Full Profile for Titanium Alloy

ZANHO Cutting Tools

ZANHO

TG150-FS

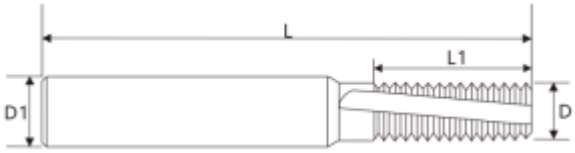
THREADING MILLS



Feature

- **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.

Descriptions



??? 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