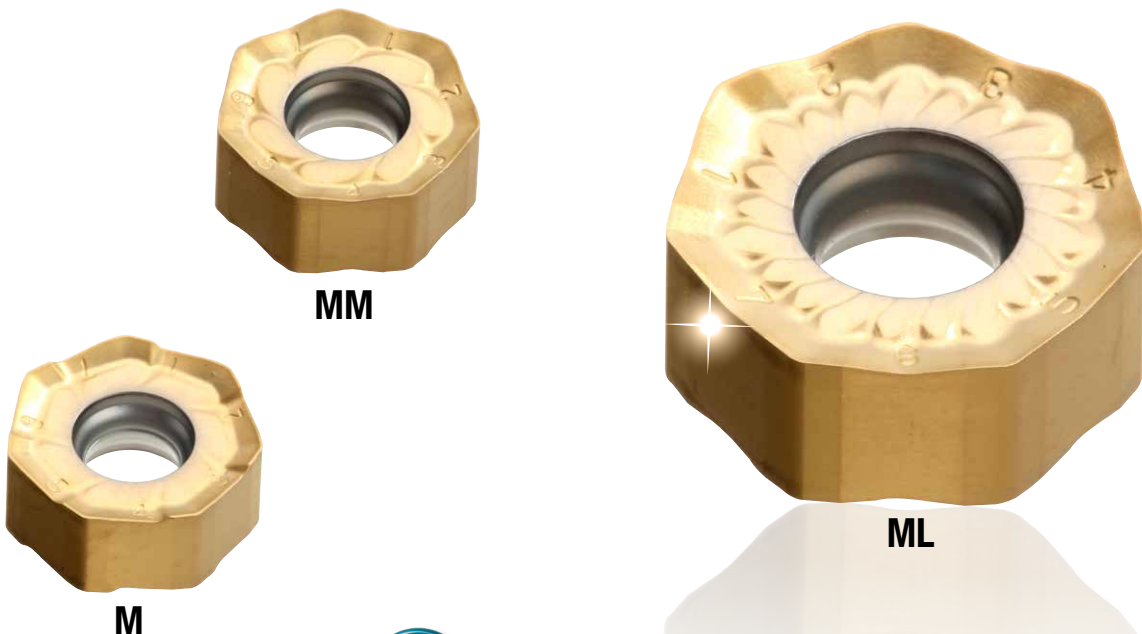


# NEW PRODUCT NEWS

CHASE<sup>2</sup> HEPTA



## Economic 14 Cutting Edges CHASE2HEPTA Insert Line Expanded to 06 Size

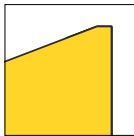

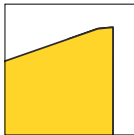

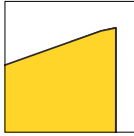



# CHASE2HEPTA

## Economic 14 Cutting Edges CHASE2HEPTA Insert Line Expanded to 06 Size

### FEATURES

- Economical double sided insert - 14 corners, 45° entry angle
- Suitable chip formers for various applications

<p><b>M geometry</b></p>	 	<ul style="list-style-type: none"> <li>- For steel and cast iron roughing</li> <li>- Smooth machining with good tool life due to a reinforced, positive rake angle</li> </ul>
<p><b>MM geometry</b></p>	 	<ul style="list-style-type: none"> <li>- For cast iron general machining</li> <li>- Optimized cutting edge means low cutting force in cast iron machining</li> </ul>
<p><b>ML geometry</b></p>	 	<ul style="list-style-type: none"> <li>- For difficult-to-cut material (stainless steel, heat resistant alloy) &amp; cast iron light machining</li> <li>- Sharp, positive cutting edge for minimal cutting force</li> </ul>

TaeguTec has expanded the current 09 insert size CHASE2HEPTA line by introducing smaller size 06mm inserts and cutters.

This mini size insert, XNM(H)U 06, is now available to meet the challenges of the technical trends in forging and casting technology demanding higher productivity and economical tools in lower depth of cut conditions.



Offering the same double-sided, 14 corners 45° entry angle, the CHASE2HEPTA mini size insert provides an effective solution for cast iron and steel machining on smaller volume work pieces enhancing productivity and reducing the customer's operating costs.

## Maximum depth of cut



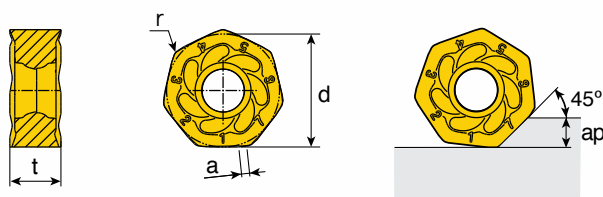
	Size	Max D.O.C (mm)	T (mm)
<b>new</b>	XNM(H)U 06	3.5	6.2
	XNM(H)U 09	5	7.4 (6.35)

## Number of teeth comparison of a 125mm diameter face mill

Diameter (125mm)	XNM(H)U 06 <b>new</b>	XNM(H)U 09
No. of teeth	 <b>14z</b>	 <b>12z</b>

# Inserts new

XNM(H)U 06



Size	Dimension (mm)					
	d	t	a	r	ap	
06	13.7	6.2	1.0	1.0	1.0-3.5	

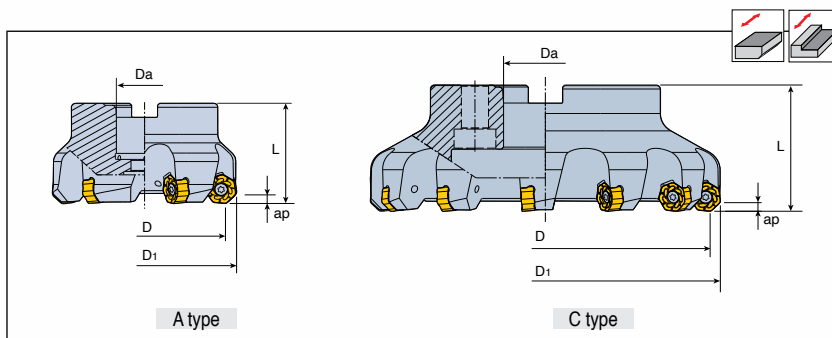
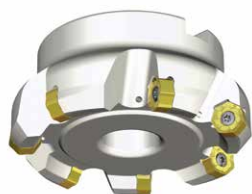


Insert	Designation	Recommended machining conditions		Ceramic		Coated						Uncoated		
		Fz (mm/tooth)	ap (mm)	AS10		TT9080	TT9030	TT8080	TT8020	TT7800	TT7080	TT6800	TT6080	K10
	<b>XNMU 0605 ANR-M</b>	0.10-0.20	1.0-3.0			●					●	●		
	<b>XNHU 0605 ANN-MM</b>	0.10-0.20	1.0-3.5			●					●	●		
	<b>XNHU 0605 ANN-ML</b>	0.10-0.20	1.0-3.5			●		●				●		

●: Standard Item

# Face Mill Type **new**

14D-F45XN-06



Designation	Z	Dimension (mm)					Arbor Style	Kg	Mounting Bolt	Insert
		D	D <sub>1</sub>	D <sub>a</sub>	L	ap				
<b>14D-F45XN 550-22R-06</b>	5	50	59.1	22	40	3.5	A	0.4	LH M10x1.5x25	XNMU 0605 ANR-M XNHU 0605 ANN-MM XNHU 0605 ANN-ML
<b>563-22R-06</b>	5	63	72.1	22	50	3.5	A	0.8	SH M10x1.5x25	
<b>763-22R-06</b>	7	63	72.1	22	50	3.5	A	0.8	SH M10x1.5x25	
<b>680-27R-06</b>	6	80	89.1	27	50	3.5	A	1.4	SH M12x1.75x35	
<b>980-27R-06</b>	9	80	89.1	27	50	3.5	A	1.4	SH M12x1.75x35	
<b>7100-32R-06</b>	7	100	109.1	32	50	3.5	A	2.1	SH M16x2x35	
<b>11100-32R-06</b>	11	100	109.1	32	50	3.5	A	2.1	SH M16x2x35	
<b>10125-40R-06</b>	10	125	134.1	40	63	3.5	A	3.6	SH M20x2.5x40	
<b>14125-40R-06</b>	14	125	134.1	40	63	3.5	A	3.6	SH M20x2.5x40	
<b>12160-40R-06</b>	12	160	169.1	40	63	3.5	C	4.7	-	
<b>16160-40R-06</b>	16	160	169.1	40	63	3.5	C	4.9	-	
<b>18160-40R-06</b>	18	160	169.1	40	63	3.5	C	5.0	-	

## Spare parts

Designation	Screw	Wrench			
<b>14D-F45XN-06</b>	TS 40B100I	T-T15			