

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					TYPE 29-ACN									
Part #	Size	# of Flutes	H Limits	Qty. per /pack	Part #	Size	# of Flutes	H Limits	Qty. per /pack	Part #	Size	# of Flutes	H Limits	Qty. per /pack
31001	2-56	2	H2	3	31191	12-28A	3	H3	3	31371	5/8-18	3	H3	1
31011	3-48	2	H2	3	31201	1/4-20	2	H3	3	31381	3/4-10	3	H3	1
31021	4-40	2	H2	3	31211	1/4-20A	3	H3	3	31391	3/4-16	3	H3	1
31031	4-48	2	H2	3	31221	1/4-28	2	H3	3	31401	7/8-9	3	H3	1
31041	5-40	2	H2	3	31231	1/4-28A	3	H2	3	31411	7/8-14	3	H3	1
31051	5-44	2	H2	3	31241	5/16-18	2	H3	3	31421	1-8	3	H3	1
31061	6-32	3	H3	3	31251	5/16-18A	3	H3	3	31431	1-14	3	H3	1
31071	6-40	3	H2	3	31261	5/16-24	2	H3	3	METRIC				
31081	8-32	2	H3	3	31271	5/16-24A	3	H2	3	Part#	Size	# of Flutes	PD Limits	Qty. per /pack
31091	8-32A	3	H3	3	31281	3/8-16	3	H3	3	31441	3-.50	2	D3	3
31101	8-36	2	H2	3	31291	3/8-24	3	H3	3	31451	4-.70	3	D4	3
31111	8-36A	3	H2	3	31301	7/16-14	3	H3	3	31461	5-.80	3	D4	3
31121	10-24	2	H3	3	31311	7/16-20	3	H3	3	31471	6-1.00	3	D5	3
31131	10-24A	3	H3	3	31321	1/2-13	3	H3	3	31481	8-1.25	3	D5	3
31141	10-32	2	H3	3	31331	1/2-20	3	H3	3	31491	10-1.50	3	D6	3
31151	10-32A	3	H3	3	31341	9/16-12	3	H3	1	31501	12-1.75	3	D6	3
31161	12-24	2	H3	3	31351	9/16-18	3	H3	1	31511	14-2.00	3	D7	1
31171	12-24A	3	H3	3	31361	5/8-11	3	H3	1	31521	16-2.00	3	D7	1
31181	12-28	2	H3	3										
TiAlN COATING					TYPE 29-ALN									
Part #	Size	# of Flutes	H Limits	Qty. per /pack	Part #	Size	# of Flutes	H Limits	Qty. per /pack	Part #	Size	# of Flutes	H Limits	Qty. per /pack
56301	2-56	2	H2	3	56481	12-28	2	H3	3	56671	5/8-18	3	H3	1
56311	3-48	2	H2	3	56491	12-28A	3	H3	3	56681	3/4-10	3	H3	1
56321	4-40	2	H2	3	56501	1/4-20	2	H3	3	56691	3/4-16	3	H3	1
56331	4-48	2	H2	3	56511	1/4-20A	3	H3	3	56701	7/8-9	3	H3	1
56341	5-40	2	H2	3	56521	1/4-28	2	H3	3	56711	7/8-14	3	H3	1
56351	5-44	2	H2	3	56531	1/4-28A	3	H2	3	56721	1-8	3	H3	1
56361	6-32	3	H3	3	56541	5/16-18	2	H3	3	56731	1-14	3	H3	1
56371	6-40	3	H2	3	56551	5/16-18A	3	H3	3	METRIC				
56381	8-32	2	H3	3	56561	5/16-24	2	H3	3	Part#	Size	# of Flutes	PD Limits	Qty. per /pack
56391	8-32A	3	H3	3	56571	5/16-24A	3	H2	3	56741	3-.50	2	D3	3
56401	8-36	2	H2	3	56581	3/8-16	3	H3	3	56751	4-.70	3	D4	3
56411	8-36A	3	H2	3	56591	3/8-24	3	H3	3	56761	5-.80	3	D4	3
56421	10-24	2	H3	3	56601	7/16-14	3	H3	3	56771	6-1.00	3	D5	3
56431	10-24A	3	H3	3	56611	7/16-20	3	H3	3	56781	8-1.25	3	D5	3
56441	10-32	2	H3	3	56621	1/2-13	3	H3	3	56791	10-1.50	3	D6	3
56451	10-32A	3	H3	3	56631	1/2-20	3	H3	3	56801	12-1.75	3	D6	3
56461	12-24	2	H3	3	56641	9/16-12	3	H3	1	56811	14-2.00	3	D7	1
56471	12-24A	3	H3	3	56651	9/16-18	3	H3	1	56821	16-2.00	3	D7	1
					56661	5/8-11	3	H3	1					