# Full Profile UN for Titanium Alloy

## ZANHO Cutting Tools

ZANHO

TG150-FS(UN)

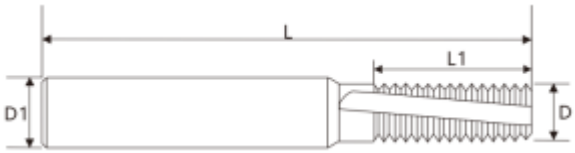
THREADING MILLS



## Feature

- **Ultimate Productivity:** The **Full-Profile Design** allows for cutting the complete thread depth in a single operation (or minimal passes), drastically reducing cycle times in tough titanium alloys.
- **Titanium Machining Expert:** Specifically engineered for optimal performance in **Titanium Alloy, Inconel, and Heat-Resistant Alloys** (Workpiece Category S).
- **Complete UN Standard Coverage:** Precision-ground geometry for American Unified Threads, covering **UNC (Coarse), UNF (Fine), UNEF (Extra Fine), and UNS (Special)** specifications.
- **Aviation Grade Substrate:** Made from premium sub-micron grain carbide for maximum toughness and anti-chipping durability in abrasive materials.

# Descriptions




| ??? Order Number | ?? Specification | ?? D | ??? L1 |
|---|---|---|---|
| TG150-FS-020056UNC | 2-56UNC | 1.65 | 6 |
| TG150-FS-040040UNC | 4-40UNC | 2.13 | 7 |
| TG150-FS-060032UNC | 6-32UNC | 2.56 | 8 |
| TG150-FS-080032UNC | 8-32UNC | 3.2 | 11 |
| TG150-FS-100024UNC | 10-24UNC | 3.6 | 11 |
| TG150-FS-100032UNF | 10-32UNF | 3.8 | 10 |
| TG150-FS-10048UNS | 10-48UNS | 4.1 | 12 |
| TG150-FS-010420UNC | 1/4-20UNC | 4.9 | 13 |
| TG150-FS-010428UNF | 1/4-28UNF | 4.6 | 15 |
| TG150-FS-051618UNC | 5/16-18UNC | 6 | 17 |
| TG150-FS-051624UNF | 5/16-24UNF | 5.9 | 17 |
| TG150-FS-030816UNC | 3/8-16UNC | 7.65 | 20 |
| TG150-FS-030818UNS | 3/8-18UNS | 7.95 | 20 |
| TG150-FS-030824UNF | 3/8-24UNF | 7.4 | 20 |
| TG150-FS-03832UNEF | 3/8-32UNEF | 7.9 | 20 |
| TG150-FS-071614UNC | 7/16-14UNC | 7.6 | 23.6 |

| | | | |
|---|---|---|---|
| TG150-FS-071620UNF | 7/16-20UNF | 8.5 | 23 |
| TG150-FS-071628UNEF | 7/16-28UNEF | 7.9 | 20 |
| TG150-FS-010213UNC | 1/2-13UNC | 9.5 | 25 |
| TG150-FS-010220UNF | 1/2-20UNF | 9.9 | 25 |
| TG150-FS-050811UNC | 5/8-11UNC | 11.95 | 35 |
| TG150-FS-050818UNF | 5/8-18UNF | 11.95 | 30 |
| TG150-FS-091612UNC | 9/16-12UNC | 11.8 | 28.6 |
| TG150-FS-091618UNF | 9/16-18UNF | 10 | 30 |
| TG150-FS-091618UNF | 9/16-18UNF | 11.95 | 30 |
| TG150-FS-091624UNEF | 9/16-24UNEF | 11.9 | 30 |
| TG150-FS-030410UNC | 3/4-10UNC | 14.5 | 40 |
| TG150-FS-030416UNF | 3/4-16UNF | 12 | 28 |
| TG150-FS-030416UNF | 3/4-16UNF | 15.9 | 40 |
| TG150-FS-030420UNEF | 3/4-20UNEF | 11.9 | 30 |
| TG150-FS-070809UNC | 7/8-9UNC | 15.95 | 45 |
| TG150-FS-070814UNF | 7/8-14UNF | 11.6 | 25 |
| TG150-FS-070814UNF | 7/8-14UNF | 15.9 | 40 |
| TG150-FS-070828UN | 7/8-28UN | 12 | 25 |
| TG150-FS-161008UNC | 1'-8UNC | 16 | 40 |
| TG150-FS-100008UNC | 1'-8UNC | 19.95 | 50 |
| TG150-FS-100012UNF | 1'-12UNF | 16 | 40 |
| TG150-FS-100032UN | 1'-32UN | 12 | 20 |