

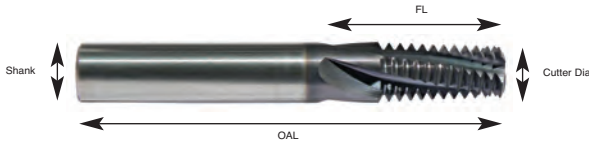
Merlin Tools Ltd



**Solid Carbide
Thread Mills**

**NEW
PRODUCT**

Solid Carbide Thread Mills - *AlTiN* Coated



Tolerance Shank h6
Tolerance Cutting h10

Ultra High Performance Solid Carbide - K20/25 - *AlTiN* Coated Thread Mill Spiral Flute - 15° Helix - UN - Unified Range

UNF (940 series)

MIN THREAD DIA/PITCH	CUTTER DIA	CUT LENGTH	SHANK DIA	OAL	PART NUMBER	No OF FLUTES	No OF THREADS
8-36	3.05	6.35	6	63	940-00705	3	9
10-32	3.55	7.14	6	63	940-00707	3	9
12-28	4.05	8.15	6	63	940-00708	3	9
1/4-28	4.60	10.87	6	63	940-00709	3	12
5/16-24	5.80	14.81	6	63	940-00710	3	14
3/8-24	7.50	15.88	8	75	940-00711	4	15
7/16, 1/2-20	8.75	21.59	10	80	940-00713	4	17
9/16-18	11.30	23.98	12	80	940-00714	4	17
5/8-18	11.90	28.22	12	80	940-00715	4	20
3/4-16	13.90	31.75	14	80	940-00716	4	20
7/8-14	15.90	36.27	16	89	940-00717	4	20
1-12	19.20	38.10	20	100	940-00718	4	18

Extremely Competitive Pricing

UNC (950 series)

MIN THREAD DIA/PITCH	CUTTER DIA	CUT LENGTH	SHANK DIA	OAL	PART NUMBER	No OF FLUTES	No OF THREADS
4-40	2.05	4.45	6	63	950-00704	2	7
6-32	2.30	5.54	6	63	950-00705	3	7
8-32	3.05	6.35	6	63	950-00706	3	8
10-24	3.55	7.42	6	63	950-00707	3	7
12-24	4.05	8.46	6	63	950-00709	3	8
1/4-20	4.40	10.16	6	63	950-00710	3	8
5/16-18	5.80	14.27	6	63	950-00711	3	9
3/8-16	7.20	15.88	8	75	950-00712	4	10
7/16-14	8.75	18.14	10	80	950-00713	4	10
1/2-13	9.40	21.49	10	80	950-00714	4	11
9/16-12	11.30	23.27	12	80	950-00715	4	11
5/8-11	11.90	27.69	12	80	950-00716	4	12
3/4-10	13.90	30.48	14	80	950-00717	4	12
7/8-9	15.90	36.68	16	89	950-00718	4	13
1-8	19.20	38.10	20	100	950-00719	4	12

Ex Stock Delivery on All Tools

Ultra High Performance Solid Carbide - K20/25 - *AlTiN* Coated Thread Mill Spiral Flute - 15° Helix - ISO Metric Range

MF (960 series)

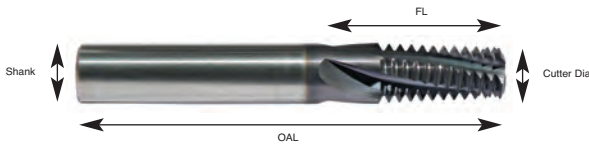
MIN THREAD DIA/PITCH	CUTTER DIA	CUT LENGTH	SHANK DIA	OAL	PART NUMBER	No OF FLUTES	No OF THREADS
M6-.75	4.50	10.50	6	63	960-10110	3	14
M8-1.00	5.90	13.00	6	63	960-10112	3	13
M10-1.25	7.80	16.25	8	75	960-10114	4	13
M12-1.25	9.40	18.75	10	80	960-10116	4	15
M14-1.50	9.90	25.50	10	80	960-10118	4	17
M16-1.50	11.90	28.50	12	80	960-10120	4	19
M20 M22-1.50	15.90	42.00	16	89	960-10124	4	28

MC (970 series)

MIN THREAD DIA/PITCH	CUTTER DIA	CUT LENGTH	SHANK DIA	OAL	PART NUMBER	No OF FLUTES	No OF THREADS
M3-.50	2.25	4.50	6	63	970-10105	3	9
M3.5-.60	2.60	5.40	6	63	970-10106	3	9
M4-.70	2.92	6.30	6	63	970-10107	3	9
M4.5-.75	3.30	7.50	6	63	970-10108	3	10
M5-.80	3.70	8.00	6	63	970-10109	3	10
M6-1.00	4.50	10.00	6	63	970-10110	3	10
M8-1.25	5.90	13.75	6	63	970-10112	3	11
M10-1.50	7.80	16.50	8	75	970-10114	4	11
M12-1.75	9.40	21.00	10	80	970-10116	4	12
M14-2.00	9.90	26.00	10	80	970-10118	4	13
M16-2.00	11.90	28.00	12	80	970-10120	4	14
M18-2.50	13.50	30.00	14	80	970-10122	4	12
M20-2.50	15.25	35.00	16	89	970-10124	4	14
M24-3.00	18.20	39.00	20	100	970-10126	4	13



Solid Carbide Thread Mills - *AlTiN* Coated



Tolerance Shank h6
Tolerance Cutting h10

**Ultra High Performance Solid Carbide - K20/25- *AlTiN* Coated Thread Mill
Spiral Flute - 15° Helix - NPT/NPTF Range**

NPT (920 series)

MIN THREAD DIA/PITCH	CUTTER DIA	CUT LENGTH	SHANK DIA	OAL	PART NUMBER	No OF FLUTES	No OF THREADS
1/16-27	5.90	9.40	6	63	920-00604	3	10
1/8-27	7.60	14.10	8	75	920-00608	4	15
1/4,3/8-18	9.15	15.52	10	80	920-00616	4	11
1/2-14	11.90	21.77	12	80	920-00632	4	12
1-11.5	15.90	28.70	16	100	920-00664	4	13
2.5-8	19.90	38.10	20	100	920-00684	4	12

Extremely Competitive Pricing

NPTF (930 series)

MIN THREAD DIA/PITCH	CUTTER DIA	CUT LENGTH	SHANK DIA	OAL	PART NUMBER	No OF FLUTES	No OF THREADS
1/16-27	5.90	9.40	6	63	930-00604	3	10
1/8-27	7.60	14.10	8	75	930-00608	4	15
1/4-18	9.15	15.52	10	80	930-00616	4	11
3/8-18	10.80	18.34	12	80	930-00624	4	13
1/2-14	11.90	21.77	12	80	930-00632	4	12
1-11.5	15.90	28.70	16	100	930-00664	4	13
2.5-8	19.90	38.10	20	100	930-00684	4	12

Ex Stock Delivery on All Tools

Technical Information Solid Carbide Thread Mills - *AlTiN* Coated

Material	Feed mm/ per Flute by Shank Diameter						
	SMPM	6mm	8mm	10mm	12mm	16mm	20mm
Specification	SMPM	6mm	8mm	10mm	12mm	16mm	20mm
Steel	75-180	0.013	0.015	0.018	0.025	0.038	0.045
Stainless Steel	45-150	0.013	0.015	0.018	0.025	0.038	0.045
Aluminium	250+	0.02	0.03	0.038	0.05	0.064	0.075
Titanium	25-40	0.01	0.013	0.018	0.018	0.02	0.02
Brass	150-250	0.02	0.03	0.038	0.05	0.064	0.075
Cast Iron	75-150	0.013	0.018	0.018	0.025	0.038	0.045

Ultra High Performance for Aluminum

Extremely Competitive Pricing

Ex Stock Delivery on All Tools

Merlin

Contact our Sales Office for details on
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