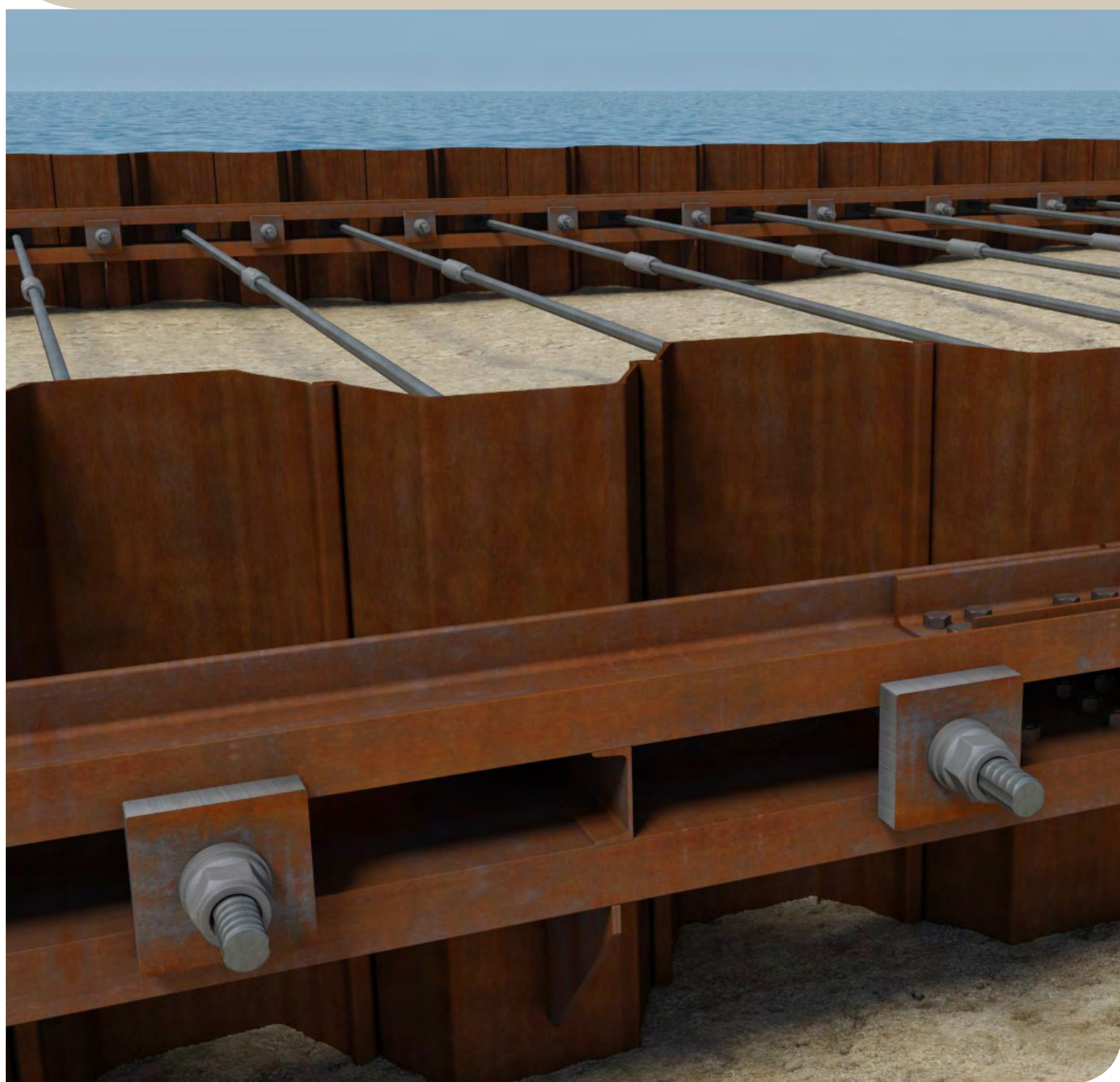




ArcelorMittal

Threaded bar Anchoring system



The **ArcelorMittal Threaded Bar** anchoring system is high quality material which contributes to an excellent stability of the sheet piles and can offer economical and technical advantages.

Indeed, the **ArcelorMittal Threaded Bar** can be supplied in one piece up to 24 meters in length and can also avoid handling and connection problems thanks to the presence of the tread over the entire length of the bar (bars can be cut or lengthened with couplers at any position of the bars).

Due to its reliability and ease of installation, the anchoring system is suitable for the most technical and complex applications. ArcelorMittal supplies a full range of products and can service customers requirements by holding a permanent stock of material.

Due to flexibility of the **ArcelorMittal Threaded Bar** system, we can propose alternative solutions that will remain compliant with the original design parameters.

ArcelorMittal is certified to ISO 9001 (Quality Assurance) and 14001 standards (Environment Management).

Our Quality Assurance system is the guarantee for continuous high quality standards and products.

Possibility to provide the mill certificates for the delivered material.

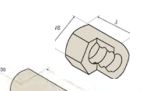
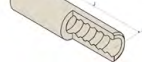


ArcelorMittal Threaded Bar 500 - Left Hand Thread

Specifications



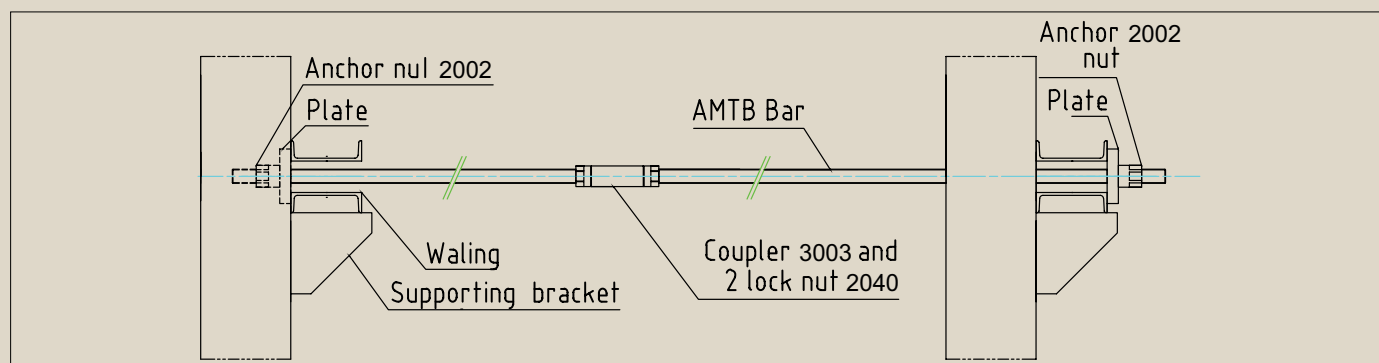
Nominal Diameter d	mm	25	28	32	40	50	63,5
Maximal Diameter d^*	mm	28	32	36	45	56	70
Rp0.2 Mm.	MPa	500					555
Yield Load Min.	kN	246	308	402	629	982	1758
Rm Min.	MPa	550					700
Ultimate Load Min.	kN	270	339	442	691	1078	2217
Elongation Min.	%	Agt 6%			5%		
Weight	kg/m	3,85	4,83	6,31	9,87	15,41	24,86
Working load (acc. to EAU 2004/EC3)	kN	223	280	366	571	892	1593

Accessories

	Item n°	25	28	32	40	50	63,5
		SW X L (mm)					
 Anchor Nut	L 2002	41 X 50	46 X 55	55 X 60	65 X 70	80 X 90	100 X 115
 Coupler	L 3003	40 X 115	45 X 125	52 X 140	65 X 160	80 X 200	102 X 260
 Lock Nut	L 2040	41 X 20	41 X 25	50 X 30	60 X 35	80 X 50	90 X 75
 Anchor Plate	L 2139	70 X 70 X 10	100 X 100 X 12	120 X 120 X 20	150 X 150 X 30	190 X 190 X 45	245 X 245 X 50

ArcelorMittal proposes a full system of anchorage

Standard assembly for inclined solutions:



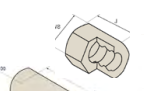
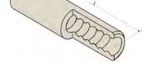


ArcelorMittal Threaded Bar 670 - Right Hand Thread

Specifications

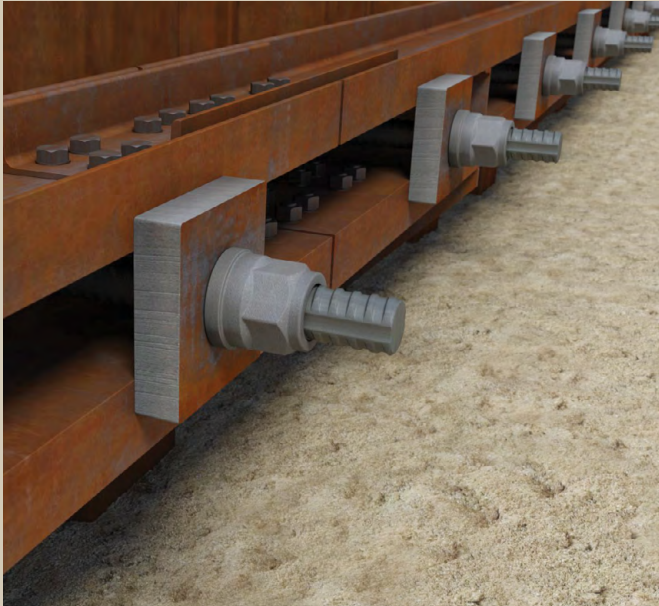
Nominal Diameter d	mm	25	28	30	35	43	57,5	63,5
Maximal Diameter d^*	mm	28	32	34	40	48	63	70
Rp0.2 Min.	MPa	670						
Yield Load Min.	kN	329	413	474	645	973	1740	2122
Rm Min.	MPa	800						
Ultimate Load Min.	kN	393	493	566	770	1162	2078	2534
Elongation Min.	%	Agt 5%, A10d 7%						
Weight	kg/m	3,85	4,83	5,54	7,55	11,40	20,38	24,86
Working load (acc. to EAU 2004/EC3)	kN	299	375	430	586	884	1554	1929



Accessories

	Item n°	25	28	30	35	43	57,5	63,5
		SW X L (mm)						
 Anchor Nut	R 2002	46 X 55	50 X 60	55 X 65	65 X 70	80 X 90	90 X 120	100 X 145
 Coupler	R 3003	45 X 120	50 X 140	55 X 150	65 X 170	80 X 200	102 X 250	114 X 300
 Lock Nut	R 2040	41 X 22	46 X 30	50 X 30	55 X 40	70 X 50	90 X 60	100 X 70
 Anchor Plate	R 2139	125 X 125 X 30	120 X 120 X 30	130 X 130 X 35	150 X 150 X 40	185 X 185 X 55	245 X 245 X 65	270 X 270 X 70

The accessories represent only a part of the full available range of fittings which can be supplied. Plates can be made in standard or in specific dimensions. The company reserves the right to amend details as and where necessary in line with its policy of continuous product development without any notice.



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