

# FDI HEAVY DUTY TIE RODS THREADBARS



The FDI Tie Bar System is the perfect solution for transferring tensile forces and can therefore be used as tie rods.

Due to the continuous thread, the bars can be cut, anchored, and coupled at any point and be adjusted to on-site requirements. This makes the system completely independent of installation conditions on site as well as of existing deviations or alterations. Applications include sheet pile wall assembly in harbor and dam construction, cross-linkings, tying back walls in deadman structures, positional stability of joint connections, corner joints and foundations etc.

Depending on requirements and steel grades, a variety of corrosion protection methods can be used.

# FDI TIE BARS THREADBARS

Nominal diameter Ø (mm)	Yield strength / tensile strength f <sub>0.2k</sub> /f <sub>tk</sub> [N/mm <sup>2</sup> ]	Crosssectional area A (mm <sup>2</sup> )	Load at yield F <sub>yk</sub> (kN)	Ultimate Load F <sub>yk</sub> (kN)	Weight (kg/m)	Weight DCP (kg/m)
16	500/550	201	101	110	1.58	5.20
20	500/550	314	157	173	2.47	5.90
25	500/550	491	245	270	3.85	7.00
28	500/550	616	308	339	4.83	8.60
32	500/550	804	402	442	6.31	9.50
36	500/550	1018	510	560	7.99	11.90
40	500/550	1257	628	691	9.86	13.60
43	500/550	1452	726	799	11.40	19.80
50	500/550	1963	982	1080	15.41	21.00
57.5	550/700	2597	1441	1818	20.38	27.10
63.5	550/750	3167	1758	2217	24.86	32.40
75	500/550	4418	2209	2430	34.68	42.80

Other sizes available on request.

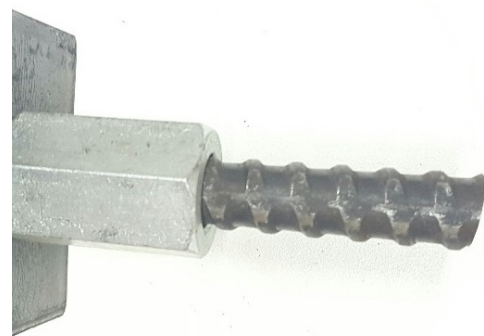
## Advantages



No limitation of installation tolerances.



Can be easily, quickly and safely adjusted to on-site conditions.



Comprehensive range of accessories for anchoring and coupling.