

NEW PRODUCT NEWS

TOPDUTY



50mm Cutting Edge

For larger part machining in the wind power,
shipbuilding and power plant industries



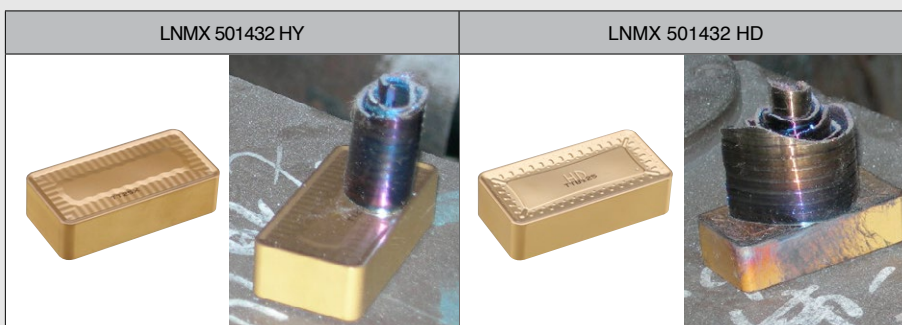
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50mm cutting edge

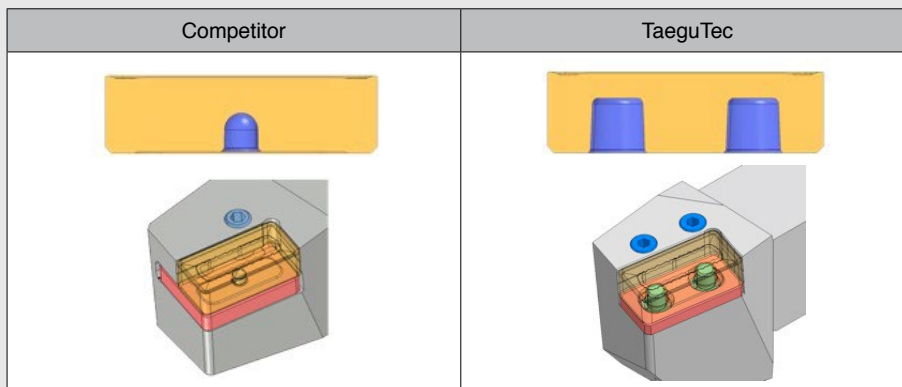
For larger part machining in the wind power, shipbuilding and power plant industries

FEATURES

- 50mm cutting edge enables cutting up to 45mm depth of cut
- Rectilinear shaped cutting edge ideal for heavy roughing on a high-powered machine
- The HD insert is suitable for continuous machining and the HY insert is for interrupted operations



- Two blind holes and lever clamping system provide simple but strong clamping forces without lowering the rigidity of the insert



TaeguTec has launched its new 50mm turning insert for the rough machining of large parts on high-powered machines. The ISO type HD and HY chip breaker inserts have been widely used in the heavy machining industries, credit to their strong cutting edges and stable chip breaking. With its innovative geometries, TaeguTec has developed a 50mm cutting edge for machining a depth of cut up to 45mm. This delivers outstanding productivity, cost reductions and cycle time improvements. Unlike competitors' single-hole clamping systems, the new insert design has two blind holes and a lever clamping system to provide strong and stable clamping forces and excellent machining quality while preventing unexpected damage.

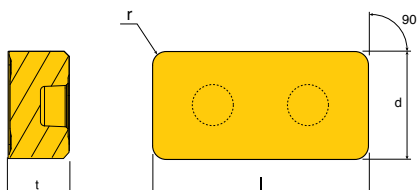
Insert

TOPDUTY



LNMX HD LNMX HY

Designation	d	l	t	r
LNMX 501432 HD	25.4	50.8	14.2	3.2
LNMX 501432 HY	25.4	50.8	14.2	3.2

(mm)



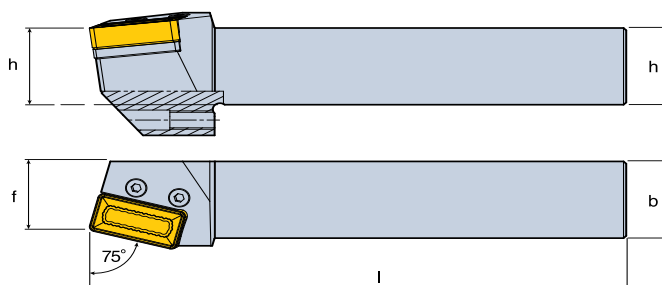
- P** Carbon Steel C: 0.45%
- M** Austenitic Stainless Steel
- K** High Tensile Cast Iron
- N** Aluminum
- S** Inconel
- H** Hardened Steel

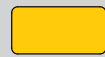






Insert	Designation	Recommended Machining Conditions		Grade & Vc (m/min)																		
				Cermets		CVD Coated						PVD Coated		Uncoated								
		feed (mm/rev)	ap (mm)	PV3010	CT3000	TT1300	TT7310	TT8115	TT8125	TT8135	TT9215	TT9225	TT9235	TT5100	TT7100	TT5080	TT8020	TT9020	TT9080	P20	K10	K20
	LNMX 501432 HD	0.70 - 1.60	6.0 - 40.0						150						90							
	LNMX 501432 HY	0.65 - 1.50	5.0 - 40.0						150						90							

• Other grades are made by order.

● Marked: Standard Items

2PLBNR/L holder



Designation			Dimension (mm)				Insert	Components					
	R	L	h	b	l	f		Lever	Screw	Shim	Shim Pin	Set Screw	Wrench
2PLBNR/L 5050 T5014	•	•	50	50	300	45							

● Marked: Standard Items