

Threaded sleeve connector B1000R A4-80



Transition sleeve for connection of stainless steel threaded rods of quality A4-80 according to EN ISO 3506-1

Stock programme:

M12x50 B1000 Ø18
M16x60 B1000 Ø25
M20x70 B1000 Ø32
M24x80 B1000 Ø45
M30x90 B1000 Ø50
M33x100 B1000 Ø50
M36x110 B1000 Ø55

Technical information:

Stainless steel: 1.4404/1.4432 or equivalent according to NS EN 10088-1. Mechanical properties base material: ReH/Rm 450/800 MPa. Minimum tensile strength of sleeve is higher than for threaded rod grade A4-80 with corresponding thread dimension according to NS EN 3506-1.

Thread dimension	Diameter (mm)	Length (mm)	Stress area sleeve (As mm ²)*	Min tensile strength thread rod A4-80 acc. EN 3506-1 (kN)
M12	18	50	141	67
M16	25	60	290	125
M20	32	70	490	196
M24	38	80	682	282
M24	45	80	1138	282
M27	45	85	1018	367
M30	45	90	1257	448
M33	50	100	1108	555
M36	55	110	1358	653

*As = $\pi/4 * (\varnothing_b^2 - \varnothing_{nom}^2)$

$\varnothing_{nom}$ nominal diameter threaded rod

3.1 certificate can be delivered upon request.

Option: can also be supplied in duplex material 1.4462

Accessories:

Nut: DIN 934 / ISO 4032

Washer: DIN 125 / ISO 7089

Threaded Rod: DIN 976 grade A4-80 acc. to NS EN ISO 3506-1