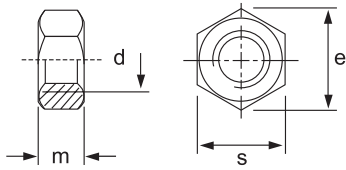


Hexagon Nut, High Tensile Steel and Stainless Steel

Metric Series



Product Specifications

| | |
|---------------|--|
| Grade | Steel - 8, 10 Stainless Steel - A2-70, A4-80 |
| Standard | Steel - BS EN ISO 898 Stainless Steel - BS EN ISO 3506-2 / BS 6105 |
| Specification | Steel - BS 3692 / BS 4190 / DIN 934 / ISO 4032 Stainless Steel - BS 3692 / DIN 934 / ISO 4032 |
| Finishing | Zinc Plated to ISO 4042 Hot Dip Galvanized to ISO 1461 Stainless Steel to BS EN ISO 3506 |

Mechanical & Physical Properties

| Property Class | Steel | | Stainless steel | |
|--|-------|------|-----------------|-----|
| | 8 | 10 | 70 | 80 |
| Proof load stress (N/mm ²) | 800 | 1000 | 700 | 800 |

Dimensions

| | Nominal Size d | Nominal stress area (mm ²) | Thread pitch (coarse) | Width across flats s | | Width across corners e | | Thickness m |
|--------------------|-------------------|---|-----------------------|-------------------------|-------------|---------------------------|------|----------------|
| | | | | max. | min. | max. | min. | |
| DIN 934 / ISO 4032 | M6 | 20.1 | 1.00 | 10.0 | 11.05 | 5.0/5.2 | | |
| | M8 | 36.6 | 1.25 | 13.0 | 14.38 | 6.5/6.8 | | |
| | M10 | 58 | 1.50 | 17.0/16.0 | 18.90/17.77 | 8.0/8.4 | | |
| | M12 | 84.3 | 1.75 | 19.0/18.0 | 21.10/20.03 | 10.0/10.8 | | |
| | M16 | 157 | 2.00 | 24.0 | 26.75 | 13.0/14.8 | | |
| | M20 | 245 | 2.50 | 30.0 | 32.95 | 16.0/18.0 | | |
| | M24 | 353 | 3.00 | 36.0 | 39.55 | 19.0/21.5 | | |
| | M30 | 561 | 3.50 | 46.0 | 50.85 | 24.0/25.6 | | |
| BS 3692 | M6 | 20.1 | 1.00 | 10.0 | 11.05 | 5.0 | | |
| | M8 | 36.6 | 1.25 | 13.0 | 14.38 | 6.5 | | |
| | M10 | 58 | 1.50 | 17.0 | 18.90 | 8.0 | | |
| | M12 | 84.3 | 1.75 | 19.0 | 21.10 | 10.0 | | |
| | M16 | 157 | 2.00 | 24.0 | 26.75 | 13.0 | | |
| | M20 | 245 | 2.50 | 30.0 | 33.53 | 16.0 | | |
| | M24 | 353 | 3.00 | 36.0 | 39.98 | 19.0 | | |
| | M30 | 561 | 3.50 | 46.0 | 51.28 | 24.0 | | |
| BS 4190 | M6 | 20.1 | 1.00 | 10.0 | 10.89 | 5.38 | | |
| | M8 | 36.6 | 1.25 | 13.0 | 14.20 | 6.88 | | |
| | M10 | 58 | 1.50 | 17.0 | 18.72 | 8.45 | | |
| | M12 | 84.3 | 1.75 | 19.0 | 20.88 | 10.45 | | |
| | M16 | 157 | 2.00 | 24.0 | 26.17 | 13.55 | | |
| | M20 | 245 | 2.50 | 30.0 | 32.95 | 16.55 | | |
| | M24 | 353 | 3.00 | 36.0 | 39.55 | 19.65 | | |
| | M30 | 561 | 3.50 | 46.0 | 50.85 | 24.65 | | |
| M36 | 817 | 4.00 | 55.0 | 60.79 | 29.65 | | | |

all unit in mm unless specified

Ordering Example

| Part No. | Description |
|-----------|--|
| HN10ZP8 | M10 Hexagon Nut, Grade 8, Zinc Plated (ZP) |
| HN10HDG8 | M10 Hexagon Nut, Grade 8, Hot Dip Galvanized (HDG) |
| HN10A2-70 | M10 Stainless Steel Hexagon Nut, Grade A2-70 (SS304) |
| HN10A4-80 | M10 Stainless Steel Hexagon Nut, Grade A4-80 (SS316) |