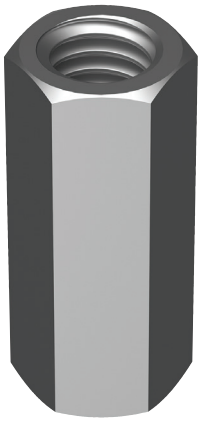
PRODUCT DATA

Hex Coupler - 316 Stainless

Connection of 2 male threads - most commonly threaded rod



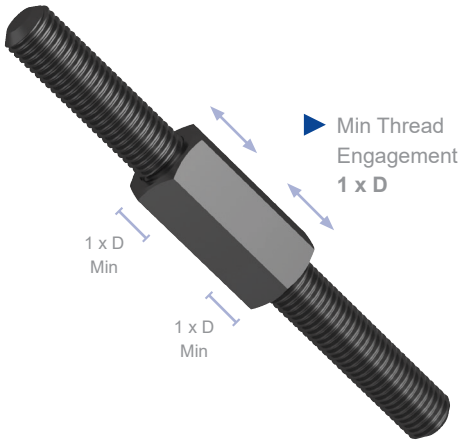
Mechanical Properties

Mechanical properties as per ISO3506: 2009 Class 50 (A4-50)

Testing completed at an ambient range of 10-35° C.
Mechanical properties are subject to variation outside this range.

ISO3506-2 - Table 2
Stress under proof load : 500 Mpa

Thread Engagement:
To achieve the required mechanical properties as stated in ISO 3506 Class 50 thread engagement must be minimum 1 x Diameter of the male threads being connected. The length of the coupler (3 x D) allows for adjustment at each end.



Chemical Compostion as per ISO3506- Table 1 (A4)

Material	316	AISI 316/A4 - 50	

Part	Thread D	Pitch	Spanner Size S	Length L	Nominal Stress Area of Engaged Male Thread mm²	Proof Load	Qty
	(mm)	(mm)	AF	(mm)	(mm)	(kN)	Pack
AXHC16PCM06	M6	1.00	10	18.0	20.1	10	100
AXHC16PCM08	M8	1.25	13	24.0	36.6	18	100
AXHC16PCM10	M10	1.50	16	30.0	58.0	29	100
AXHC16PCM12	M12	1.75	18	36.0	84.3	42	100
AXHC16PCM16	M16	2.00	24	50.0	157.0	78	50
AXHC16PCM20	M20	2.50	30	60.0	245.0	122	25
AXHC16PCM24	M24	3.00	36	72.0	353.0	176	20