Equipment Ground Plates

Cast Ground Plates

- Convenient ground system connection points in concrete structures
- Used for equipment, machinery and structure grounding
- Made from a copper alloy
- Result in current carrying capacity equal to that of the conductor or stud
- Will not loosen or corrode

Use a CADWELD® mold (Type TA or Type SS) when connecting the ERITECH® brand of cast ground plate to the ground conductor. The cast ground plate stud size noted above fits the mold opening for a cable of the same size. Reference CADWELD catalog (A1A) for more information.
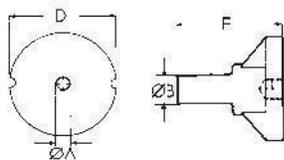
Examples:
- Tee connection of 250 cable to B1642Q (4/0 stud size), use mold TAC2V2Q.
- Splice connection of 250 cable to B1642Q, use mold SSC2Q2V.
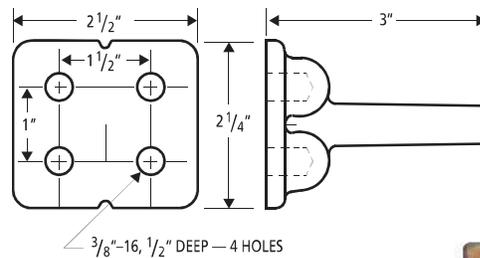
Clamp Style Ground Plate

- Cast bronze grounding plate
- Dimensions similar to B164 Series
- Cable connection under bolt tension

LPC682
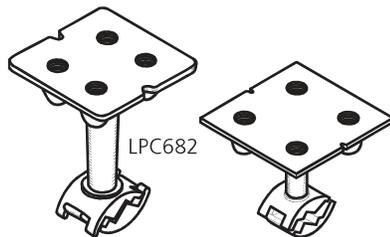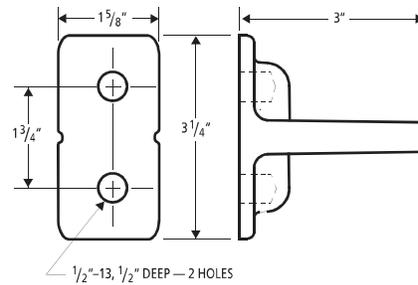
DB Series

Reference Code	øA	øB (mm)	øD (mm)	F (mm)
DB-10A	M10	16	50	55
DB-12A	M12	16	50	55
DB-16A	M16	16	50	55

$2^1/2$" $1^1/2$" 1" 3" $2^1/4$"

$3/8$"–16, $1/2$" DEEP — 4 HOLES

Part No.	Description
B1612Q	Cast ground plate with 4/0 stud
B1613Q	Cast ground plate with 500 MCM stud

$1^5/8$" $1^3/4$" 3" $3^1/4$"

$1/2$"–13, $1/2$" DEEP — 2 HOLES

Part No.	Description
B1622Q	Cast ground plate with 4/0 stud

$3^1/4$" $1^3/4$" $1^3/4$" 3" $3^1/4$"
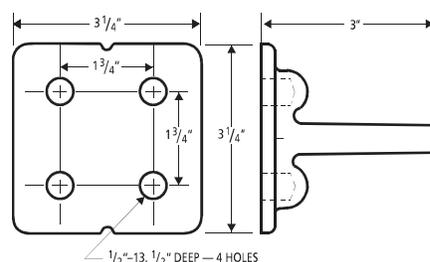
$1/2$"–13, $1/2$" DEEP — 4 HOLES

Part No.	Description
B1642Q	Cast ground plate with 4/0 stud
B1643Q	Cast ground plate with 500 MCM stud
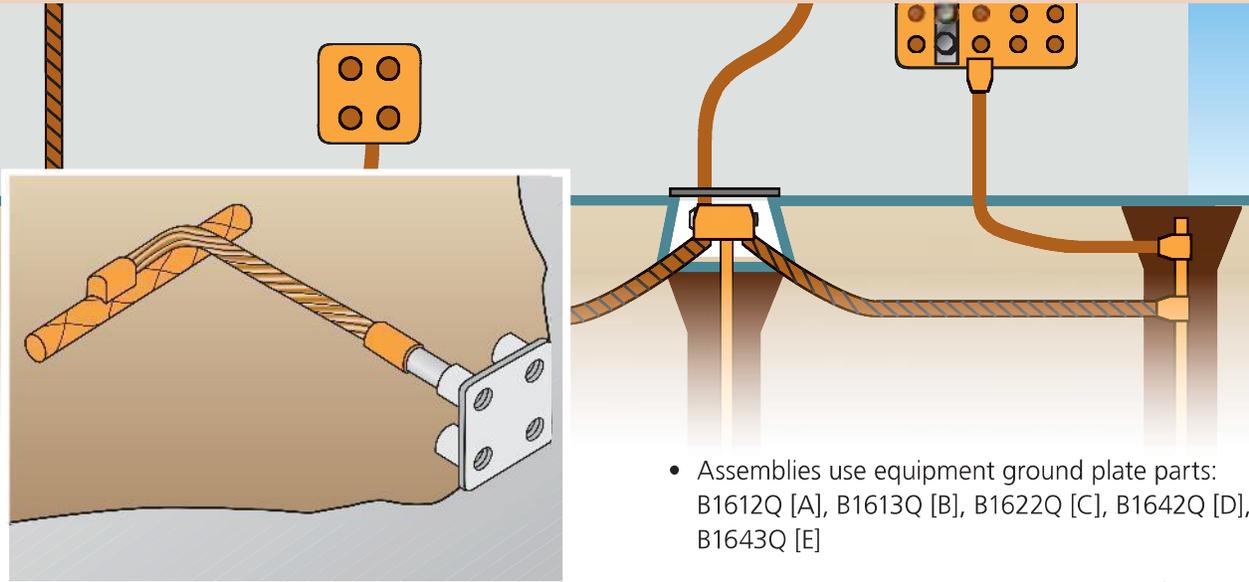
- Assemblies use equipment ground plate parts: B1612Q [A], B1613Q [B], B1622Q [C], B1642Q [D], and B1643Q [E]

- Custom lengths available; contact ERICO for details

B530 A 2Q 72

Ground Plate Configuration

RA = "B530"
RB = "B531"
SS = "B532"
TA = "B533"

Ground Plate Part Number

B1612Q = "A"
B1613Q = "B"
B1622Q = "C"
B1642Q = "D"
B1643Q = "E"

Cable Code

#6 Solid = 1G	1/0 Stranded = 2C	250 MCM Stranded = 2V
#4 Stranded = 1L	2/0 Stranded = 2G	350 MCM Stranded = 3D
#2 Stranded = 1V	4/0 Stranded = 2Q	500 MCM Stranded = 3Q

Cable Length (inches)

B531 — RA

B530 — RB

B532 — SS — L

B533 — TA — L

ERICO®