

Fine-Rolled Threaded Bar Nuts

Nominal diameter · dimensions · unit weight · material · surface · packaging and ordering



Nominal diameter

Φ15-Φ75

Material options

45# / 40Cr / ductile iron

Supply

Standard / drawing-based

Data comes from the existing nut specification table. Final model, thread compatibility and delivery data are subject to approved drawings and contract.

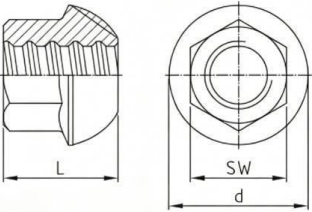
PRODUCT RANGE

Three configurations covering 29 sizes

Confirm matched bar, thread profile, load requirement and surface treatment during selection.

A

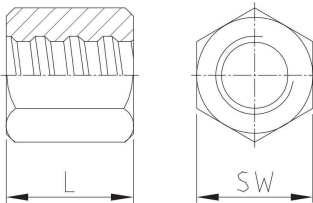
Mushroom-head nut



SW × L × d; 9 sizes; 0.27-6.62 kg/pc.

B

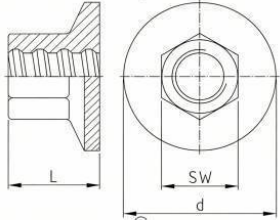
Precision hex nut



SW × L; 12 sizes; 0.18-7.20 kg/pc.

C

Steel-bar anchorage plate



SW × L × d; 8 sizes; 2.65-15.03 kg/pc.

Dimension symbols

Φ

Nominal matched bar diameter

d

Round exterior diameter

SW

Hexagonal width across flats

L

Overall axial length

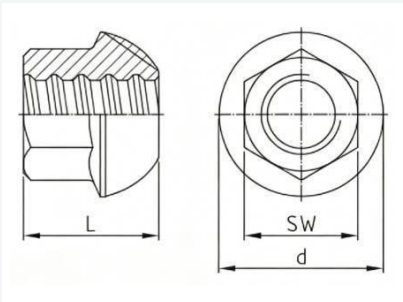
SERIES A

Mushroom-head nut

For disc/spherical bearing contact; confirm matched bearing plate and load conditions.

Nominal diameter Φ / mm	Dimensions / mm	Unit weight kg/pc
$\Phi 20$	$36 \times 45 \times 45$	0.27
$\Phi 25$	$45 \times 55 \times 55$	0.50
$\Phi 28$	$50 \times 60 \times 60$	0.67
$\Phi 32$	$60 \times 70 \times 70$	1.13
$\Phi 40$	$70 \times 100 \times 85$	2.20
$\Phi 50$	$80 \times 110 \times 100$	3.90
$\Phi 57.5$	$90 \times 110 \times 120$	3.79
$\Phi 63.5$	$100 \times 115 \times 144$	5.51
$\Phi 75$	$100 \times 120 \times 160$	6.62

Specification notes



Weights are nominal source-table values. Delivery weight and tolerances follow measurement, approved drawing and contract.

Material options: 45# and 40Cr. State the applicable standard, tolerance band and delivery condition in the order.

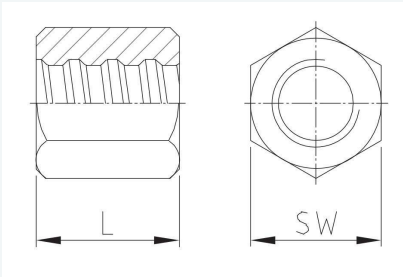
SERIES B

Precision hex nut

Hexagonal form supports wrench tightening; installation torque and load are project-confirmed.

Nominal diameter Φ / mm	Dimensions / mm	Unit weight kg/pc
$\Phi 15$	30 × 50	0.21
$\Phi 20$	32 × 45	0.18
$\Phi 22$	34 × 45	0.20
$\Phi 25$	50 × 60	0.70
$\Phi 28$	50 × 60	0.68
$\Phi 32$	60 × 72	1.10
$\Phi 36$	65 × 72	1.44
$\Phi 40$	70 × 100	2.20
$\Phi 50$	80 × 110	2.70
$\Phi 57.5$	90 × 110	3.70
$\Phi 65$	110 × 130	7.20
$\Phi 75$	100 × 120	4.00

Specification notes



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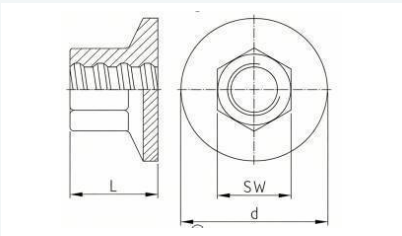
SERIES C

Steel-bar anchorage plate

Enlarged disc/base increases contact area; structural load design remains project responsibility.

Nominal diameter Φ / mm	Dimensions / mm	Unit weight kg/pc
$\Phi 25$	50 × 80 × 100	2.65
$\Phi 32$	60 × 100 × 120	4.70
$\Phi 36$	65 × 100 × 130	4.90
$\Phi 40$	70 × 100 × 150	7.10
$\Phi 50$	80 × 100 × 150	3.63
$\Phi 57.5$	90 × 115 × 175	6.96
$\Phi 63.5$	100 × 125 × 190	8.78
$\Phi 75$	120 × 150 × 230	15.03

Specification notes



Weights are nominal source-table values. Delivery weight and tolerances follow measurement, approved drawing and contract.

Material options: 45# and 40Cr. State the applicable standard, tolerance band and delivery condition in the order.

ORDER & DELIVERY

Packaging, inspection and ordering information

Thread fit, drawing, inspection, packaging and marking must be approved before production.

01

Packaging

- Separate sizes and pack in bags or cartons to the agreed weight.
- Use pallets or wooden cases with moisture barrier for transport.
- Apply rust preventive oil, separators or coating protection as ordered.

02

Inspection

- Check appearance, cracks, burrs, impact marks, coating and protection.
- Measure Φ , SW, d, L or plate and hole dimensions and critical tolerances.
- Use gauges or trial assembly with the matched bar where required.

03

Marking

- Product name, size, material, batch and quantity.
- Net/gross weight, case number and destination.
- Customer shipping mark and export documents as contracted.

04

Ordering details

- Select series and dimensions and provide a photo or drawing.
- Confirm thread, material, surface, quantity, tolerance and inspection.
- Approve sample/drawing, marking, delivery schedule and destination before production.

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