

# Full Profile for Titanium Alloy

## Product Images



# TG150-**FS**

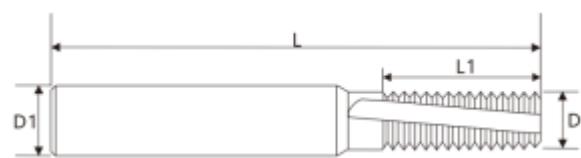
THREADING MILLS



## Summary

- **Ultimate Productivity: Full-Profile Design** allows for cutting the complete thread depth in a single operation (or minimal passes), drastically reducing cycle times in titanium alloys.
- **Titanium Machining Expert:** Precision-engineered for optimal performance in **Titanium Alloy, Inconel, and Heat-Resistant Alloys** (Workpiece Category S).
- **Superior Thermal Protection:** Features an advanced heat-resistant coating to maintain edge sharpness and prevent material adhesion in the extreme heat of titanium cutting.
- **Aviation Grade Substrate:** Made from premium sub-micron grain carbide for maximum toughness and anti-chipping durability in abrasive materials.

## Content



| ??? Order Number | ?? Specification | ?? D | ??? L1 |
|------------------|------------------|------|--------|
| TG150-FS-0160350 | M1.6x0.35        | 1.2  | 3.5    |
| TG150-FS-0200400 | M2x0.4           | 1.54 | 5      |
| TG150-FS-0250450 | M2.5x0.45        | 1.96 | 6      |
| TG150-FS-0300500 | M3x0.5           | 2.4  | 7.5    |
| TG150-FS-0350600 | M3.5x0.6         | 2.75 | 8.5    |
| TG150-FS-0400500 | M4x0.5           | 3    | 8      |
| TG150-FS-0400700 | M4x0.7           | 3.15 | 10     |
| TG150-FS-0450750 | M4.5x0.75        | 3.4  | 9      |
| TG150-FS-4500500 | M5x0.5           | 3.9  | 12     |
| TG150-FS-4500800 | M5x0.8           | 3.95 | 12     |
| TG150-FS-0500800 | M5x0.8           | 3.9  | 13     |
| TG150-FS-0600500 | M6x0.5           | 4.8  | 13     |
| TG150-FS-4600750 | M6x0.75          | 3.9  | 12     |
| TG150-FS-0600750 | M6x0.75          | 5    | 17     |
| TG150-FS-4601000 | M6x1.0           | 3.95 | 12     |
| TG150-FS-0601000 | M6x1.0           | 4.75 | 13     |
| TG150-FS-0800500 | M8x0.5           | 5.9  | 16     |

|                  |          |      |    |
|------------------|----------|------|----|
| TG150-FS-0800750 | M8x0.75  | 5.95 | 18 |
| TG150-FS-0801000 | M8x1.0   | 5.95 | 15 |
| TG150-FS-0801250 | M8x1.25  | 5.9  | 15 |
| TG150-FS-1000500 | M10x0.5  | 7.9  | 20 |
| TG150-FS-1000750 | M10x0.75 | 7.9  | 22 |
| TG150-FS-1001000 | M10x1.0  | 7.9  | 22 |
| TG150-FS-1001250 | M10x1.25 | 7.9  | 20 |
| TG150-FS-1001500 | M10x1.5  | 7.7  | 22 |
| TG150-FS-1200500 | M12x0.5  | 9.95 | 25 |
| TG150-FS-1200750 | M12x0.75 | 9.95 | 20 |
| TG150-FS-1201000 | M12x1.0  | 9.9  | 28 |
| TG150-FS-1201250 | M12x1.25 | 9.9  | 25 |
| TG150-FS-1201500 | M12x1.5  | 9.4  | 24 |
| TG150-FS-1201750 | M12x1.75 | 9.5  | 25 |
| TG150-FS-1401000 | M14x1.0  | 11.9 | 30 |
| TG150-FS-1401500 | M14x1.5  | 9.9  | 25 |
| TG150-FS-1401500 | M14x1.5  | 11.2 | 30 |
| TG150-FS-1402000 | M14x2.0  | 9.9  | 30 |
| TG150-FS-1402000 | M14x2.0  | 11.2 | 30 |
| TG150-FS-1601000 | M16x1.0  | 11.9 | 30 |
| TG150-FS-1601000 | M16x1.0  | 13.9 | 33 |
| TG150-FS-1601500 | M16x1.5  | 11.9 | 30 |
| TG150-FS-1602000 | M16x2.0  | 11.9 | 30 |
| TG150-FS-1801500 | M18x1.5  | 13.9 | 33 |
| TG150-FS-1802000 | M18x2.0  | 13.9 | 33 |
| TG150-FS-1802500 | M18x2.5  | 13.9 | 33 |
| TG150-FS-1802500 | M18x2.5  | 13.9 | 40 |
| TG150-FS-2001000 | M20x1.0  | 16   | 40 |

|                  |          |       |    |
|------------------|----------|-------|----|
| TG150-FS-2001250 | M20x1.25 | 16    | 40 |
| TG150-FS-2001500 | M20x1.5  | 15.95 | 40 |
| TG150-FS-2002000 | M20x2.0  | 15.95 | 40 |
| TG150-FS-2002500 | M20x2.5  | 15.9  | 40 |
| TG150-FS-2403000 | M24x3.0  | 15.9  | 40 |
| TG150-FS-3003500 | M30x3.5  | 15.9  | 40 |
| TG150-FS-3604000 | M36x4.0  | 20    | 40 |