

# Spiral Point HPT High Performance Taps For Exotic Alloys

Taraud à haut rendement

Machuelo de alto rendimiento

CNC Reduced Neck Design

## Plug Style

Recommended for steels, steel alloys, stainless steels, titanium alloys, nickel and nickel base alloys, other exotic alloys and a wide variety of materials up to 32Rc hardness.

Premium Powder Metallurgy High Speed Steel Steam Oxide Finish and TiCN Coated



List No. 2095 Steam Oxide Finish

List No. 2095C

TiCN - Titanium Carbonitride Coated

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

SIZE	TPI		NO. OF FLUTES	THREAD LENGTH	NECK LENGTH	OAL	STEAM OXIDE FINISH LIST NO. 2095				TiCN COATED		LIST NO. 2095C	
	UNC	UNF					H2	H3	H4	H5	H2	H3	H4	H5
4	40	—	2	5/16	1/4	17/8	30200	—	—	—	60840	—	—	—
5	40	—	2	5/16	5/16	1 15/16	30201	—	—	—	60841	—	—	—
6	32	—	2	3/8	5/16	2	30202	30203	—	—	60842	60843	—	—
8	32	—	3	3/8	3/8	2 1/8	30204	30205	—	—	60844	60845	—	—
10	24	—	3	1/2	3/8	2 3/8	—	30206	—	—	—	60846	—	—
10	—	32	3	1/2	3/8	2 3/8	30208	30209	—	—	60848	60849	—	—
1/4	20	—	3	5/8	3/8	2 1/2	—	30210	—	30211	—	60850	—	60851
1/4	—	28	3	5/8	3/8	2 1/2	—	30212	30213	—	—	60852	60853	—
5/16	18	—	3	1 1/16	7/16	2 23/32	—	30214	—	30215	—	60854	—	60855
5/16	—	24	3	1 1/16	7/16	2 23/32	—	30216	30217	—	—	60856	60857	—
3/8	16	—	3	3/4	1/2	2 15/16	—	30218	—	30219	—	60858	—	60859
3/8	—	24	3	3/4	1/2	2 15/16	—	30220	30221	—	—	60860	60861	—
7/16	14	—	3	7/8	9/16	3 5/8	—	30222	—	30223	—	60862	—	60863
7/16	—	20	3	7/8	9/16	3 5/8	—	30224	—	30225	—	60864	—	60865
1/2	13	—	3	1 5/16	2 3/32	3 3/8	—	30226	—	30227	—	60866	—	60867
1/2	—	20	3	1 5/16	2 3/32	3 3/8	—	30228	—	30229	—	60868	—	60869
9/16	12	—	4	1	4 3/64	3 19/32	—	30230	—	30231	—	60870	—	60871
9/16	—	18	4	1	4 3/64	3 19/32	—	30232	—	30233	—	60872	—	60873
5/8	11	—	4	1 1/8	4 3/64	3 13/16	—	30234	—	30235	—	60874	—	60875
5/8	—	18	4	1 1/8	4 3/64	3 13/16	—	30236	—	30237	—	60876	—	60877
3/4	10	—	4	1 7/32	4 9/64	4 1/4	—	30238	—	30239	—	60878	—	60879
3/4	—	16	4	1 7/32	4 9/64	4 1/4	—	30240	—	30241	—	60880	—	60881

## Metric

List No. 2095M Steam Oxide Finish

List No. 2095MC TiCN - Titanium Carbonitride Coated

### Coolant-Through Available

Morse Taps Can Be Supplied With Through-Coolant Holes For Blind and Through-Hole Applications. Contact Morse Cutting Tools For Assistance.

SIZE	PITCH	PITCH DIA. LIMIT	NO. OF FLUTES	THREAD LENGTH	NECK LENGTH	OAL	STEAM OXIDE FINISH LIST NO. 2095M		TiCN COATED LIST NO. 2095MC	
							EDP NO.	EDP NO.	EDP NO.	EDP NO.
M3	0.5	D3	2	5/16	5/16	1 15/16	30260	—	60900	—
M4	0.7	D4	3	3/8	3/8	2 1/8	30261	—	60901	—
M5	0.8	D4	3	1/2	3/8	2 3/8	30262	—	60902	—
M6	1.0	D5	3	5/8	3/8	2 1/2	30263	—	60903	—
M8	1.0	D5	3	1 1/16	7/16	2 23/32	30264	—	60904	—
M8	1.25	D5	3	1 1/16	7/16	2 23/32	30265	—	60905	—
M10	1.5	D6	3	3/4	1/2	2 15/16	30266	—	60906	—
M12	1.5	D5	3	1 5/16	2 3/32	3 3/8	30267	—	60907	—
M12	1.75	D6	3	1 5/16	2 3/32	3 3/8	30268	—	60908	—

# Spiral Flute HPT High Performance Taps For Exotic Alloys Semi-Bottoming Style

Taraud à haut rendement

Machuelo de alto rendimiento

CNC Reduced Neck Design



Recommended for steels, steel alloys, stainless steels, titanium alloys, nickel and nickel base alloys, other exotic alloys and a wide variety of materials up to 32Rc hardness.

Premium Powder Metallurgy High Speed Steel Steam Oxide Finish and TiCN Coated

List No. 2096 Steam Oxide Finish

List No. 2096C

TiCN - Titanium Carbonitride 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	STEAM OXIDE FINISH LIST NO. 2096				TiCN COATED		LIST NO. 2096C			
	UNC	UNF					H2	H3	H4	H5	H2	H3	H4	H5		
4	40	—	3	1 <sup>5</sup> / <sub>64</sub>	2 <sup>1</sup> / <sub>64</sub>	1 <sup>7</sup> / <sub>8</sub>	30280	—	—	—	—	60920	—	—	—	—
5	40	—	3	1 <sup>5</sup> / <sub>64</sub>	2 <sup>5</sup> / <sub>64</sub>	1 <sup>15</sup> / <sub>16</sub>	30281	—	—	—	—	60921	—	—	—	—
6	32	—	3	1 <sup>5</sup> / <sub>64</sub>	2 <sup>9</sup> / <sub>64</sub>	2	30282	30283	—	—	—	60922	60923	—	—	—
8	32	—	3	1 <sup>5</sup> / <sub>64</sub>	3 <sup>3</sup> / <sub>64</sub>	2 <sup>1</sup> / <sub>8</sub>	30284	30285	—	—	—	60924	60925	—	—	—
10	24	—	3	2 <sup>3</sup> / <sub>64</sub>	1 <sup>7</sup> / <sub>32</sub>	2 <sup>3</sup> / <sub>8</sub>	—	30286	—	—	—	—	60926	—	—	—
10	—	32	3	2 <sup>3</sup> / <sub>64</sub>	1 <sup>7</sup> / <sub>32</sub>	2 <sup>3</sup> / <sub>8</sub>	30288	30289	—	—	—	60928	60929	—	—	—
1/4	20	—	3	7/16	9/16	2 1/2	—	30290	—	30291	—	—	60930	—	60931	—
1/4	—	28	3	7/16	9/16	2 1/2	—	30292	30293	—	—	—	60932	60933	—	—
5/16	18	—	3	1 <sup>5</sup> / <sub>32</sub>	2 <sup>1</sup> / <sub>32</sub>	2 <sup>23</sup> / <sub>32</sub>	—	30294	—	30295	—	—	60934	—	60935	—
5/16	—	24	3	1 <sup>5</sup> / <sub>32</sub>	2 <sup>1</sup> / <sub>32</sub>	2 <sup>23</sup> / <sub>32</sub>	—	30296	30297	—	—	—	60936	60937	—	—
3/8	16	—	3	3 <sup>5</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>16</sub>	2 <sup>15</sup> / <sub>16</sub>	—	30298	—	30299	—	—	60938	—	60939	—
3/8	—	24	3	3 <sup>5</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>16</sub>	2 <sup>15</sup> / <sub>16</sub>	—	30300	30301	—	—	—	60940	60941	—	—
7/16	14	—	3	1 <sup>9</sup> / <sub>32</sub>	2 <sup>7</sup> / <sub>32</sub>	3 <sup>5</sup> / <sub>32</sub>	—	30302	—	30303	—	—	60942	—	60943	—
7/16	—	20	3	1 <sup>9</sup> / <sub>32</sub>	2 <sup>7</sup> / <sub>32</sub>	3 <sup>5</sup> / <sub>32</sub>	—	30304	—	30305	—	—	60944	—	60945	—
1/2	13	—	3	5/8	1 1/64	3 3/8	—	30306	—	30307	—	—	60946	—	60947	—
1/2	—	20	3	5/8	1 1/64	3 3/8	—	30308	—	30309	—	—	60948	—	60949	—
9/16	12	—	3	1 <sup>1</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>64</sub>	3 <sup>19</sup> / <sub>32</sub>	—	30310	—	30311	—	—	60950	—	60951	—
9/16	—	18	3	1 <sup>1</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>64</sub>	3 <sup>19</sup> / <sub>32</sub>	—	30312	—	30313	—	—	60952	—	60953	—
5/8	11	—	3	3/4	1 <sup>3</sup> / <sub>64</sub>	3 <sup>13</sup> / <sub>16</sub>	—	30314	—	30315	—	—	60954	—	60955	—
5/8	—	18	3	3/4	1 <sup>3</sup> / <sub>64</sub>	3 <sup>13</sup> / <sub>16</sub>	—	30316	—	30317	—	—	60956	—	60957	—
3/4	10	—	3	1 <sup>3</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>32</sub>	4 1/4	—	30318	—	30319	—	—	60958	—	60959	—
3/4	—	16	3	1 <sup>3</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>32</sub>	4 1/4	—	30320	—	30321	—	—	60960	—	60961	—

## Metric

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List No. 2096M Steam Oxide Finish

List No. 2096MC TiCN - Titanium Carbonitride Coated

SIZE	PITCH	PITCH DIA. LIMIT	NO. OF FLUTES	THREAD LENGTH	NECK LENGTH	OAL	STEAM OXIDE FINISH LIST NO. 2096M		TiCN COATED LIST NO. 2096MC	
							EDP NO.	EDP NO.		
M3	0.5	D3	3	1 <sup>5</sup> / <sub>64</sub>	2 <sup>5</sup> / <sub>64</sub>	1 <sup>15</sup> / <sub>16</sub>	30340	—	60980	—
M4	0.7	D4	3	1 <sup>5</sup> / <sub>64</sub>	3 <sup>3</sup> / <sub>64</sub>	2 <sup>1</sup> / <sub>8</sub>	30341	—	60981	—
M5	0.8	D4	3	2 <sup>3</sup> / <sub>64</sub>	1 <sup>7</sup> / <sub>32</sub>	2 <sup>3</sup> / <sub>8</sub>	30342	—	60982	—
M6	1.0	D5	3	7/16	9/16	2 1/2	30343	—	60983	—
M8	1.0	D5	3	1 <sup>5</sup> / <sub>32</sub>	2 <sup>1</sup> / <sub>32</sub>	2 <sup>23</sup> / <sub>32</sub>	30344	—	60984	—
M8	1.25	D5	3	1 <sup>5</sup> / <sub>32</sub>	2 <sup>1</sup> / <sub>32</sub>	2 <sup>23</sup> / <sub>32</sub>	30345	—	60985	—
M10	1.5	D6	3	3 <sup>5</sup> / <sub>64</sub>	1 <sup>1</sup> / <sub>16</sub>	2 <sup>15</sup> / <sub>16</sub>	30346	—	60986	—
M12	1.5	D5	3	5/8	1 1/64	3 3/8	30347	—	60987	—
M12	1.75	D6	3	5/8	1 1/64	3 3/8	30348	—	60988	—

HPT High Performance Taps