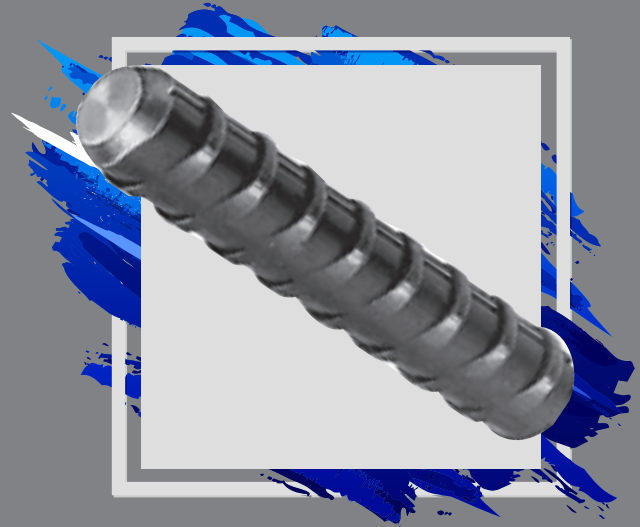


Infrastructure – Water Proofing Stage

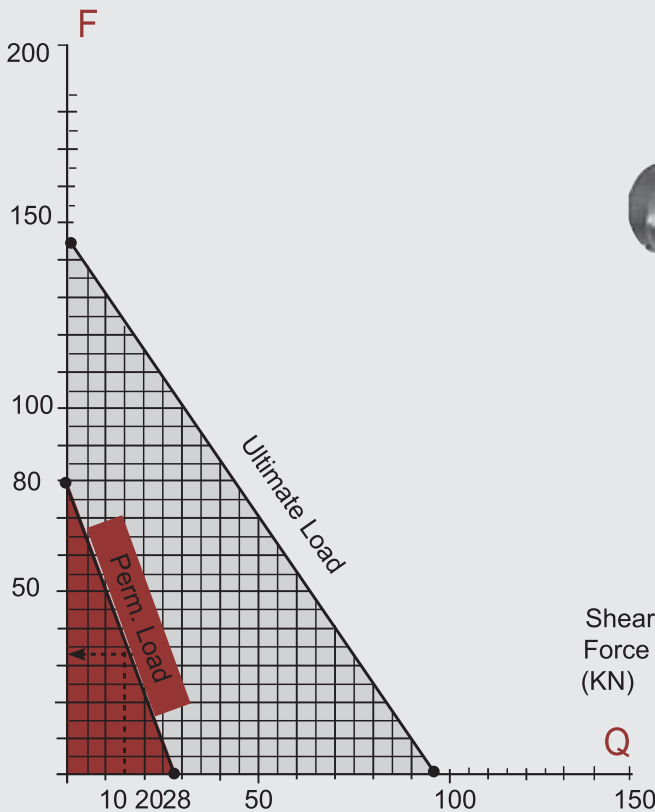
TIE BAR SYSTEM



TIE RODS

- Form tie rods DG 15/17 made from mild steel and steel EN 8 are threaded along their entire length. Natural finish with anti rust coating.
- Core diameter = 15mm (outer diameter= 17mm).
- Weight 1.44 Kg/m
- Permissible load (breaking and working load) as per DIN 18216 | $F_{perm.} = 80-90$ KN
- Permissible shear load (breaking and working load) | $Q_{perm.} = 28$ KN
- Ultimate tensile load (breaking and working load) | $F_{ult.} = 146$ KN
- Yield force $F_{yield} = 121$ KN
- Rupture elongation $E_{rup} = 15\%$
- Safety regulation: Do not weld and heat tie rods because there will be danger of cracking!

Tensile Force (KN)



Code	Size
UC-0120-C-GSTRD3	DG 15/17 x 3 LM
UC-0130-C-GSTRD6	DG 15/17 x 6 LM

LOCATION

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