



C-SERT SPECIFICATIONS

Patented self-tapping, self-aligning inserts with integral guides, integral thread-chasing feature, left-handed external threads, and 5-year performance warranty.

Material: S-7 tool steel, through-hardened and double tempered to 56 RC.

Thread I.D. & Pitch	Model Number	Standard Pkg. Quantity	Pilot Hole Diameter	Socket Size	C-Sert Length	C-Sert Diameter
1/4-20	CDS250	6	1/2"	1/2"	0.684	0.521
1/4-28	CDS250-F	6	1/2"	1/2"	0.684	0.521
5/16-18	CDS312	6	9/16"	5/8"	0.742	0.584
5/16-24	CDS312-F	6	9/16"	5/8"	0.742	0.584
3/8-16	CDS375	6	11/16"	3/4"	0.873	0.716
3/8-24	CDS375-F	6	11/16"	3/4"	0.873	0.716
1/2-13	CDS500	6	13/16"	3/4"	0.997	0.840
1/2-20	CDS500-F	6	13/16"	3/4"	0.997	0.840
5/8-11	C625	6	1"	23mm	1.249	1.052
5/8-11	C625-HW ◆	4	1 5/16"	23mm	1.495	1.364
5/8-18	C625-F	6	1"	23mm	1.249	1.052
3/4-10	C750	6	1 1/8"	23mm	1.495	1.176
3/4-10	C750-HW ◆	4	1 5/16"	23mm	1.495	1.364
3/4-16	C750-F	6	1 1/8"	23mm	1.495	1.176
7/8-9	C875	4	1 3/8"	27mm	1.875	1.437
1"-8	C1000	4	1 1/2"	27mm	2.103	1.562
1"-8	C1000-HW ◆	3	1 3/4"	33mm	2.437	1.812
1"-14	C1000-F	4	1 1/2"	27mm	2.103	1.562
1 1/8-7	C1125	3	1 3/4"	33mm	2.437	1.812
1 1/4-7	C1250	3	1 3/4"	33mm	2.437	1.812
1 3/8-6	C1375	2	2"	40mm	2.750	2.062
1 1/2-6	C1500	2	2 1/4"	40mm	2.750	2.312
1 3/4-5	C1750	2	2 3/4"	60mm	3.464	2.812
6mm x 1.0	CDSM6	6	1/2"	1/2"	0.684	0.521
8mm x 1.25	CDSM8	6	9/16"	5/8"	0.742	0.584
10mm x 1.50	CDSM10	6	11/16"	3/4"	0.873	0.716
10mm x 1.25	CDSM10-F	6	11/16"	3/4"	0.873	0.716
12mm x 1.75	CDSM12	6	13/16"	3/4"	0.997	0.840
14mm x 2.0	M14	6	1"	23mm	1.249	1.052
16mm x 2.0	M16	6	1"	23mm	1.249	1.052
16mm x 2.0	M16-HW ◆	4	1 5/16"	23mm	1.495	1.364
18mm x 2.5	M18	6	1 1/8"	23mm	1.495	1.176
20mm x 2.5	M20	4	1 3/8"	27mm	1.875	1.437
20mm x 2.5	M20-HW ◆	4	1 1/2"	27mm	2.103	1.562
24mm x 3.0	M24	4	1 1/2"	27mm	2.103	1.562
24mm x 3.0	M24-HW ◆	3	1 3/4"	33mm	2.103	1.812
30mm x 3.5	M30	3	1 3/4"	33mm	2.437	1.812
36mm x 4.0	M36	2	2"	40mm	2.700	2.062
42mm x 3.0	M42-F	2	2 3/4"	60mm	3.464	2.812

◆ **NOTE:** Indicates Heavy Wall product with oversized O.D. For holes that have been enlarged too much already. Also, to replace the failed inserts of other makers.

MINI THINWALL SPECIFICATIONS

Patented self-tapping, self-aligning inserts with removable guides, right-handed external threads, and 5-year performance warranty.

Material: 8620 gear steel, case hardened to 60RC, core hardened to 42RC.

Thread I.D. & Pitch	Model Number	Standard Pkg. Quantity	Pilot Hole Diameter	Socket Size	C-Sert Length	C-Sert Diameter
1/4-20	C250	10	23/64 (0.359)	7/16"	0.487	0.375
5/16-18	C312	10	29/64 (0.453)	1/2"	0.557	0.469
3/8-16	C375	10	17/32 (0.531)	9/16"	0.687	0.563
1/2-13	C500	8	45/64 (0.703)	3/4"	0.745	0.734
6mm x 1.0	M6	10	23/64 (0.359)	10mm	0.487	0.375
8mm x 1.25	M8	10	29/64 (0.453)	13mm	0.557	0.469
10mm x 1.50	M10	10	17/32 (0.531)	17mm	0.687	0.563
12mm x 1.75	M12	8	45/64 (0.703)	19mm	0.745	0.734