HIGH PERFORMANCE MILLING



YG-1 USA

800.765.8665 YG1USA.COM

TRUE 90° SHOULDER MILLING

TPKT

WNEX

LNKU







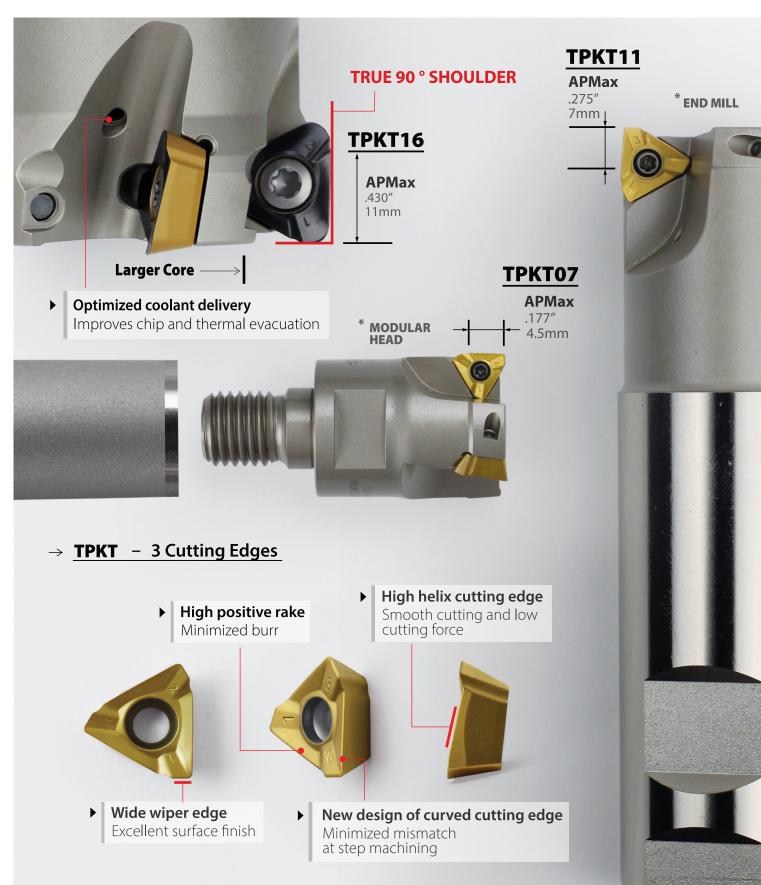
FACE MILLING & HIGH FEED MILLING PNMU ENMX





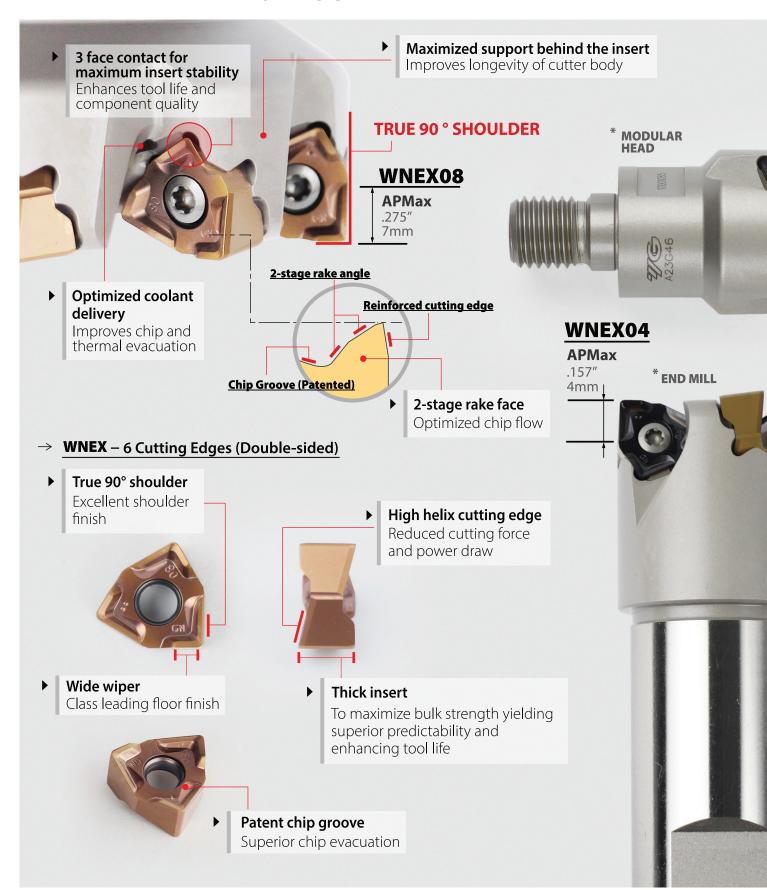
TPKT | TRUE 90° SHOULDER MILLING 07 11 16





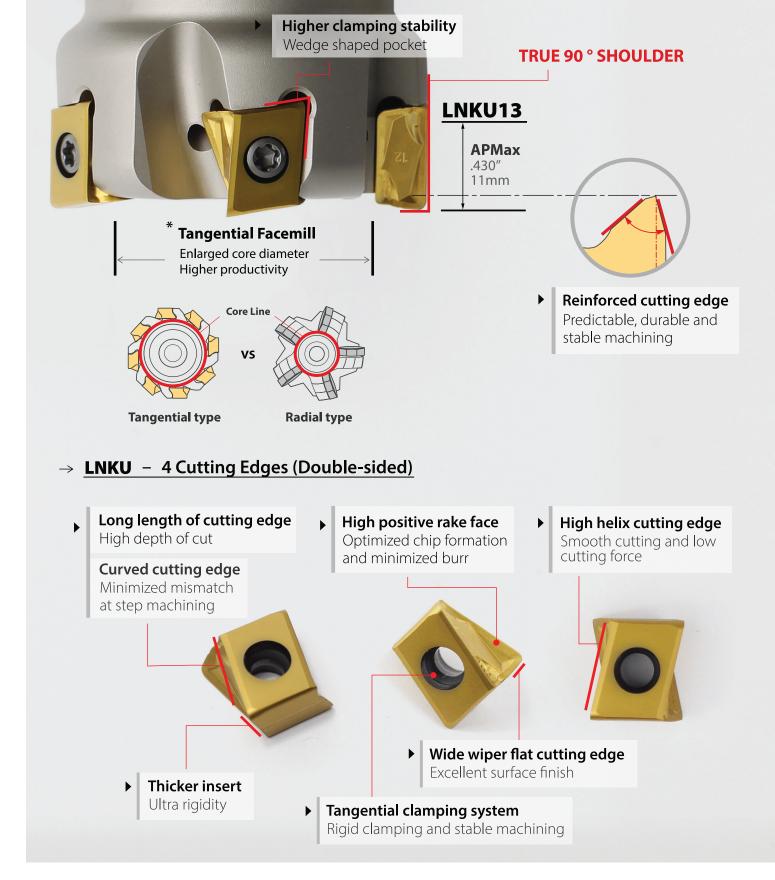
TRUE 90° SHOULDER MILLING 04 08





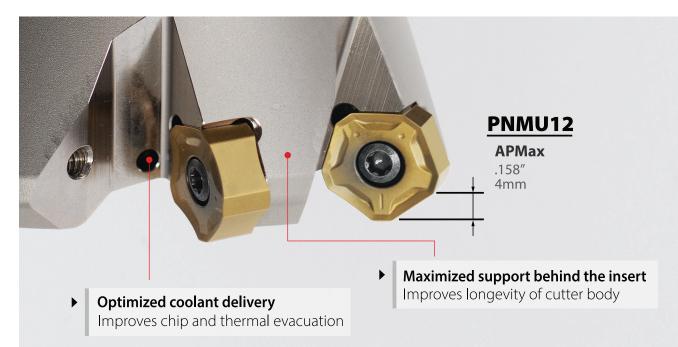
LNKU | TRUE 90° SHOULDER MILLING 13



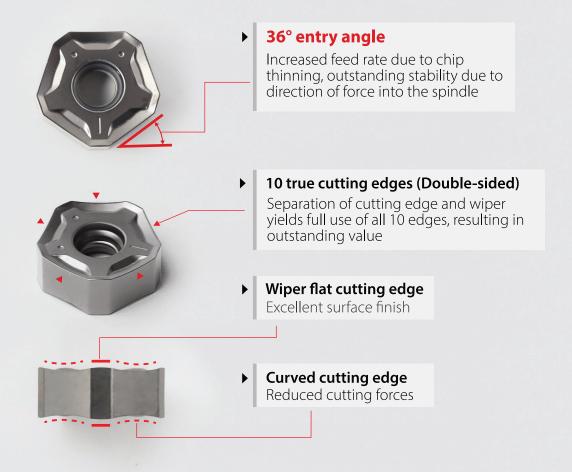


PNMU | FACE MILLING 12





→ **PNMU** – 10 Cutting Edges (Double-sided)



ENMX | HIGH FEED MILLING 04 06 09





MODULAR HEAD



→ TRUE 90° SHOULDER MILLING



APMax	4.5mm/.177"	7mm/.275"	11mm/.430"	4mm/.157"	7mm/.275"	11mm/.430
Feed rate/MRR	Lowest	Low	Low to Medium	Low to Medium	Medium	Medium to High
Finish	Best	Best	Best	Better	Better	Good
Machine type	Sma ll	Small	Small to Medium	Small to Medium	Sma ll to Large	Medium to Large
Setup Stability	Low	Low	Low to Decent	Low to Decent	Decent to Good	Good to Great
Spindle interface	Sma ll	Small	Small to Medium	Small to Medium	Medium to Large	Large
Facemills	32-40mm/1.5-2"	2-5"	50-200mm/2"-6"	40-63mm/2-3"	50-125mm/2-5"	40-160mm/2-10"
Endmills	12-40mm/0.5-1.5"	20-40mm/1.25-2"	32-40mm/1.25-2"	20-32mm/0.75-1.5"	32-50mm/1.25-1.5"	-
Modular	- /.625-1.5"	- /1.25-1.5"	-	20-32mm/0.75-1.5"	32-40mm/1.25-1.5"	-

→ FACE MILLING & PROFILE MILLING



APMax	0.5mm/.020"	1mm/.039"	1.5mm/.059"	4mm/.158"	4mm/.157"	7mm/.275"
Feed rate	High	High	Very high	Medium	Low to Medium	Low
Facing	Good	Good	Good	Best	Good	Good
Finish	Poor	Poor	Poor	Best	Better	Good
Profiling/Ramping	Best	Best	Better	Unsuitable	Good	Good
Machine type	Small	Small	Sma ll to Medium	Sma ll to Large	Small to Medium	Sma ll to Large
Setup Stability	Low	Low	Decent	Decent to Good	Low to Decent	Decent to Good
Spindle interface	Sma ll to Medium	Sma ll to Medium	Small to Large	Small to Large	Small to Medium	Medium to Large
Facemills	-	40-50mm/1.5-3"	50-125mm/2"-6"	50-200mm/2-10"	40-63mm/2-3"	50-125mm/2-5"
Endmills	8-21mm/.375-1.25"	16-32mm/.625-1.5"	25-40mm/1-1.5"	-	20-32mm/0.75-1.5"	32-50mm/1.25-1.5"
Modular	10-32mm/.375-1.375"	16-42mm/.625-1.5"	- /1-1.5"	-	20-32mm/0.75-1.5"	32-40mm/1.25-1.5"

YG-1 ROTARY TOOLING

HYDRAULIC CHUCK (Power E)



SHELL MILL ARBOR



END MILL HOLDER



SK SL**I**M CHUCK



ER COLLET CHUCK



SHRINK FIT HOLDER



POWER MILLING CHUCK



TAPPING ER CHUCK



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