



GYPSEMNA

**EYE HOLE
ANCHOR**

**GRID CEILING
SYSTEM**

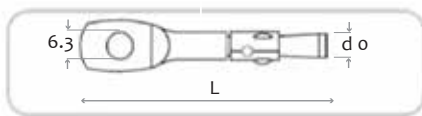


DESCRIPTION

The suspension Anchor features a body diameter matches the hole diameter, providing maximum shear capacity for the given hole size. Its cold-forged construction ensures superior strength and reliability. The anchor is designed to achieve maximum expansion of the sleeve. This action is further assisted by the application of load - making it ideal for suspension applications. The gripping lugs on the expansion sleeve engage the sides of the hole ensuring full expansion during setting.

SIZE

| | |
|---------------------|------------|
| Diameter | d = 6.0mm |
| Drill hole diameter | do = 6.0mm |
| Length | L = 60mm |



NOTE

1. Values represent the maximum recommended working load in tension.
2. Tension loads are provided for static load conditions only.
3. A minimum hole depth of 50mm is required.
4. The Suspension anchors only to be used for gravitational tensile applications.

TECHNICAL DATA

| | |
|--------------------------------|----------------------------|
| Recommended load in tension | 1.88KN |
| Recommended bending resistance | 2.0Nmm |
| Concrete grade | C20/C25 |
| Coating | Zinc coating (3-5 microns) |

INSTALLATION GUIDE

1. Drill a 6 mm diameter hole, to the recommended depth, into the concrete soffit. Remove debris using a hand pump, compressed air, or vacuum.
 2. Insert the anchor into the hole and tap with a hammer until it cannot go further.
 3. Using the claw of a hammer, pull down on the head of the anchor until set.
- Drill hole diameter, do = 6.0mm
 Minimum Drill hole depth, ho = 50mm
 Effective embedment, hef= 45mm
 Minimum edge distance = 50mm
 Minimum concrete thickness = 100mm

