

Seismic Anchor and Bolt

ND-A10

Seismic Anchor



ND-A11

Seismic Anchor



ND-B10

High Tensile Anchor



- **Features**

The seismic anchor is designed to use by inserting into a preconfigured anchor hole. The sleeve is expanded to fit the anchor size to be fixed by a tightening nut.

- **Material** : Rolled steel

| Model name | Diameter (mm) | Anchor length (mm) | Effective anchorage depth (mm) | Tensile load (kN) | Shear load (kN) | Thread length (mm) |
|------------|---------------|--------------------|--------------------------------|-------------------|-----------------|--------------------|
| ND-A1012 | 12 | 90 | 60 | 10.5 | 12 | 30 |
| ND-A1012 | 12 | 105 | 70 | 12.5 | 12 | 48 |
| ND-A1110 | 10 | 70 | 45 | 7.2 | 7.8 | 50 |
| ND-A1116 | 16 | 130 | 75 | 16.5 | 24 | 55 |
| ND-B1010 | 10 | 100 | 80 | 24 | 56.8 | 30 |
| ND-B1016 | 16 | 130 | 100 | 33.5 | 78.8 | 45 |
| ND-B1020 | 20 | 170 | 120 | 46.5 | 110.4 | 50 |

ND-N10 Lock Nut



- **Features**

When a friction ring contacts threads of a bolt, stress is generated by spring action. The repulsive force pressures the threads of the bolt, generating frictional torque that blocks free rotation. It is easy to couple, as skilled technique and dedicated tools are not necessary, and it shows stable anti-loosening.

- **Application** : Facilities where swaying and repeated load is applied

| Model name | Specification | B (mm) | H (mm) | Installation torque (N·m) |
|------------|---------------|--------|--------|---------------------------|
| ND-N10-12 | M12 | 24 | 18 | 62 |
| ND-N10-16 | M16 | 30 | 20 | 155 |
| ND-N10-20 | M20 | 36 | 24 | 300 |
| ND-N10-24 | M24 | 42 | 30 | 520 |