

# ATTENTION DISTRIBUTORS!

## NOW AVAILABLE: NEW V200™

The FIRST roughing button cutter with MicroForm Grade VP2003!

Difficult Application? Chipping inserts? Unpredictable tool life?  
All of the above? **MEET THE SOLUTION.**



**RUN AGAINST:**

Seco - R217 / 220 Series

Kennametal - KDM or  
KSRM Series

Ingersoll - Form Master  
Series

Dapra - TRSM series

**HEAVY DUTY, FACING & PROFILING BUTTON-STYLE FACE MILL**

### KEY BENEFITS:

INCREASED DEPTH OF CUT (.400") DUE TO 20 MM IC INSERT

HIGHER FEEDS EVEN IN INTERRUPTED CUTS!

INCREASED PRODUCTIVITY DUE TO STRONGER INSERTS -  
RESISTS HEAVY CUT AND CHIP RE-MILLING

**Valenite®**  
**WE NEVER STOP...**

# TECHNICAL DATA



## INSERTS NOW AVAILABLE WITH VP2003 WITH MICROFORM TECHNOLOGY!

MicroForm is a unique patented, carbide grade technology of powder preparation and sintering to provide a superior uniform micrograin structure.

- **DIAMETER:** 2.00" – 4.00" (32 mm – 100 mm)
- **INSERTS:** 0.472", 0.620", 0.787" (12, 16 and 20 mm) - positive inserts for all
- **MAXIMUM DEPTH OF CUT:** 0.400" (10 mm)
- **APPLICATIONS:** Face and profile milling
- **MATERIAL:** All materials

# CUTTER PROGRAM

Insert Size	Part Number	Dimensions (Inches)						Inserts Req'd	Max. RPM	Wt. (lbs)	EDP#
		D <sub>3</sub>	D <sub>c</sub>	Max. DOC (a <sub>p</sub> )	dm <sub>m</sub>	l <sub>1</sub>	l <sub>2</sub>				
<b>Inch - Arbor</b>											
12	V200A 12 0200 G 04R	2.000	1.528	0.236	0.750	1.500	-	4	13,100	0.595	27851
	V200A 12 0250 H 05R	2.500	2.028	0.236	1.000	1.750	-	5	11,700	1.101	27852
	V200A 12 0300 H 05R	3.000	2.528	0.236	1.000	1.750	-	5	10,700	1.652	27853
	V200A 12 0400 J 06R	4.000	3.528	0.236	1.250	2.000	-	6	9,300	3.700	49013
16	V200A 16 0250 H 04R	2.500	1.870	0.315	1.000	1.750	-	4	9,600	1.035	27855
	V200A 16 0300 H 05R	3.000	2.370	0.315	1.000	1.750	-	5	8,800	1.344	27856
	V200A 16 0400 J 06R	4.000	3.370	0.315	1.250	2.000	-	6	7,600	2.731	27857
20	V200A 20 0300 H 04R	3.000	2.213	0.394	1.000	1.750	-	4	8,700	1.256	27858
	V200A 20 0400 J 05R	4.000	3.213	0.394	1.250	2.000	-	5	7,500	2.555	27859
Insert Size	Part Number	Dimensions (mm)						Inserts Req'd	Max. RPM	Wt. (kg)	EDP#
		D <sub>3</sub>	D <sub>c</sub>	Max. DOC (a <sub>p</sub> )	dm <sub>m</sub>	l <sub>1</sub>	l <sub>2</sub>				
<b>Metric - Arbor</b>											
12	V200A 12 M040 16 03R	40	28	6	16	40	-	3	14,800	0.352	27862
	V200A 12 M050 22 04R	50	38	6	22	40	-	4	13,200	0.573	27863
	V200A 12 M063 22 05R	63	51	6	22	40	-	5	11,800	0.771	27864
	V200A 12 M080 27 05R	80	68	6	27	50	-	5	10,400	1.960	27865
	V200A 12 M100 32 06R	100	88	6	32	50	-	6	9,300	3.414	27866
16	V200A 16 M063 22 04R	63	47	8	22	50	-	4	9,700	1.035	27867
	V200A 16 M080 27 05R	80	64	8	27	50	-	5	8,600	1.608	27868
	V200A 16 M100 32 06R	100	84	8	32	50	-	6	7,700	2.313	27869
20	V200A 20 M080 27 04R	80	60	10	27	50	-	4	8,500	1.410	27870
	V200A 20 M100 32 05R	100	80	10	32	50	-	5	7,600	2.115	27871
<b>Metric - Morse Taper</b>											
12	V200A 12 M32 M3 080	32	20	6	N°3	80	160.7	3	9,200	0.881	27860
20	V200A 20 M50 M4 055	50	30	10	N°4	55	157.2	3	10,700	1.586	27861

# INSERT PROGRAM

Insert Size	Part Number	No. of Facets	Dimensions (Inches)			Grades EDP#				
			d	s	d1	VP1020	VP2003	VP5020	VP5040	VP5135
12	RCMT 1204M0 ENF-21	12	0.472	0.187	0.173	28534	28533	28524	-	28537
	RCMT 1204M0 SNF-61	12	0.472	0.187	0.173	-	-	28525	28526	28538
	RCMT 1204M0 ENF-91	12	0.472	0.187	0.173	-	-	28527	-	28539
	RCMT 1204M0 SNF-91	12	0.472	0.187	0.173	-	-	-	28528	-
16	RCMT 1606M0 ENF8-21	8	0.630	0.250	0.217	-	28535	-	-	-
	RCMT 1606M0 SNF8-61	8	0.630	0.250	0.217	-	-	28529	-	28540
	RCMT 1606M0 SNF8-91	8	0.630	0.250	0.217	-	-	-	28530	-
20	RCMT 2006M0 SNF8-33	8	0.787	0.250	0.256	-	28536	-	-	-
	RCMT 2006M0 SNF8-61	8	0.787	0.250	0.256	-	-	28531	-	28541
	RCMT 2006M0 SNF8-91	8	0.787	0.250	0.256	-	-	-	28532	-