

Spiral Point HPT High Performance Taps For Aluminum Plug Style

Taraud à haut rendement

Machuelo de alto rendimiento

Recommended for all types of aluminum alloys.

Premium Powder Metallurgy High Speed Steel
Bright Finish and CrN (Chromium Nitride) Coated
Semi-Interrupted Thread (3-Flute taps only)



List No. 2092 Bright Finish

List No. 2092S

CrN - Chromium Nitride Coated

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

CNC Reduced Neck Design

SIZE	TPI		NO. OF THREAD		NECK		OAL	BRIGHT FINISH					CRN COATED				
	UNC	UNF	FLUTES	LENGTH	LENGTH			H1	H2	H3	H4	H5	H1	H2	H3	H4	H5
4	40	—	2	5/16	1/4	17/8	—	30000	—	—	—	—	—	60700	—	—	—
4	—	48	2	5/16	1/4	17/8	30001	30002	—	—	—	60701	60702	—	—	—	
5	40	—	2	5/16	5/16	1 15/16	—	30003	—	—	—	—	60703	—	—	—	
6	32	—	2	3/8	5/16	2	—	30004	30005	—	—	—	60704	60705	—	—	
6	—	40	2	3/8	5/16	2	—	30006	—	—	—	—	60706	—	—	—	
8	32	—	3	3/8	3/8	2 1/8	—	30007	30008	—	—	—	60707	60708	—	—	
8	—	36	3	3/8	3/8	2 1/8	—	30009	—	—	—	—	60709	—	—	—	
10	24	—	3	1/2	3/8	2 3/8	—	—	30010	—	—	—	—	60710	—	—	
10	—	32	3	1/2	3/8	2 3/8	—	30011	30012	—	—	—	60711	60712	—	—	
1 1/4	20	—	3	5/8	3/8	2 1/2	—	—	30013	—	30014	—	—	60713	—	60714	
1 1/4	—	28	3	5/8	3/8	2 1/2	—	—	30015	30016	—	—	—	60715	60716	—	
5/16	18	—	3	1 1/16	7/16	2 23/32	—	—	30017	—	30018	—	—	60717	—	60718	
5/16	—	24	3	1 1/16	7/16	2 23/32	—	—	30019	30020	—	—	—	60719	60720	—	
3/8	16	—	3	3/4	1/2	2 15/16	—	—	30021	—	30022	—	—	60721	—	60722	
3/8	—	24	3	3/4	1/2	2 15/16	—	—	30023	30024	—	—	—	60723	60724	—	
7/16	14	—	3	7/8	9/16	3 5/32	—	—	30025	—	30026	—	—	60725	—	60726	
7/16	—	20	3	7/8	9/16	3 5/32	—	—	30027	—	30028	—	—	60727	—	60728	
1/2	13	—	3	1 5/16	23/32	3 3/8	—	—	30029	—	30030	—	—	60729	—	60730	
1/2	—	20	3	1 5/16	23/32	3 3/8	—	—	30031	—	30032	—	—	60731	—	60732	

Semi-Interrupted Thread on 3-Flute Taps Only

Metric

List No. 2092M Bright Finish

List No. 2092MS CrN - Chromium Nitride Coated

Coolant-Through Available

Morse Taps Can Be Provided With Coolant Holes For Through Coolant Capability. Contact Morse Cutting Tools For Assistance.

SIZE	PITCH	PITCH DIA. LIMIT	NO. OF FLUTES	THREAD LENGTH	NECK LENGTH	OAL	BRIGHT FINISH		CRN COATED	
							LIST NO. 2092M EDP NO.	LIST NO. 2092MS EDP NO.	LIST NO. 2092MS EDP NO.	LIST NO. 2092MS EDP NO.
M3	0.5	D3	2	5/16	5/16	1 15/16	30050	—	60750	—
M4	0.7	D4	3	3/8	3/8	2 1/8	30051	—	60751	—
M5	0.8	D4	3	1/2	3/8	2 3/8	30052	—	60752	—
M6	1.0	D5	3	5/8	3/8	2 1/2	30053	—	60753	—
M8	1.0	D5	3	1 1/16	7/16	2 23/32	30054	—	60754	—
M8	1.25	D5	3	1 1/16	7/16	2 23/32	30055	—	60755	—
M10	1.5	D6	3	3/4	1/2	2 5/16	30056	—	60756	—
M12	1.5	D5	3	1 5/16	23/32	3 3/8	30057	—	60757	—
M12	1.75	D6	3	1 5/16	23/32	3 3/8	30058	—	60758	—

Semi-Interrupted Thread on 3-Flute Taps Only

Spiral Flute HPT High Performance Taps For Aluminum

Taraud à haut rendement

Machuelo de alto rendimiento

CNC Reduced Neck Design



Semi-Bottoming Style

Recommended for all types of aluminum alloys.

Premium Powder Metallurgy High Speed Steel
Bright Finish and CrN (Chromium Nitride) Coated
Semi-Interrupted Thread (3-Flute taps only).

List No. 2093 Bright Finish

List No. 2093S

CrN - Chromium Nitride Coated

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

SIZE	TPI		NO. OF FLUTES	THREAD LENGTH	NECK LENGTH	OAL	BRIGHT FINISH LIST NO. 2093					CRN COATED LIST NO. 2093S					
	UNC	UNF					H1	H2	H3	H4	H5	H1	H2	H3	H4	H5	
4	40	—	2	1 ⁵ / ₆₄	2 ¹ / ₆₄	1 ⁷ / ₈	—	30070	—	—	—	—	—	60770	—	—	—
4	—	48	2	1 ⁵ / ₆₄	2 ¹ / ₆₄	1 ⁷ / ₈	30071	30072	—	—	—	—	60771	60772	—	—	—
5	40	—	2	1 ⁵ / ₆₄	2 ⁵ / ₆₄	1 ¹⁵ / ₁₆	—	30073	—	—	—	—	—	60773	—	—	—
6	32	—	2	1 ⁵ / ₆₄	2 ⁹ / ₆₄	2	—	30074	30075	—	—	—	—	60774	60775	—	—
6	—	40	2	1 ⁵ / ₆₄	2 ⁹ / ₆₄	2	—	30076	—	—	—	—	—	60776	—	—	—
8	32	—	2	1 ⁵ / ₆₄	3 ³ / ₆₄	2 ¹ / ₈	—	30077	30078	—	—	—	—	60777	60778	—	—
8	—	36	2	1 ⁵ / ₆₄	3 ³ / ₆₄	2 ¹ / ₈	—	30079	—	—	—	—	—	60779	—	—	—
10	24	—	2	1 ¹ / ₃₂	1 ⁷ / ₃₂	2 ³ / ₈	—	—	30080	—	—	—	—	—	60780	—	—
10	—	32	2	1 ¹ / ₃₂	1 ⁷ / ₃₂	2 ³ / ₈	—	30081	30082	—	—	—	—	60781	60782	—	—
1/4	20	—	2	7/16	9/16	2 ¹ / ₂	—	—	30083	—	30084	—	—	—	60783	—	60784
1/4	—	28	2	7/16	9/16	2 ¹ / ₂	—	—	30085	30086	—	—	—	—	60785	60786	—
5/16	18	—	2	1 ⁵ / ₃₂	2 ¹ / ₃₂	2 ²³ / ₃₂	—	—	30087	—	30088	—	—	—	60787	—	60788
5/16	—	24	2	1 ⁵ / ₃₂	2 ¹ / ₃₂	2 ²³ / ₃₂	—	—	30089	30090	—	—	—	—	60789	60790	—
3/8	16	—	2	3 ⁵ / ₆₄	4 ⁵ / ₆₄	2 ¹⁵ / ₁₆	—	—	30091	—	30092	—	—	—	60791	—	60792
3/8	—	24	2	3 ⁵ / ₆₄	4 ⁵ / ₆₄	2 ¹⁵ / ₁₆	—	—	30093	30094	—	—	—	—	60793	60794	—
7/16	14	—	3	1 ⁹ / ₃₂	2 ⁷ / ₃₂	3 ⁵ / ₃₂	—	—	30095	—	30096	—	—	—	60795	—	60796
7/16	—	20	3	1 ⁹ / ₃₂	2 ⁷ / ₃₂	3 ⁵ / ₃₂	—	—	30097	—	30098	—	—	—	60797	—	60798
1/2	13	—	3	5/8	1 ¹ / ₃₂	3 ³ / ₈	—	—	30099	—	30100	—	—	—	60799	—	60800
1/2	—	20	3	5/8	1 ¹ / ₃₂	3 ³ / ₈	—	—	30101	—	30102	—	—	—	60801	—	60802

Semi-Interrupted Thread on 3-Flute Taps Only

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Metric

List No. 2093M Bright Finish

List No. 2093MS CrN - Chromium Nitride Coated

SIZE	PITCH	PITCH DIA. LIMIT	NO. OF FLUTES	THREAD LENGTH	NECK LENGTH	OAL	BRIGHT FINISH LIST NO. 2093M		CRN COATED LIST NO. 2093MS	
							EDP NO.	EDP NO.	EDP NO.	EDP NO.
M3	0.5	D3	2	1 ⁵ / ₆₄	2 ⁵ / ₆₄	1 ¹⁵ / ₁₆	30120	—	60820	—
M4	0.7	D4	2	1 ⁵ / ₆₄	3 ³ / ₆₄	2 ¹ / ₈	30121	—	60821	—
M5	0.8	D4	2	2 ³ / ₆₄	1 ⁷ / ₃₂	2 ³ / ₈	30122	—	60822	—
M6	1.0	D5	2	7/16	9/16	2 ¹ / ₂	30123	—	60823	—
M8	1.0	D5	2	1 ⁵ / ₃₂	2 ¹ / ₃₂	2 ²³ / ₃₂	30124	—	60824	—
M8	1.25	D5	2	1 ⁵ / ₃₂	2 ¹ / ₃₂	2 ²³ / ₃₂	30125	—	60825	—
M10	1.5	D6	2	3 ⁵ / ₆₄	1 ¹ / ₁₆	2 ¹⁵ / ₁₆	30126	—	60826	—
M12	1.5	D5	3	5/8	1 ¹ / ₆₄	3 ³ / ₈	30127	—	60827	—
M12	1.75	D6	3	5/8	1 ¹ / ₆₄	3 ³ / ₈	30128	—	60828	—

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HPT High Performance Taps