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# Vandan Enterprise

**Best Quality, Excellent Service**

## *We are dealing in:-*

- ❖ Indexable Cutting Tools
- ❖ Solid Carbide round tools
- ❖ Customised Tools solutions as per application
- ❖ Oil & Lubricants
- ❖ Power Tools & Hardware Tools
- ❖ Resharpener & Recoating Solution
- ❖ All types of Adhesive
- ❖ Measuring Instruments



**Prakash Tank**

📞 99799 12244, 90331 70007



A2/704 Palmera,

Nr.Royal Green, B/h Billabong School,  
Vadsar, Vadodara-390010.



[info.vandanent@gmail.com](mailto:info.vandanent@gmail.com)

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## **ABOUT US**



**Vandan Enterprise**

Best Quality, Excellent Service

✉ [info.vandanent@gmail.com](mailto:info.vandanent@gmail.com)

📞 9979912244, 9033170007

Dear Customer,

Welcome to our company, VANDAN ENTERPRISE. We are a MANUFACTURER that specializes in providing SOLID CARBIDE ROUND STANDARD & CUSTOMISED TOOLS.

At VANDAN ENTERPRISE we established Since 2019. we are dedicated to providing high-quality services and solutions to our clients. We understand the importance of delivering on our promises, and we work tirelessly to ensure that our clients are satisfied with our work.

My Self Mr. PRAAKASH TANK I am the Founder & CEO of VANDAN ENTERPRISE. I Have Been Experience of 13th Years Representee as Sales Manager in the field of CUTTING TOOLS. and I am confident that I have the skills and knowledge required to excel in this field. Throughout my career, I have gained experience in Marketing, New Products Developments as per Applications.

Our team is made up of highly skilled and experienced professionals who are passionate about what they do. We are constantly looking for new and innovative ways to improve our services and solutions, and we use the latest technologies and tools to deliver the best possible results for our clients.

Our range of services includes All the Solid Carbide Round Tools, and we have worked with clients in various industries, including Automotive, Aerospace, Die & Mould, Surgical, & Pharmaceutical.

We have worked with clients in various industries, including AUTOMOTIVE, AEROSPACE, SURGICAL, CASTING & FOUNDRY, DIE & MOULD, POWER ENERGY, GENERAL ENGINEERING. Our clients trust us to provide them with the solutions they need to succeed in their business, and we take that trust very seriously.

## OUR VALUES



### OUR MISSION

Together we make manufacturing fast, easy and sustainable

Our solutions and our technical advice ensure high-precision machining and high-quality output. We love to help our customers, to support them, and to share experiences and to solve technical challenges.

With this engagement follows that we should assist manufacturers through the next era of manufacturing. A future characterized by automation, digitalization, collaboration and sustainability. Making our customers' lives less complex will be key. And we should help them make their manufacturing faster, easier and more sustainable.





## OUR COMMITMENTS

At VANDAN ENTERPRISE, we are committed to building long-term relationships with our clients. We believe that our success is dependent on their success, and we are always looking for ways to help them achieve their goals.



## OUR VISION

A vision statement for a cutting tools company could be:

"To be the most innovative and trusted cutting tools manufacturer in the world, recognized for our commitment to quality, precision, and customer satisfaction. We aim to continuously develop and deliver cutting-edge solutions that empower our customers to achieve exceptional results in their respective industries while fostering a culture of excellence, integrity, and environmental responsibility.

## INDUSTRIES



AERO SPACE



DIE & MOULD



DEFENCE



ENERGY



AUTOMOBILES



MEDICAL

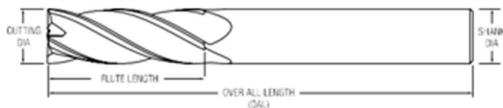


GENERAL ENGINEERING



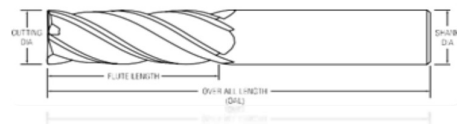
## ENDMILL REGULAR

ENDMILL REGULAR				
ITEM CODE	CUTTING DIA	SHANK DIA	FLUTE LENGTH	OAL
VEMS 030 R	3	3	10	39
VEMS 040 R	4	4	14	51
VEMS 050 R	5	5	16	51
VEMS 060 R	6	6	19	63
VEMS 070 R	7	7	19	63
VEMS 080 R	8	8	22	63
VEMS 100 R	10	10	25	70
VEMS 120 R	12	12	25	75
VEMS 140 R	14	14	30	80
VEMS 160 R	16	16	32	80
VEMS 180 R	18	18	35	101
VEMS 200 R	20	20	38	101
ENDMILL LONG				
ITEM CODE	CUTTING DIA	SHANK DIA	FLUTE LENGTH	OAL
VEML 030 L	3	3	19	57
VEML 040 L	4	4	19	57
VEML 050 L	5	5	25	63
VEML 060 L	6	6	28	76
VEML 080 L	8	8	29	76
VEML 100 L	10	10	32	76
VEML 120 L	12	12	51	101
VEML 140 L	14	14	55	125
VEML 160 L	16	16	55	125
VEML 180 L	18	18	55	125
VEML 200 L	20	20	55	125
ENDMILL EX. LONG				
ITEM CODE	CUTTING DIA	SHANK DIA	FLUTE LENGTH	OAL
VEMXL 030 XL	3	3	25	75
VEMXL 040 XL	4	4	25	75
VEMXL 050 XL	5	5	28	75
VEMXL 060 XL	6	6	38	101
VEMXL 080 XL	8	8	40	101
VEMXL 100 XL	10	10	45	101
VEMXL 120 XL	12	12	60	150
VEMXL 140 XL	14	14	75	150
VEMXL 160 XL	16	16	75	150
VEMXL 180 XL	18	18	75	150
VEMXL 200 XL	20	20	75	150



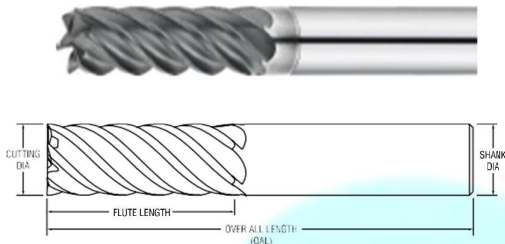
## VF SERIES ENDMILL

VF SERIES ENDMILL REGULAR				
ITEM CODE	CUTTING DIA	SHANK DIA	FLUTE LENGTH	OAL
VEMS 030 VF	3	3	10	39
VEMS 040 VF	4	4	14	51
VEMS 050 VF	5	5	16	51
VEMS 060 VF	6	6	19	63
VEMS 070 VF	7	7	19	63
VEMS 080 VF	8	8	22	63
VEMS 100 VF	10	10	25	70
VEMS 120 VF	12	12	25	75
VEMS 140 VF	14	14	30	80
VEMS 160 VF	16	16	32	80
VEMS 180 VF	18	18	35	101
VEMS 200 VF	20	20	38	101
VF SERIES ENDMILL LONG				
ITEM CODE	CUTTING DIA	SHANK DIA	FLUTE LENGTH	OAL
VEML 030 VF	3	3	19	57
VEML 040 VF	4	4	19	57
VEML 050 VF	5	5	25	63
VEML 060 VF	6	6	28	76
VEML 080 VF	8	8	29	76
VEML 100 VF	10	10	32	76
VEML 120 VF	12	12	51	101
VEML 140 VF	14	14	55	125
VEML 160 VF	16	16	55	125
VEML 180 VF	18	18	55	125
VEML 200 VF	20	20	55	125
VF SERIES ENDMILL EX. LONG				
ITEM CODE	CUTTING DIA	SHANK DIA	FLUTE LENGTH	OAL
VEMXL 030 VF	3	3	25	75
VEMXL 040 VF	4	4	25	75
VEMXL 050 VF	5	5	28	75
VEMXL 060 VF	6	6	38	101
VEMXL 080 VF	8	8	40	101
VEMXL 100 VF	10	10	45	101
VEMXL 120 VF	12	12	60	150
VEMXL 140 VF	14	14	75	150
VEMXL 160 VF	16	16	75	150
VEMXL 180 VF	18	18	75	150
VEMXL 200 VF	20	20	75	150



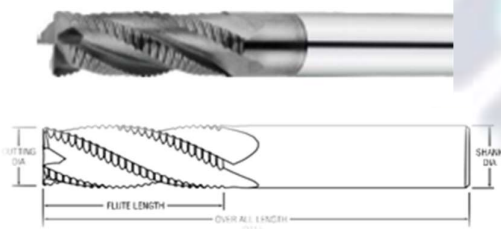
## 6 FLUTE ENDMILL

ITEM CODE	CUTTING DIA	SHANK DIA	FLUTE	OAL
VEMS 060 6F	6	6	19	63
VEMS 080 6F	8	8	22	63
VEMS 100 6F	10	10	25	70
VEMS 120 6F	12	12	25	75
VEMS 140 6F	14	14	30	80
VEMS 160 6F	16	16	32	80
VEMS 200 6F	20	20	38	101



## ROUGHER ENDMILL

ITEM CODE	CUTTING DIA	SHANK DIA	FLUTE LENGTH	OAL
VREM 050 R	5	5	16	51
VREM 060 R	6	6	19	63
VREM 080 R	8	8	22	63
VREM 100 R	10	10	25	70
VREM 120 R	12	12	25	75
VREM 140 R	14	14	30	80
VREM 160 R	16	16	32	80
VREM 180 R	18	18	35	101
VREM 200 R	20	20	38	101

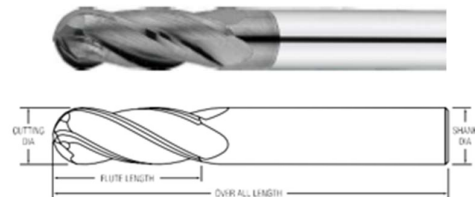


## BALLNOSE

BALLNOSE REGULAR				
ITEM CODE	CUTTING DIA	SHANK DIA	FLUTE LENGTH	OAL
VBNS 030 R	3	3	10	39
VBNS 040 R	4	4	14	51
VBNS 050 R	5	5	16	51
VBNS 060 R	6	6	19	63
VBNS 070 R	7	7	19	63
VBNS 080 R	8	8	22	63
VBNS 100 R	10	10	25	70
VBNS 120 R	12	12	25	75
VBNS 140 R	14	14	30	80
VBNS 160 R	16	16	32	80
VBNS 180 R	18	18	35	101
VBNS 200 R	20	20	38	101

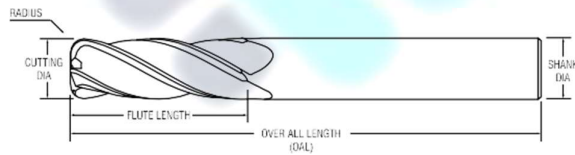
BALLNOSE LONG				
ITEM CODE	CUTTING DIA	SHANK DIA	FLUTE LENGTH	OAL
VBNL 030 L	3	3	19	57
VBNL 040 L	4	4	19	57
VBNL 050 L	5	5	25	63
VBNL 060 L	6	6	28	76
VBNL 080 L	8	8	29	76
VBNL 100 L	10	10	32	76
VBNL 120 L	12	12	51	101
VBNL 140 L	14	14	55	125
VBNL 160 L	16	16	55	125
VBNL 180 L	18	18	55	125
VBNL 200 L	20	20	55	125

BALLNOSE EX. LONG				
ITEM CODE	CUTTING DIA	SHANK DIA	FLUTE LENGTH	OAL
VBNXL 030 XL	3	3	25	75
VBNXL 040 XL	4	4	25	75
VBNXL 050 XL	5	5	28	75
VBNXL 060 XL	6	6	38	101
VBNXL 080 XL	8	8	40	101
VBNXL 100 XL	10	10	45	101
VBNXL 120 XL	12	12	60	150
VBNXL 140 XL	14	14	75	150
VBNXL 160 XL	16	16	75	150
VBNXL 180 XL	18	18	75	150
VBNXL 200 XL	20	20	75	150



## CORNER RADIUS ENDMILL

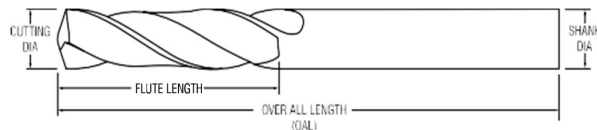
ITEM CODE	CUTTING DIA	SHANK DIA	CORNER RADIUS	FLUTE LENGTH	OAL
VCRS 030 R0.5	3	3	0.5	10	39
VCRS 030 R1	3	3	1	10	39
VCRS 040 R05	4	4	0.5	14	51
VCRS 040 R1	4	4	1	14	51
VCRS 050 R0.5	5	5	0.5	16	51
VCRS 050 R1	5	5	1	16	51
VCRS 060 R0.5	6	6	0.5	19	63
VCRS 060 R1	6	6	1	19	63
VCRS 060 R1.5	6	6	1.5	19	63
VCRS 080 R05	8	8	0.5	22	63
VCRS 080 R1	8	8	1	22	63
VCRS 080 R2	8	8	2	22	63
VCRS 100 R05	10	10	0.5	25	70
VCRS 100 R1	10	10	1	25	70
VCRS 100 R2	10	10	2	25	70
VCRS 100 R25	10	10	2.5	25	70
VCRS 120 R05	12	12	0.5	25	75
VCRS 120 R1	12	12	1	25	75
VCRS 120 R2	12	12	2	25	75
VCRS 120 R3	12	12	3	25	75
VCRS 160 R1	16	16	1	32	80
VCRS 160 R2	16	16	2	32	80
VCRS 160 R3	16	16	3	32	80
VCRS 160 R4	16	16	4	32	80
VCRS 200 R1	20	20	1	38	101
VCRS 200 R2	20	20	2	38	101
VCRS 200 R3	20	20	3	38	101
VCRS 200 R4	20	20	4	38	101



## DRILL 3XD SERIES

ITEM CODE	DIA	SHANK	FLUTE	OAL
VDLX3 030	3	6	25	63
VDLX3 031	3.1	6	25	63
VDLX3 032	3.2	6	25	63
VDLX3 033	3.3	6	25	63
VDLX3 034	3.4	6	25	63
VDLX3 035	3.5	6	25	63
VDLX3 036	3.6	6	25	63
VDLX3 037	3.7	6	25	63
VDLX3 038	3.8	6	25	63
VDLX3 039	3.9	6	25	63
VDLX3 040	4	6	25	63
VDLX3 041	4.1	6	25	63
VDLX3 042	4.2	6	25	63
VDLX3 043	4.3	6	25	63
VDLX3 044	4.4	6	25	63
VDLX3 045	4.5	6	25	63
VDLX3 046	4.6	6	25	63
VDLX3 047	4.7	6	25	63
VDLX3 048	4.8	6	25	63
VDLX3 049	4.9	6	25	63
VDLX3 050	5	6	25	63
VDLX3 051	5.1	6	35	76
VDLX3 052	5.2	6	35	76
VDLX3 053	5.3	6	35	76
VDLX3 054	5.4	6	35	76
VDLX3 055	5.5	6	35	76
VDLX3 056	5.6	6	35	76
VDLX3 057	5.7	6	35	76
VDLX3 058	5.8	6	35	76
VDLX3 059	5.9	6	35	76
VDLX3 060	6	6	35	76
VDLX3 061	6.1	8	35	79
VDLX3 062	6.2	8	35	79
VDLX3 063	6.3	8	35	79
VDLX3 064	6.4	8	35	79
VDLX3 065	6.5	8	35	79
VDLX3 067	6.7	8	35	79
VDLX3 068	6.8	8	35	79
VDLX3 069	6.9	8	45	89
VDLX3 070	7.0	8	45	89
VDLX3 071	7.1	8	45	89
VDLX3 072	7.2	8	45	89

ITEM CODE	DIA	SHANK	FLUTE	OAL
VDLX3 073	7.3	8	35	79
VDLX3 074	7.4	8	35	79
VDLX3 075	7.5	8	35	79
VDLX3 076	7.6	8	35	79
VDLX3 077	7.7	8	35	79
VDLX3 078	7.8	8	35	79
VDLX3 079	7.9	8	35	79
VDLX3 080	8	8	35	79
VDLX3 081	8.1	10	45	89
VDLX3 082	8.2	10	45	89
VDLX3 083	8.3	10	45	89
VDLX3 084	8.4	10	45	89
VDLX3 085	8.5	10	45	89
VDLX3 086	8.6	10	45	89
VDLX3 087	8.7	10	45	89
VDLX3 088	8.8	10	45	89
VDLX3 089	8.9	10	45	89
VDLX3 090	9	10	45	89
VDLX3 095	9.5	10	45	89
VDLX3 098	9.8	10	45	89
VDLX3 100	10	10	45	89
VDLX3 102	10.2	12	55	101
VDLX3 104	10.4	12	55	101
VDLX3 105	10.5	12	55	101
VDLX3 108	10.8	12	55	101
VDLX3 110	11	12	55	101
VDLX3 115	11.5	12	55	101
VDLX3 118	11.8	12	55	101
VDLX3 120	12	12	55	101
VDLX3 125	12.5	14	60	110
VDLX3 128	12.8	14	60	110
VDLX3 130	13	14	60	110
VDLX3 135	13.5	14	60	110
VDLX3 140	14	14	60	110
VDLX3 160	16	16	65	115
VDLX3 165	16.5	18	73	123
VDLX3 170	17	18	73	123
VDLX3 175	17.5	18	73	123
VDLX3 180	18	18	73	123
VDLX3 185	18.5	20	79	131
VDLX3 190	19	20	79	131
VDLX3 195	19.5	20	79	131
VDLX3 200	20	20	79	131

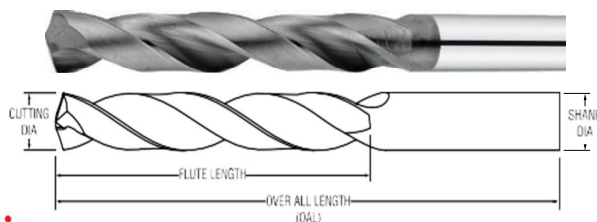




## DRILL 5XD SERIES

ITEM CODE	DIA	SHANK	FLUTE	OAL
VDLX5 030	3	6	35	74
VDLX5 031	3.1	6	35	74
VDLX5 032	3.2	6	35	74
VDLX5 033	3.3	6	35	74
VDLX5 034	3.4	6	35	74
VDLX5 035	3.5	6	35	74
VDLX5 036	3.6	6	35	74
VDLX5 037	3.7	6	35	74
VDLX5 038	3.8	6	35	74
VDLX5 039	3.9	6	35	74
VDLX5 040	4	6	35	74
VDLX5 041	4.1	6	40	80
VDLX5 042	4.2	6	40	80
VDLX5 043	4.3	6	40	80
VDLX5 044	4.4	6	40	80
VDLX5 045	4.5	6	40	80
VDLX5 046	4.6	6	40	80
VDLX5 047	4.7	6	40	80
VDLX5 048	4.8	6	40	80
VDLX5 049	4.9	6	40	80
VDLX5 050	5	6	40	80
VDLX5 051	5.1	6	45	82
VDLX5 052	5.2	6	45	82
VDLX5 053	5.3	6	45	82
VDLX5 054	5.4	6	45	82
VDLX5 055	5.5	6	45	82
VDLX5 056	5.6	6	45	82
VDLX5 057	5.7	6	45	82
VDLX5 058	5.8	6	45	82
VDLX5 059	5.9	6	45	82
VDLX5 060	6	6	45	82
VDLX5 061	6.1	8	50	91
VDLX5 062	6.2	8	50	91
VDLX5 063	6.3	8	50	91
VDLX5 064	6.4	8	50	91
VDLX5 065	6.5	8	50	91
VDLX5 066	6.6	8	50	91
VDLX5 067	6.7	8	50	91
VDLX5 068	6.8	8	50	91
VDLX5 069	6.9	8	50	91
VDLX5 070	7	8	50	91
VDLX5 071	7.1	8	50	91
VDLX5 072	7.2	8	50	91
VDLX5 073	7.3	8	50	91
VDLX5 074	7.4	8	50	91

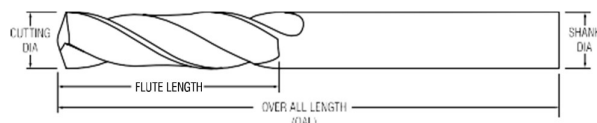
ITEM CODE	DIA	SHANK	FLUTE	OAL
VDLX5 075	7.5	8	50	91
VDLX5 076	7.6	8	50	91
VDLX5 077	7.7	8	50	91
VDLX5 078	7.8	8	50	91
VDLX5 079	7.9	8	50	91
VDLX5 080	8	8	50	91
VDLX5 081	8.1	10	55	103
VDLX5 082	8.2	10	55	103
VDLX5 083	8.3	10	55	103
VDLX5 084	8.4	10	55	103
VDLX5 085	8.5	10	55	103
VDLX5 086	8.6	10	55	103
VDLX5 087	8.7	10	55	103
VDLX5 088	8.8	10	55	103
VDLX5 089	8.9	10	55	103
VDLX5 090	9	10	55	103
VDLX5 095	9.5	10	55	103
VDLX5 098	9.8	10	55	103
VDLX5 100	10	10	55	103
VDLX5 102	10.2	12	75	120
VDLX5 104	10.4	12	75	120
VDLX5 105	10.5	12	75	120
VDLX5 108	10.8	12	75	120
VDLX5 110	11	12	75	120
VDLX5 115	11.5	12	75	120
VDLX5 118	11.8	12	75	120
VDLX5 120	12	12	75	120
VDLX5 125	12.5	14	80	125
VDLX5 128	12.8	14	80	125
VDLX5 130	13	14	80	125
VDLX5 135	13.5	14	80	125
VDLX5 140	14	14	80	125
VDLX5 145	14.5	16	85	135
VDLX5 150	15	16	85	135
VDLX5 153	15.3	16	85	135
VDLX5 155	15.5	16	85	135
VDLX5 160	16	16	85	135
VDLX5 165	16.5	18	93	143
VDLX5 170	17	18	93	143
VDLX5 175	17.5	18	93	143
VDLX5 180	18	18	93	143
VDLX5 185	18.5	20	101	153
VDLX5 190	19	20	101	153
VDLX5 195	19.5	20	101	153
VDLX5 200	20	20	101	153



## THROUGH COOLANT DRILL 3XD SERIES

ITEM CODE	DIA	SHANK	FLUTE	OAL
VDLX3 030 TC	3	6	25	63
VDLX3 031 TC	3.1	6	25	63
VDLX3 032 TC	3.2	6	25	63
VDLX3 033 TC	3.3	6	25	63
VDLX3 034 TC	3.4	6	25	63
VDLX3 035 TC	3.5	6	25	63
VDLX3 036 TC	3.6	6	25	63
VDLX3 037 TC	3.7	6	25	63
VDLX3 038 TC	3.8	6	25	63
VDLX3 039 TC	3.9	6	25	63
VDLX3 040 TC	4	6	25	63
VDLX3 041 TC	4.1	6	25	63
VDLX3 042 TC	4.2	6	25	63
VDLX3 043 TC	4.3	6	25	63
VDLX3 044 TC	4.4	6	25	63
VDLX3 045 TC	4.5	6	25	63
VDLX3 046 TC	4.6	6	25	63
VDLX3 047 TC	4.7	6	25	63
VDLX3 048 TC	4.8	6	25	63
VDLX3 049 TC	4.9	6	25	63
VDLX3 050 TC	5	6	25	63
VDLX3 051 TC	5.1	6	35	76
VDLX3 052 TC	5.2	6	35	76
VDLX3 053 TC	5.3	6	35	76
VDLX3 054 TC	5.4	6	35	76
VDLX3 055 TC	5.5	6	35	76
VDLX3 056 TC	5.6	6	35	76
VDLX3 057 TC	5.7	6	35	76
VDLX3 058 TC	5.8	6	35	76
VDLX3 059 TC	5.9	6	35	76
VDLX3 060 TC	6	6	35	76
VDLX3 061 TC	6.1	8	35	79
VDLX3 062 TC	6.2	8	35	79
VDLX3 063 TC	6.3	8	35	79
VDLX3 064 TC	6.4	8	35	79
VDLX3 065 TC	6.5	8	35	79
VDLX3 067 TC	6.7	8	35	79
VDLX3 068 TC	6.8	8	35	79
VDLX3 069 TC	6.9	8	45	89
VDLX3 070 TC	7.0	8	45	89
VDLX3 071 TC	7.1	8	45	89
VDLX3 072 TC	7.2	8	45	89
VDLX3 073 TC	7.3	8	35	79

ITEM CODE	DIA	SHANK	FLUTE	OAL
VDLX3 073 TC	7.3	8	35	79
VDLX3 074 TC	7.4	8	35	79
VDLX3 075 TC	7.5	8	35	79
VDLX3 076 TC	7.6	8	35	79
VDLX3 077 TC	7.7	8	35	79
VDLX3 078 TC	7.8	8	35	79
VDLX3 079 TC	7.9	8	35	79
VDLX3 080 TC	8	8	35	79
VDLX3 081 TC	8.1	10	45	89
VDLX3 082 TC	8.2	10	45	89
VDLX3 083 TC	8.3	10	45	89
VDLX3 084 TC	8.4	10	45	89
VDLX3 085 TC	8.5	10	45	89
VDLX3 086 TC	8.6	10	45	89
VDLX3 087 TC	8.7	10	45	89
VDLX3 088 TC	8.8	10	45	89
VDLX3 089 TC	8.9	10	45	89
VDLX3 090 TC	9	10	45	89
VDLX3 095 TC	9.5	10	45	89
VDLX3 098 TC	9.8	10	45	89
VDLX3 100 TC	10	10	45	89
VDLX3 102 TC	10.2	12	55	101
VDLX3 104 TC	10.4	12	55	101
VDLX3 105 TC	10.5	12	55	101
VDLX3 108 TC	10.8	12	55	101
VDLX3 110 TC	11	12	55	101
VDLX3 115 TC	11.5	12	55	101
VDLX3 118 TC	11.8	12	55	101
VDLX3 120 TC	12	12	55	101
VDLX3 125 TC	12.5	14	60	110
VDLX3 128 TC	12.8	14	60	110
VDLX3 130 TC	13	14	60	110
VDLX3 135 TC	13.5	14	60	110
VDLX3 140 TC	14	14	60	110
VDLX3 160 TC	16	16	65	115
VDLX3 165 TC	16.5	18	73	123
VDLX3 170 TC	17	18	73	123
VDLX3 175 TC	17.5	18	73	123
VDLX3 180 TC	18	18	73	123
VDLX3 185 TC	18.5	20	79	131
VDLX3 190 TC	19	20	79	131
VDLX3 195 TC	19.5	20	79	131
VDLX3 200 TC	20	20	79	131



**Vandan Enterprise**

Best Quality, Excellent Service

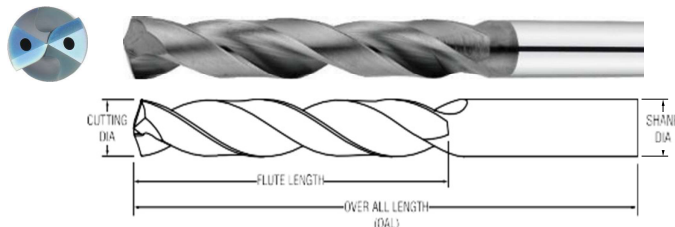
✉ [info.vandanent@gmail.com](mailto:info.vandanent@gmail.com)

☎ 9979912244, 9033170007

## THROUGH COOLANT DRILL 5XD SERIES

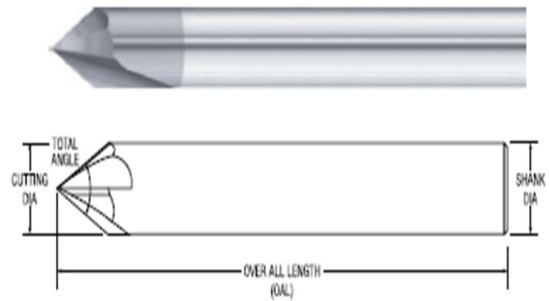
ITEM CODE	DIA	SHANK	FLUTE	OAL
VDLX5 030 TC	3	6	35	74
VDLX5 031 TC	3.1	6	35	74
VDLX5 032 TC	3.2	6	35	74
VDLX5 033 TC	3.3	6	35	74
VDLX5 034 TC	3.4	6	35	74
VDLX5 035 TC	3.5	6	35	74
VDLX5 036 TC	3.6	6	35	74
VDLX5 037 TC	3.7	6	35	74
VDLX5 038 TC	3.8	6	35	74
VDLX5 039 TC	3.9	6	35	74
VDLX5 040 TC	4	6	35	74
VDLX5 041 TC	4.1	6	40	80
VDLX5 042 TC	4.2	6	40	80
VDLX5 043 TC	4.3	6	40	80
VDLX5 044 TC	4.4	6	40	80
VDLX5 045 TC	4.5	6	40	80
VDLX5 046 TC	4.6	6	40	80
VDLX5 047 TC	4.7	6	40	80
VDLX5 048 TC	4.8	6	40	80
VDLX5 049 TC	4.9	6	40	80
VDLX5 050 TC	5	6	40	80
VDLX5 051 TC	5.1	6	45	82
VDLX5 052 TC	5.2	6	45	82
VDLX5 053 TC	5.3	6	45	82
VDLX5 054 TC	5.4	6	45	82
VDLX5 055 TC	5.5	6	45	82
VDLX5 056 TC	5.6	6	45	82
VDLX5 057 TC	5.7	6	45	82
VDLX5 058 TC	5.8	6	45	82
VDLX5 059 TC	5.9	6	45	82
VDLX5 060 TC	6	6	45	82
VDLX5 061 TC	6.1	8	50	91
VDLX5 062 TC	6.2	8	50	91
VDLX5 063 TC	6.3	8	50	91
VDLX5 064 TC	6.4	8	50	91
VDLX5 065 TC	6.5	8	50	91
VDLX5 066 TC	6.6	8	50	91
VDLX5 067 TC	6.7	8	50	91
VDLX5 068 TC	6.8	8	50	91
VDLX5 069 TC	6.9	8	50	91
VDLX5 070 TC	7	8	50	91
VDLX5 071 TC	7.1	8	50	91
VDLX5 072 TC	7.2	8	50	91
VDLX5 073 TC	7.3	8	50	91
VDLX5 074 TC	7.4	8	50	91

ITEM CODE	DIA	SHANK	FLUTE	OAL
VDLX5 075 TC	7.5	8	50	91
VDLX5 076 TC	7.6	8	50	91
VDLX5 077 TC	7.7	8	50	91
VDLX5 078 TC	7.8	8	50	91
VDLX5 079 TC	7.9	8	50	91
VDLX5 080 TC	8	8	50	91
VDLX5 081 TC	8.1	10	55	103
VDLX5 082 TC	8.2	10	55	103
VDLX5 083 TC	8.3	10	55	103
VDLX5 084 TC	8.4	10	55	103
VDLX5 085 TC	8.5	10	55	103
VDLX5 086 TC	8.6	10	55	103
VDLX5 087 TC	8.7	10	55	103
VDLX5 088 TC	8.8	10	55	103
VDLX5 089 TC	8.9	10	55	103
VDLX5 090 TC	9	10	55	103
VDLX5 095 TC	9.5	10	55	103
VDLX5 098 TC	9.8	10	55	103
VDLX5 100 TC	10	10	55	103
VDLX5 102 TC	10.2	12	75	120
VDLX5 104 TC	10.4	12	75	120
VDLX5 105 TC	10.5	12	75	120
VDLX5 108 TC	10.8	12	75	120
VDLX5 110 TC	11	12	75	120
VDLX5 115 TC	11.5	12	75	120
VDLX5 118 TC	11.8	12	75	120
VDLX5 120 TC	12	12	75	120
VDLX5 125 TC	12.5	14	80	125
VDLX5 128 TC	12.8	14	80	125
VDLX5 130 TC	13	14	80	125
VDLX5 135 TC	13.5	14	80	125
VDLX5 140 TC	14	14	80	125
VDLX5 145 TC	14.5	16	85	135
VDLX5 150 TC	15	16	85	135
VDLX5 153 TC	15.3	16	85	135
VDLX5 155 TC	15.5	16	85	135
VDLX5 160 TC	16	16	85	135
VDLX5 165 TC	16.5	18	93	143
VDLX5 170 TC	17	18	93	143
VDLX5 175 TC	17.5	18	93	143
VDLX5 180 TC	18	18	93	143
VDLX5 185 TC	18.5	20	101	153
VDLX5 190 TC	19	20	101	153
VDLX5 195 TC	19.5	20	101	153
VDLX5 200 TC	20	20	101	153



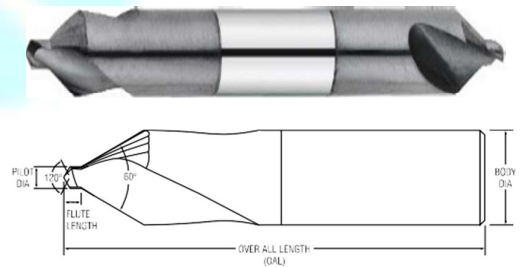
## CHAMFER CUTTER

CHAMFER CUTTER				
ITEM CODE	CUTTING DIA	SHANK DIA	OAL	ANGLE
VCHFC 030	3	3	39	90°
VCHFC 040	4	4	51	90°
VCHFC 050	5	5	51	90°
VCHFC 060	6	6	63	90°
VCHFC 080	8	8	63	90°
VCHFC 100	10	10	70	90°
VCHFC 120	12	12	75	90°
VCHFC 140	14	14	80	90°
VCHFC 160	16	16	80	90°
VCHFC 180	18	18	101	90°
VCHFC 200	20	20	101	90°



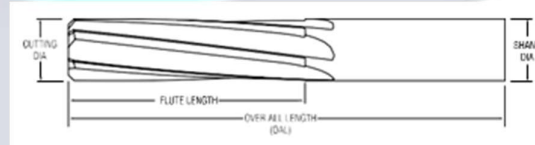
## CENTER DRILL

METRIC				
ITEM CODE	PILOT DIA	BODY DIA	CEL	OAL
VCD 100 315	1	3.15	1.6	32
VCD 160 400	1.6	4	2.4	35
VCD 200 500	2	5	2.9	40
VCD 250 630	2.5	6.3	3.6	45
VCD 315 800	3.15	8	4.4	50
VCD 400 100	4	10	5.6	56
VCD 500 125	5	12.5	6.9	63
VCD 630 160	6.3	16	8.6	71
VCD 800 200	8	20	10.1	80
INCHES				
ITEM CODE	PILOT DIA	BODY DIA	CEL	OAL
VCD 1/16 3/16	1/16	3/16	3/32	1 3/4
VCD 3/32 1/4	3/32	1/4	5/32	2
VCD 1/8 5/16	1/8	5/16	3/16	2 1/4
VCD 3/16 7/16	3/16	7/16	9/32	2 1/2
VCD 1/4 5/8	1/4	5/8	3/8	3



# REAMER

REAMERS				
ITEMCODE	CUTTING DIA	SHANK DIA	FLUTE LENGTH	OAL
VRM 4030 RM	3	3	16	57
VRM 4040 RM	4	4	25	63
VRM 4 050 RM	5	5	25	63
VRM 4060 RM	6	6	25	76
VRM 6 070 RM	7	7	29	76
VRM 6080 RM	8	8	29	76
VRM 6 090 RM	9	9	32	76
VRM 6 100 RM	10	10	38	101
VRM 6 110 RM	11	11	38	101
VRM 6 120 RM	12	12	38	101
VRM 6 130 RM	13	13	45	125
VRM 6 14.0 RM	14	14	45	125
VRM 6 150 RM	15	15	50	125
VRM 6 160 RM	16	16	50	125



## STRAIGHT FLUTE

FOR ALL TYPES OF GENERAL REAMING APPLICATIONS.



## LEFT HELIX FLUTE

PRODUCES BETTER FINISHES ON HARD MATERIALS SUCH AS HEAT-TREATED STEELS. SHEAR ACTION IS EXCELLENT FOR HOLES WITH INTERRUPTIONS;



## RIGHT HELIX FLUTE

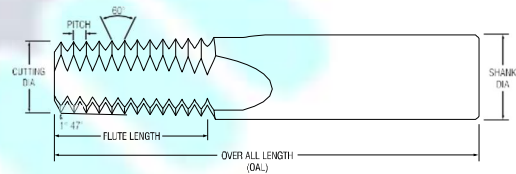
FOR BLIND HOLES AND ABRASIVE, DUCTILE MATERIALS. DO NOT USE FOR HOLES WITH INTERRUPTIONS UNLESS MATERIALS IS REASONABLY SOFT.



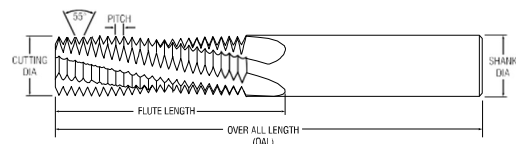
# THREADMILL

NPT THREADMILL								
SIZE	TPI	PITCH	CUTTING DIA	SHANK DIA	FLUTE	OAL	NO OF FLUTE	THREAD ANGLE
1/16" X 27	27	0.94	5.378	6	10	6	3	60°
1/8" X 27	27	0.94	7.378	8	10	663	3	60°
1/4" X 18	18	1.411	9.066	10	15	70	3	60°
3/8" X 18	18	1.411	11.066	12	15	75	4	60°
1/2", 3/4" X 14	14	1.814	14.134	16	30	80	4	60°
1", 1 1/4", 1 1/2", 2" X 11.5	11.5	2.208	18.632	20	22	100	4	60°
2 1/2", 3 3/8"	8	3.175	18	20	32	100	4	60°
BSP THREADMILL								
SIZE	TPI	PITCH	CUTTING DIA	SHANK DIA	FLUTE	OAL	NO OF FLUTE	THREAD ANGLE
1/16" X 28, 1/8"	28	0.907	5.75	6	12	63	3	55°
1/8" X 28	28	0.907	7.8	8	20	63	3	55°
1/4" X 19, 3/8"	19	1.33	10.5	12	25	75	4	55°
3/8" X 19	19	1.33	13.5	14	30	80	4	55°
1/2", 3/4" X 14	14	1.81	15.75	16	35	80	5	55°
1/2", 2, 2 1/2" X 11	11	2.309	19.75	20	40	100	5	55°
5/16" X 22 BSF	22	1.154	5.75	6	18	63	3	55°

## NPT THREADMILL



## BSP THREADMILL



# THREADMILL

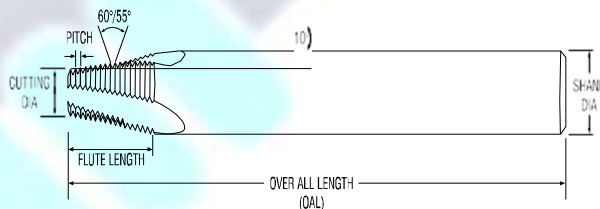
## SURGICAL TAPPER THREADMILL

TAPER	CUTTING DIA	SHANK DIA	FLUTE	OAL	NO OF FLUTE	PITCH	THREAD ANGLE	HEIGHT
20°	3.2	6	8	63	3	0.4	60°	0.2
20°	2.9	6	9	63	3	0.5	60°	0.25
20°	1.5	6	4	63	3	0.3	55°	0.18
20°	2.5	6	10	63	3	0.4	55°	0.3
20°	2.9	6	9	63	3	0.5	55°	0.35
20°	3.8	6	65	63	3	0.6	55°	0.45

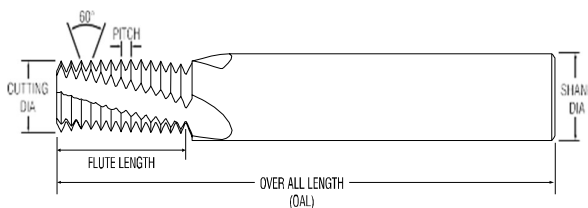
## ISO METRIC

SIZE	PITCH	CUTTING DIA	SHANK DIA	NO. OF FLUTE	OAL	NO OF FLUTE	THREAD ANGLE
M3 X 0.5	0.5	2.35	4	6	50	3	60°
M4 X 0.7	0.7	3.15	4	7	50	3	60°
M5 X 0.8	0.8	3.9	4	8	50	3	60°
M6 X 1.0	1	4.8	6	10	63	3	60°
M8 X 1.25	1.25	6.25	8	15	63	3	60°
M10 X 1.5	1.5	8.25	10	18	70	3	60°
M12 X 1.75	1.75	9.5	10	20	70	4	60°
M14 X 2.0	2	11.5	12	24	75	4	60°
M16 X 2.0	2	13.5	14	28	80	4	60°
M20 X 2.5	2.5	15	16	30	80	4	60°

## TAPPER THREADMILL



## SURGICAL THREADMILL



SPERONI HIGH PRECISION AUTOMATIC INCEPCTION FACILITY



TGT CNC TOOL & CUTTER MANUFACTURING FACILITY





# REGRINDING & RECOATING FACILITY WITH ORIGINAL GEOMETRY

- ▶ ENDMILL
- ▶ BALLNOSE
- ▶ DRILLS
- ▶ CUSTOMIZED TOOLS



**3 EASY STEPS TO REDUCE TOOL COST**

- RE-GRINDING
- RE-COATING
- REUSE

**RE-GRINDING**

We take pride in being pioneers in re-grinding carbide products.

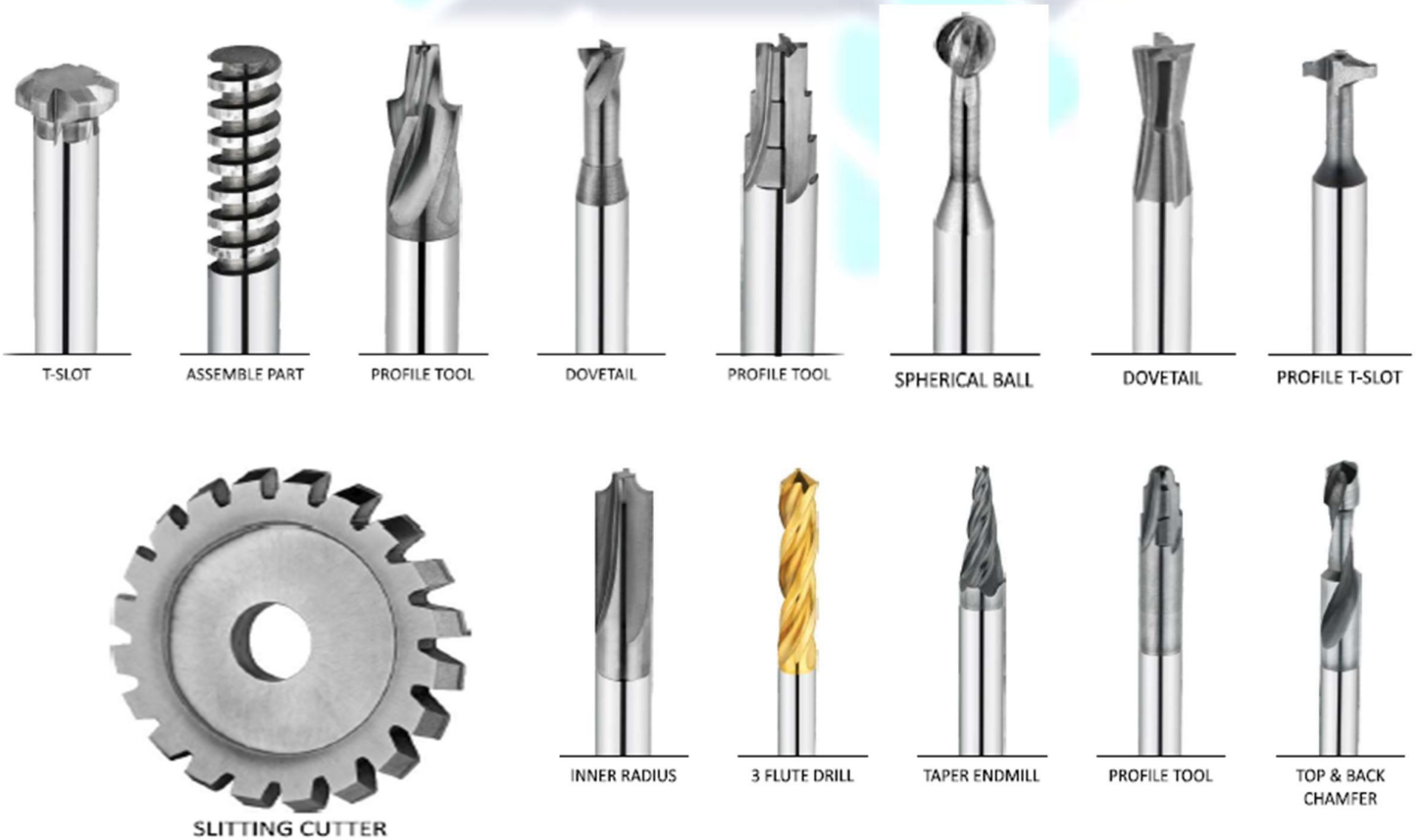
When carbide Tools are Re-Sharpener, a new point is ground onto the end of the tool.

We take care to assure that the new point meets the original profile of the tools. In case the life or the tool length becomes short, we re grind to the next possible size required by the client.

**GOSE**  
Reduce the Tool Expenses

Easy to Reuse

## SPECIAL CUSTOMISED TOOLS



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