

**BUY 3 GET 1 FREE\***



  
NEUMO Ehrenberg Group

**VARDEX**

# THREAD MILLS

**HIGH PERFORMANCE CARBIDE THREAD MILLS**

## WHY CHOOSE THREAD MILLS OVER MACHINE TAPS

-  One tool for multiple thread sizes & types
-  Lower cutting forces, less breakages
-  Reduced cycle times & better surface finish
-  Produce cleaner, more accurate threads

\*Mix & match - cheapest item free

**BUY 3 GET 1 FREE ON VARDEX THREAD MILLS**

**M METRIC DIN 13 - HELICAL FLUTES**

Thread Milling of Steel, Stainless Steel, HRSA's, Aluminium & Cast Iron up to HRC45

- TiAlN coated carbide thread mills
- Suitable for internal right and left hand threads

**BUY 3 GET 1 FREE**



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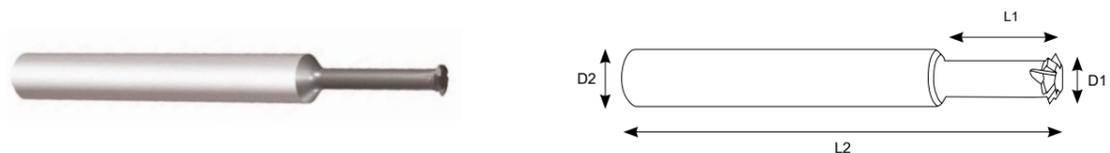
Thread		Pitch mm	D1	D2	L1	L2	No. of Flutes	Order Code	Price
M Coarse	M Fine								
<b>Internal 2xD Max Depth (Solid)</b>									
M3x0.5	M3.5-M16x0.5	0.5	2.2	4	6	45	3	101-00027	£115.40
-	M4x0.5	0.5	3	4	8	45	3	101-00028	£115.40
-	M5x0.5	0.5	3.9	4	10	45	3	101-00029	£115.40
M4x0.7	-	0.7	2.8	4	8.4	45	3	101-00025	£115.40
-	M6x0.75	0.75	3.9	4	12	45	3	101-00026	£115.40
M5x0.8	-	0.8	3.5	4	10.4	45	3	101-00006	£115.40
M6x1.0	M8-M40x1.0	1	3.9	4	12	45	3	101-00009	£115.40
-	M8x1.0	1	5.9	6	16	57	3	101-00012	£137.68
-	M10x1.0	1	7.9	8	20	63	3	101-00015	£160.39
-	M12x1.0	1	9.9	10	24	73	4	101-00010	£168.50
-	M8x1.25	1.25	5.8	6	16.25	57	3	101-00016	£137.68
M10x1.25	-	1.25	7.7	8	20	63	3	101-00018	£160.39
M10x1.5	M12-M48x1.5	1.5	7.7	8	21	63	3	101-00008	£160.39
-	M12x1.5	1.5	9.4	10	24	73	4	101-00011	£168.50
-	M14x1.5	1.5	11.2	12	28.5	83	4	101-00013	£229.19
-	M16x1.5	1.5	11.9	12	33	83	4	101-00014	£229.19
M12x1.75	-	1.75	8.7	10	24.5	73	4	101-00019	£168.50
M14x2.0	M17-M80x2.0	2	9.9	10	28	73	4	101-00021	£168.50
M16x2.0	M17-M80x2.0	2	11.9	12	32	83	4	101-00022	£229.19
M18-M22x2.5	-	2.5	13.9	16	40	92	5	101-00024	£318.47
M24x3.0	-	3	15.9	16	42	92	4	101-00023	£318.47

**M METRIC DIN 13 - SINGLE TOOTH MILLIPRO**

Miniature Thread Milling of Steel, Stainless Steel, HRSA's, Aluminium & Cast Iron up to HRC45

- TiAlN coated carbide thread mills
- Suitable for internal right and left hand threads
- Miniature design with 1 flute

**BUY 3 GET 1 FREE**



**VARDEX**

Thread		Pitch mm	D1	D2	L1	L2	No. of Flutes	Order Code	Price
M Coarse	M Fine								
<b>Internal 3xD Max Depth</b>									
M1.0x0.25	M1.4x0.25	0.25	0.7	3	3.1	31	3	103-00015	£169.76
M1.2x0.25	M1.4x0.25	0.25	0.9	3	3.8	31	3	103-00016	£169.76
M1.4x0.3	-	0.3	1.05	3	4.4	31	3	103-00010	£169.76
M1.6x0.35	-	0.35	1.2	3	5	31	3	103-00011	£106.11
M1.8x0.35	M2.0x0.35	0.35	1.4	3	5.6	31	3	103-00009	£106.11
M2.0x0.4	-	0.4	1.5	3	6.2	31	3	103-00006	£106.11
M2.5x0.45	-	0.45	1.95	3	7.7	31	3	103-00012	£106.11

**BUY 3 GET 1 FREE ON VARDEX THREAD MILLS**

**M METRIC DIN 13 - MINIATURE 3 TOOTH MILLIPRO**

Miniature Thread Milling of Steel, Stainless Steel, HRSA's, Aluminium & Cast Iron up to HRC45

- TiAlN coated carbide thread mills
- Suitable for internal right and left hand threads
- Miniature design with 3 flutes

**BUY 3 GET 1 FREE**



**VARDEX**

Thread		Pitch mm	D1	D2	L1	L2	No. of Flutes	Order Code	Price
M Coarse	M Fine								
<b>Internal 2xD Max Depth</b>									
M1.6x0.35	-	0.35	1.2	3	3.4	30	3	102-80420	£107.42
M2x0.4	-	0.4	1.55	6	4.2	57	3	102-80254	£107.42
M2.2x0.45	-	0.45	1.65	6	4.6	57	3	102-80255	£107.42
M2.5x0.45	-	0.45	1.95	6	5.2	57	3	102-80256	£107.42
M3x0.5	M3.5-M16x0.5	0.5	2.4	6	6.2	57	3	102-80257	£107.42
M3.5x0.6	-	0.6	2.75	6	7.3	57	3	102-80258	£107.42
M4x0.7	-	0.7	3.15	6	8.3	57	3	102-80259	£107.42
M5x0.8	-	0.8	4.05	6	10.4	57	3	102-80260	£107.42
M6x1.0	M8-M40x1.0	1	4.8	6	12.5	57	3	102-80261	£107.42
M8x1.25	-	1.25	6.5	8	16.6	63	3	102-80262	£121.92
M10x1.5	M12-M48x1.50	1.5	8.2	10	20.8	73	3	102-80418	£133.59
M12x1.75	-	1.75	9.9	10	25	73	3	102-80419	£133.59
M16x2.0	-	2	11.9	12	33	83	3	102-00093	£145.63
M20x2.5	-	2.5	15.9	16	41.3	92	3	102-00073	£175.18
<b>Internal 3xD Max Depth</b>									
M1.6x0.35	-	0.35	1.2	3	5	30	3	102-80421	£107.42
M2x0.4	-	0.4	1.55	3	6.2	30	3	102-00100	£107.42
M2x0.4	-	0.4	1.55	6	6.2	57	3	102-80422	£107.42
M2.5x0.45	-	0.45	1.95	3	7.7	30	3	102-00094	£107.42
M2.5x0.45	-	0.45	1.95	6	7.7	57	3	102-80265	£107.42
M3x0.5	M3.5-M16x0.5	0.5	2.4	3	9.2	30	3	102-00099	£107.42
M3x0.5	M3.5-M16x0.5	0.5	2.4	6	9.2	57	3	102-80266	£107.42
M4x0.7	-	0.7	3.15	6	12.3	57	3	102-80267	£107.42
M5x0.8	-	0.8	4.05	6	15.4	57	3	102-80268	£107.42
M6x1.0	M8-M40x1.0	1	4.8	6	18.5	57	3	102-80269	£107.42
M8x1.25	-	1.25	6.5	8	24.6	63	3	102-80270	£121.92

**BSW/BSF WHITWORTH B.S.84 1956, DIN 259 - HELICAL FLUTES**

Thread Milling of Steel, Stainless Steel, HRSA's, Aluminium & Cast Iron up to HRC45

- TiAlN coated carbide thread mills
- Suitable for internal right and left hand threads
- Axial coolant for blind holes

**BUY 3 GET 1 FREE**



**VARDEX**

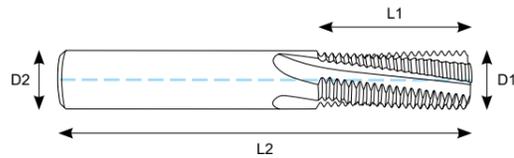
Thread		TPI	D1	D2	L1	L2	No. of Flutes	Order Code	Price
BSW	BSF								
<b>Internal / External 2xD Max Depth (Axial Coolant)</b>									
-	1/4"x26 BSF	26	5	6	13.2	57	3	104-00097	£161.98
-	5/16"x22 BSF	22	6.35	8	16.7	61	3	104-00098	£188.74
1/4"x20 BSW	3/8"x20 BSF	20	4.45	6	13.3	57	3	104-00099	£161.98
-	3/8"x20 BSF	20	7.65	8	19.7	61	3	104-00100	£188.74
5/16"x18 BSW	7/16"x18 BSF	18	5.85	6	16.2	57	3	104-00101	£161.98
-	7/16"x18	18	9.2	10	23.3	73	3	104-00102	£198.29
3/8"x16 BSW	1/2", 9/16"x16 BSF	16	7.2	8	19.8	61	3	104-00103	£188.74
-	1/2", 9/16"x16	16	10.5	12	26.2	80	4	104-00104	£269.74
9/16"x16 BSW	-	16	12.15	14	29.4	92	4	104-00105	£307.90
7/16"x14 BSW	5/8", 11/16"x14	14	8.5	10	22.7	73	3	104-00106	£198.29
-	5/8", 11/16"x14	14	13.4	14	31.7	92	4	104-00107	£307.90
-	11/16"x14	14	15	16	35.4	92	4	104-00108	£374.75
1/2"x12 BSW	3/4"x12 BSF	12	9.65	10	26.5	73	3	104-00109	£198.29
9/16"x12 BSW	3/4"x12	12	11.25	12	28.6	80	4	104-00110	£269.74
-	3/4"x12	12	16.2	18	39.2	102	4	104-00111	£409.11
5/8"x11 BSW	7/8"x11 BSF	11	12.6	14	33.5	92	4	104-00112	£307.90
11/16"x11 BSW	-	11	14.2	16	35.8	92	4	104-00113	£374.75

**BUY 3 GET 1 FREE ON VARDEX THREAD MILLS**

**UN UNIFIED NATIONAL ANSI B1.1:74 - HELICAL FLUTES**

Thread Milling of Steel, Stainless Steel, HRSA's, Aluminium & Cast Iron up to HRC45

- TiAlN coated carbide thread mills
- Suitable for internal right and left hand threads
- Helical flute



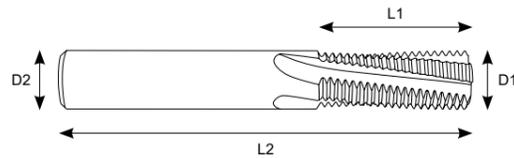
**VARDEX**

Thread			TPI	D1	D2	L1	L2	No. of Flutes	Order Code	Price
UNC	UNF	UNEF								
<b>Internal 2xD Max Depth (Solid)</b>										
-	No.8 UNF	-	36	3	4	8.5	45	3	101-00053	£115.40
-	No.10 UNF	No.12-3/8" UNEF	32	3.3	4	11.1	45	3	101-00052	£115.40
-	No.12, 1/4" UNF	7/16", 1/2" UNEF	28	3.8	4	11.8	45	3	101-00050	£115.40
-	1/4" UNF	7/16", 1/2" UNEF	28	4.6	6	12.7	57	3	101-00071	£137.68
-	-	7/16", 1/2" UNEF	28	9.2	10	22.7	73	4	101-00051	£168.50
No.10 UNC	5/16", 3/8" UNF	9/16"-11/16" UNEF	24	2.9	4	10.6	45	3	101-00045	£115.40
No.12	5/16", 3/8" UNF	9/16"-11/16" UNEF	24	3.5	4	11.6	45	3	101-00046	£115.40
-	5/16", 3/8" UNF	9/16"-11/16" UNEF	24	5.7	6	15.9	57	3	101-00047	£137.68
-	3/8" UNF	9/16"-11/16" UNEF	24	7.4	8	19.1	63	3	101-00048	£160.39
-	-	9/16"-11/16" UNEF	24	11.9	12	28.6	83	4	101-00049	£229.19
1/4"x20 UNC	7/16", 1/2" UNF	3/4"-1" UNEF	20	3.9	4	12.7	45	3	101-00070	£115.40
-	7/16", 1/2" UNF	3/4"-1" UNEF	20	8.5	10	22.9	73	4	101-00042	£168.50
-	1/2" UNF	3/4"-1" UNEF	20	9.9	10	25.4	73	4	101-00043	£168.50
-	-	3/4"-1" UNEF	20	15.9	16	38.1	92	5	101-00044	£318.47
5/16" UNC	9/16", 5/8" UNF	11/16"-1 11/16" UNEF	18	5.2	6	16.9	57	3	101-00069	£137.68
-	9/16", 5/8" UNF	11/16"-1 11/16" UNEF	18	11.3	12	29.6	83	4	101-00040	£229.19
-	5/8" UNF	11/16"-1 11/16" UNEF	18	11.9	12	32.5	83	4	101-00041	£229.19
3/8" UNC	3/4" UNF	-	16	6.7	8	19.1	63	3	101-00038	£160.39
-	3/4" UNF	-	16	15.9	16	38.1	92	4	101-00039	£318.47
7/16" UNC	7/8" UNF	-	14	7.6	8	23.6	63	4	101-00036	£160.39
-	7/8" UNF	-	14	18.7	20	44.4	104	4	101-00037	£347.62
1/2" UNC	-	-	13	8.9	10	25.4	73	4	101-00035	£168.50
9/16" UNC	1"-1 1/2" UNF	-	12	10.3	12	29.6	83	4	101-00034	£229.19
-	1"-1 1/2" UNF	-	12	19.9	20	50.8	104	5	101-00017	£347.62
5/8" UNC	-	-	11	11	12	32.3	83	4	101-00033	£229.19
3/4" UNC	-	-	10	13.5	16	38.1	92	5	101-00032	£318.47
7/8" UNC	-	-	9	15.2	16	45.2	92	4	101-00031	£318.47
1" UNC	-	-	8	17	20	50.8	104	4	101-00030	£347.62

**BSP (G) BRITISH STANDARD GAS B.S.2779:1956 - HELICAL FLUTES**

Thread Milling of Steel, Stainless Steel, HRSA's, Aluminium & Cast Iron up to HRC45

- TiAlN coated carbide thread mills
- Suitable for internal right and left hand threads



**VARDEX**

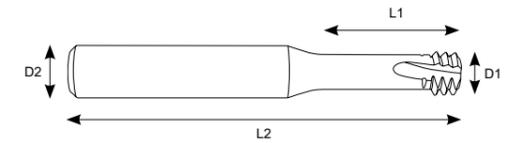
Thread BSP(G)	TPI	D1	D2	L1	L2	No. of Flutes	Order Code	Price
<b>Internal / External 2xD Max Depth (Solid)</b>								
1/16", 1/8" BSP	28	5.8	6	16.3	57	3	101-00054	£137.68
1/8" BSP	28	7.7	8	20	63	3	101-00055	£160.39
1/4", 3/8" BSP	19	9.9	10	26.7	73	4	101-00056	£168.50
3/8" BSP	19	13.4	16	33.4	92	4	101-00057	£318.47
1/2", 3/4" BSP	14	15.7	16	43.5	92	5	101-00058	£318.47
1", 1 1/2", 2", 2 1/2" BSP	11	19.9	20	41.6	104	5	101-00020	£347.62

**BUY 3 GET 1 FREE ON VARDEX THREAD MILLS**

**UN UNIFIED NATIONAL ANSI B1.1:74 - MINATURE 3 TOOTH MILLIPRO**

Miniature Thread Milling of Steel, Stainless Steel, HRSA's, Aluminium & Cast Iron up to HRC45

- TiAlN coated carbide thread mills
- Suitable for right and left hand internal threads
- Miniature design with 3 flutes



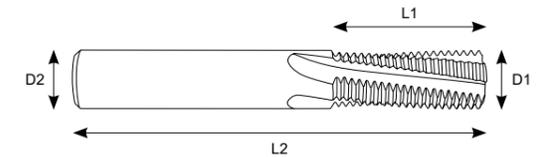
**VARDEX**

Thread		TPI	D1	D2	L1	L2	No. of Flutes	Order Code	Price
UNC	UNF								
<b>Internal 2xD Max Depth (Solid)</b>									
-	No.1 UNF	72	1.45	6	3.9	57	3	102-00014	£107.42
No.1 UNC	No.2 UNF	64	1.4	6	4.2	57		102-00012	£107.42
No.2 UNC	No.3 UNF	56	1.65	6	5	57		102-00015	£107.42
No.3 UNC	No.4 UNF	48	1.9	6	6	57		102-00017	£107.42
No.4, No.5 UNC	No.6 UNF	40	2.1	6	6	57		102-00019	£107.42
No.5 UNC	No.6 UNF	40	2.45	6	7.2	57		102-00021	£107.42
-	No.8 UNF	36	3.3	6	8.7	57		102-00023	£107.42
No.6, No.8 UNC	No.10 UNF	32	2.55	6	7.4	57		102-00024	£107.42
No.8 UNC	No.10 UNF	32	3.2	6	10	57		102-00025	£107.42
-	No.10 UNF	32	3.8	6	10.3	57		102-00147	£107.42
-	1/4" UNF	28	5.25	6	13.2	57		102-00028	£107.42
No.10 UNC	5/16" UNF	24	3.58	6	10.2	57		102-00040	£103.79
-	5/16" UNF	24	6.68	8	16.5	63		102-00042	£121.92
1/4" UNC	7/16" UNF	20	4.88	6	13.4	57		102-00034	£107.42
-	7/16" UNF	20	9.55	10	23	73	102-00037	£133.59	
5/16" UNC	-	18	6.15	8	16.9	63	102-00154	£121.92	
3/8" UNC	-	16	6.7	8	19.1	63	102-00070	£121.92	
7/16" UNC	-	14	9	10	23.3	73	102-00038	£133.59	

**BSPT BRITISH STANDARD PIPE TAPER B.S.21:1985 - HELICAL FLUTES**

Thread Milling of Steel, Stainless Steel, HRSA's, Aluminium & Cast Iron up to HRC45

- TiAlN coated carbide thread mills
- Suitable for internal & external right and left hand threads



**VARDEX**

Thread BSPT	TPI	D1	D2	L1	L2	No. of Flutes	Order Code	Price
<b>Internal / External 2xD Max Depth (Solid)</b>								
1/16" BSPT	28	5.8	6	16.3	57	3	101-00089	£137.68
1/8" BSPT	28	7.7	8	20	63	3	101-00090	£160.39
1/4" BSPT	19	9.9	10	26.7	73	4	101-00091	£168.50
3/8" BSPT	19	13.4	16	33.4	92	4	101-00092	£318.47
1/2", 3/4" BSPT	14	15.7	16	43.5	92	5	101-00093	£318.47
1", 1 1/2", 2", 2 1/2" BSPT	11	19.9	20	41.6	104	5	101-00094	£347.62

**BUY 3 GET 1 FREE ON VARDEX THREAD MILLS**

**NPT NATIONAL PIPE TAPER B2.1:1965 - HELICAL FLUTES**

Thread Milling of Steel, Stainless Steel, HRSA's, Aluminium & Cast Iron up to HRC45

- TiAlN coated carbide thread mills
- Helical flute for tapered threads

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**VARDEX**

Thread Size	TPI	D1	D2	L1	L2	No. of Flutes	Order Code	Price
<b>Internal / External 2xD Max Depth (Solid)</b>								
1/16"	27	5.3	6	9.4	57	3	101-00075	£137.68
1/8"	27	7.5	8	9.4	63	4	101-00076	£160.39
1/4"	18	9.4	10	14.1	73	4	101-00077	£168.50
3/8"	18	11.9	12	14.1	83	4	101-00078	£229.19
1/2"	14	15.5	16	25.4	92	5	101-00079	£318.47
1"	11.5	19.9	20	33.1	104	5	101-00080	£347.62
2 1/2"	8	19.9	20	38.1	104	4	101-00081	£347.62

**NPTF NATIONAL PIPE TAPER FUEL ANSI 1.20.3-1 - HELICAL FLUTES**

Thread Milling of Steel, Stainless Steel, HRSA's, Aluminium & Cast Iron up to HRC45

- TiAlN coated carbide thread mills
- Helical flute for tapered threads

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**VARDEX**

Thread Size	TPI	D1	D2	L1	L2	No. of Flutes	Order Code	Price
<b>Internal / External 2xD Max Depth (Solid)</b>								
1/16"	27	5.3	6	9.4	57	3	101-00082	£137.68
1/8"	27	7.5	8	9.4	63	4	101-00083	£160.39
1/4"	18	9.4	10	14.1	73	4	101-00084	£168.50
3/8"	18	11.9	12	14.1	83	4	101-00085	£229.19
1/2"	14	15.5	16	25.4	92	5	101-00086	£318.47
1"	11.5	19.9	20	33.1	104	5	101-00087	£347.62
2 1/2"	8	19.9	20	38.1	104	4	101-00088	£347.62



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VARGUS GENius™ offers the most popular and advanced thread turning and thread milling software on the market today.



Find out More

**BUY 3 GET 1 FREE ON VARDEX THREAD MILLS**

Material	Group	Detail	Hardness Brinell HB	Vc [m/min]		Feed fz [mm/tooth]		
				Helical Flute Deep Threading	Miniature	Helical	Deep Threading	Miniature
P Steel	Unalloyed Steel	Low Carbon (C=0.1-0.25%)	125	80-250	60-120	0.03-0.15	0.03-0.23	0.03-0.12
		Medium Carbon (C=0.25-0.55%)	150	80-230	60-120	0.03-0.1	0.03-0.15	0.03-0.12
		High Carbon (C=0.55-0.85%)	170	80-200	60-90	0.03-0.08	0.03-0.12	0.03-0.12
	Low Alloy Steel (Alloying Elements <5%)	Non Hardened	180	60-180	60-90	0.03-0.1	0.03-0.15	0.03-0.1
		Hardened	275	60-170	50-80	0.03-0.07	0.03-0.11	0.03-0.07
		Hardened	350	60-160	50-80	0.01-0.03	0.01-0.05	0.03
	High Alloy Steel (Alloying Elements >5%)	Annealed	200	40-100	50-80	0.03-0.05	0.03-0.08	0.03-0.05
		Hardened	325	30-80	50-80	0.01-0.03	0.01-0.05	0.03
	Cast Steel	Low Alloy (Alloying Elements <5%)	200	80-250	70-90	0.03-0.1	0.03-0.15	0.03-0.1
		High Alloy (Alloying Elements >5%)	225	60-170	60-80	0.01-0.03	0.01-0.05	0.03
M Stainless Steel	Stainless Steel Ferritic	Non Hardened	200	60-150	60-90	0.04-0.1	0.04-0.15	0.03-0.1
		Hardened	330	60-120	50-80	0.01-0.05	0.01-0.08	0.03
	Stainless Steel Austenitic	Austenitic	180	60-140	60-90	0.04-0.1	0.04-0.15	0.03-0.1
		Super Austenitic	200	60-130	50-80	0.04-0.1	0.04-0.15	0.03-0.1
	Stainless Steel Cast Ferritic	Non Hardened	200	60-160	60-90	0.04-0.1	0.04-0.15	0.03-0.1
		Hardened	330	60-110	50-80	0.03-0.05	0.03-0.08	0.03
Stainless Steel Cast Austenitic	Austenitic	200	60-150	60-90	0.04-0.1	0.04-0.15	0.03-0.1	
	Hardened	330	60-100	50-80	0.03-0.05	0.03-0.08	0.03	
K Cast Iron	Malleable	Ferritic (Short Chips)	130	60-70	50-80	0.01-0.03	0.01-0.05	0.03
	Cast Iron	Pearlitic (Long Chips)	230	60-150	60-90	0.03-0.05	0.03-0.08	0.05
		Low Tensile Strength	180	70-160	70-100	0.025-0.1	0.05-0.15	0.04-0.1
	Grey Cast Iron	High Tensile Strength	260	40-120	60-90	0.03-0.05	0.03-0.08	0.05
Nodular Sg Iron		Ferritic	160	40-110	70-100	0.05-0.1	0.05-0.15	0.04-0.1
	Pearlitic	260	40-100	60-90	0.03-0.05	0.03-0.08	0.05	
N Non-Ferrous Metals	Aluminium Alloys Wrought	Non Aging	60	200-300	60-250	0.1-0.25	0.10-0.38	0.05-0.15
		Aged	100	150-250	60-150	0.1-0.2	0.10-0.30	0.04-0.12
	Aluminium Alloys	Cast	75	100-200	60-250	0.1-0.2	0.10-0.30	0.04-0.12
		Cast & Aged	90	120-220	60-150	0.1-0.15	0.10-0.23	0.03-0.1
	Aluminium Alloys	Cast Si 13-22%	130	200-300	250	0.1-0.2	0.10-0.30	0.05-0.1
		Copper & Copper Alloys	Brass	90	200-300	60-250	0.1-0.25	0.10-0.38
Bronze & Non Leaded Copper	100		150-250	60-150	0.1-0.2	0.10-0.30	0.05-0.1	
S Heat Resistant Material	High Temperature Alloys	Annealed (Iron Based)	200	30-60	60	0.04-0.1	0.04-0.15	0.03-0.1
		Aged (Iron Based)	280	20-50	50	0.01-0.03	0.01-0.05	0.03
		Annealed (Nickel or Cobalt Based)	250	15-35	20-40	0.01-0.03	0.01-0.05	0.03
	Aged (Nickel or Cobalt Based)	350	15-30	15-30	0.01-0.03	0.01-0.05	0.03	
Titanium Alloys	Pure 99.5 Ti	400Rm	40-80	30-50	0.03-0.05	0.03-0.08	0.03-0.06	
	A+B Alloys	1050Rm	20-50	25-35	0.03-0.05	0.03-0.08	0.03-0.07	
H Hardened Steel	Extra Hard Steel	Hardened & Tempered	45-50HRC	15-45	30-45	0.005-0.01	0.005-0.02	0.01
		Hardened & Tempered	51-55HRC	15-40	15-30	0.005-0.01	0.005-0.02	0.01
		Hardened & Tempered	55-60HRC	40-60	-	0.005-0.025	-	-
		Hardened & Tempered	60-63HRC	30-40	-	0.005-0.015	-	-
		Hardened & Tempered	63-66HRC	30-40	-	0.005-0.015	-	-

# OUR FULL RANGE OF THREAD MILLS

## HELICAL FLUTE

Solid

Coated thread mills for general thread milling of steel, stainless steel, HRSA's, cast iron and non-ferrous materials.



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## HELICAL FLUTE

Axial Through Coolant

Higher performance thread mills for general thread milling of steel, stainless steel, HRSA's, cast iron and non-ferrous materials.

Through coolant ideal for increasing tool life and improving chip evacuation in blind holes.



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## HELICAL FLUTE

Radial Through Coolant

Higher performance thread mills with polished TNF coating. Suitable for steel, stainless steel, HRSA's, cast iron and non-ferrous materials.

Variable helix reduces vibration and radial coolant holes improve chip evacuation in through holes.



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## MULTI FLUTE

Axial Through Coolant

The ultimate thread mill for fast cycle times and longest tool life. With up to 7 flutes, the Vardex multi-flute geometry is around 40% faster and can offer superior tool life compared to standard thread mills.

Available in 2xD & 2.5xD lengths.



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## HELICAL FLUTE

With 45° Chamfer

TNF coated thread mills with 45° chamfer to produce thread and chamfer in 1 hit. For general thread milling of steel, stainless steel, HRSA's, cast iron and non-ferrous materials.



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## HELICAL FLUTE

For Hardened Steel

TX coated thread mills for high performance thread milling of hardened steel between HRC45-65.

Featuring an additional flute to standard thread mills & a special coating designed specifically for hardened steel.



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## THRILLER

Drill, Chamfer & Thread

Special 'Thriller' design for drilling, chamfering and thread milling with 1 tool.

2 flute polished design ideal for aluminium or soft steel.



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## HCN HELICAL FLUTE

Relieved Neck

Long reach helical flute carbide thread mill with a relieved neck for deep hole thread milling applications.

Available in 3xD lengths.



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## MINIATURE STYLE

With 3 Teeth

Small diameter thread mills for general thread milling of steel, stainless steel, HRSA's, cast iron & non-ferrous materials. Available in 2xD or 3xD lengths in general geometry or hardened steel type.



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## TPDR

Simultaneous Drilling & Threading

Special geometry thread mills which simultaneously drill and thread at the same time and finish with a chamfering operation. Ideal for live tooling lathes or CNC mills with limited space in the tool changers.



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## LONG REACH

1 Tooth Style

Single tooth thread mills for general thread milling of steel, stainless steel, HRSA's, cast iron and non-ferrous materials. Available in 3xD lengths.



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## MACH TM

Supersonic High Feed Thread Milling

High feed type with double the feed of standard thread mills. Machining time reduced by up to 60%. TiCN PVD coating to increase tool life by up to 25%



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