

# BOOST YOUR TOOL LIFE AND SECURE YOUR PROCESSES IN CAST IRON THREADING WITH NEWLY OPTIMIZED TAPS

## ISO K THREADING TAPS



### YOUR CHALLENGE

Unpredictable tap tool life leads to poor performance and downtime.

### OUR SOLUTION

An increased number of flutes, improved hardness and greater chamfer and thread reliefs secure processes and prevent unexpected breakage.

### YOUR CHALLENGE

Poorly controlled, oversized chips cause scratching, tool wear and a lack of process security.

### OUR SOLUTION

Newly optimized flute shapes and a back chamfer make it easy to evacuate chips, even in deep holes.

**HD TECHNOLOGIES**  
*High Definition in machining*

HD Technologies s.r.o., Kropáčkova 897/15, 460 14 Liberec 14  
Tel: 734 574 202, E-mail: [objednavky@hdtechnologies.cz](mailto:objednavky@hdtechnologies.cz), Web: [www.hdtechnologies.cz](http://www.hdtechnologies.cz)

Visit [SECOTOOLS.COM](http://SECOTOOLS.COM) or scan the QR code and find out more information.



## CUSTOMER BENEFITS

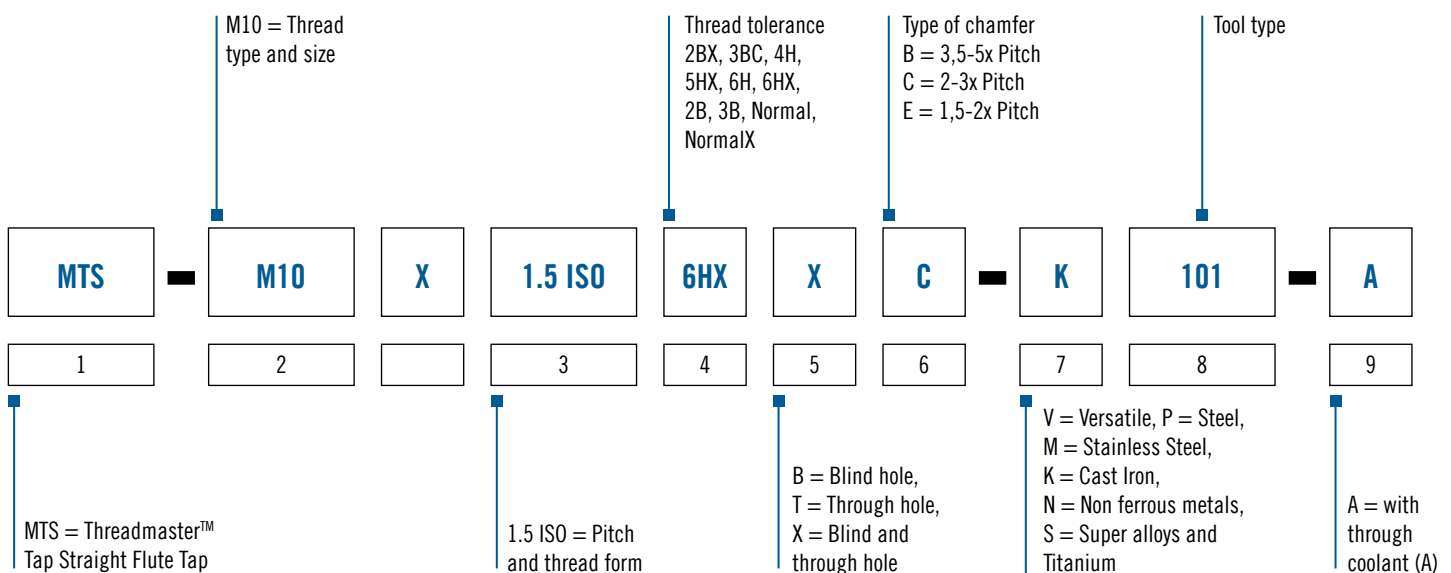
- Significantly greater tool life
- Improved process security
- Lower total costs



# ISO K THREADING TAPS

## HIGHER TAP LIFE AND 50% FASTER CYCLES IN CAST IRON

Cast iron threading has always required a trade off between speed and security. But you can have it all with new ISO K threading taps, which leverage the combination of new grades and geometries to deliver both better tool life and 50% faster threading cycle times than the previous generation of taps. The optimized flute configuration helps to further control chips, even in deep holes, while its advanced design allows for reliable threading in both wet and dry conditions, including MQL machining.



Imperial range	
MTS-1-11G-XC-K121	MTS-3/8-16UNC-XC-K131
MTS-1/2-13UNC-XC-K131	MTS-3/8-19G-XC-K121
MTS-1/2-14G-XC-K121	MTS-3/8-24UNF-XC-K141
MTS-1/2-20UNF-XC-K141	MTS-5/8-11UNC-XC-K131
MTS-1/4-19G-XC-K121	MTS-5/8-18UNF-XC-K141
MTS-1/4-20UNC-XC-K131	MTS-5/16-18UNC-XC-K131
MTS-1/4-28UNF-XC-K141	MTS-5/16-24UNF-XC-K141
MTS-1/8-28G-XC-K121	MTS-7/8-9UNC-XC-K131
MTS-3/4-10UNC-XC-K131	MTS-7/8-14UNF-XC-K141
MTS-3/4-14G-XC-K121	MTS-7/16-14UNC-XC-K131
MTS-3/4-16UNF-XC-K141	MTS-7/16-20UNF-XC-K141

Metric range			
MTS-M3X0.50ISO6HX-XC-K101	MTS-M8X1.25ISO6HX-XC-K102	MTS-M12X1.75ISO6HX-XC-K102-A	MTS-M20X1.50ISO6HX-XC-K111
MTS-M4X0.70ISO6HX-XC-K101	MTS-M8X1.25ISO6HX-XE-K101-A	MTS-M12X1.75ISO6HX-XE-K102-A	MTS-M20X2.50ISO6HX-XC-K102
MTS-M4X0.70ISO6HX-XC-K101-A	MTS-M10X1.00ISO6HX-XC-K111	MTS-M14X1.50ISO6HX-XC-K111	MTS-M20X2.50ISO6HX-XC-K102-A
MTS-M5X0.80ISO6HX-XC-K101	MTS-M10X1.25ISO6HX-XC-K111	MTS-M14X2.00ISO6HX-XC-K102	MTS-M22X2.50ISO6HX-XC-K102
MTS-M5X0.80ISO6HX-XC-K101-A	MTS-M10X1.50ISO6HX-XC-K101	MTS-M14X2.00ISO6HX-XC-K102-A	MTS-M22X2.50ISO6HX-XC-K102-A
MTS-M5X0.80ISO6HX-XE-K101-A	MTS-M10X1.50ISO6HX-XC-K101-A	MTS-M16X1.50ISO6HX-XC-K111	MTS-M24X3.00ISO6HX-XC-K102
MTS-M6X1.00ISO6HX-XC-K101	MTS-M10X1.50ISO6HX-XC-K102	MTS-M16X2.00ISO6HX-XC-K102	MTS-M24X3.00ISO6HX-XC-K102-A
MTS-M6X1.00ISO6HX-XC-K101-A	MTS-M10X1.50ISO6HX-XE-K101-A	MTS-M16X2.00ISO6HX-XC-K102-A	
MTS-M6X1.00ISO6HX-XE-K101-A	MTS-M12X1.25ISO6HX-XC-K111	MTS-M16X2.00ISO6HX-XE-K102-A	
MTS-M8X1.25ISO6HX-XC-K101	MTS-M12X1.50ISO6HX-XC-K111	MTS-M18X1.50ISO6HX-XC-K111	
MTS-M8X1.25ISO6HX-XC-K101-A	MTS-M12X1.75ISO6HX-XC-K102	MTS-M18X2.50ISO6HX-XC-K102	