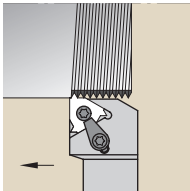
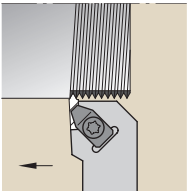
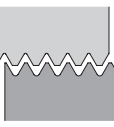

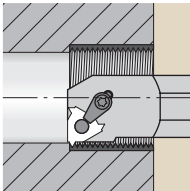
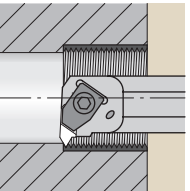
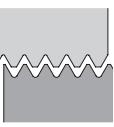



Application	LT Laydown Triangle Threading	TOP NOTCH Threading
External Threading	<p>Square Shank Toolholder Sizes:</p> <ul style="list-style-type: none"> • inch – .500 - 1.25 inch available • metric – 12 mm - 32 mm available <p>also available in KM and KM Micro quick-change tooling</p> 	<p>Square Shank Toolholder Sizes:</p> <ul style="list-style-type: none"> • inch – .375 - 1.5 inch available • metric – 10 mm - 32 mm available <p>also available in KM and KM Micro quick-change tooling</p> 
Fine Pitch 	<p>Cresting (Full Profile) and Partial Profile UN maximum TPI of 48 ISO minimum pitch of 0,5 mm</p> <p>Advantages:</p> <ul style="list-style-type: none"> • chip control in full profile cresting inserts (available to 32 TPI and 0,5 mm pitch) • shims allow adjustment of insert inclination for left-handed and small-diameter threads 	<p>Cresting (Full Profile): UN maximum TPI of 32 ISO minimum pitch of 1,5 mm</p> <p>Partial Profile – Flat Top (NTF and NTK): UN maximum TPI of 44 ISO minimum pitch of 0,6 mm</p> <p>Partial Profile – Chip Control (NT-K): UN maximum TPI of 36 ISO minimum pitch of 0,7 mm</p> <p>Advantages:</p> <ul style="list-style-type: none"> • simple system does not require shim selection • rigid clamping allows fewer passes and ensures reliable performance even on difficult-to-machine materials
Coarse Pitch/ Heavy Duty 	<p>Cresting (Full Profile): UN minimum TPI of 8 ISO maximum pitch of 5,0 mm</p> <p>Partial Profile: UN minimum TPI of 5 ISO maximum pitch of 5,0 mm</p> <p>Advantages:</p> <ul style="list-style-type: none"> • chip control in full profile cresting inserts (available to 8 TPI and 3,0 mm pitch) • shims allow adjustment of insert inclination for left-handed and coarse-pitch or multi-start threads 	<p>Cresting (Full Profile): UN minimum TPI of 7 ISO maximum pitch of 3,0 mm</p> <p>Partial Profile – Flat Top and Chip Control (NT-C and NT-CK): UN minimum TPI of 4.5 ISO maximum pitch of 5,5 mm</p> <p>Advantages:</p> <ul style="list-style-type: none"> • simple system does not require shim selection • rigid clamping allows fewer passes and ensures reliable performance even on difficult-to-machine materials • ideal for heavy-duty forms like Acme, American Buttress, API, and multitooth threading
Internal Threading	<p>Boring Bar Diameters:</p> <ul style="list-style-type: none"> • inch – .375 - 1.25 inch • metric – 12 mm - 32 mm • steel and carbide • min. bore – .500 inch (13 mm) <p>Boring Head Sizes:</p> <ul style="list-style-type: none"> • inch – 1.0 - 2.0 inch • metric – 40 mm - 50 mm • min. bore – 1.20 inch (45 mm) <p>also available in KM quick-change tooling</p> 	<p>Boring Bar Diameters:</p> <ul style="list-style-type: none"> • inch – .312 - 2.5 inch • metric – 7,9 mm - 50 mm • steel, carbide, and heavy metal (inch only) • min. bore – .440 inch (11,5 mm) <p>Boring Head Sizes:</p> <ul style="list-style-type: none"> • inch – 1.25 - 2.5 inch • metric – 32 mm - 60 mm • min. bore – 1.75 inch (44 mm) <p>also available in KM quick-change tooling</p> 
Fine Pitch 	<p>Cresting (Full Profile) and Partial Profile UN maximum TPI of 48 ISO minimum pitch of 0,5 mm</p> <p>Advantages:</p> <ul style="list-style-type: none"> • chip control in full profile cresting inserts (available to 36 TPI and 0,5 mm pitch) • shims allow adjustment of insert inclination for left-handed and small-diameter threads on boring bars larger than .625 inch (16 mm) 	<p>Cresting (Full Profile): UN maximum TPI of 16 ISO minimum pitch of 1,5 mm</p> <p>Partial Profile – Flat Top (NT-1L, NTF and NTK): UN maximum TPI of 24 ISO minimum pitch of 1,0 mm</p> <p>Partial Profile – Chip Control (NT-K): UN maximum TPI of 20 ISO minimum pitch of 1,25 mm</p> <p>Advantages:</p> <ul style="list-style-type: none"> • simple system does not require shim selection • rigid clamping allows fewer passes and ensures reliable performance even on difficult-to-machine materials
Coarse Pitch/ Heavy Duty 	<p>Cresting (Full Profile): UN minimum TPI of 8 ISO maximum pitch of 5,0 mm</p> <p>Partial Profile: UN minimum TPI of 5 ISO maximum pitch of 5,0 mm</p> <p>Advantages:</p> <ul style="list-style-type: none"> • chip control in full profile cresting inserts (available to 8 TPI and 2,5 mm pitch) • shims allow adjustment of insert inclination for left-handed and coarse-pitch or multi-start threads on boring bars larger than .625 inch (16 mm) 	<p>Cresting (Full Profile): UN minimum TPI of 8 ISO maximum pitch of 3,0 mm</p> <p>Partial Profile – Flat Top and Chip Control (NT-C and NT-CK): UN minimum TPI of 4.5 ISO maximum pitch of 5,5 mm</p> <p>Advantages:</p> <ul style="list-style-type: none"> • simple system does not require shim selection • rigid clamping allows fewer passes and ensures reliable performance even on difficult-to-machine materials • Ideal for heavy duty forms like Acme, American Buttress, API, and multitooth threading