

Stainless Steel Hexagon Coupling Nuts DIN 6334



DIN 6334 stainless steel coupling nuts, also known as extension nuts, are elongated hexagon nuts designed to join or extend two externally threaded components, typically threaded bar or studs. The increased nut height provides enhanced thread engagement compared with standard hexagon nuts.

Applicable Standard

- **DIN 6334** – Hexagon coupling nuts (elongated)
- Mechanical properties in accordance with EN ISO 3506

Material

- A2/50 Stainless Steel (304)
- A4/50 Stainless Steel (316)
- A2/70 and A4/80 made to order

Sizes

M6–M36.

Specific Features

- Hexagon external profile
- Fully threaded internal bore
- Standard metric coarse thread

Performance

- Increased thread engagement for improved load distribution
- Suitable for external, corrosive, and marine environments
- Compatible with stainless steel threaded rod systems

Typical Applications

- Joining or extending stainless threaded bar or studding

- Structural tie bar systems
- Façade support and restraint assemblies
- Anchoring and holding down applications
- Civil, construction, and industrial engineering fixings

Installation Notes

- Tightened using standard spanners or sockets
- Full thread engagement recommended
- Anti galling measures advised for stainless steel assemblies

Dimensions & Design

Overall nut height approximately $3 \times$ nominal thread diameter, as defined by DIN 6334.

Thread Size (d)	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24	M27	M30	M33	M36
Pitch	1	1.25	1.5	1.75	2	2	2.5	2.5	2.5	3	3	3.5	3.5	4
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