

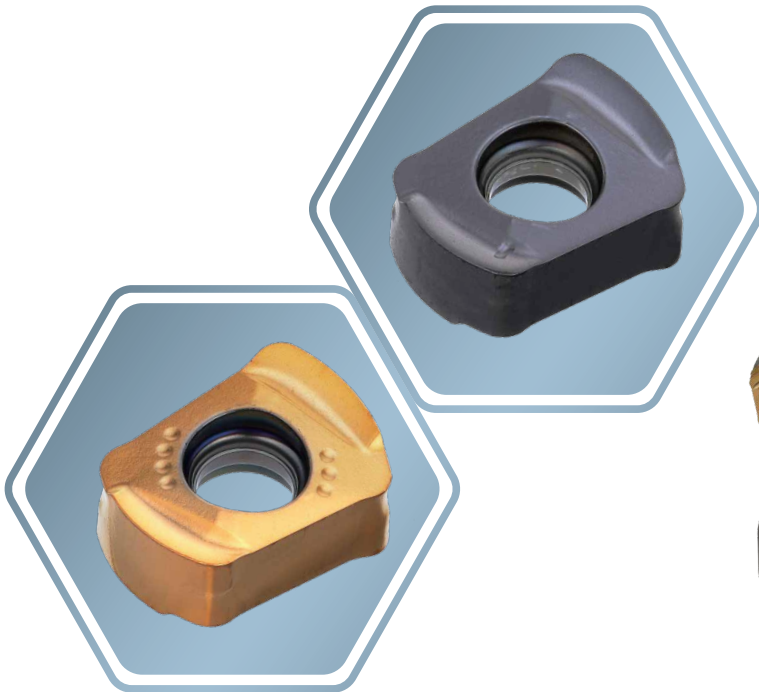
# NPA

New Product Announcement No. 2024-03



## WIN4FEED

### BLMV Insert Line Expanded



## KEY POINT

**TaeguTec's premium high-feed milling line, WIN-4-FEED has been expanded.**

TaeguTec's premium high-feed milling brand, WIN-4-FEED, has been leading the market since its launch with excellent machining performance and improved tool life. In response to its popularity, TaeguTec is now expanding the WIN-4-FEED product line, positioning it as a powerful next-generation high-feed milling solution that covers the existing BLMP 06 machining range.

The new MM and ML chip formers on the inserts' sharp cutting edges minimize cutting loads and heat generation, thereby providing excellent tool life in difficult-to-cut materials such as stainless steel, titanium, and super alloys. Furthermore, TaeguTec offers a wide range of options for the best tool selection taking into account all machining environments by providing holders in odd diameters and different lengths.

For detailed information about the WIN-4-FEED line, refer to our previous NPN.



# WIN4FEED



### Availability

In stock

### Price

Available in the GAL system

Sincerely,  
**TaeguTec**

**Cho Yeo-myeong**

Rotating  
Adviser

Sincerely,  
**TaeguTec**

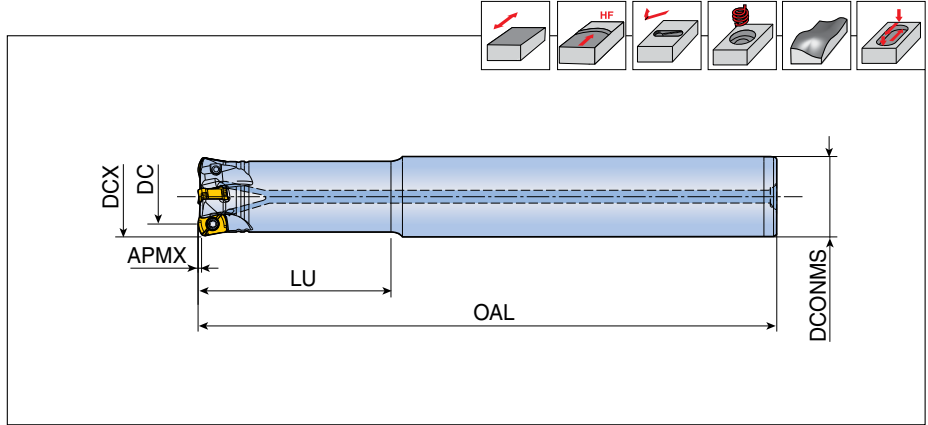
**Lee Jae-wook**

Milling  
Product Manager



## TEBLV-06

High feed end mills



Designation	Flutes	Dimension (mm)						Coolant hole	Insert
		DCX	DC	DCONMS	OAL	LU	APMX		
<b>TEBLV 216-15-06-L150</b>	2	16	9.1	15	150	40	0.7	●	BLMV 0603...
<b>216-16-06-L100</b>	2	16	9.1	16	100	30	0.7	●	
<b>216-16-06-L150</b>	2	16	9.1	16	150	40	0.7	●	
<b>217-16-06-L100</b> <span style="color:red">new</span>	2	17	10.1	16	100	30	0.7	●	
<b>217-16-06-L150</b> <span style="color:red">new</span>	2	17	10.1	16	150	40	0.7	●	
<b>217-16-06-L200</b>	2	17	10.1	16	200	20	0.7	●	
<b>218-16-06-L150</b> <span style="color:red">new</span>	2	18	11.2	16	150	25	0.7	●	
<b>220-20-06-L200</b> <span style="color:red">new</span>	2	20	12	20	200	80	1.0	●	
<b>320-19-06-L180</b> <span style="color:red">new</span>	3	20	12	19	180	80	1.0	●	
<b>320-20-06-L130</b>	3	20	12	20	130	50	1.0	●	
<b>320-20-06-L160</b>	3	20	12	20	160	80	1.0	●	
<b>420-20-06-L130</b> <span style="color:red">new</span>	4	20	12	20	130	50	1.0	●	
<b>321-20-06-L150</b>	3	21	13	20	150	20	1.0	●	
<b>321-20-06-L200</b>	3	21	13	20	200	20	1.0	●	
<b>321-20-06-L250</b> <span style="color:red">new</span>	3	21	13	20	250	20	1.0	●	
<b>325-25-06-L220</b> <span style="color:red">new</span>	3	25	17	25	220	50	1.0	●	
<b>425-24-06-L180</b> <span style="color:red">new</span>	4	25	17	24	180	60	1.0	●	
<b>425-25-06-L140</b>	4	25	17	25	140	60	1.0	●	
<b>425-25-06-L180</b>	4	25	17	25	180	60	1.0	●	
<b>425-25-06-L250</b> <span style="color:red">new</span>	4	25	17	25	250	40	1.0	●	
<b>525-25-06-L140</b> <span style="color:red">new</span>	5	25	17	25	140	60	1.0	●	
<b>326-25-06-L200</b> <span style="color:red">new</span>	3	26	18	25	200	30	1.0	●	

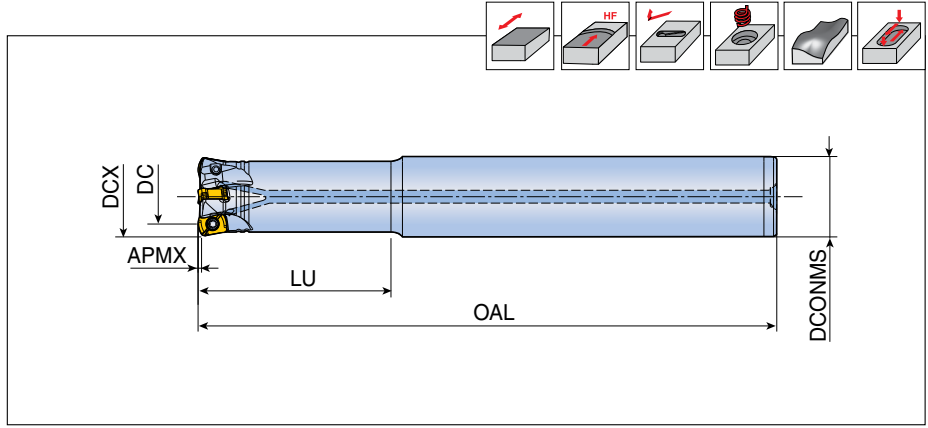
### Spare parts

Designation	Screw	Wrench			
	<b>TEBLV-06</b>	TS 25064I/HG-P	TD 8P		

## TEBLV-06



High feed end mills



Designation	Flutes	Dimension (mm)						Coolant hole	Insert
		DCX	DC	DCONMS	OAL	LU	APMX		
<b>TEBLV 326-25-06-L250</b> <span style="color:red">new</span>	3	26	18	25	250	30	1.0	●	BLMV 0603...
<b>426-25-06-L150</b> <span style="color:red">new</span>	4	26	18	25	150	30	1.0	●	
<b>426-25-06-L200</b>	4	26	18	25	200	30	1.0	●	
<b>426-25-06-L250</b> <span style="color:red">new</span>	4	26	18	25	250	30	1.0	●	
<b>530-32-06-L150</b> <span style="color:red">new</span>	5	30	22	32	150	70	1.0	●	
<b>530-32-06-L200</b> <span style="color:red">new</span>	5	30	22	32	200	120	1.0	●	
<b>432-32-06-L150</b> <span style="color:red">new</span>	4	32	24	32	150	70	1.0	●	
<b>532-32-06-L150</b>	5	32	24	32	150	70	1.0	●	
<b>532-32-06-L200</b> <span style="color:red">new</span>	5	32	24	32	200	120	1.0	●	
<b>433-32-06-L220</b> <span style="color:red">new</span>	4	33	25	32	220	40	1.0	●	
<b>433-32-06-L300</b> <span style="color:red">new</span>	4	33	25	32	300	50	1.0	●	
<b>533-32-06-L150</b> <span style="color:red">new</span>	5	33	25	32	150	30	1.0	●	
<b>533-32-06-L200</b> <span style="color:red">new</span>	5	33	25	32	200	40	1.0	●	
<b>533-32-06-L250</b> <span style="color:red">new</span>	5	33	25	32	250	40	1.0	●	
<b>435-32-06-L200</b> <span style="color:red">new</span>	4	35	27	32	200	50	1.0	●	
<b>435-32-06-L300</b> <span style="color:red">new</span>	4	35	27	32	300	50	1.0	●	
<b>535-32-06-L200</b> <span style="color:red">new</span>	5	35	27	32	200	50	1.0	●	
<b>535-32-06-L300</b> <span style="color:red">new</span>	5	35	27	32	300	50	1.0	●	
<b>540-32-06-L220</b> <span style="color:red">new</span>	5	40	32	32	220	40	1.0	●	
<b>640-32-06-L150</b>	6	40	32	32	150	40	1.0	●	
<b>640-32-06-L220</b> <span style="color:red">new</span>	6	40	32	32	220	40	1.0	●	
<b>640-32-06-L250</b> <span style="color:red">new</span>	6	40	32	32	250	40	1.0	●	

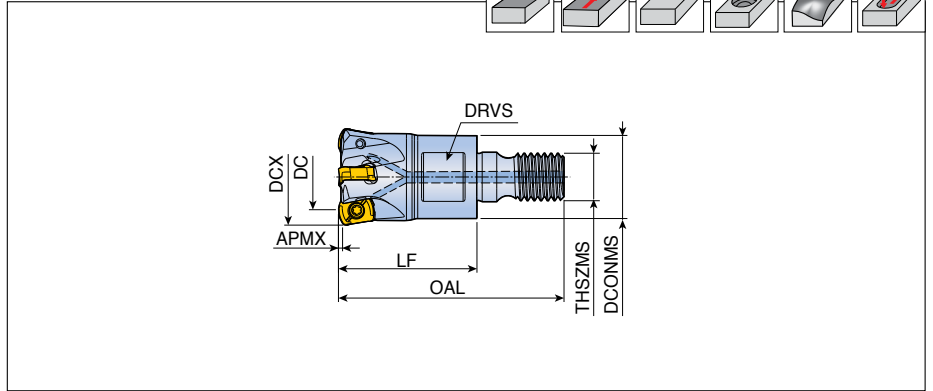
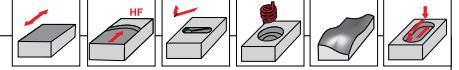
### Spare parts

Designation	Screw	Wrench			
<b>TEBLV-06</b>	TS 25064I/HG-P	TD 8P			



## TEBLV-M-06

High feed modular heads



Designation		Dimension (mm)								Coolant hole	Insert
		DCX	DC	DCONMS	LF	OAL	THSZMS	DRVS	APMX		
<b>TEBLV 216-M08-06</b>	2	16	9.1	13	25	42.5	M08	10	0.7	●	BLMV 0603...
<b>217-M08-06</b> <span style="color:red">new</span>	2	17	10.1	13	25	42.5	M08	10	0.7	●	
<b>218-M08-06</b> <span style="color:red">new</span>	2	18	11.2	13	25	42.5	M08	10	0.7	●	
<b>220-M10-06</b> <span style="color:red">new</span>	2	20	12	18	30	50	M10	15	1.0	●	
<b>320-M10-06</b>	3	20	12	18	30	50	M10	15	1.0	●	
<b>321-M10-06</b> <span style="color:red">new</span>	3	21	13	18	30	50	M10	15	1.0	●	
<b>322-M10-06</b> <span style="color:red">new</span>	3	22	14	18	30	50	M10	15	1.0	●	
<b>325-M12-06</b> <span style="color:red">new</span>	3	25	17	21	35	57	M12	17	1.0	●	
<b>425-M12-06</b>	4	25	17	21	35	57	M12	17	1.0	●	
<b>326-M12-06</b> <span style="color:red">new</span>	3	26	18	21	35	57	M12	17	1.0	●	
<b>426-M12-06</b> <span style="color:red">new</span>	4	26	18	21	35	57	M12	17	1.0	●	
<b>530-M16-06</b> <span style="color:red">new</span>	5	30	22	29	40	65	M16	25	1.0	●	
<b>432-M16-06</b> <span style="color:red">new</span>	4	32	24	29	40	65	M16	25	1.0	●	
<b>532-M16-06</b>	5	32	24	29	40	65	M16	25	1.0	●	
<b>433-M16-06</b> <span style="color:red">new</span>	4	33	25	29	40	65	M16	25	1.0	●	
<b>533-M16-06</b> <span style="color:red">new</span>	5	33	25	29	40	65	M16	25	1.0	●	
<b>435-M16-06</b> <span style="color:red">new</span>	4	35	27	29	43	68	M16	25	1.0	●	
<b>535-M16-06</b>	5	35	27	29	43	68	M16	25	1.0	●	
<b>640-M16-06</b>	6	40	32	29	43	68	M16	25	1.0	●	
<b>542-M16-06</b> <span style="color:red">new</span>	5	42	34	29	43	68	M16	25	1.0	●	
<b>642-M16-06</b> <span style="color:red">new</span>	6	42	34	29	43	68	M16	25	1.0	●	

► Matched with T-FLEXTEC holder

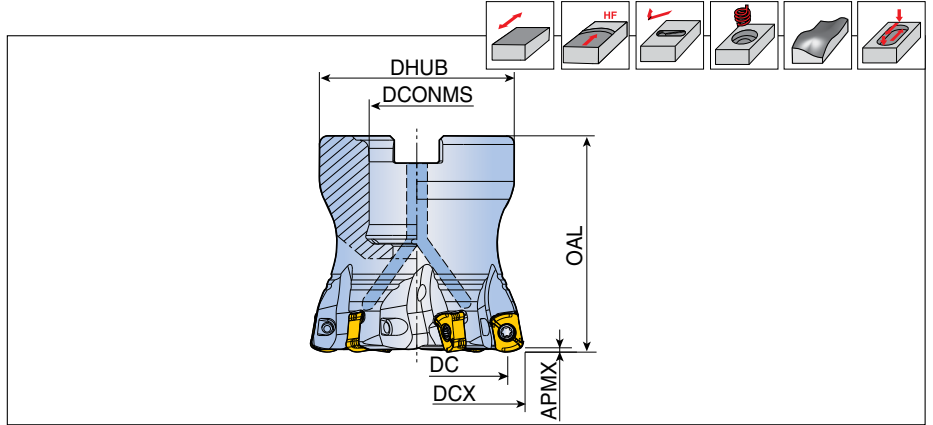
### Spare parts

Designation	Screw	Wrench			
	<b>TEBLV-M-06</b>	 TS 25064I/HG-P	 TD 8P		

## TFMBLV-06



High feed face mills



Designation	⌀	Dimension (mm)						Coolant hole	Arbor type	Kg	Mounting bolt	Insert
		DCX	DC	DCONMS	DHUB	OAL	APMX					
<b>TFMBLV 432-16R-06</b> <span style="color:red">new</span>	4	32	24	16	30	40	1.0	●	A	0.1	SH M8x25	BLMV 0603...
<b>532-16R-06</b>	5	32	24	16	30	40	1.0	●	A	0.1	SH M8x26	
<b>640-16R-06</b>	6	40	32	16	38	40	1.0	●	A	0.2	SH M8x25	
<b>640-22R-06</b> <span style="color:red">new</span>	6	40	32	22	38	40	1.0	●	A	0.2	SH M10x30	
<b>650-22R-06</b>	6	50	42	22	45	50	1.0	●	A	0.4	SH M10x30	
<b>750-22R-06</b>	7	50	42	22	45	50	1.0	●	A	0.4	SH M10x30	
<b>850-22R-06</b> <span style="color:red">new</span>	8	50	42	22	45	50	1.0	●	A	0.4	SH M10x30	
<b>752-22R-06</b>	7	52	44	22	45	40	1.0	●	A	0.4	SH M10x30	
<b>852-22R-06</b> <span style="color:red">new</span>	8	52	44	22	45	40	1.0	●	A	0.4	SH M10x30	
<b>763-22R-06</b> <span style="color:red">new</span>	7	63	55	22	48	50	1.0	●	A	0.6	SH M10x30	
<b>863-22R-06</b>	8	63	55	22	48	50	1.0	●	A	0.6	SH M10x30	
<b>963-22R-06</b> <span style="color:red">new</span>	9	63	55	22	48	50	1.0	●	A	0.6	SH M10x30	
<b>966-27R-06</b> <span style="color:red">new</span>	9	66	58	27	58	50	1.0	●	A	0.7	SH M12x30	

► Mounting bolt with coolant through hole is available on request (ordering example: SH M10x1.5x30-C)

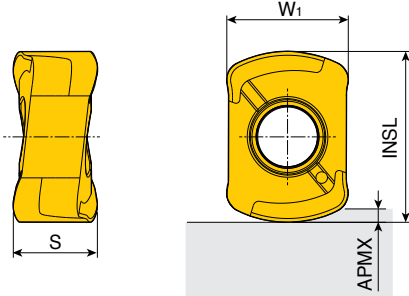
### Spare parts

Designation	Screw	Wrench			
<b>TFMBLV-06</b>	TS 25064I/HG-P	TD 8P			

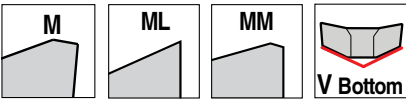


## BLMV 06

High feed inserts



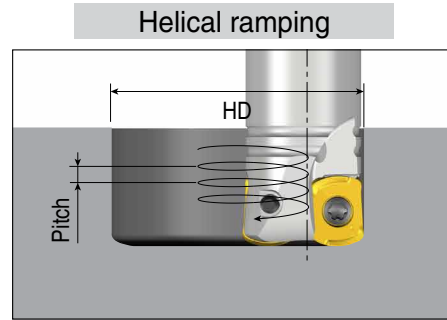
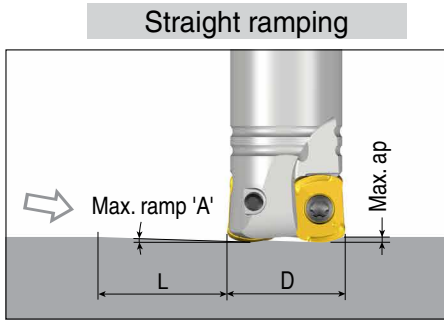
Size	Dimension (mm)				
	INSL	W1	S	APMX	
<b>06</b>	9	6.4	4.43	1.0	



Insert	Designation	Recommended machining conditions		Coated							Uncoated			
		ap (mm)	Feed (mm/tooth)	TT9080	TT9030	TT8080	TT8020	TT8525B	TT7080	TT3535	TT3520	TT2510	K10	
	<b>BLMV 0603R-M</b>	0.1-1.0	2.50-0.35	●		●		●						
	<b>BLMV 0603R-ML</b> <span style="color:red">new</span>	0.1-1.0	0.80-0.12	●		●				●	●			
	<b>BLMV 0603R-MM</b> <span style="color:red">new</span>	0.1-1.0	2.00-0.25	●		●				●	●	●		

●: Standard items

## Ramping Data

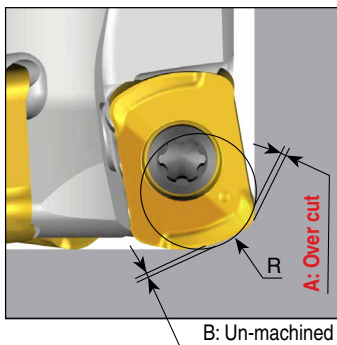


### BLMV 06

(unit: mm)

Cutter dia. (D)	Straight ramp down			Helical ramp down		
	Max. ramp (A°)	Max. ap	Min. length (L)	Min. dia. (HD)	Max. dia. (HD)	Max. pitch/rev.
Ø16	5.1	0.7	8	27	32	0.7
Ø17	4.5	0.7	9	29	34	0.7
Ø18	4.4	0.7	10	31	36	0.7
Ø20	2.5	1.0	23	34	40	1.0
Ø21	2.3	1.0	25	35	42	1.0
Ø22	2.7	1.0	22	39	44	1.0
Ø25	2.5	1.0	23	43	50	1.0
Ø26	2.2	1.0	26	45	52	1.0
Ø30	1.6	1.0	35	55	60	1.0
Ø32	1.4	1.0	40	57	64	1.0
Ø33	1.3	1.0	43	59	66	1.0
Ø35	1.2	1.0	46	63	70	1.0
Ø40	1.0	1.0	55	73	80	1.0
Ø42	1.0	1.0	58	79	84	1.0
Ø50	0.8	1.0	72	93	100	1.0
Ø52	0.8	1.0	77	97	104	1.0
Ø63	0.6	1.0	96	119	126	1.0
Ø66	0.6	1.0	96	127	132	1.0

### Programming technical data



	R Program	A Over cut	B Un-machined
<b>BLMV 06 (Ø16, Ø17, Ø18)</b>	1.5	0	0.36
	2.0	0.09	0.22
	2.5	0.27	0.10
<b>BLMV 06 (Ø20~)</b>	1.5	0	0.58
	2.0	0	0.41
	2.5	0.12	0.26
	3.0	0.29	0.12

Recommended program 'R'