

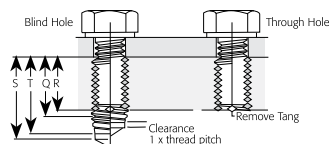
Recoil Metric Insert Part Number Call-Out and Dimensional Data

Thread Nominal	Nominal Length	Recoil Spec - Free Running Free			Recoil Spec - Screw Locking Free			MA Spec		BASIC LENGTH OF INSERT NOMINAL DIAMETER OF SCREW "D"							
		Part Number	Coil Dia Min./Max.	Number of Coils	Part Number	Coil Dia Min./Max.	Number of Coils	Free Running Part Number	Screw Locking Part Number	Insert Length inch	mm	Number of Coils	Free Coil Dia Min./Max.	Q	R	S	T
M2 x 0.4	1							05022		0.079	2.0			2.00	1.60	3.80	3.40
	1.5							05023		0.118	3.0	5.5	2.5	3.00	2.60	4.80	4.40
	2							05024	Upon Request	0.157	4.0	7.75	2.7	4.00	3.60	5.80	5.40
	2.5							05025		0.197	5.0	10.125		5.00	4.60	6.80	6.40
	3							05026		0.236	6.0	12.375		6.00	5.60	7.80	7.40
M2.2 x 0.45	1	05012			15012		3.0	05012MA	15012MA	0.087	2.2	3.125		2.20	1.75	4.23	3.98
	1.5	05013			15013	2.8	5.25	05013MA	15013MA	0.13	3.3	5.375	2.80	3.30	2.85	5.33	4.88
	2	05014			15014	2.95	7.55	05014MA	15014MA	0.173	4.4	7.625	3.00	4.40	3.95	6.43	5.98
	2.5	05015			15015		9.75	05015MA	15015MA	0.217	5.5	9.875		5.50	5.05	7.53	7.08
	3	05016			15016		12.0	05016MA	15016MA	0.26	6.6	12.125		6.60	6.15	8.63	8.18
M2.5 x 0.45	1	05252		3.40	15252		3.2	05252MA	15252MA	0.098	2.5	3.375		2.50	2.05	4.53	4.08
	1.5	05253	3.10	6.20	15253	3.25	5.6	05253MA	15253MA	0.15	3.8	5.750	3.20	3.75	3.30	5.78	5.33
	2	05254	3.20	8.95	15254	3.45	8.0	05254MA	15254MA	0.197	5.0	8.125	3.70	5.00	4.55	7.03	6.58
	2.5	05255		11.45	15255		10.35	05255MA	15255MA	0.248	6.3	10.500		6.25	5.80	8.28	7.83
	3	05256		14.05	15256		12.6	05256MA	15256MA	0.295	7.5	12.750		7.50	7.05	9.53	9.08
M3 x 0.5	1	05032			15032		3.6	05032MA	15032MA	0.118	3.0	3.750		3.00	2.50	5.25	4.75
	1.5	05033	3.65	6.95	15033	3.80	6.22	05033MA	15033MA	0.177	4.5	6.375	3.80	4.50	4.00	6.75	6.25
	2	05034	3.80	9.75	15034	3.95	8.73	05034MA	15034MA	0.236	6.0	8.875	4.35	6.00	5.50	8.25	7.75
	2.5	05035		12.55	15035		11.22	05035MA	15035MA	0.295	7.5	11.375		7.50	7.00	9.75	9.25
	3	05036		15.35	15036		13.72	05036MA	15036MA	0.354	9.0	13.875		9.00	8.50	11.25	10.75
M3.5 x 0.6	1	05352		4.00	15352		3.6	05352MA	15352MA	0.138	3.5	3.750		3.50	2.90	6.20	5.60
	1.5	05353	4.30	6.75	15353	4.40	6.23	05353MA	15353MA	0.209	5.3	6.375	4.40	5.25	4.65	7.95	7.35
	2	05354	4.46	9.45	15354	4.55	8.6	05354MA	15354MA	0.276	7.0	8.625	4.95	7.00	6.40	9.70	9.10
	2.5	05355		12.15	15355		11.23	05355MA	15355MA	0.346	8.8	11.375		8.75	8.15	11.45	10.85
	3	05356		14.85	15356		13.6	05356MA	15356MA	0.413	10.5	13.625		10.50	9.90	13.20	12.60
M4 x 0.7	1	05042		3.85	15042			05042MA	15042MA	0.157	4.0	3.625		4.00	3.30	7.15	6.45
	1.5	05043	4.90	6.55	15043			05043MA	15043MA	0.236	6.0	6.125	5.05	6.00	5.30	9.15	8.45
	2	05044	5.15	9.15	15044			05044MA	15044MA	0.315	8.0	8.625	5.60	8.00	7.30	11.15	10.45
	2.5	05045		11.85	15045			05045MA	15045MA	0.394	10.0	11.125		10.00	9.30	13.15	12.45
	3	05046		14.45	15046			05046MA	15046MA	0.472	12.0	13.625		12.00	11.30	15.15	14.45
M5 x 0.8	1	05052		4.45	15052			05052MA	15052MA	0.197	5.0	4.125		5.00	4.20	8.60	7.80
	1.5	05053	6.00	7.35	15053			05053MA	15053MA	0.295	7.5	6.875	6.25	7.50	6.70	11.10	10.30
	2	05054	6.20	10.25	15054			05054MA	15054MA	0.394	10.0	9.625	6.80	10.00	9.20	13.60	12.80
	2.5	05055		13.15	15055			05055MA	15055MA	0.492	12.5	12.375		12.50	11.70	16.10	15.30
	3	05056		16.05	15056			05056MA	15056MA	0.591	15.0	15.125		15.00	14.20	18.60	17.80
M6 x 1	1	05062		4.15	15062			05062MA	15062MA	0.236	6.0	4.000		6.00	5.00	10.50	9.50
	1.5	05063	7.25	6.95	15063			05063MA	15063MA	0.354	9.0	6.750	7.40	9.00	8.00	13.50	12.50
	2	05064	7.45	9.75	15064			05064MA	15064MA	0.472	12.0	9.500	7.95	12.00	11.00	16.50	15.50
	2.5	05065		12.55	15065			05065MA	15065MA	0.591	15.0	12.125		15.00	14.00	19.50	18.50
	3	05066		15.35	15066			05066MA	15066MA	0.709	18.0	14.875		18.00	17.00	22.50	21.50
M7 x 1	1	05072		5.15	15072			05072MA	15072MA	0.276	7.0	4.875	8.65	7.00	6.00	11.50	10.50
	1.5	05073	8.35	8.45	15073			05073MA	15073MA	0.413	10.5	8.000	9.20	10.50	9.50	15.00	14.00
	2	05074	8.65	11.70	15074			05074MA	15074MA	0.551	14.0	11.125		14.00	13.00	18.50	17.50
	2.5	05075		15.00	15075			05075MA	15075MA	0.689	17.5	14.125		17.50	16.50	22.00	21.00
	3	05076		18.30	15076			05076MA	15076MA	0.827	21.0	17.250		21.00	20.00	25.50	24.50

Drill Depth: The minimum drilling depth "S" allows for one pitch chip clearance between the tip of the tap and the bottom of the drilled hole. "S" minimum allows for tap clearance, the maximum amount of insert set-down and countersink. Where a spiral pointed tap is used, the drill depths shown should be increased to allow for chip clearance.

Fitted Insert:

- R = Maximum length of engaged portion of screw when tang is removed.
- Q = Minimum full tapped thread length.
- T = Minimum tapping depth - including 3 1/2 threads of plug tap.
- S = Minimum drill depth - excluding point.



Note: Recoil metric inserts are made to Din locking torque requirements. Military specification MA parts need to be specifically ordered by adding MA to the standard part number above.

Note: Dimensions shown are for MA parts only.

