

C-Sert™ Permanent Thread Repair - Standard

PCS Company offers C-Sert™ Thread Repair - Standard inserts to be used for permanent thread repair for platens or equipment. The C-Sert can be considered a precision tap that are self aligning and self tapping. The patented design of the C-Sert allows for faster installation and chip removal due to the design of the cutting surfaces. Kit options are available with or without the corresponding drill bit to make the low torque installation fast and easy using either a medium duty impact driver or hand tool. Select from either inch threads ranging from 1/4" - 20 to 1 3/4" - 5 or metric threads ranging from M6 x 1.0 to M42 x 3.0. C-Serts are suitable for most repairs of OEM threaded holes and they are thick enough to replace failed Heli-Coils, Keenserts, E-Z Lok, Hole Savers and other brands of thread repair.

Features:

- Unit of Measure: Inch and metric
- External Thread Type: Left-handed
- Hex head installer included in each package
- Internal Threads: Inch: Class 2B, Metric: Class 6H
- External Thread Profile: standard, with flat crest
- Material: S-7 tool steel
- Hardness: 62RC, core 45RC, case hardened
- Lifetime warranty



Item Number	Thread	Thread Size	Package Qty.	Drill Bit Option
CDS250	Inch	1/4" - 20	6 Pieces	No
CDS250-F	Inch	1/4" - 28	6 Pieces	No
CDS312	Inch	5/16" - 18	6 Pieces	No
CDS312-F	Inch	5/16" - 24	6 Pieces	No
CDS375	Inch	3/8" - 16	6 Pieces	No
CDS375-F	Inch	3/8" - 24	6 Pieces	No
CDS500	Inch	1/2" - 13	6 Pieces	No
CDS500-F	Inch	1/2" - 20	6 Pieces	No
C625	Inch	5/8" - 11	6 Pieces	No
C625-F	Inch	5/8" - 18	6 Pieces	No
C750	Inch	3/4" - 10	6 Pieces	No
C750-F	Inch	3/4" - 16	6 Pieces	No
C875	Inch	7/8" - 9	4 Pieces	No
C1000	Inch	1" - 8	4 Pieces	No
C1000-F	Inch	1" - 14	4 Pieces	No
C1125	Inch	1 1/8" - 7	3 Pieces	No
C1250	Inch	1 1/4" - 7	3 Pieces	No
C1500	Inch	1 1/2" - 6	2 Pieces	No
C1750	Inch	1 3/4" - 5	2 Pieces	No
K-CDS250	Inch	1/4" - 20	6 Pieces	Yes
K-CDS250-F	Inch	1/4" - 28	6 Pieces	Yes
K-CDS312	Inch	5/16" - 18	6 Pieces	Yes
K-CDS312-F	Inch	5/16" - 24	6 Pieces	Yes
K-CDS375	Inch	3/8" - 16	6 Pieces	Yes
K-CDS375-F	Inch	3/8" - 24	6 Pieces	Yes
K-CDS500	Inch	1/2" - 13	6 Pieces	Yes
K-CDS500-F	Inch	1/2" - 20	6 Pieces	Yes
K-CDS625	Inch	5/8" - 11	6 Pieces	Yes
K-CDS625-F	Inch	5/8" - 18	6 Pieces	Yes

Continued C-Sert™ Permanent Thread Repair - Standard

PCS Company offers C-Sert™ Thread Repair - Standard inserts to be used for permanent thread repair for platens or equipment. The C-Sert can be considered a precision tap that are self aligning and self tapping. The patented design of the C-Sert allows for faster installation and chip removal due to the design of the cutting surfaces. Kit options are available with or without the corresponding drill bit to make the low torque installation fast and easy using either a medium duty impact driver or hand tool. Select from either inch threads ranging from 1/4" - 20 to 1 3/4" - 5 or metric threads ranging from M6 x 1.0 to M42 x 3.0. C-Serts are suitable for most repairs of OEM threaded holes and they are thick enough to replace failed Heli-Coils, Keenserts, E-Z Lok, Hole Savers and other brands of thread repair.

Features:

- Unit of Measure: Inch and metric
- External Thread Type: Left-handed
- Hex head installer included in each package
- Internal Threads: Inch: Class 2B, Metric: Class 6H
- External Thread Profile: standard, with flat crest
- Material: S-7 tool steel
- Hardness: 62RC, core 45RC, case hardened
- Lifetime warranty



Item Number	Thread	Thread Size	Package Qty.	Drill Bit Option
K-CDS750	Inch	3/4" - 10	6 Pieces	Yes
K-CDS750-F	Inch	3/4" - 16	6 Pieces	Yes
K-C875	Inch	7/8" - 9	4 Pieces	Yes
K-C1000	Inch	1" - 8	4 Pieces	Yes
K-C1000-F	Inch	1" - 14	4 Pieces	Yes
CDSM6	Metric	M6 x 1.0	6 Pieces	No
CDSM8	Metric	M8 x 1.25	6 Pieces	No
CDSM10	Metric	M19 x 1.50	6 Pieces	No
CDSM10-F	Metric	M10 x 1.25	6 Pieces	No
CDSM12	Metric	M12 x 1.75	6 Pieces	No
M14	Metric	M14 x 2.0	6 Pieces	No
M16	Metric	M16 x 2.0	6 Pieces	No
M18	Metric	M18 x 2.5	6 Pieces	No
M20	Metric	M20 x 2.5	4 Pieces	No
M24	Metric	M24 x 3.0	4 Pieces	No
M27	Metric	M27 x 3.0	3 Pieces	No
M30	Metric	M30 x 3.5	3 Pieces	No
M36	Metric	M36 x 4.0	2 Pieces	No
M42-F	Metric	M42 x 3.0	2 Pieces	No
K-CDSM6	Metric	M6 x 1.0	6 Pieces	Yes
K-CDSM8	Metric	M8 x 1.25	6 Pieces	Yes
K-CDSM10	Metric	M10 x 1.50	6 Pieces	Yes
K-CDSM10-F	Metric	M10 x 1.25	6 Pieces	Yes
K-CDSM12	Metric	M12 x 1.75	6 Pieces	Yes
K-M14	Metric	M14 x 2.0	6 Pieces	Yes
K-M16	Metric	M16 x 2.0	6 Pieces	Yes
K-M18	Metric	M18 x 2.5	6 Pieces	Yes
K-M20	Metric	M20 x 2.5	4 Pieces	Yes
K-M24	Metric	M24 x 3.0	4 Pieces	Yes

C-Sert™ Thread Repair - Mini Thin Wall

PCS Company offers C-Sert™ Thread Repair - Mini Thin Wall inserts to be used for permanent thread repair for platens or equipment. The C-Sert can be considered a precision tap that are self aligning and self tapping. The patented design of the C-Sert allows for faster installation and chip removal due to the design of the cutting surfaces. Kit options are available with or without the corresponding drill bit to make the low torque installation fast and easy using either a medium duty impact driver or hand tool. Select from either inch threads ranging from 1/4" - 20 to 1/2" - 13 or metric threads ranging from M6 x 1.0 to M12 x 1.75. C-Serts are suitable for most repairs of OEM threaded holes and they are thick enough to replace failed Heli-Coils, Keenserts, E-Z Lok, Hole Savers and other brands of thread repair.

Features:

- Unit of Measure: Inch and metric
- External Thread Type: Left-handed
- Insert Type: Self-tapping
- Hex head installer included in each package
- Internal Threads: Inch: Class 2B, Metric: Class 6H
- External Thread Profile: standard, with flat crest
- Material: S-7 tool steel
- Hardness: 62RC, core 45RC, case hardened
- Lifetime warranty



Item Number	Thread	Thread Size	Package Qty.	Drill Bit Option
C250	Inch	1/4" -20	10 Pieces	No
C312	Inch	5/16" -18	10 Pieces	No
C375	Inch	3/8" -16	10 Pieces	No
C500	Inch	1/2" -13	8 Pieces	No
K250	Inch	1/4" -20	10 Pieces	Yes
K312	Inch	5/16" -18	10 Pieces	Yes
K375	Inch	3/8 -16	10 Pieces	Yes
K500	Inch	1/2" -13	8 Pieces	Yes
M6	Inch	M6 x 1.0	10 Pieces	No
M8	Metric	M8 x 1.25	10 Pieces	No
M10	Metric	M10 x 1.50	10 Pieces	No
M10-F	Metric	M10 x 1.25	10 Pieces	No
M12	Metric	M12 X 1.75	8 Pieces	No
M12-F	Metric	M12 X 1.25	8 Pieces	No
KM6	Metric	M6 X 1.0	10 Pieces	Yes
KM8	Metric	M8 X 1.25	10 Pieces	Yes
KM10	Metric	M10 x 1.50	10 Pieces	Yes
KM10-F	Metric	M10 x 1.25	10 Pieces	Yes
KM12	Metric	M12 x 1.75	8 Pieces	Yes
KM12-F	Metric	M12 x 1.25	8 Pieces	Yes

C-Sert™ Permanent Thread Repair - Heavy Wall

PCS Company offers C-Sert™ Thread Repair - Heavy Wall inserts to be used for permanent thread repair for platens or equipment. The C-Sert can be considered a precision tap that are self aligning and self tapping. The patented design of the C-Sert allows for faster installation and chip removal due to the design of the cutting surfaces. Kit options are available with or without the cooresponding drill bit to make the low torque installation fast and easy using either a me-dium duty impact driver or hand tool. Select from either inch threads ranging from 5/8" - 11 to 1 1/4" - 7 or metric threads ranging from M16 x 2.0 to M30 x 3.5. C-Serts are suitable for most repairs of OEM threaded holes and they are thick enough to replace failed Heli-Coils, Keenserts, E-Z Lok, Hole Savers and other brands of Inch.

Features:

- Unit of Measure: Inch and metric
- External Thread Type: Left-handed
- Insert Type: Self-tapping
- Hex head installer included in each package
- Internal Threads: Inch: Class 2B, Metric: Class 6H
- External Thread Profile: standard, with flat crest
- Material: S-7 tool steel
- Hardness: 62RC, core 45RC, case hardened
- Lifetime warranty



Item Number	Thread	Thread Size	Package Qty.	Height
C625-HW	Inch	5/8" - 11	4 Pieces	No
C750-HW	Inch	3/4" - 10	4 Pieces	No
C1000-HW	Inch	1" - 8	3 Pieces	No
C1250-HW	Inch	1 1/4" - 7	2 Pieces	No
K-C625-HW	Inch	5/8" - 11	4 Pieces	Yes
K-C750-HW	Inch	3/4" - 10	4 Pieces	Yes
M16-HW	Metric	M16 x 2.0	4 Pieces	No
M20-HW	Inch	M20 x 2.5	4 Pieces	No
M24-HW	Metric	M24 x 3.0	3 Pieces	No
M30-HW	Inch	M30 x 3.5	2 Pieces	No
K-M16-HW	Metric	M16 x 2.0	4 Pieces	Yes
K-M20-HW	Inch	M20 x 2.5	4 Pieces	Yes

C-Sert™ Magnetic Drills

PCS Company offers C-Sert™ Magnetic Drills as the portable and lightweight solution to drilling out stripped or oversized threads in platens or equipment. The 29lb and 35lb mag drills are fast and easy to set up with one person. Powered by 110V / single phase with direct surface clamp-ing force options of 3080 lb and 4500 lb. The arbor bores are 3/4" Weldon shank with either a Morse Taper #2 or Morse Taper #3 spindle. RPM rates range from 70 to 580 depending on the mag drill. Ensure the mag drill is centered with the hole by using the 60° Center and then open the hole using our annular cutters.

Features:

- Power: 110v / Single Phase
- RPM: 70-580
- Reversible
- Clamping Force: 3080 and 4500 lbs
- Unit of Measure - Inch
- Shank: 3/4" Weldon
- Spindle: MT2 and MT3
- Weight: 29lb and 35lb



Item Number	Motor	Magnet	Magnet Base	Drill Dims.	Speeds	Arbor	Spin-dle	Coolant	Lbs.	Rever-sible
MD-9	10.5 Amp, 110 Volt	3080 lbs	6 5/8"L x 3 13"W	17"H x 9 1/2"L x 6 1/2"W	250 rpm & 450 rpm	3/4" Weldon shank	MT2	External bottle	29	Yes
MD-35	14.5 Amp, 110 Volt	4500 lbs	7 1/8"L x 3 1/2"W	19"H x 11 3/4"L x 6 3/4"W	70-280 & 80-580 rpm	3/4" Weldon shank	MT3	Internal reservoir	35	Yes

C-Sert™ - Annular Cutters

PCS Company offers C-Sert™ Annular Cutters for permanent thread repair inserts. The annular cutters range from 13/16" to 2-3/4" diameter with lengths from 2" to 4". For extended wear life, the annular cutters contain cobalt and are best used with C-Sert paste lubricant. The annular cutters can be used for both inch and metric C-Sert inserts.

Features:

- Use for inch and metric C-Sert thread repair inserts
- Diameters: 13/16" to 2-3/4"
- Length: 2", 3" and 4"
- 2" long high-speed coated steel cutters for small & medium C-Sert inserts
- 3" and 4" long carbide-tipped cutters for the largest C-Serts.
- Cutters contain cobalt for extended life
- Use with Paste Lubricant



Item Number	Diameter	Length (inch)
AC812-2	13/16"	2"
AC937-2	15/16"	2"
AC1000-2	1"	2"
AC1062-2	1 1/16"	2"
AC1125-2	1 1/8"	2"
AC1312-2	1 5/16"	2"
AC1375-2	1 3/8"	2"
AC1250-3	1 1/4"	3"
AC1437-3	1 7/16"	3"
AC1500-3	1 1/2"	3"
AC1750-3	1 3/4"	3"
AC1937-4	1 15/16"	4"
AC2000-4	2"	4"
AC2250-4	2 1/4"	4"
AC2500-4	2 1/2"	4"
AC2750-4	2 3/4"	4"

C-Sert™ Paste Lubricant

PCS Company offers C-Sert Paste Lubricant in a 12 ounce plastic container. The lubricant is used when mag drilling situations are not optimum for coolant feed. Simply apply the paste into the annular cutter.

Features:

- 12 ounce plastic container
- Use with annular cutters



Item Number	Container Size	Container Material
PL-12	12 oz	Plastic

C-Sert™ 60 Degree Center

PCS Company offers C-Sert™ 60 Degree Center to be used with a magnetic drill for precise alignment when repairing a threaded hole in a platen or piece of equipment. The shank is 3/4" Weldon with 2 flats. Material is S-7 tool steel and hardened to 56 RC.

Features:

- Degree: 60°
- Material: S-7 Tool Steel
- Hardness: 65 RC
- Shank: Weldon
- Flats: 2



Item Number	Degree	Shank	Material	Hardness
C-60	60°	3/4" Weldon	S-7	56 RC