

TAPS & CONTROL GAUGES

TAPS

AMECA taps are suitable for blind and through holes. Checking all tapings with the corresponding control gauges is recommended.

Rough tap Manual or machine for through holes and blind holes. For sizes larger than M24, we recommend using this before using the finishing tap.



Finishing tap Manual or machine for through holes and blind holes. For diameters larger than M24 or for use in hard materials, this is used after the rough tap.



Gun tap machine for through holes, ideal for forward chip removal.



Helical fluted tap Machine for blind holes, ideal for chip removal as well as for ductile materials.



AMECA taps are designed for machining in standard materials with a hardness of 21 HCR or less. Consult us for other applications.

CONTROL GAUGE

The double-threaded control gauge F/R (5H metric/3B imperial) makes it possible to check the tapping before installing the AMECOIL Wire Thread Insert.



Metric

METRIC Ø x Wire Thread Insert pitch		Reference	Control pads GO/NO GO References
M 2 x 40	Rough tap	080102040	0602040
	Finisher	080202040	
	Gun	080302040	
	Helical	080402040	
M 2.5 x 45	Rough tap	080125045	0625045
	Finisher	080225045	
	Gun	080325045	
	Helical	080425045	
M 3 x 50	Rough tap	080103050	0603050
	Finisher	080203050	
	Gun	080303050	
	Helical	080403050	
M 3.5 x 60	Rough tap	080135060	0635060
	Finisher	080235060	
	Gun	080335060	
	Helical	080435060	
M 4 x 70	Rough tap	080104070	0604070
	Finisher	080204070	
	Gun	080304070	
	Helical	080404070	
M 5 x 80	Rough tap	080105080	0605080
	Finisher	080205080	
	Gun	080305080	
	Helical	080405080	
M 6 x 100	Rough tap	080106100	0606100
	Finisher	080206100	
	Gun	080306100	
	Helical	080406100	
M 7 x 100	Rough tap	080107100	0607100
	Finisher	080207100	
	Gun	080307100	
	Helical	080407100	
M 8 x 100	Rough tap	080108100	0608100
	Finisher	080208100	
	Gun	080308100	
	Helical	080408100	
M 8 x 125	Rough tap	080108125	0608125
	Finisher	080208125	
	Gun	080308125	
	Helical	080408125	
M 9 x 125	Rough tap	080109125	0609125
	Finisher	080209125	
	Gun	080309125	
	Helical	080409125	
M 10 x 100	Rough tap	080110100	0610100
	Finisher	080210100	
	Gun	080310100	
	Helical	080410100	
M 10 x 125	Rough tap	080110125	0610125
	Finisher	080210125	
	Gun	080310125	
	Helical	080410125	

METRIC Ø x Wire Thread Insert pitch		Reference	Control pads GO/NO GO References
M 10 x 150	Rough tap	080110150	0610150
	Finisher	080210150	
	Gun	080310150	
	Helical	080410150	
M 11 x 150	Rough tap	080111150	0611150
	Finisher	080211150	
	Gun	080311150	
	Helical	080411150	
M 12 x 100	Rough tap	080112100	0612100
	Finisher	080212100	
	Gun	080312100	
	Helical	080412100	
M 12 x 125	Rough tap	080112125	0612125
	Finisher	080212125	
	Gun	080312125	
	Helical	080412125	
M 12 x 150	Rough tap	080112150	0612150
	Finisher	080212150	
	Gun	080312150	
	Helical	080412150	
M 12 x 175	Rough tap	080112175	0612175
	Finisher	080212175	
	Gun	080312175	
	Helical	080412175	
M 14 x 125	Rough tap	080114125	0614125
	Finisher	080214125	
	Gun	080314125	
	Helical	080414125	
M 14 x 150	Rough tap	080114150	0614150
	Finisher	080214150	
	Gun	080314150	
	Helical	080414150	
M 14 x 200	Rough tap	080114200	0614200
	Finisher	080214200	
	Gun	080314200	
	Helical	080414200	
M 16 x 150	Rough tap	080116150	0616150
	Finisher	080216150	
	Gun	080316150	
	Helical	080416150	
M 16 x 200	Rough tap	080116200	0616200
	Finisher	080216200	
	Gun	080316200	
	Helical	080416200	
M 18 x 150	Rough tap	080118150	0618150
	Finisher	080218150	
	Gun	080318150	
	Helical	080418150	
M 18 x 200	Rough tap	080118200	0618200
	Finisher	080218200	
	Gun	080318200	
	Helical	080418200	

► To obtain the dimensions and other types of taps, please consult us.

Metric (continued)

METRIC Ø x Wire Thread Insert pitch		Reference	Control pads GO/NO GO References
M 18 x 250	Rough tap	080118250	0618250
	Finisher	080218250	
	Gun	080318250	
	Helical	080418250	
M 20 x 150	Rough tap	080120150	0620150
	Finisher	080220150	
	Gun	080320150	
	Helical	080420150	
M 20 x 200	Rough tap	080120200	0620200
	Finisher	080220200	
	Gun	080320200	
	Helical	080420200	
M 20 x 250	Rough tap	080120250	0620250
	Finisher	080220250	
	Gun	080320250	
	Helical	080420250	
M 22 x 150	Rough tap	080122150	0622150
	Finisher	080222150	
	Gun	080322150	
	Helical	080422150	
M 22 x 200	Rough tap	080122200	0622200
	Finisher	080222200	
	Gun	080322200	
	Helical	080422200	
M 22 x 250	Rough tap	080122250	0622250
	Finisher	080222250	
	Gun	080322250	
	Helical	080422250	
M 24 x 150	Rough tap	080124150	0624150
	Finisher	080224150	
	Gun	080324150	
	Helical	080424150	
M 24 x 200	Rough tap	080124200	0624200
	Finisher	080224200	
	Gun	080324200	
	Helical	080424200	
M 24 x 300	Rough tap	080124300	0624300
	Finisher	080224300	
	Gun	080324300	
	Helical	080424300	
M 26 x 150	Rough tap	080126150	0626150
	Finisher	080226150	
	Gun	080326150	
	Helical	080426150	
M 27 x 150	Rough tap	080127150	0627150
	Finisher	080227150	
	Gun	080327150	
	Helical	080427150	
M 27 x 200	Rough tap	080127200	0627200
	Finisher	080227200	
	Gun	080327200	
	Helical	080427200	
M 27 x 300	Rough tap	080127300	0627300
	Finisher	080227300	
	Gun	080327300	
	Helical	080427300	

METRIC Ø x Wire Thread Insert pitch		Reference	Control pads GO/NO GO References
M 30 x 150	Rough tap	080130150	0630150
	Finisher	080230150	
	Gun	080330150	
	Helical	080430150	
M 30 x 200	Rough tap	080130200	0630200
	Finisher	080230200	
	Gun	080330200	
	Helical	080430200	
M 30 x 350	Rough tap	080130350	0630350
	Finisher	080230350	
	Gun	080330350	
	Helical	080430350	
M 33 x 200	Rough tap	080133200	0633200
	Finisher	080233200	
	Gun	080333200	
	Helical	080433200	
M 36 x 150	Rough tap	080136150	0636150
	Finisher	080236150	
	Gun	080336150	
	Helical	080436150	
M 39 x 400	Rough tap	080139400	0639400
	Finisher	080239400	
	Gun	080339400	
	Helical	080439400	
M 45 x 450	Rough tap	080145450	0645450
	Finisher	080245450	
	Gun	080345450	
	Helical	080445450	

► To obtain the dimensions and other types of taps, please consult us.

UNC Ø x Wire Thread Insert pitch		References	GO/NO GO control pads
2 - 56	Rough tap	08011002	0602056
	Finisher	08021002	
	Gun	08031002	
	Helical	08041002	
3 - 48	Rough tap	08011003	0603048
	Finisher	08021003	
	Gun	08031003	
	Helical	08041003	
4 - 40	Rough tap	08011004	0604040
	Finisher	08021004	
	Gun	08031004	
	Helical	08041004	
5 - 40	Rough tap	08011005	0605040
	Finisher	08021005	
	Gun	08031005	
	Helical	08041005	
6 - 32	Rough tap	08011006	0606032
	Finisher	08021006	
	Gun	08031006	
	Helical	08041006	
8 - 32	Rough tap	08011008	0608032
	Finisher	08021008	
	Gun	08031008	
	Helical	08041008	
10 - 24	Rough tap	08011010	0610024
	Finisher	08021010	
	Gun	08031010	
	Helical	08041010	
12 - 24	Rough tap	08011012	0612024
	Finisher	08021012	
	Gun	08031012	
	Helical	08041012	
1/4 - 20	Rough tap	08011014	0601420
	Finisher	08021014	
	Gun	08031014	
	Helical	08041014	
5/16 - 18	Rough tap	08011516	0651618
	Finisher	08021516	
	Gun	08031516	
	Helical	08041516	
3/8 - 16	Rough tap	08011038	0603816
	Finisher	08021038	
	Gun	08031038	
	Helical	08041038	
7/16 - 14	Rough tap	08011716	0671614
	Finisher	08021716	
	Gun	08031716	
	Helical	08041716	
1/2 - 13	Rough tap	08011012	0601213
	Finisher	08021012	
	Gun	08031012	
	Helical	08041012	
9/16 - 12	Rough tap	08011916	0691612
	Finisher	08021916	
	Gun	08031916	
	Helical	08041916	

UNC Ø x Wire Thread Insert pitch		References	GO/NO GO control pads
5/8 - 11	Rough tap	08011058	0605811
	Finisher	08021058	
	Gun	08031058	
	Helical	08041058	
3/4 - 10	Rough tap	08011034	0603410
	Finisher	08021034	
	Gun	08031034	
	Helical	08041034	
7/8 - 9	Rough tap	08011078	0607809
	Finisher	08021078	
	Gun	08031078	
	Helical	08041078	
1" - 8	Rough tap	08011100	0610008
	Finisher	08021100	
	Gun	08031100	
	Helical	08041100	
1" 1/8 - 7	Rough tap	08011118	0611807
	Finisher	08021118	
	Gun	08031118	
	Helical	08041118	
1" 1/4 - 7	Rough tap	08011114	0611407
	Finisher	08021114	
	Gun	08031114	
	Helical	08041114	
1" 3/8 - 6	Rough tap	08011138	0613806
	Finisher	08021138	
	Gun	08031138	
	Helical	08041138	
1" 1/2 - 6	Rough tap	08011112	0611206
	Finisher	08021112	
	Gun	08031112	
	Helical	08041112	

► To obtain the dimensions and other types of taps, please consult us.

UNF

UNF Ø x Wire Thread Insert pitch		References	GO/NO GO control pads
2 - 64	Rough tap	08012002	0602064
	Finisher	08022002	
	Gun	08032002	
	Helical	08042002	
4 - 48	Rough tap	08012004	0604048
	Finisher	08022004	
	Gun	08032004	
	Helical	08042004	
6 - 40	Rough tap	08012006	0606040
	Finisher	08022006	
	Gun	08032006	
	Helical	08042006	
8 - 36	Rough tap	08012008	0608036
	Finisher	08022008	
	Gun	08032008	
	Helical	08042008	
10 - 32	Rough tap	08012010	0610032
	Finisher	08022010	
	Gun	08032010	
	Helical	08042010	
1/4 - 28	Rough tap	08012014	0601428
	Finisher	08022014	
	Gun	08032014	
	Helical	08042014	
5/16 - 24	Rough tap	08012516	0651624
	Finisher	08022516	
	Gun	08032516	
	Helical	08042516	
3/8 - 24	Rough tap	08012038	0603824
	Finisher	08022038	
	Gun	08032038	
	Helical	08042038	
7/16 - 20	Rough tap	08012716	0671620
	Finisher	08022716	
	Gun	08032716	
	Helical	08042716	
1/2 - 20	Rough tap	08012012	0601220
	Finisher	08022012	
	Gun	08032012	
	Helical	08042012	
9/16 - 18	Rough tap	08012916	0691618
	Finisher	08022916	
	Gun	08032916	
	Helical	08042916	
5/8 - 18	Rough tap	08012058	0605818
	Finisher	08022058	
	Gun	08032058	
	Helical	08042058	

UNF Ø x Wire Thread Insert pitch		References	GO/NO GO control pads
3/4 - 16	Rough tap	08012034	0603416
	Finisher	08022034	
	Gun	08032034	
	Helical	08042034	
7/8 - 14	Rough tap	08012078	0607814
	Finisher	08022078	
	Gun	08032078	
	Helical	08042078	
1" - 12	Rough tap	08012100	0610012
	Finisher	08022100	
	Gun	08032100	
	Helical	08042100	
1" 1/8 - 12	Rough tap	08012118	0611812
	Finisher	08022118	
	Gun	08032118	
	Helical	08042118	
1" 1/4 - 12	Rough tap	08012114	0611412
	Finisher	08022114	
	Gun	08032114	
	Helical	08042114	

► To obtain the dimensions and other types of taps, please consult us.