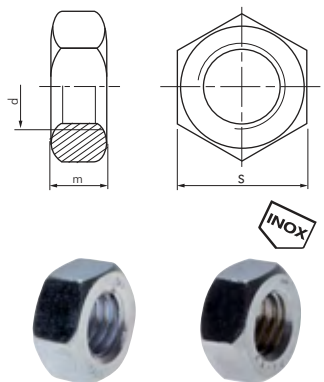


Hexagonal nuts

DIN 934/ISO 4032

Optional: Stainless steel A4 -ES4A



| Type zinc-plated steel 8 | Type stainless steel A2 | d | m | s |
|--------------------------|-------------------------|------|-----|-----|
| 934-M3 | 934-M3 ES | M 3 | 2.4 | 5.5 |
| 934-M4 | 934-M4 ES | M 4 | 3.2 | 7 |
| 934-M5 | 934-M5 ES | M 5 | 4 | 8 |
| 934-M6 | 934-M6 ES | M 6 | 5 | 10 |
| 934-M8 | 934-M8 ES | M 8 | 6.5 | 13 |
| 934-M10 | 934-M10 ES | M 10 | 8 | 17 |
| 934-M12 | 934-M12 ES | M 12 | 10 | 19 |
| 934-M14 | 934-M14 ES | M 14 | 11 | 22 |
| 934-M16 | 934-M16 ES | M 16 | 13 | 24 |
| 934-M18 | 934-M18 ES | M 18 | 15 | 27 |
| 934-M20 | 934-M20 ES | M 20 | 16 | 30 |
| 934-M22 | 934-M22 ES | M 22 | 18 | 32 |

| Type zinc-plated steel 8 | Type stainless steel A2 | d | m | s |
|--------------------------|-------------------------|------|----|----|
| 934-M24 | 934-M24 ES | M 24 | 19 | 36 |
| 934-M27 | 934-M27 ES | M 27 | 22 | 41 |
| 934-M30 | 934-M30 ES | M 30 | 24 | 46 |
| 934-M33 | 934-M33 ES | M 33 | 26 | 50 |
| 934-M36 | 934-M36 ES | M 36 | 29 | 55 |
| 934-M39 | --- | M 39 | 31 | 60 |
| 934-M42 | --- | M 42 | 34 | 65 |
| 934-M45 | --- | M 45 | 36 | 70 |
| 934-M48 | --- | M 48 | 38 | 75 |
| 934-M56 | --- | M 56 | 45 | 85 |
| 934-M60 | --- | M 60 | 48 | 90 |

Ordering example of other threads: 934- **

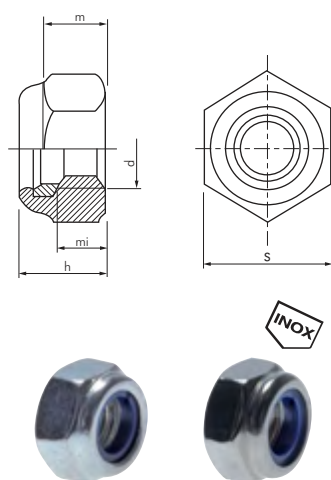
Designation for the options:
Stainless steel A4 -ES4A

Standard type

Required threads

Hexagonal nuts, self-locking with plastic compression rings

DIN 985/ISO 10511



| Type zinc-plated steel 6/8* | Type stainless steel A2 | d | h | m (min) | mi (min) | s |
|-----------------------------|-------------------------|------|------|---------|----------|-----|
| 985-M3 | 985-M3 ES | M 3 | 4 | 2.4 | 1.65 | 5.5 |
| 985-M4 | 985-M4 ES | M 4 | 5 | 2.9 | 2.2 | 7 |
| 985-M5 | 985-M5 ES | M 5 | 5 | 3.2 | 2.75 | 8 |
| 985-M6 | 985-M6 ES | M 6 | 6 | 4 | 3.3 | 10 |
| 985-M8 | 985-M8 ES | M 8 | 8 | 5.5 | 4.4 | 13 |
| 985-M10 | 985-M10 ES | M 10 | 10 | 6.5 | 5.5 | 17 |
| 985-M12 | 985-M12 ES | M 12 | 12 | 8 | 6.6 | 19 |
| 985-M14 | 985-M14 ES | M 14 | 14 | 9.5 | 7.7 | 22 |
| 985-M16 | 985-M16 ES | M 16 | 16 | 10.5 | 8.8 | 24 |
| 985-M18 | 985-M18 ES | M 18 | 18.5 | 13 | 9.9 | 27 |
| 985-M20 | 985-M20 ES | M 20 | 20 | 14 | 11 | 30 |
| 985-M22 | 985-M22 ES | M 22 | 22 | 15 | 12.2 | 32 |
| 985-M24 | 985-M24 ES | M 24 | 24 | 15 | 13.2 | 36 |
| 985-M27 | --- | M 27 | 27 | 17 | 14.8 | 41 |
| 985-M30 | --- | M 30 | 30 | 19 | 16.5 | 46 |
| 985-M33 | --- | M 33 | 33 | 22 | 18.2 | 50 |
| 985-M36 | --- | M 36 | 36 | 25 | 19.8 | 55 |
| 985-M39 | --- | M 39 | 39 | 27 | 21.5 | 60 |

* in line with manufacturer's choice

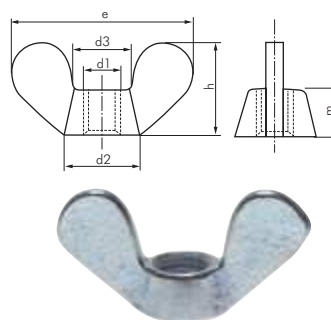
Ordering example of other threads: 985- **

Standard type

Required threads

Wing nuts

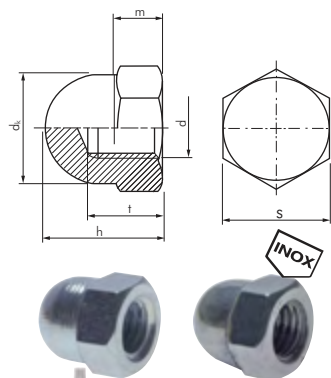
DIN 315



| Type mall. cast iron galvanised | d1 | d2 (max) | d3 (max) | e (max.) | h (max.) | m (max) |
|---------------------------------|------|----------|----------|----------|----------|---------|
| 315-M4 | M 4 | 8 | 7 | 20 | 10.5 | 4.6 |
| 315-M5 | M 5 | 11 | 9 | 26 | 13 | 6.5 |
| 315-M6 | M 6 | 13 | 11 | 33 | 17 | 8 |
| 315-M8 | M 8 | 16 | 12.5 | 39 | 20 | 10 |
| 315-M10 | M 10 | 20 | 16.5 | 51 | 25 | 12 |
| 315-M12 | M 12 | 23 | 19.5 | 65 | 33.5 | 17 |
| 315-M16 | M 16 | 29 | 23 | 73 | 37.5 | 17 |
| 315-M20 | M 20 | 35 | 29 | 90 | 46.5 | 21 |

Cap nuts, high shape

DIN 1587



| Type zinc-plated steel 6 | Type stainless steel A2 | d | dk | h | m | t | s |
|--------------------------|-------------------------|------|------|----|-----|-----|----|
| 1587-M3 | 1587-M3 ES | M 3 | 5.5 | 6 | 2.5 | 4.1 | 5 |
| 1587-M4 | 1587-M4 ES | M 4 | 6.5 | 8 | 3.2 | 5.5 | 7 |
| 1587-M5 | 1587-M5 ES | M 5 | 7.5 | 10 | 4 | 7.5 | 8 |
| 1587-M6 | 1587-M6 ES | M 6 | 9.5 | 12 | 5 | 8 | 10 |
| 1587-M8 | 1587-M8 ES | M 8 | 12.5 | 15 | 6.5 | 11 | 13 |
| 1587-M10 | 1587-M10 ES | M 10 | 16 | 18 | 8 | 13 | 17 |
| 1587-M12 | 1587-M12 ES | M 12 | 18 | 22 | 10 | 16 | 19 |
| 1587-M14 | 1587-M14 ES | M 14 | 21 | 25 | 11 | 18 | 21 |
| 1587-M16 | 1587-M16 ES | M 16 | 23 | 28 | 13 | 21 | 24 |
| 1587-M18 | 1587-M18 ES | M 18 | 26 | 32 | 15 | 25 | 27 |
| 1587-M20 | 1587-M20 ES | M 20 | 28 | 34 | 16 | 26 | 30 |
| 1587-M24 | 1587-M24 ES | M 24 | 34 | 42 | 19 | 31 | 36 |

Ordering example of other threads: 1587- **

Standard type

Required threads

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.