



STEEL "R50" TRAPEZOIDAL THREADED BARS

(11SMnPb37 W.NR. 1.0737) TR10/100 RIGHT AND LEFT (7e class 100 machined out)

- > **art.BFA** (Dx/Sx) - Code "MA" (R/L)" Generic use for mechanical transmissions with low and medium loads.
- > **BID series** = Standard length with Right/Left thread in a single piece.

art.BFA/R50			NORM ISO 2901/2/3/4 - DIN 103						
BID = WITH Dx(R) /Sx(L) THREAD IN SINGLE PIECE			TECHNICAL DATA REGARDING ALL BARS IF - FC - BID						
# Standard Length	1500 Dx + cd.20 + 1500 Sx (Lt.3020)	3000 Dx + cd.20 + 3000 Sx (Lt.6020) ON REQUEST	TR/cd. De in Ø EXTERNAL	dn Ø CORE mm	d _m Ø AVERAGE (max) mm	d _m Ø AVE. RAGE (min.) mm	Kg/mt. THREAD	Kg /mt. SHANK	TURNS & LOADS max
* TR 10x2x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA10230R/L	-	10	7	8,92	8,73	0,500	0,617	SEE GENERAL PRODUCT GUIDE WITH BASIC THEORETICAL TABLE ON PAGES 14/17
TR 10x3x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA10330R/L	-	10	6	8,41	8,19	0,450	0,617	
TR 12x3x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA12330R/L	-	12	8	10,41	10,18	0,680	0,888	
* TR 14x3x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA14330R/L	-	14	10	12,41	12,19	0,960	1,208	
TR 14x4x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA14430R/L	-	14	9	11,90	11,64	0,890	1,208	
TR 16x4x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA16430R/L	-	16	11	13,90	13,64	1,200	1,578	
TR 18x4x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA18430R/L	-	18	13	15,90	15,64	1,580	1,998	
TR 20x4x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA20430R/L	-	20	15	17,89	17,62	1,950	2,466	
* TR 22x5x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA22530R/L	-	22	16	19,39	19,11	2,340	2,984	
* TR 24x5x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA24530R/L	-	24	18	21,39	21,09	2,900	3,551	
TR 25x5x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA25530R/L	3000 Dx + cd.20 + 3000 Sx (Lt.6020) MA25560R/L	25	19	22,39	22,09	3,080	3,853	
* TR 26x5x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA26530R/L	-	26	20	23,39	23,09	3,370	4,168	
* TR 28x5x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA28530R/L	-	28	22	25,39	25,09	3,960	4,834	
TR 30x6x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA30630R/L	3000 Dx + cd.20 + 3000 Sx (Lt.6020) MA30660R/L	30	22	26,87	26,54	4,400	5,549	
* TR 32x6x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA32630R/L	-	32	24	28,88	28,54	5,070	6,313	
TR 35x6x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA35630R/L	3000 Dx + cd.20 + 3000 Sx (Lt.6020) MA35660R/L	35	27	31,88	31,54	6,270	7,552	
TR 36x6x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA36630R/L	3000 Dx + cd.20 + 3000 Sx (Lt.6020) MA36660R/L	36	28	32,88	32,54	6,620	7,990	
TR 40x7x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA40730R/L	3000 Dx + cd.20 + 3000 Sx (Lt.6020) MA40760R/L	40	31	36,37	36,02	8,070	9,864	
TR 45x8x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA45830R/L	3000 Dx + cd.20 + 3000 Sx (Lt.6020) MA45860R/L	45	35	40,86	40,49	10,300	12,480	
* TR 46x8x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA46830R/L	-	46	36	41,86	41,46	10,750	13,050	
TR 50x8x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA50830R/L	3000 Dx + cd.20 + 3000 Sx (Lt.6020) MA50860R/L	50	40	45,86	45,46	12,920	15,410	
TR 55x9x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA55930R/L	-	55	44	50,36	49,93	15,830	18,650	
TR 60x9x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA60930R/L	3000 Dx + cd.20 + 3000 Sx (Lt.6020) MA60960R/L	60	49	55,36	54,93	18,850	22,200	
TR 70x10x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA701030R/L ON REQUEST	3000 Dx + cd.20 + 3000 Sx (Lt.6020) MA701060R/L	70	58	64,85	64,42	26,000	30,210	
TR 80x10x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA801030R/L ON REQUEST	3000 Dx + cd.20 + 3000 Sx (Lt.6020) MA801060R/L	80	68	74,85	74,42	34,500	39,460	
TR 90x12x	1500 Dx + cd.20 + 1500 Sx (Lt.3020) MA901230R/L ON REQUEST	3000 Dx + cd.20 + 3000 Sx (Lt.6020) MA901260R/L	90	76	83,83	83,35	44,000	49,940	
TR 100x12x	1500 Dx + Cd.20 + 1500 Sx (Lt.3020) MA1001230R/L ON REQUEST	3000 Dx + cd.20 + 3000 Sx (Lt.6020) MA1001260R/L	100	86	93,83	93,33	55,200	61,650	

- * The articles with an asterisk are less used and we suggest checking availability with our offices. - We can supply "Castolin EC 4080" 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 in our warehouse.
- > 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. > ON REQUEST: Threaded bars with nitriding treatment. > ON REQUEST: Threaded bars TR65x10 and TR75x10.

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