

13/05/19
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Anti-Dumping Commission

By email: clientsupport@adcommission.gov.au

SUBJECT: EX0072 – Changes in Diameters

In their reply of 12 April 2019, Liberty Onsteel claimed their currently produced 15 and 20mm diameter form-tie threaded bars as equivalent to those described in IDE's exemption enquiry.

However, we believe our exemption inquiry is still applicable for post-tensioning grade BBV threadbar of larger diameters such as 26.5, 32, 36, 40 and 50mm as depicted on the attached table.

Best regards



Steve Dubé
Sales Manager
IDE Australia

BB BAR SYSTEM

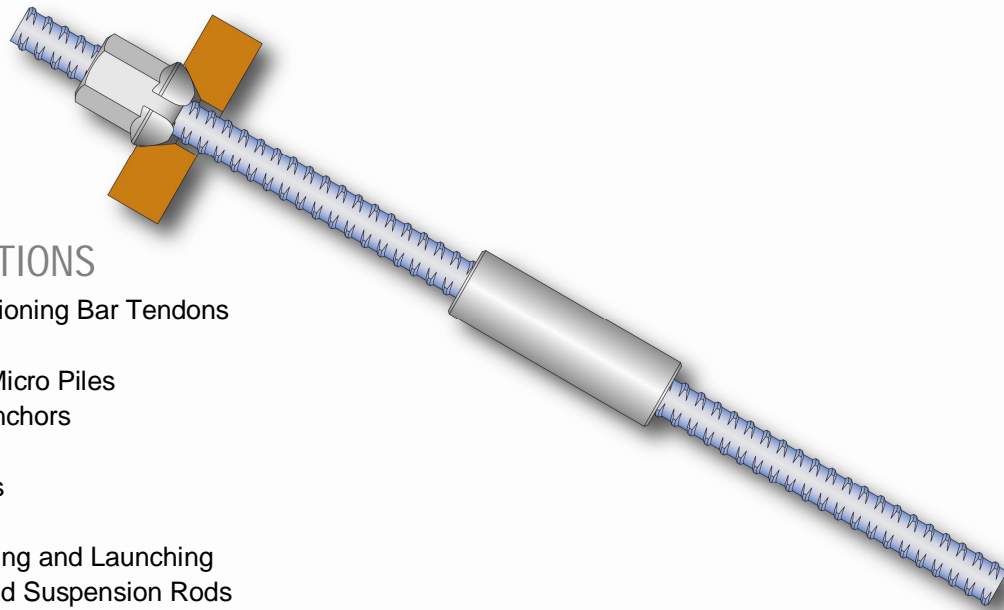
Conforming to ASTM A722 and BS4486 : 1980 and all other major international standards. Produced under quality control systems ISO9001 : 2008.

Robust hot rolled continuous thread profile offers high bond strength, can be cut and coupled at any point, low susceptibility to mechanical damage, easy installation and cleaning.

Supported with a wide range of proprietary accessories to accommodate multiple application. Tailor made solutions can also be designed on a case by case basis.

Corrosion protection systems for geotechnical application in accordance with BS8081 or other international standards can be provide.

Value added services including rental of stressing equipment for installation, preparation of method statements for handling, assembly and installation etc. Provision of qualified staff to supervise installation works.



APPLICATIONS

- Post-Tensioning Bar Tendons
- Form Ties
- Mini and Micro Piles
- Ground Anchors
- Soil Nails
- Rock Bolts
- Tie Rods
- Heavy Lifting and Launching
- Hanger and Suspension Rods

BB BAR PROPERTIES

Steel Grade**	N/mm ²	885/1080		835/1030					930/1080					1080/1230*
Nominal Bar Diameter D1	mm	15	20	26.5	32	36	40	50	26.5	32	36	40	50	36
Article No. 640 00 _ _ _ 3000	-	400	401	412	413	414	415	416	462	463	464	465	466	424
Nominal Sectional Area	mm ²	177	314	551	804	1019	1257	1963	551	804	1019	1257	1963	1019
Nominal Weight	kg/m	1.44	2.56	4.48	6.53	8.27	10.21	15.4	4.48	6.53	8.27	10.21	15.4	8.27
Bar Diameter D2	mm	14.6	19.5	25.8	31.2	34.9	38.7	48.2	25.8	31.2	34.9	38.7	48.2	34.9
Over Thread Diameter D0	mm	18	23	30.9	37	41	45.4	54.2	30.9	37	41	45.4	54.2	41
Pitch, right-hand Thread	mm	10	10	13	16	18	20	20	13	16	18	20	20	18
Ultimate Load	kN	191	339	568	828	1050	1295	2022	595	868	1101	1358	2120	1253
Yield Load	kN	157	278	460	671	851	1050	1639	512	748	948	1169	1826	1101
Cold Bending Radius Rmin	m	3.1	4	5.4	6.4	7.1	7.8	9.4	5.4	6.4	7.1	7.8	9.4	7.1
Max. Distance betw . supports	m	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Wobble Coefficient β	%/m	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Friction Coefficient μ	-	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Slip at Nuts	mm	1.5	1.5	1	1	1	1	1	1	1	1	1	1	1
Slip at Couplers	mm	1.5	1.5	1	1	1	1	1	1	1	1	1	1	1
Protr. at Stressing End***	mm	40	65	75	90	100	120	145	75	90	100	120	145	110
Protr. at Coupling End***	mm	80	95	110	135	145	160	195	110	135	145	160	195	150

* BB Bars 26.5 and 32 mm in grade 1080/1230 can also be produced upon special arrangement.

** Yield Strength at 0.2% Offset ($R_{0.2}$) / Ultimate Tensile Strength (R_m)

*** Minimum bar protrusion for stressing with stressing coupler and maximum stressing force 0.9 of bar yield load