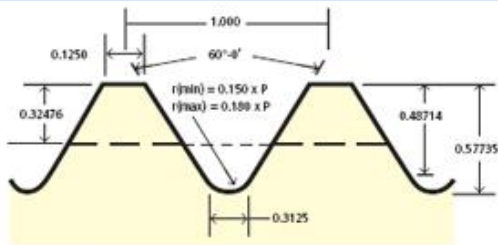


External UNJ (Aerospace)

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:



14 mm External UNJ

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

| Insert Description | OT20C | OT30C | 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 |

21 mm External UNJ

For use with the following holders:

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

| Insert Description | OT20C | OT30C | 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

30 mm External UNJ

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

| Insert Description | OT20C | OT30C | 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 |