Single-Tooth for Aluminum

ZANHO Cutting Tools

ZANHO

TA100-1S

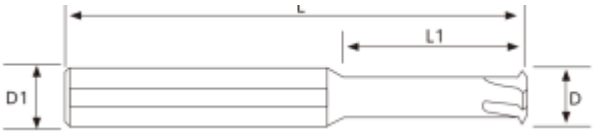
THREADING MILLS



Feature

- **Non-Stick Aluminum Expert:** Specifically designed with a **Single-Tooth** geometry and mirror-polished flutes to eliminate chip welding and built-up edge (BUE) in aluminum and non-ferrous metals.
- **Superior Mirror Finish: Uncoated (Bright)** carbide substrate provides the ultimate edge sharpness, ensuring burr-free threads and high-gloss surface quality.
- **Ultimate Versatility:** Single-tooth design allows one tool to machine multiple thread pitches of the same ISO profile, maximizing cost-efficiency and flexibility.
- **Material Compatibility:** Optimized for **Aluminum Alloy, Copper, Graphite, and Plastics** (Workpiece Category N).

Descriptions



??? Order Number	?? Specification	?? P	?? D
TA100-1S-0080200	M0.8x0.2	0.2-0.225	0.55
TA100-1S-0090225	M0.9x0.225	0.225-0.3	0.6
TA100-1S-0100250	M1x0.25	0.25-0.35	0.73
TA100-1S-0120250	M1.2x0.25	0.25-0.35	0.92
TA100-1S-0140300	M1.4x0.3	0.3-0.4	1.05
TA100-1S-0160350	M1.6x0.35	0.35-0.4	1.21
TA100-1S-0200400	M2x0.4	0.4-0.5	1.54
TA100-1S-0250450	M2.5x0.45	0.45-0.5	1.96
TA100-1S-0300500	M3x0.5	0.5-0.6	2.4
TA100-1S-0400700	M4x0.7	0.5-0.8	3.15
TA100-1S-4500800	M5x0.8	0.5-1.0	4
TA100-1S-0500800	M5x0.8	0.5-1.0	4
TA100-1S-0601000	M6x1.0	0.5-1.0	4.75
TA100-1S-0801250	M8x1.25	0.5-1.25	5.95
TA100-1S-1001500	M10x1.5	0.8-1.5	7.9
TA100-1S-1201750	M12x1.75	1.0-2.5	9.9
TA100-1S-1602000	M16x2.0	1.0-3.0	11.9

TA100-1S-1802500	M18x2.5	1.0-4.0	14
TA100-1S-2002500	M20x2.5	2.0-5.0	16
TA100-1S-2403000	M24x3.0	2.0-5.0	16
TA100-1S-3003500	M30x3.5	3.0-6.0	20