



## STANDARD THREADED BARS/STAINLESS STEEL 316

**"STAINLESS STEEL 316" TRAPEZOIDAL THREADED BARS** (Stainless steel 18/12 W.NR: 1.4401) TR10/60 RIGHT AND LEFT (7e class 100 machined out)

- > **art.BFI/316** ..... (Dx)(Sx) - Code "MN ..... (R)(L)" Stainless specifically for nautical/marine and chemical/corrosive sectors.
- > **IF series** = Entirely threaded standard lengths - **FC series** = Standard length with cylindrical shank "cd." of the same nominal  $\varnothing$  of the TR bar.

art.BFI/316	IF = ENTIRELY THREADED				FC = THREAD + "cd." CYLINDRICAL SHANK WITH THE SAME DIAMETER OF THE BAR WITH TOLERANCE h9									
	# Standard Length	1000	1500	2000	3000	1200+ cd.300	2500+ cd.500	2750+ cd.250	2800+ cd.200	2900+ cd.100	5600+ cd.400	5650+ cd.350	5750+ cd.250	5800+ cd.200
* TR 10x2x CODE	1000 MN10210R	1500 MN10215R	2000 MN10220R	-	1200+cd.300 MN10212+03R	2500+cd.500 MN10225+05R	-	-	-	2900+cd.100 MN10229+01R	-	-	-	-
TR 10x3x CODE	1000 MN10310R	1500 MN10315R	2000 MN10320R	-	1200+cd.300 MN10312+03R	2500+cd.500 MN10325+05R	-	-	-	2900+cd.100 MN10329+01R	-	-	-	-
TR 12x3x CODE	1000 MN12310R	1500 MN12315R	2000 MN12320R	-	1200+cd.300 MN12312+03R	2500+cd.500 MN12325+05R	-	-	-	2900+cd.100 MN12329+01R	-	-	-	-
* TR 14x3x CODE	1000 MN14310R	1500 MN14315R	2000 MN14320R	-	1200+cd.300 MN14312+03R	2500+cd.500 MN14325+05R	-	-	-	2900+cd.100 MN14329+01R	-	-	-	-
TR 14x4x CODE	1000 MN14410R	1500 MN14415R	2000 MN14420R	-	1200+cd.300 MN14412+03R	2500+cd.500 MN14425+05R	-	-	-	2900+cd.100 MN14429+01R	-	-	-	-
TR 16x4x CODE	1000 MN16410R	1500 MN16415R	2000 MN16420R	-	1200+cd.300 MN16412+03R	2500+cd.500 MN16425+05R	-	2800+cd.200 MN16428+02R	2900+cd.100 MN16429+01R	-	-	-	-	-
TR 18x4x CODE	1000 MN18410R	1500 MN18415R	2000 MN18420R	-	1200+cd.300 MN18412+03R	2500+cd.500 MN18425+05R	-	2800+cd.200 MN18428+02R	2900+cd.100 MN18429+01R	-	-	-	-	-
TR 20x4x CODE	1000 MN20410R	1500 MN20415R	2000 MN20420R	3000 MN20430R	1200+cd.300 MN20412+03R	2500+cd.500 MN20425+05R	-	2800+cd.200 MN20428+02R	-	-	-	-	-	-
* TR 22x5x CODE	1000 MN22510R	1500 MN22515R	2000 MN22520R	-	1200+cd.300 MN22512+03R	2500+cd.500 MN22525+05R	-	2800+cd.200 MN22528+02R	2900+cd.100 MN22529+01R	-	-	-	-	-
* TR 24x5x CODE	1000 MN24510R	1500 MN24515R	2000 MN24520R	-	1200+cd.300 MN24512+03R	2500+cd.500 MN24525+05R	2750+cd.250 MN245275+025R	-	-	2900+cd.100 MN24529+01R	-	-	-	-
TR 25x5x CODE	1000 MN25510R	1500 MN25515R	2000 MN25520R	3000 MN25530R	1200+cd.300 MN25512+03R	2500+cd.500 MN25525+05R	2750+cd.250 MN255275+025R	-	-	-	-	-	5750+cd.250 MN25575+025R	-
* TR 26x5x CODE	1000 MN26510R	1500 MN26515R	2000 MN26520R	-	1200+cd.300 MN26512+03R	2500+cd.500 MN26525+05R	2750+cd.250 MN265275+025R	-	-	2900+cd.100 MN26529+01R	-	-	-	-
* TR 28x5x CODE	1000 MN28510R	1500 MN28515R	2000 MN28520R	-	1200+cd.300 MN28512+03R	2500+cd.500 MN28525+05R	2750+cd.250 MN285275+025R	-	-	2900+cd.100 MN28529+01R	-	-	-	-
TR 30x6x CODE	1000 MN30610R	1500 MN30615R	2000 MN30620R	3000 MN30630R	1200+cd.300 MN30612+03R	2500+cd.500 MN30625+05R	2750+cd.250 MN306275+025R	-	-	-	-	-	5750+cd.250 MN30675+025R	-
TR 35x6x CODE	1000 MN35610R	1500 MN35615R	2000 MN35620R	3000 MN35630R	1200+cd.300 MN35612+03R	2500+cd.500 MN35625+05R	-	-	-	-	-	5650+cd.350 MN356565+035R	-	5800+cd.200 MN35658+02R
TR 40x7x CODE	1000 MN40710R	1500 MN40715R	2000 MN40720R	3000 MN40730R	1200+cd.300 MN40712+03R	2500+cd.500 MN40725+05R	-	-	-	-	-	5650+cd.350 MN407565+035R	-	5800+cd.200 MN40758+02R
TR 45x8x CODE	1000 MN45810R	1500 MN45815R	2000 MN45820R	3000 MN45830R	1200+cd.300 MN45812+03R	2500+cd.500 MN45825+05R	-	-	-	-	5600+cd.400 MN45856+04R	-	-	5800+cd.200 MN45858+02R
TR 50x8x CODE	1000 MN50810R	1500 MN50815R	2000 MN50820R	3000 MN50830R	1200+cd.300 MN50812+03R	2500+cd.500 MN50825+05R	-	-	-	-	5600+cd.400 MN50856+04R	-	-	5800+cd.200 MN50858+02R
TR 60x9x CODE	1000 MN60910R	1500 MN60915R	2000 MN60920R	3000 MN60930R	1200+cd.300 MN60912+03R	2500+cd.500 MN60925+05R	-	-	-	-	5600+cd.400 MN60956+04R	-	-	5800+cd.200 MN60958+02R

**ORDERING LEFT THREADED BARS** TABLE WITH ARTICLES AND CODES FOR RIGHT THREADED BARS, TO ORDER LEFT THREADED BARS SPECIFY "Sx" AT THE END OF THE ARTICLE AND "L" AT THE END OF THE CODE (INSTEAD OF "R"); IF NOT SPECIFIED THEN RIGHT THREAD IS INTENDED.

- \* The articles with an asterisk are less used and we suggest checking availability with our offices.
- We can supply "Castolin 33500" electrodes for welding accessories to the threaded bars.
- # The standard lengths of the bars are normally exceeded except in rare cases where, for raw materials reasons, we cut slightly short up to a maximum of 0,5% (for example: standard bar L 1.000 = minimum acceptable lengthL.995)
- > **ON REQUEST:** Threaded bars TR70x10 and TR80x10.
- > **ON REQUEST:** "IF" series fully threaded bars with different lengths to those listed above, adapted from stock by our warehouse cutting department (see BFC price list for cutting and bevelling).
- > **ON REQUEST:** "FC" series with cylindrical shank bars with threads and shanks of different lengths to those listed above (see BFC price list for cutting and bevelling).
- > **ON REQUEST:** Bars with a different pitch to those listed above.

# STANDARD THREADED BARS/STAINLESS STEEL 316



**"STAINLESS STEEL 316" TRAPEZOIDAL THREADED BARS** (Stainless steel 18/12 W.NR: 1.4401) TR10/60 RIGHT AND LEFT (7e class 100 machined out)

- > **art.BFI/316** ..... (Dx/Sx) - Code "MN ..... (R/L)" Stainless specifically for nautical/marine and chemical/corrosive sectors.
- > **BID series** = Standard length with Right/Left thread in a single piece.



art.BFI/316	BID = WITH Dx(R) /Sx(L) THREAD IN SINGLE PIECE		NORM ISO 2901/2/3/4 - DIN 103						
	1500 Dx + cd.20 + 1500 Sx (Lt.3020)	3000 Dx + cd.20 + 3000 Sx (Lt.6020) <small>ON REQUEST</small>	TECHNICAL DATA REGARDING ALL BARS IF - FC - BID						
# Standard Length			TR/cd. De h9 Ø EXTERNAL	dn Ø CORE mm	d <sub>m</sub> Ø AVERAGE (max) mm	d <sub>m</sub> Ø AVERAGE (min.) mm	Kg/mt. THREAD	Kg/mt. SHANK	TURNS & LOADS max
* TR 10x2x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN10230R/L</small>	-	10	7	8,92	8,73	0,500	0,617	SEE GENERAL PRODUCT GUIDE WITH BASIC THEORETICAL TABLE ON PAGES 14/17
TR 10x3x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN10330R/L</small>	-	10	6	8,41	8,19	0,450	0,617	
TR 12x3x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN12330R/L</small>	-	12	8	10,41	10,18	0,680	0,888	
* TR 14x3x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN14330R/L</small>	-	14	10	12,41	12,19	0,960	1,208	
TR 14x4x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN14430R/L</small>	-	14	9	11,90	11,64	0,890	1,208	
TR 16x4x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN16430R/L</small>	-	16	11	13,90	13,64	1,200	1,578	
TR 18x4x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN18430R/L</small>	-	18	13	15,90	15,64	1,580	1,998	
TR 20x4x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN20430R/L</small>	-	20	15	17,89	17,62	1,950	2,466	
* TR 22x5x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN22530R/L</small>	-	22	16	19,39	19,11	2,340	2,984	
* TR 24x5x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN24530R/L</small>	-	24	18	21,39	21,09	2,900	3,551	
TR 25x5x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN25530R/L</small>	3000 Dx + cd.20 + 3000 Sx (Lt.6020) <small>MN25560R/L</small>	25	19	22,39	22,09	3,080	3,853	
* TR 26x5x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN26530R/L</small>	-	26	20	23,39	23,09	3,370	4,168	
* TR 28x5x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN28530R/L</small>	-	28	22	25,39	25,09	3,960	4,834	
TR 30x6x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN30630R/L</small>	3000 Dx + cd.20 + 3000 Sx (Lt.6020) <small>MN30660R/L</small>	30	22	26,87	26,54	4,400	5,549	
TR 35x6x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN35630R/L</small>	3000 Dx + cd.20 + 3000 Sx (Lt.6020) <small>MN35660R/L</small>	35	27	31,88	31,54	6,270	7,552	
TR 40x7x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN40730R/L</small>	3000 Dx + cd.20 + 3000 Sx (Lt.6020) <small>MN40760R/L</small>	40	31	36,37	36,02	8,070	9,864	
TR 45x8x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN45830R/L</small>	3000 Dx + cd.20 + 3000 Sx (Lt.6020) <small>MN45860R/L</small>	45	35	40,86	40,49	10,300	12,480	
TR 50x8x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN50830R/L</small>	3000 Dx + cd.20 + 3000 Sx (Lt.6020) <small>MN50860R/L</small>	50	40	45,86	45,46	12,920	15,410	
TR 60x9x <small>CODE</small>	1500 Dx + cd.20 + 1500 Sx (Lt.3020) <small>MN60930R/L</small>	3000 Dx + cd.20 + 3000 Sx (Lt.6020) <small>MN60960R/L</small>	60	49	55,36	54,93	18,850	22,200	

- \* The articles with an asterisk are less used and we suggest checking availability with our offices.
- We can supply "Castolin 33500" electrodes for welding accessories to the threaded bars.
- # **The standard lengths of the bars are normally exceeded except in rare cases where, for raw materials reasons, we cut slightly short up to a maximum of 0,5% %** (For example: bi-directional bar TR 1500 Dx + Cd.20 + 1500 Sx (Lt.3020) = minimum acceptable length mm L.3005)
- > As an alternative to the above bi-directional bars with "Cd.20" shanks, we usually have in stock bars with a longer central shank that will require anti-flexing support. When the need arises we suggest asking what we have available in our warehouse.
- > **ON REQUEST:** Threaded bars **TR70x10** and **TR80x10**.
- > **ON REQUEST:** "**BID**" series bi-directional threaded bars with different lengths to those listed above, **adapted from stock by our warehouse cutting department** (see BFC price list for cutting and bevelling).
- > **ON REQUEST:** "**BID**" series bi-directional threaded bars with threads and central shanks different lengths to those listed above (see BFC price list for cutting and bevelling).
- > **ON REQUEST:** Bars with a **different pitch** to those listed above.