

# 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

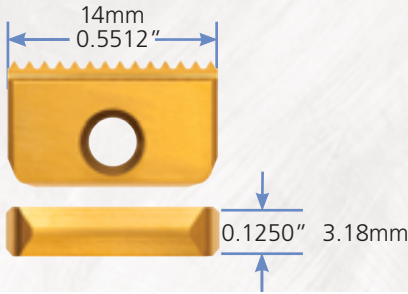
**UN**

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

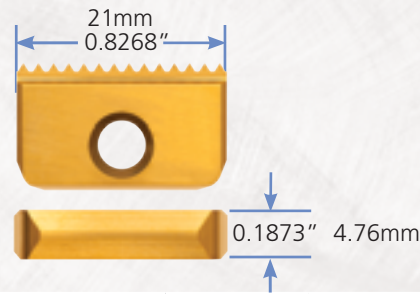


### 14 mm External UN

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

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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 Insert Identification System

## 21

## N

## TM - 14

## UN

## TIN

**21**

Denotes Insert Length In Millimeters (mm)

**N**

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**TM**

Denotes Insert Style Used For Thread Milling

**14**

Denotes Pitch In Threads Per Millimeter (mm)

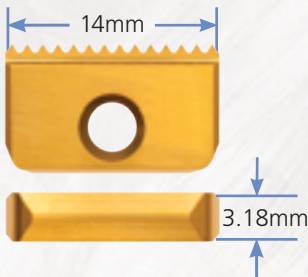
**UN**

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

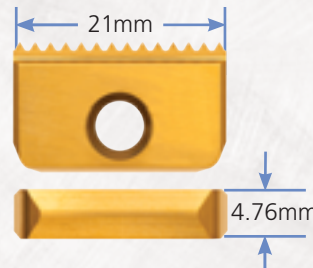


**14 mm External UN**

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