External use only	0.7778	TMX 0075 - 70 - 21T
21 XTM - 14 NPT - SXP*	2074362	3076362	14	0.0714	3/4" - 14 NPT	0.7857	TMX 0075 - 70 - 21T
21 XTM - 11.5 NPT - S*	2074304	3076304	11.5	0.0870	1" thru 2" - 11.5 NPT	0.7826	TMX 0075 - 88 - 21
30 mm Inserts							
30 XTM - 11.5 NPT - S*	2074305	3076305	11.5	0.0870	1-1/4" - 2" - 11.5 NPT	1.1304	TMX 0100 - 114 - 30
30 XTM - 8 NPT - S*	2074306	3076306	8	0.1250	2-1/2" - 8 NPT	1.1250	TMX 0125 - 158 - 2 - 30
40 mm Inserts							
40 XTM - 11.5 NPT - S*	2074307	3076307	11.5	0.1667	2" - 11.5 NPT	1.5652	TMX 0150 - 173 - 40
40 XTM - 8 NPT - S*	2074308	3076308	8	0.1250	2-1/2" - 8 NPT & UP	1.5000	TMX 0150 - 173 - 40
							TMX 0150 - 197 - 2 - 40

* S denotes single side use only

** Max. LOC refers to the maximum length of full threads available on the insert. To determine the actual length of full thread required for a given size NPT thread, please refer to page 21 of this catalog. In most cases, the standard L3 gage length plus one pitch is less than the maximum LOC of the insert.

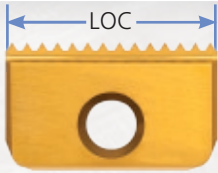
Internal Or External NPTF (Dryseal)

Insert Description	TIN	TLN	TPI	Dec. Ptch	NPT Size	Max Loc**	Recommended Tool Holder
14 mm Inserts							
14 XTM - 18 NPTF - SXP*	2074363	3076363	18	0.0556	3/8" - 18 NPTF	0.4626	TMX 0075 - 45 - 14T
14 XTM - 14 NPTF - SXP*	2074364	3076364	14	0.0714	1/2" - 14 NPTF	0.5000	TMX 0075 - 54 - 14T
21 mm Inserts							
21 XTM - 18 NPTF - S*	2074311	3076311	18	0.0556	External use only	0.7778	TMX 0075 - 70 - 21T
21 XTM - 14 NPTF - SXP*	2074365	3076365	14	0.0714	3/4" - 14 NPTF	0.7857	TMX 0075 - 70 - 21T
21 XTM - 11.5 NPTF - S*	2074313	3076313	11.5	0.0870	1" thru 2" - 11.5 NPTF	0.7826	TMX 0075 - 88 - 21
30 mm Inserts							
30 XTM - 11.5 NPTF - S*	2074314	3076314	11.5	0.0870	1-1/4" to 2" - 11.5 NPTF	1.1304	TMX 0100 - 114 - 30
30 XTM - 8 NPTF - S*	2074315	3076315	8	0.1250	2-1/2" - 8 NPTF	1.1250	TMX 0125 - 158 - 2 - 30
40 mm Inserts							
40 XTM - 11.5 NPTF - S*	2074316	3076316	11.5	0.1667	2" - 11.5 NPTF	1.5652	TMX 0150 - 173 - 40
40 XTM - 8 NPTF - S*	2074317	3076317	8	0.1250	2-1/2" - 8 NPTF & UP	1.5000	TMX 0150 - 173 - 40
							TMX 0150 - 197 - 2 - 40

* S denotes single side use only

** Max. LOC refers to the maximum length of full threads available on the insert. To determine the actual length of full thread required for a given size NPT thread, please refer to page 21 of this catalog. In most cases, the standard L3 gage length plus one pitch is less than the maximum LOC of the insert.

Indexable Thread Mill Inserts



Internal NPSM (National Pipe Straight Mechanical)

Insert Description	TIN	TLN	TPI	Dec. Ptch	NPSM Size	Max Loc	Recommended Tool Holder
14 mm Inserts							
14 NTM - 18 NPSM	2074318	3076318	18	0.0556	3/8" - 18 NPSM	0.4626	TMX 0075 - 50 - 14
14 NTM - 14 NPSM	2074319	3076319	14	0.0714	1/2" - 14 NPSM	0.5000	TMX 0075 - 54 - 14
21 mm Inserts							
21 NTM - 14 NPSM	2074321	3076321	14	0.0714	3/4" - 14 NPSM	0.7857	TMX 0075 - 75 - 21
21 NTM - 11.5 NPSM	2074322	3076322	11.5	0.0870	1" thru 2" - 11.5 NPSM	0.7826	TMX 0075 - 88 - 21
30 mm Inserts							
30 NTM - 11.5 NPSM	2074323	3076323	11.5	0.0870	1-1/4" thru 2" - 11.5 NPSM	1.1304	TMX 0100 - 114 - 30
30 NTM - 8 NPSM	2074324	3076324	8	0.1250	2-1/2" - 8 NPSM & UP	1.1250	TMX 0125 - 158 - 2 - 30

External NPSM (National Pipe Straight Mechanical)

Insert Description	TIN	TLN	TPI	Dec. Ptch	NPSM Size	Max Loc**	Recommended Tool Holder
14 mm Inserts							
14 ETM - 18 NPSM	2074325	3076325	18	0.0556	3/8" - 18 NPSM	0.4626	TMX 0075 - 67 - 14
14 ETM - 14 NPSM	2074326	3076326	14	0.0714	1/2" - 14 NPSM	0.5000	TMX 0075 - 67 - 14
21 mm Inserts							
21 ETM - 18 NPSM	2074327	3076327	18	0.0556	External use only	0.7778	TMX 0075 - 75 - 21
21 ETM - 14 NPSM	2074328	3076328	14	0.0714	3/4" - 14 NPSM	0.7857	TMX 0075 - 75 - 21
21 ETM - 11.5 NPSM	2074329	3076329	11.5	0.0870	1" thru 2" - 11.5 NPSM	0.7826	TMX 0075 - 88 - 21
30 mm Inserts							
30 ETM - 11.5 NPSM	2074330	3076330	11.5	0.0870	1" thru 2" - 11.5 NPSM	1.1304	TMX 0100 - 114 - 30
30 ETM - 8 NPSM	2074331	3076331	8	0.1250	2-1/2" - 8 NPSM & UP	1.1250	TMX 0125 - 158 - 2 - 30

Internal or External BSPT (British Standard Pipe Taper)

Insert Description	TIN	TLN	TPI	Dec. Ptch	NPT Size	Max Loc	Recommended Tool Holder
14 mm Inserts							
14 XTM - 14 BSPT - S*	2074349	3076349	14	0.0714	R 1/2" & R 3/4" - 14 BSPT	0.5000	TMX 0075 - 54 - 14T
21 mm Inserts							
21 XTM - 14 BSPT - S*	2074350	3076350	14	0.0714	R 3/4" - 14 BSPT	0.7857	TMX 0075 - 70 - 21T
21 XTM - 11 BSPT - S*	2074351	3076351	11	0.0909	R 1" thru R 2" - 11 BSPT	0.8182	TMX 0075 - 88 - 21
30 mm Inserts							
30 XTM - 11 BSPT - S*	2074352	3076352	11	0.0909	R 1-1/4" thru R 2" - 11 BSP	1.1811	TMX 0100 - 114 - 30
40 mm Inserts							
40 XTM - 11 BSPT - S*	2074353	3076353	11	0.0909	R 2" - 11 BSPT	1.5456	TMX 0150 - 173 - 40

* S denotes single side use only

Indexable Thread Mill Inserts



Internal or External BSP (British Standard Pipe)

Insert Description	TIN	TLN	TPI	Dec. Ptch	NPT Size	Max Loc	Recommended Tool Holder
14 mm Inserts							
14 XTM - 19 BSP	2074341	3076341	19	0.0526	G 3/8"- 19 BSP	0.5263	TMX 0075 - 50 - 14
14 XTM - 14 BSP	2074342	3076342	14	0.0714	G 1/2" & G 3/4"- 14 BSP	0.5000	TMX 0075 - 67 - 14
14 XTM - 11 BSP - S*	2074343	3076343	11	0.0909	G 1" thru G 2"- 11 BSP	0.5455	TMX 0075 - 67 - 14
21 mm Inserts							
21 XTM - 14 BSP	2074344	3076344	14	0.0714	G 3/4"- 14 BSP	0.7857	TMX 0075 - 75 - 21
21 XTM - 11 BSP	2074345	3076345	11	0.0909	G 1" thru G 2"- 11 BSP	0.8182	TMX 0075 - 88 - 21
30 mm Inserts							
30 XTM - 14 BSP	2074347	3076347	11	0.0909	External use only	1.1429	TMX 0100 - 114 - 30
30 XTM - 11 BSP	2074346	3076346	11	0.0909	G 1-1/4" thru G 2"- 11 BSP	1.1811	TMX 0100 - 114 - 30
40 mm Inserts							
40 XTM - 11 BSP	2074348	3076348	11	0.0909	G 2"- 11 BSP Internal	1.5455	TMX 0150 - 173 - 40

Indexable Thread Mill Insert Identification System

21

N

TM - 14

UN

TIN

21

Denotes Insert Length In Millimeters (mm)

N

N=Internal
E=External
X=Internal Or External Application

TM

Denotes Insert Style Used For Thread Milling

14

Denotes Pitch In Threads Per Millimeter (mm)

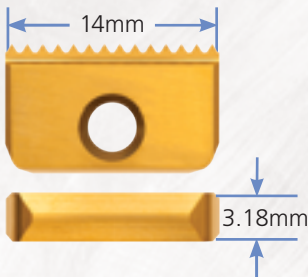
UN

Thread Form
UN=Unified
ISO=Metric
NPT=National Pipe Taper
NPTF=Dryseal
W=Whitworth

0T20C

Carbide Grade
TIN = TiN PVD Coated
TLN = TiAlN PVD Coated

UN (Unified National), Thread Mill Inserts

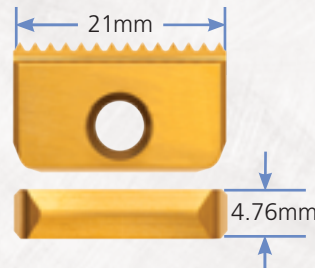


14 mm External UN

Insert Description	TIN	TLN	TPI	Dec. Ptch
14 ETM - 48 UN	2074200	3076200	48	0,5283
14 ETM - 40 UN	2074201	3076201	40	0,6350
14 ETM - 32 UN	2074202	3076202	32	0,7950
14 ETM - 28 UN	2074203	3076203	28	0,9068
14 ETM - 27 UN	2074204	3076204	27	0,9398
14 ETM - 24 UN	2074205	3076205	24	1,0592
14 ETM - 20 UN	2074206	3076206	20	1,2700
14 ETM - 18 UN	2074208	3076208	18	1,4122
14 ETM - 16 UN	2074210	3076210	16	1,5875
14 ETM - 14 UN	2074212	3076212	14	1,8136
14 ETM - 12 UN	2074214	3076214	12	2,1158

For use with the following holders:

- TMX 0075 - 50 - 14
- TMX 0075 - 54 - 14
- TMX 0075 - 67 - 14
- TMX 0075 - 50 - 14 HM
- TMX 0075 - 57 - 14
- TMX 0075 - 79 - 2 - 14



21 mm External UN

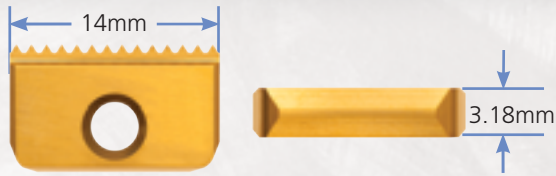
Insert Description	TIN	TLN	TPI	Dec. Ptch
21 ETM - 20 UN	2074217	3076217	20	0,5283
21 ETM - 18 UN	2074219	3076219	18	1,4122
21 ETM - 16 UN	2074221	3076221	16	1,5875
21 ETM - 14 UN	2074223	3076223	14	1,8136
21 ETM - 12 UN	2074225	3076225	12	2,1158
21 ETM - 10 UN	2074227	3076227	10	2,540
21 ETM - 9 UN	2074229	3076229	9	2,8219
21 ETM - 8 UN - S*	2074230	3076230	8	3,1750

* S denotes single side use only

For use with the following holders:

- TMX 0075 - 75 - 21
- TMX 0100 - 118 - 2 - 21
- TMX 0075 - 88 - 21

ISO Thread Mill Inserts

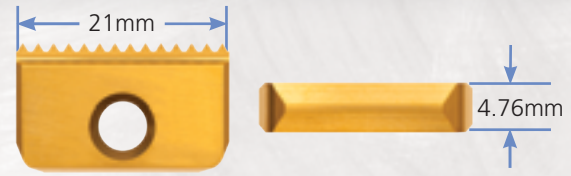


14 mm External ISO

Insert Description	TIN	TLN	Pitch*
14 ETM - 1,00 ISO	2074500	3076500	1,0 mm
14 ETM - 1,50 ISO	2074501	3076501	1,5 mm
14 ETM - 2,00 ISO	2074502	3076502	2,0 mm

For use with the following holders:

- TMX 0075 - 50 - 14
- TMX 0075 - 54 - 14
- TMX 0075 - 67 - 14
- TMX 0075 - 50 - 14 - HM
- TMX 0075 - 57 - 14
- TMX 0075 - 79 - 2 - 14

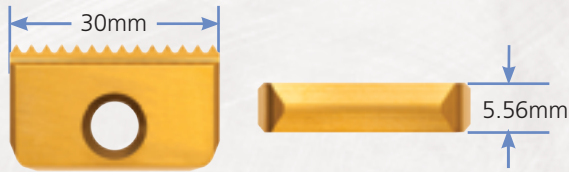


21 mm External ISO

Insert Description	TIN	TLN	Pitch*
21 ETM - 1,00 ISO	2074503	3076503	1,0 mm
21 ETM - 1,50 ISO	2074504	3076504	1,5 mm
21 ETM - 2,00 ISO	2074505	3076505	2,0 mm
21 ETM - 2,50 ISO	2074506	3076506	2,5 mm
21 ETM - 3,00 ISO	2074507	3076507	3,0 mm
21 ETM - 3,50 ISO	2074508	3076508	3,5 mm

For use with the following holders:

- TMX 0075 - 75 - 21
- TMX 0075 - 88 - 21
- TMX 0100 - 118 - 2 - 21



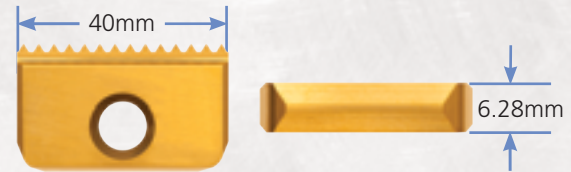
30 mm External ISO

Insert Description	TIN	TLN	Pitch*
30 ETM - 1,50 ISO	2074509	3076509	1,5 mm
30 ETM - 2,00 ISO	2074510	3076510	2,0 mm
30 ETM - 2,50 ISO	2074511	3076511	2,5 mm
30 ETM - 3,00 ISO	2074512	3076512	3,0 mm
30 ETM - 3,50 ISO	2074513	3076513	3,5 mm
30 ETM - 4,00 ISO-S*	2074514	3076514	4,0 mm

* S denotes single side use only

For use with the following holders:

- TMX 0075 - 248 - 4 - 30
- TMX 0100 - 114 - 30
- TMX 0100 - 315 - 4 - 30
- TMX 0125 - 158 - 2 - 30



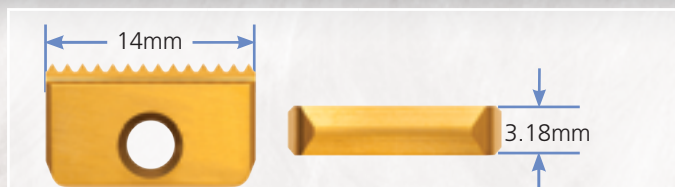
40 mm External ISO

Insert Description	TIN	TLN	Pitch*
40 ETM - 4,00 ISO	2074515	3076515	4,0 mm
40 ETM - 5,00 ISO	2074516	3076516	5,0 mm
40 ETM - 6,00 ISO	2074517	3076517	6,0 mm

For use with the following holders:

- TMX 0100 - 315 - 4 - 40
- TMX 0150 - 197 - 2 - 40
- TMX 0150 - 173 - 40

Internal ISO Thread Mill Inserts



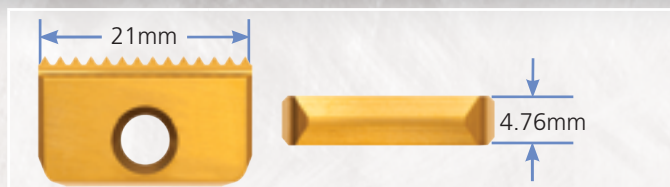
14 mm Internal ISO

Insert Description	TIN	TLN	Pitch*
14 NTM - 1,00 ISO	2074400	3076400	1,0 mm
14 NTM - 1,50 ISO	2074401	3076401	1,5 mm
14 NTM - 2,00 ISO-S*	2074402	3076402	2,0 mm

* S denotes single side use only

For use with the following holders:

- TMX 0075 - 50 - 14
- TMX 0075 - 54 - 14
- TMX 0075 - 67 - 14
- TMX 0075 - 50 - 14 - HM
- TMX 0075 - 57 - 14
- TMX 0075 - 79 - 2 - 14



21 mm Internal ISO

Insert Description	TIN	TLN	Pitch*
21 NTM - 1,00 ISO	2074403	3076403	1,0 mm
21 NTM - 1,25 ISO	2074404	3076404	1,25 mm
21 NTM - 1,50 ISO	2074405	3076405	1,5 mm
21 NTM - 2,00 ISO	2074406	3076406	2,0 mm
21 NTM - 2,50 ISO	2074407	3076407	2,5 mm
21 NTM - 3,00 ISO	2074408	3076408	3,0 mm
21 NTM - 3,50 ISO	2074409	3076409	3,5 mm

For use with the following holders:

- TMX 0075 - 75 - 21
- TMX 0100 - 118 - 2 - 21
- TMX 0075 - 88 - 21



30 mm Internal ISO

Insert Description	TIN	TLN	Pitch*
30 NTM - 1,50 ISO	2074410	3076410	1,5 mm
30 NTM - 2,00 ISO	2074411	3076411	2,0 mm
30 NTM - 2,50 ISO	2074412	3076412	2,5 mm
30 NTM - 3,00 ISO	2074413	3076413	3,0 mm
30 NTM - 3,50 ISO	2074414	3076414	3,5 mm
30 NTM - 4,00 ISO-S*	2074415	3076415	4,0 mm
30 NTM - 4,50 ISO-S*	2074416	3076416	4,5 mm
30 NTM - 5,00 ISO-S*	2074417	3076417	5,0 mm
30 NTM - 5,50 ISO-S*	2074418	3076418	5,5 mm

* S denotes single side use only

For use with the following holders:

- TMX 0075 - 248 - 4 - 30
- TMX 0100 - 315 - 4 - 30
- TMX 0100 - 114 - 30
- TMX 0125 - 158 - 2 - 30



40 mm Internal ISO

Insert Description	TIN	TLN	Pitch*
40 NTM - 2,00 ISO	2074419	3076419	2,0 mm
40 NTM - 2,50 ISO	2074420	3076420	2,5 mm
40 NTM - 3,00 ISO	2074421	3076421	3,0 mm
40 NTM - 3,50 ISO	2074422	3076422	3,5 mm
40 NTM - 4,00 ISO	2074423	3076423	4,0 mm
40 NTM - 4,50 ISO	2074424	3076424	4,5 mm
40 NTM - 5,00 ISO	2074425	3076425	5,0 mm
40 NTM - 5,50 ISO	2074426	3076426	5,5 mm
40 NTM - 6,00 ISO	2074427	3076427	6,0 mm

For use with the following holders:

- TMX 0100 - 315 - 4 - 40
- TMX 0150 - 173 - 40
- TMX 0150 - 197 - 2 - 40

Other Thread Forms Available From Omnithread

Omnithread offers special thread forms available on a made-to-order basis.

Certain inserts may be available off the shelf. Just call our technical service facility at 586-574-0952. Be sure to provide the thread form type, major thread diameter, pitch, and length of full thread you need to produce. We will check our current inventory for availability.