

GW316-HLP Low Profile Hexagonal Threaded Insert

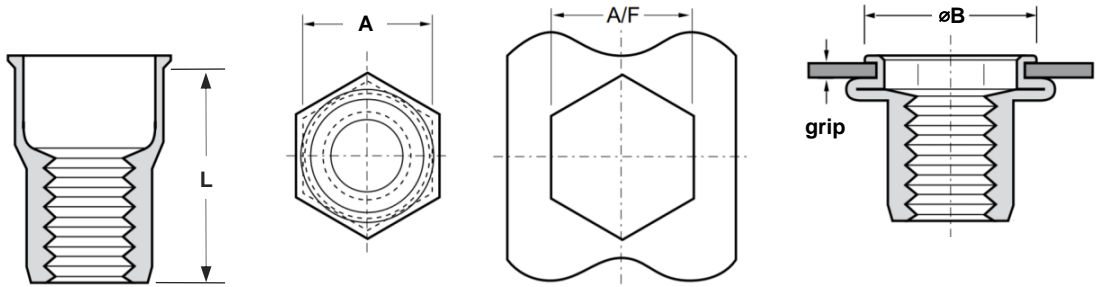
Stainless steel 316 · Low profile · Hexagonal · Open end
M4 - M10

Features

- Designed to provide load bearing threads in thin sheet materials
- Low profile head allows near flush fit to application
- Hexagonal section and bore improves torque-to-turn in components via form lock when compared to round and splined inserts
- Extra high corrosion resistance

Material

- Stainless steel 316



Before Placement

After Placement

| Part No. | Thread Size | Grip Range | | Hole Size A/F | A | øB | D | L |
|-------------------|-------------|------------|------|---------------|------|------|-----|------|
| | | min. | max. | | | | | |
| GW316-HLPM4-0520 | M4 | 0.5 | 2.0 | 6.0 | 6.0 | 6.5 | 0.5 | 11.0 |
| GW316-HLPM5-0530 | M5 | 0.5 | 3.0 | 7.0 | 7.0 | 7.5 | 0.5 | 12.0 |
| GW316-HLPM5-3050 | | 3.0 | 5.0 | | | | | 14.0 |
| GW316-HLPM6-0530 | M6 | 0.5 | 3.0 | 9.0 | 9.0 | 9.7 | 0.5 | 14.5 |
| GW316-HLPM6-3050 | | 3.0 | 5.0 | | | | | 16.5 |
| GW316-HLPM8-0530 | M8 | 0.5 | 3.0 | 11.0 | 11.0 | 11.8 | 0.5 | 16.0 |
| GW316-HLPM8-3055 | | 3.0 | 5.5 | | | | | 18.5 |
| GW316-HLPM10-0835 | M10 | 0.8 | 3.5 | 13.0 | 13.0 | 13.8 | 0.7 | 21.0 |
| GW316-HLPM10-3560 | | 3.5 | 6.0 | | | | | 23.5 |

| Thread Size | Max. torque | Pull-out | Torque-to-turn | Shear strength |
|-------------|-------------|----------|----------------|----------------|
| | Nm max. | Kn | Nm | kN |
| M4 | > ~7.1 | > ~10.8 | ~6.0 | ~3.7 |
| M5 | ~15.0 | > ~15.5 | > ~9.0 | ~4.8 |
| M6 | > ~23.0 | ~24.5 | > ~22.0 | ~7.2 |
| M8 | > ~64.0 | ~39.0 | ~32.0 | ~9.4 |
| M10 | > ~70.0 | > ~43.0 | > ~50.0 | ~10.2 |