

HIGH PERFORMANCE REDUCED NECK - SPIRAL POINT TAPS

Machine Screw / Fractional & **METRIC** - Magnum Super Premium

Type 29-ACN - Titanium Carbon Nitride

Type 29-ALN - Titanium Aluminum Nitride

- **Titanium Carbon Nitride** - TiCN coating that is harder than TiN coating resulting in longer tool life and enhanced performance.
- Designed for use in multiple applications.

Titanium Aluminum Nitride - TiAlN coating provides extreme toughness, recommended for high temperature operations and difficult to machine materials.

- Designed for hardened steels and cast iron up to 45 Rockwell C.



TiCN Coating

Titanium Carbon Nitride (TiCN) Hi productivity when threading stainless steel, nickel and aluminum for use in multiple applications



TiAlN Coating

Titanium Aluminum Nitride (TiAlN) ideal for threading hard materials designed for hardened steels and cast iron up to 45 Rockwell C.

TiCN COATING

Part #	Size	# of Flutes	H Limits	Qty. per /pack
31001	2-56	2	H2	3
31011	3-48	2	H2	3
31021	4-40	2	H2	3
31031	4-48	2	H2	3
31041	5-40	2	H2	3
31051	5-44	2	H2	3
31061	6-32	3	H3	3
31071	6-40	3	H2	3
31081	8-32	2	H3	3
31091	8-32A	3	H3	3
31101	8-36	2	H2	3
31111	8-36A	3	H2	3
31121	10-24	2	H3	3
31131	10-24A	3	H3	3
31141	10-32	2	H3	3
31151	10-32A	3	H3	3
31161	12-24	2	H3	3
31171	12-24A	3	H3	3
31181	12-28	2	H3	3

TYPE 29-ACN

Part #	Size	# of Flutes	H Limits	Qty. per /pack
31191	12-28A	3	H3	3
31201	1/4-20	2	H3	3
31211	1/4-20A	3	H3	3
31221	1/4-28	2	H3	3
31231	1/4-28A	3	H2	3
31241	5/16-18	2	H3	3
31251	5/16-18A	3	H3	3
31261	5/16-24	2	H3	3
31271	5/16-24A	3	H2	3
31281	3/8-16	3	H3	3
31291	3/8-24	3	H3	3
31301	7/16-14	3	H3	3
31311	7/16-20	3	H3	3
31321	1/2-13	3	H3	3
31331	1/2-20	3	H3	3
31341	9/16-12	3	H3	1
31351	9/16-18	3	H3	1
31361	5/8-11	3	H3	1

Part #	Size	# of Flutes	H Limits	Qty. per /pack
31371	5/8-18	3	H3	1
31381	3/4-10	3	H3	1
31391	3/4-16	3	H3	1
31401	7/8-9	3	H3	1
31411	7/8-14	3	H3	1
31421	1-8	3	H3	1
31431	1-14	3	H3	1

METRIC

Part#	Size	# of Flutes	PD Limits	Qty. per /pack
31441	3-.50	2	D3	3
31451	4-.70	3	D4	3
31461	5-.80	3	D4	3
31471	6-1.00	3	D5	3
31481	8-1.25	3	D5	3
31491	10-1.50	3	D6	3
31501	12-1.75	3	D6	3
31511	14-2.00	3	D7	1
31521	16-2.00	3	D7	1

TiAlN COATING

Part #	Size	# of Flutes	H Limits	Qty. per /pack
56301	2-56	2	H2	3
56311	3-48	2	H2	3
56321	4-40	2	H2	3
56331	4-48	2	H2	3
56341	5-40	2	H2	3
56351	5-44	2	H2	3
56361	6-32	3	H3	3
56371	6-40	3	H2	3
56381	8-32	2	H3	3
56391	8-32A	3	H3	3
56401	8-36	2	H2	3
56411	8-36A	3	H2	3
56421	10-24	2	H3	3
56431	10-24A	3	H3	3
56441	10-32	2	H3	3
56451	10-32A	3	H3	3
56461	12-24	2	H3	3
56471	12-24A	3	H3	3

TYPE 29-ALN

Part #	Size	# of Flutes	H Limits	Qty. per /pack
56481	12-28	2	H3	3
56491	12-28A	3	H3	3
56501	1/4-20	2	H3	3
56511	1/4-20A	3	H3	3
56521	1/4-28	2	H3	3
56531	1/4-28A	3	H2	3
56541	5/16-18	2	H3	3
56551	5/16-18A	3	H3	3
56561	5/16-24	2	H3	3
56571	5/16-24A	3	H2	3
56581	3/8-16	3	H3	3
56591	3/8-24	3	H3	3
56601	7/16-14	3	H3	3
56611	7/16-20	3	H3	3
56621	1/2-13	3	H3	3
56631	1/2-20	3	H3	3
56641	9/16-12	3	H3	1
56651	9/16-18	3	H3	1
56661	5/8-11	3	H3	1

Part #	Size	# of Flutes	H Limits	Qty. per /pack
56671	5/8-18	3	H3	1
56681	3/4-10	3	H3	1
56691	3/4-16	3	H3	1
56701	7/8-9	3	H3	1
56711	7/8-14	3	H3	1
56721	1-8	3	H3	1
56731	1-14	3	H3	1

METRIC

Part#	Size	# of Flutes	PD Limits	Qty. per /pack
56741	3-.50	2	D3	3
56751	4-.70	3	D4	3
56761	5-.80	3	D4	3
56771	6-1.00	3	D5	3
56781	8-1.25	3	D5	3
56791	10-1.50	3	D6	3
56801	12-1.75	3	D6	3
56811	14-2.00	3	D7	1
56821	16-2.00	3	D7	1