

art.MFA art.MFI

STEEL THREADED SLEEVE NUT "MFA" made in R80 burnished steel (36SmPb14) , for TR10/80 bars.

STAINLESS STEEL THREADED SLEEVE NUT "MFI" made in AISI 303 stainless steel, for TR 10/80 bars.

They are ideal accessories to be used as fixed or semi-fixed shoulders for axial bearings or bushes on trapezoidal threaded bars with cylindrical shank. The load is supported by the thread of the sleeve on the shank whilst the locking mechanism (to prevent unscrewing) takes place via pinning and/or the welding of the sleeve nut itself using special electrodes: *Castolin "EC4080"* for MFA, *Castolin "33500"* for MFI (electrodes available from us).

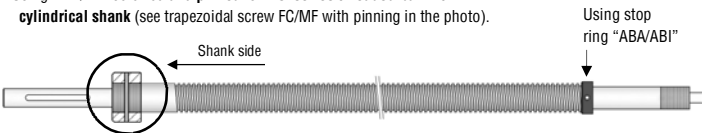
Normally, as shown in the photos, the sleeve nut is supplied with a locking spring pin in steel for the MFA and in stainless steel for the MFI.



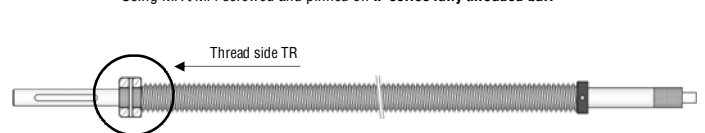
On request, and for sufficient quantities, threaded sleeve nuts in 6082 aluminium alloy can be produced.

EXAMPLES OF APPLICATIONS WITH OUR TRAPEZOIDAL SCREWS WITH LOCKING TO PREVENT UNSCREWING:

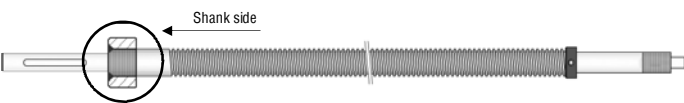
Using MFA/MFI screwed and pinned on FC series threaded bar with cylindrical shank (see trapezoidal screw FC/MF with pinning in the photo).



Using MFA/MFI screwed and pinned on IF series fully threaded bar.



Using MFA/MFI screwed and welded on FC series threaded bar with cylindrical shank (see trapezoidal screw FC/MF page.26 and in the photo on the right).

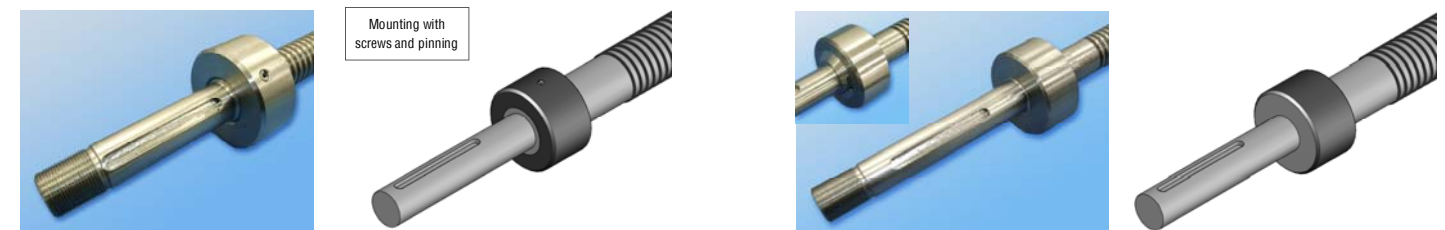


Using MFA/MFI screwed and welded on IF series fully threaded bar.



Mounting with screws and welding projection visible

Mounting with screws and deep welding with subsequent flattening



CODIFICATION AND SIZING (Use of the MFA/MFI threaded sleeve nuts in reference to the type of threaded bar):

FC" series threaded bar (shank side machined with sufficient space for ring)	"IF/BID" series threaded bar (TR threaded side machined to the core diameter)	MFA CODE	Using threaded sleeve nut art.MFA (steel)	MFI CODE	Using threaded sleeve nut art.MFI (stainless steel)	M	D	L	Sm.45°	ØxL pin	Weight Kg
TR10	TR16	A01A10	MFA 10	A01I10	MFI 10	M10x0,75	25	10	1	Ø2x24	0,035
TR12 - TR14	TR18	A01A12	MFA 12	A01I12	MFI 12	M12x1	30	14	1	Ø2,5x30	0,065
TR16	TR20 - TR22	A01A15	MFA 15	A01I15	MFI 15	M15x1	35	16	1	Ø3x32	0,100
TR18	TR24 - TR25	A01A17	MFA 17	A01I17	MFI 17	M17x1	40	18	1,5	Ø3x40	0,150
TR20 - TR22 - TR24	TR26 - TR28 - TR30	A01A20	MFA 20	A01I20	MFI 20	M20x1	45	20	1,5	Ø4x45	0,200
TR25 - TR26 - TR28	TR32 - TR35 - TR36	A01A25	MFA 25	A01I25	MFI 25	M25x1,5	50	25	1,5	Ø4x50	0,300
TR30 - TR32	TR40	A01A30	MFA 30	A01I30	MFI 30	M30x1,5	55	30	2	Ø5x55	0,400
TR35 - TR36	TR45 - TR46	A01A35	MFA 35	A01I35	MFI 35	M35x1,5	60	35	2	Ø5x60	0,520
TR40	TR50 - TR55	A01A40	MFA 40	A01I40	MFI 40	M40x1,5	70	40	2	Ø6x70	0,830
TR45 - TR46	TR60	A01A45	MFA 45	A01I45	MFI 45	M45x1,5	80	45	3	Ø6x80	1,230
TR50	TR65	A01A50	MFA 50	A01I50	MFI 50	M50x1,5	80	50	3	Ø6x80	1,220
TR55	TR70	A01A55	MFA 55	A01I55	MFI 55	M55x2	90	55	3	Ø8x90	1,750
TR60 - TR65	TR80	A01A60	MFA 60	A01I60	MFI 60	M60x2	100	60	3	Ø8x100	2,400

— For sufficient quantities, sleeve nuts "MFA/MFI" of 65, 70, 75, 80, 85, 90, 95, 100 with a threaded pitch of 2 (mm) ISO 965/III, can be made on request.

— Using a threaded sleeve nut of an inferior size to those listed above, always on the shank side of a "FC" series screw it is possible to obtain a stop shoulder against the sleeve nut itself. By selecting a threaded sleeve nut with a threaded hole not greater than the diameter of the trapezoidal screw core it is possible to also use it on "IF" series screws (fully threaded) as shown in the list above.

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