

TTX32 Threading

ZANHO Cutting Tools



TTX32
Threading Inserts

Feature

ZANHO TTX32-HM series: Vertical threading inserts designed for Swiss-type lathes and small automatic lathes. These inserts feature a multi-pitch capability, allowing one insert to process

multiple thread pitches including Metric (ISO), UN, and Whitworth (W/BSPT). Compatible with Kyocera KTTX toolholders, the vertical mounting ensures high rigidity and precision in tight machining spaces. Mirror-polished rake face for smooth chip evacuation without a wiper.

Descriptions

TTX32-HM Series Key Advantages

- Optimized for Swiss-type and small automatic lathes with high precision.
- Vertical mounting design for enhanced stability and chip clearance.
- Versatile multi-pitch capability: One insert handles multiple pitch ranges.
- Broad application: Suitable for M, UN, G, R, W, and NPT thread profiles.
- Compatible with KTTX external toolholders for professional CNC setups.

TTX32-HM Threading Insert Specifications

Designation (-HM)		Pitch Range		Dimensions (mm)						
Right Hand	Left Hand	Metric (ISO)	Inch (TPI)	A	T	φd	θ	R	S1	S2
TTX32R6000-HM	TTX32L6000-HM	0.5 - 1.0	56 - 32	9.525	3.18	4.4	60°	0.00	0.6	1.1
TTX32R60005-HM	TTX32L60005-HM	0.5 - 1.0	48 - 32	9.525	3.18	4.4	60°	0.05	0.6	1.1
TTX32R6001-HM	TTX32L6001-HM	1.0 - 2.0	28 - 14	9.525	3.18	4.4	60°	0.10	1.1	1.6
TTX32R6000S-HM	TTX32L6000S-HM	0.5	56 - 48	9.525	3.18	4.4	60°	0.00	0.3	1.1
TTX32R5501-HM	TTX32L5501-HM	-	28 - 19	9.525	3.18	4.4	55°	0.10	0.75	1.0
TTX32R55015-HM	TTX32L55015-HM	-	29 - 11	9.525	3.18	4.4	55°	0.15	1.2	1.4

KTTX Toolholder Dimensions (mm)

Designation		Dimensions								Spare Parts	
Right Hand	Left Hand	H	h	B	F	H1	H2	L1	L	Screw	Wrench
KTTXR1010K-16F	KTTXL1010K-16F	10	10	10	10	2	2.5	17.6	125	M4*8	T15
KTTXR1212K-16F	KTTXL1212K-16F	12	12	12	12	-	2.5	17.6	125	M4*8	T15
KTTXR1616K-16F	KTTXL1616K-16F	16	16	16	16	-	2.5	17.6	125	M4*8	T15
KTTXR2020K-16F	KTTXL2020K-16F	20	20	20	20	-	2.5	17.6	125	M4*8	T15

Precision Threading Solutions for Swiss Lathes

ZANHO TTX32-HM inserts provide a versatile solution for small part manufacturing. Contact us for bulk wholesale pricing, technical support, and global shipping options.