

# Full Profile UN for Titanium Alloy

**ZANHO Cutting Tools**



## TG150-**FS**(UN)

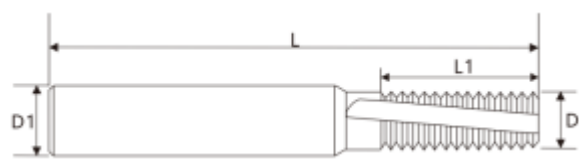
THREADING MILLS



**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   |