

Oversize ShearTap™

Taraud surdimensionné

Machuelo de roscar extra grande

“ShearTap” offers exceptional value for high volume production tapping in carbon steels, and stainless steels up to 35 Rc Hardness

Steam Oxide Over Nitride resists chip welding, increases lubricity and helps to retain cutting fluid. **TiN Coating** increases hardness and lubricity for improved thread quality, higher speeds and longer tool life.

CNC Reduced Neck Design

SIZE	THREAD TYPE	PITCH DIA. LIMIT	Spiral Point		Spiral Flute	
			SURFACE TREATED EDP NO.	TIN COATED EDP NO.	SURFACE TREATED EDP NO.	TIN COATED EDP NO.
6-32	NC	H7	34542	94542	34592	94592
8-32	NC	H7	34544	94544	34594	94594
10-24	NC	H7	34546	94546	34596	94596
10-32	NF	H7	34548	94548	34598	94598
1/4-20	NC	H7	34550	94550	34600	94600
1/4-20	NC	H11	34551	94551	34601	94601
1/4-28	NF	H7	34552	94552	34602	94602
1/4-28	NF	H11	34553	94553	34603	94603
5/16-18	NC	H7	34554	94554	34604	94604
5/16-18	NC	H11	34555	94555	34605	94605
5/16-24	NF	H7	34556	94556	34606	94606
5/16-24	NF	H11	34557	94557	34607	94607
3/8-16	NC	H7	34558	94558	34608	94608
3/8-16	NC	H11	34559	94559	34609	94609
3/8-24	NF	H7	34560	94560	34610	94610
3/8-24	NF	H11	34561	94561	34611	94611
7/16-14	NC	H11	34563	94563	34613	94613
7/16-20	NF	H11	34565	94565	34615	94615
1/2-13	NC	H11	34567	94567	34617	94617
1/2-20	NF	H11	34569	94569	34619	94619
9/16-12	NC	H11	34571	94571	34621	94621
9/16-18	NF	H11	34573	94573	34623	94623
5/8-11	NC	H11	34575	94575	34625	94625
5/8-18	NF	H11	34577	94577	34627	94627
3/4-10	NC	H11	34579	94579	34629	94629
3/4-16	NF	H11	34581	94581	34631	94631
7/8-9	NC	H11	34583	94583	34633	94633
7/8-14	NF	H11	34585	94585	34635	94635
1-8	NC	H11	34587	94587	34637	94637
1-12	NF	H11	34589	94589	34639	94639
METRIC						
M3 x 0.5		H7	34670	94670	34680	94690
M4 x 0.7		H7	34671	94671	34681	94691
M5 x 0.8		H7	34672	94672	34682	94692
M6 x 1		H11	34673	94673	34683	94693
M8 x 1.25		H11	34674	94674	34684	94694
M10 x 1.5		H11	34675	94675	34685	94695
M12 x 1.75		H11	34676	94676	34686	94696

Oversize taps are mainly used for parts that will be plated or heat treated after tapping. Also used in materials that tend to shrink after tapping.

PITCH DIA. LIMIT	AMOUNT LARGER THAN BASIC PITCH DIA.
H7	.0030"-.0035"
H11	.0050"-.0055"

Spiral Point Plug Style

Primarily designed for tapping through holes. The spiral point forces the chips ahead of the tap.



Inch

List No. 2090 — Steam Oxide Over Nitride

List No. 2090G — TiN Coated

Metric

List No. 2090M — Steam Oxide Over Nitride

List No. 2090G — TiN Coated

Spiral Flute Semi-Bottoming Style 48° Helix Angle

Primarily designed for tapping blind holes. The spiral flutes draw the chips out of the hole.



Inch

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Metric

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List No. 2091G — TiN Coated