

## 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	<b>METRIC</b>				
31081	8-32	2	H3	3	31271	5/16-24A	3	H2	3					
31091	8-32A	3	H3	3	31281	3/8-16	3	H3	3	<b>Part#</b>	<b>Size</b>	<b># of Flutes</b>	<b>PD Limits</b>	<b>Qty. per /pack</b>
31101	8-36	2	H2	3	31291	3/8-24	3	H3	3	31441	3-.50	2	D3	3
31111	8-36A	3	H2	3	31301	7/16-14	3	H3	3	31451	4-.70	3	D4	3
31121	10-24	2	H3	3	31311	7/16-20	3	H3	3	31461	5-.80	3	D4	3
31131	10-24A	3	H3	3	31321	1/2-13	3	H3	3	31471	6-1.00	3	D5	3
31141	10-32	2	H3	3	31331	1/2-20	3	H3	3	31481	8-1.25	3	D5	3
31151	10-32A	3	H3	3	31341	9/16-12	3	H3	1	31491	10-1.50	3	D6	3
31161	12-24	2	H3	3	31351	9/16-18	3	H3	1	31501	12-1.75	3	D6	3
31171	12-24A	3	H3	3	31361	5/8-11	3	H3	1	31511	14-2.00	3	D7	1
31181	12-28	2	H3	3						31521	16-2.00	3	D7	1
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	<b>METRIC</b>				
56381	8-32	2	H3	3	56561	5/16-24	2	H3	3					
56391	8-32A	3	H3	3	56571	5/16-24A	3	H2	3	<b>Part#</b>	<b>Size</b>	<b># of Flutes</b>	<b>PD Limits</b>	<b>Qty. per /pack</b>
56401	8-36	2	H2	3	56581	3/8-16	3	H3	3	56741	3-.50	2	D3	3
56411	8-36A	3	H2	3	56591	3/8-24	3	H3	3	56751	4-.70	3	D4	3
56421	10-24	2	H3	3	56601	7/16-14	3	H3	3	56761	5-.80	3	D4	3
56431	10-24A	3	H3	3	56611	7/16-20	3	H3	3	56771	6-1.00	3	D5	3
56441	10-32	2	H3	3	56621	1/2-13	3	H3	3	56781	8-1.25	3	D5	3
56451	10-32A	3	H3	3	56631	1/2-20	3	H3	3	56791	10-1.50	3	D6	3
56461	12-24	2	H3	3	56641	9/16-12	3	H3	1	56801	12-1.75	3	D6	3
56471	12-24A	3	H3	3	56651	9/16-18	3	H3	1	56811	14-2.00	3	D7	1
					56661	5/8-11	3	H3	1	56821	16-2.00	3	D7	1