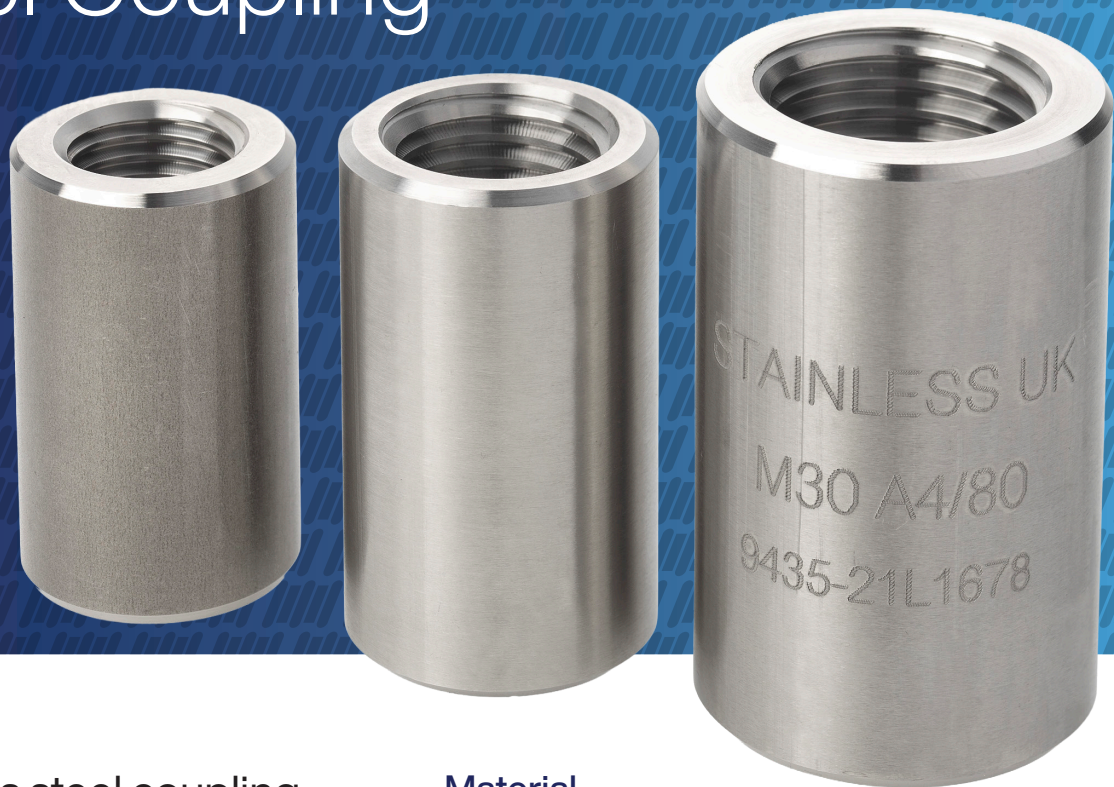


Round Stainless Steel Coupling



Round stainless steel coupling nuts, also known as coupling sleeves, are cylindrical internally threaded components used to join or extend externally threaded bar or studs. They are selected where a smooth external profile or reduced clearance is required.

Applicable Standard

- Non DIN / non ISO dimensional standard
- Manufactured to manufacturer's specification
- Mechanical properties aligned with EN ISO 3506 where applicable

Material

- A2 Stainless Steel (304)
- A4 Stainless Steel (316)

Sizes

M10–M52.

Specific Features

- Round (cylindrical) external profile
- Threaded both ends
- Metric coarse threads as standard

Performance

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

Typical Applications

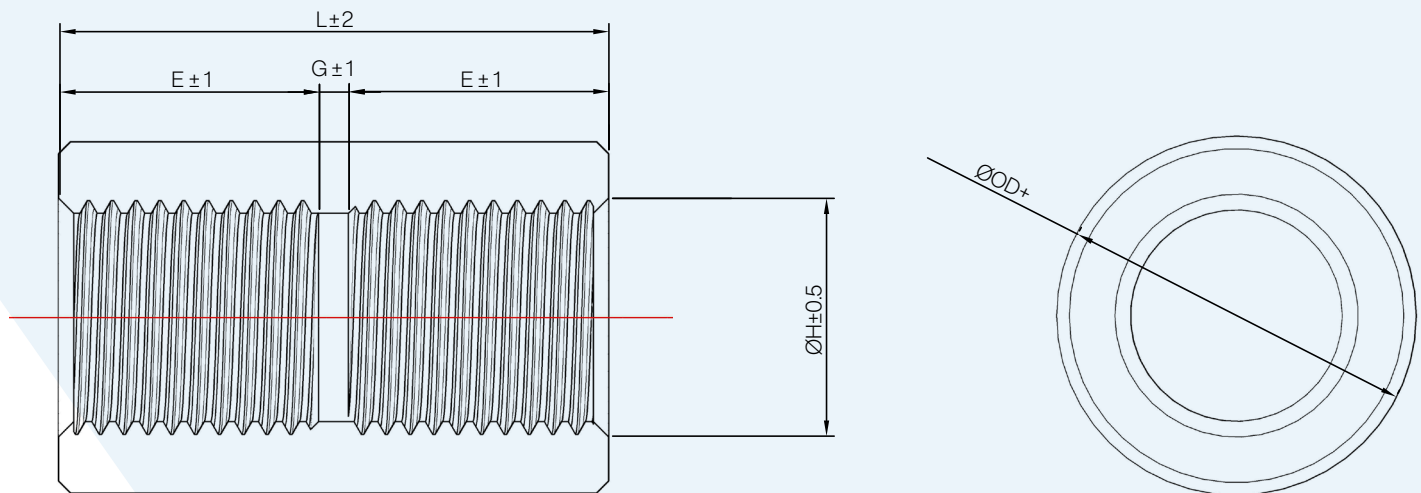
- Joining or extending threaded bar or studding
- Tie bar and restraint systems
- Façade and architectural support applications
- Mechanical and industrial assemblies
- Installations with limited spanner clearance

Installation Notes

- Not tightened using an external hex
- Installation method dependent on design variant
- Anti galling measures recommended for stainless steel assemblies

Dimensions & Design

Overall length and outside diameter vary by manufacturer.



Size	Pitch (mm)	Tolerance	OD (mm)	L (mm)	E (mm)	G (mm)	H (mm)
M10	1.5	6 H	14	27	12	3	11
M12	1.75	6 H	18	31	14	3	13
M16	2	6 H	22	43	19	5	17
M20	2.5	6 H	27	51	23	5	21
M24	3	6 H	33	61	28	5	25
M27	3	6 H	39	67	31	5	28
M30	3.5	6 H	42	73	34	5	31
M33	3.5	6 H	48	79	37	5	34
M36	4	6 H	50	87	41	5	37
M39	4	6 H	55	93	44	5	40
M42	4.5	6 H	63	99	47	5	43
M45	4.5	6 H	65	105	50	5	46
M48	5	6 H	70	113	54	5	49
M52	5	6 H	75	121	58	5	53