

SCREW & CAP ASSEMBLIES

MECHANICAL JACKS

Versatile accessories for **outrigger supports, holding and adjusting concrete forms**, or for any application requiring special holding or shoring support.

The shouldered nut is placed into piping or another fixed form, and the screw & cap assembly is threaded through it. Four-way head assembly accommodates the lever bar at four different positions for infinite height adjustments and exact leveling.

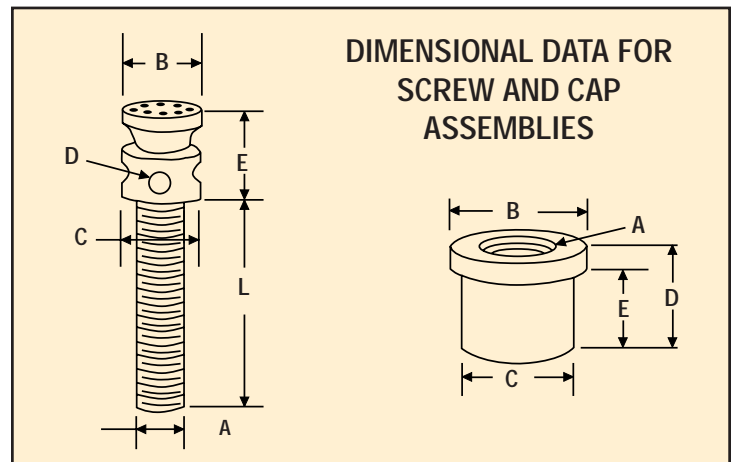
Drop forged serrated steel cap floats 9° on a chrome-moly ball reducing friction by 88%.



The shoulder nut is placed into piping, fixtures or other fixed forms supplied by the user.



144 Screw and Cap assemblies support the outer wall of a large generator assembly at the Grand Coulee Dam. The assemblies also are used to exert pressure, stabilizing the generator laminations.



Screw & Cap Assemblies

| Model Number | Order Number | Sustaining Capacity (tons) | Modified Acme Thread Dia.-Pitch | Dimensions | | | | | Weight (lbs) | Steel Lever Bars | | | |
|----------------|--------------|----------------------------|---------------------------------|------------|---------|---------|---------|----------|--------------|------------------|-------------|----------|--------------|
| | | | | B (in.) | C (in.) | D (in.) | E (in.) | L (in.) | | Order Number | Length (in) | Dia (in) | Weight (lbs) |
| 1 1/2 BC-30-6 | 03568 | 12 | 1 1/2 - 3 | 2 7/8 | 2 1/4 | 7/8 | 3 3/4 | 5 11/16 | 5 1/2 | 10621 | 24 | 3/4 | 4 |
| 1 1/2 BC-30-8 | 03570 | | | | | | | 7 11/16 | 6 1/4 | | | | |
| 1 1/2 BC-30-12 | 03574 | | | | | | | 11 11/16 | 7 3/4 | | | | |
| 2 BC-30-8 | 03582 | 20 | 2 - 2 1/2 | 3 1/8 | 2 7/8 | 15/16 | 4 | 7 9/16 | 10 1/2 | 10635 | 36 | 13/16 | 6 |
| 2 BC-30-10 | 03584 | | | | | | | 9 9/16 | 12 | | | | |
| 2 BC-30-12 | 03586 | | | | | | | 11 9/16 | 13 1/2 | | | | |
| 2 1/2 BC-30-8 | 03600 | 24 | 2 1/2 - 2 1/2 | 3 1/4 | 3 1/4 | 1 3/16 | 5 1/16 | 7 13/16 | 16 3/4 | 10655 | 42 | 1 1/8 | 12 |
| 2 1/2 BC-30-12 | 03602 | | | | | | | 11 13/16 | 21 3/4 | | | | |
| 2 1/2 BC-30-18 | 03608 | | | | | | | 17 13/16 | 29 1/4 | | | | |

Shoulder Nuts

| | | | | | | | | | |
|-------------|-------|------|---------------|---|---------|-------|-------|------|-------|
| 1 1/2 NS-25 | 03620 | ---- | 1 1/2 - 3 | 3 | 2 13/32 | 3 | 2 1/4 | ---- | 3 1/4 |
| 2 NS-25 | 03625 | | 2 - 2 1/2 | 4 | 3 | 3 1/4 | 2 1/4 | ---- | 5 |
| 2 1/2 NS-25 | 03630 | | 2 1/2 - 2 1/2 | 5 | 3 15/16 | 4 | 3 | ---- | 11 |