



TOOLING COMPONENTS

TE-CO Threaded Inserts



- Automatic self-locking external thread with use-activated adhesive
- Will not back out or vibrate loose
- Immediately on installation, micro-encapsulated epoxy molecules begin to set, and the newly installed insert can be fastened to within minutes. Adhesive continues to cure overnight until completely set
- Adhesive seals against liquids and gases to pressures of 6,000 psi and bonds to virtually all metals

Part No.	Internal Thread	Tap Drill Size	Tap Size External Thread	Length
Coarse Thread/Fine Thread - Steel				
42310	4-40	5/32	10/32	.250
42311	6-32	#7	1/4-20	.280
42312	8-32	F	5/16-18	.290
42313	10-24	5/16	3/8-16	.406
42314	1/4-20	23/64	7/16-14	.437
42315	5/16-18	27/64	1/2-13	.484
42316	3/8-16	31/64	9/16-12	.515
42317	7/16-14	17/32	5/8-11	.656
42318	1/2-13	21/32	3/4-10	.656
42319	9/16-12	21/32	3/4-10	.656
42320	5/8-11	49/64	7/8-9	.687
42321	5/8-11	49/64	7/8-9	1.125
42322	3/4-10	7/8	1-8	.781
42323	1-8	1-9/32	1-3/8-12	1.250
42324	10/32	5/16	3/8-16	.406
42325	1/4-28	23/64	7/16-14	.437
42326	5/16-24	27/64	1/2-13	.484
42327	3/8-24	31/64	9/16-12	.515
42328	7/16-20	17/32	5/8-11	.656
42329	1/2-20	21/32	3/4-10	.656
42330	5/8-18	49/64	7/8-9	.687
42331	3/4-16	7/8	1-8	.781
Extra Heavy Wall - Steel				
42358	1/4-20	27/64	1/2-13	.484
42359	5/16-18	31/64	9/16-12	.515
42360	3/8-16	17/32	5/8-11	.656
42361	1/2-13	49/64	7/8-9	.687
42362	5/8-11	7/8	1-8	.781
Metric Internal/U.S. External - Steel				
42332	M6 x 1.0	5/16	3/8-16	.406
42333	M8 x 1.25	27/64	1/2-13	.484
42334	M10 x 1.50	31/64	9/16-12	.515
42335	M12 x 1.75	21/32	3/4-10	.656
42336	M14 x 2.0	49/64	7/8-9	.656
42337	M16 x 2.0	7/8	1-8	.781
Metric Internal/Metric External - Steel				
42338	M3 x 0.5	5.1mm	M6 x 1.0	6.5mm
42339	M4 x 0.7	6.9mm	M8 x 1.25	7.5mm
42340	M5 x 0.8	6.9mm	M8 x 1.25	7.5mm
42341	M6 x 1.0	8.6mm	M10 x 1.5	10.5mm
42342	M8 x 1.25	10.4mm	M12 x 1.75	12.5mm
42343	M10 x 1.5	14.0mm	M16 x 2.0	17.0mm
42344	M12 x 1.75	14.0mm	M16 x 2.0	17.0mm
42345	M16 x 2.0	21.0mm	M24 x 3.0	20.0mm
303 Stainless Steel, Passivated				
42346	10-24	5/16	3/8-16	.406
42347	1/4-20	23/64	7/16-14	.437
42348	5/16-18	27/64	1/2-13	.484
42349	3/8-16	31/64	9/16-12	.515
42350	7/16-14	17/32	5/8-11	.656
42351	1/2-13	21/32	3/4-10	.656
42352	10-32	5/16	3/8-16	.406
42353	1/4-28	23/64	7/16-14	.437
42354	5/16-24	27/64	1/2-13	.484
42355	3/8-24	31/64	9/16-12	.515
42356	7/16-20	17/32	5/8-11	.656
42357	1/2-20	21/32	3/4-10	.656

TE-CO Threaded Insert Kits



Part No.	Quantity of Inserts	Insert Part No.	Internal Thread	External Thread
Coarse Thread/Fine Thread – Steel				
42370	10	42313	10-24	3/8-16
	10	42314	1/4-20	7/16-14
	10	42315	5/16-18	1/2-13
	10	42316	3/8-16	9/16-12
	6	42318	1/2-13	3/4-10
42371	6	42318	1/2-13	3/4-10
	7	42320	5/8-11	7/8-9
	7	42322	3/4-10	1/8
	2	42323	1-8	1 3/8-12
42372	10	42324	10-32	3/8-16
	10	42325	1/4-28	7/16-14
	10	42326	5/16-24	1/2-13
	10	42327	3/8-24	9/16-12
	6	42329	1/2-20	3/4-10
Metric Internal/U.S. External – Steel				
42373	10	42332	M6 x 1.0	3/8-16
	10	42333	M8 x 1.25	1/2-13
	10	42334	M10 x 1.5	9/16-12
	6	42335	M12 x 1.75	3/4-10

Part No.	Quantity of Inserts	Insert Part No.	Internal Thread	External Thread
Metric Internal/Metric External – Steel				
42374	10	42338	M3 x 0.5	M6 x 1.0
	10	42339	M4 x 0.7	M8 x 1.25
	10	42340	M5 x 0.8	M8 x 1.25
	10	42341	M6 x 1.0	M10 x 1.5
	10	42342	M8 x 1.25	M12 x 1.75
42375	10	42342	M8 x 1.25	M12 x 1.75
	10	42343	M10 x 1.5	M16 x 2.0
	8	42344	M12 x 1.75	M16 x 2.0
	5	42345	M16 x 2.0	M24 x 3.0
303 Stainless Steel, Passivated				
42376	10	42346	10-24	3/8-16
	10	42347	1/4-20	7/16-14
	10	42348	5/16-18	1/2-13
	10	42349	3/8-16	9/16-12
	6	42351	1/2-13	3/4-10
42377	10	42352	10-32	3/8-16
	10	42353	1/4-28	7/16-14
	10	42354	5/16-24	1/2-13
	10	42355	3/8-24	9/16-12
	6	42357	1/2-20	3/4-10

Installation Instructions:



1. Drill hole according to table.
TE-CO insert can be used in extra deep or through hole.



2. Use standard size tap according to table.



3. Use bolt as illustrated to install TE-CO Insert. Nut prevents hang-up of TE-CO Insert on grip of bolt. Use two nuts locked against each other to shorten bolt to proper thread length.