

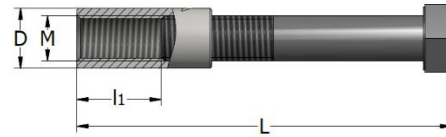
COMMERCIAL DOCUMENTATION



FIXING INSERTS | **BBB FIXING ANCHOR**



FIXING ANCHOR – BBB



These fixing systems consist of a threaded bush locked on a standard bolt. The threaded bush is manufactured from steel S355JO (yield strength min. 355 MPa) galvanic protected (EV) or hot-dipped galvanised (TV); the bolt is manufactured from steel group 8.8. The threaded bush can also be made of stainless-steel W 1.4571 –AISI 316Ti (SS4). **Do not use these fixing anchors for lifting.**

BBB-EV	Product no.	Thread M	Overall length [mm]	l1 [mm]	D [mm]	Admissible load		Bolt
						25 MPa [kN]	45 MPa [kN]	
BBB M12x90-EV	63447	12	90	22	16	18	24	M12x60
BBB M12x100-EV	63448	12	100	22	16	18	24	M12x70
BBB M12x150-EV	63449	12	150	22	16	18	24	M12x120
BBB M16x140-EV	63459	16	140	30	22	27	46	M16x100
BBB M16x220-EV	63460	16	220	30	22	27	46	M16x180
BBB M20x140-EV	63468	20	140	35	26	37	50	M20x90
BBB M20x150-EV	63469	20	150	35	26	37	50	M20x100
BBB M20x180-EV	63470	20	180	35	26	42	59	M20x130
BBB M20x270-EV	63471	20	270	35	26	42	59	M20x220
BBB M24x200-EV	63482	24	200	45	32	58	78	M24x140
BBB M24x320-EV	63483	24	320	45	32	60	96	M24x260
BBB M30x240-EV	63489	30	240	60	40	76	102	M30x160
BBB M30x380-EV	63490	30	380	60	40	102	150	M30x300
BBB M36x300-EV	63497	36	300	74	48	106	143	M36x200
BBB M36x420-EV	63498	36	420	74	48	145	215	M36x320
BBB M42x300-EV	63503	42	300	70	54	105	140	M42x200
BBB M42x460-EV	63504	42	460	70	54	205	250	M42x360

BBB-EV / SHORT	Product no.	Thread M	Overall length [mm]	l1 [mm]	D [mm]	Admissible load		Bolt
						25 MPa [kN]	45 MPa [kN]	
BBB M12x55-EV	63446	12	55	22	16	9	13	M12x25
BBB M16x75-EV	63458	16	75	30	22	13	23	M16x35
BBB M20x90-EV	63467	20	90	35	26	18	25	M20x40
BBB M30x150-EV	63488	30	150	60	40	38	51	M30x70

BBB-TV	Product no.	Thread M	Overall length [mm]	l1 [mm]	D [mm]	Admissible load		Bolt
						25 MPa [kN]	45 MPa [kN]	
BBB M12x90-TV	63455	12	90	22	16	18	24	M12x60
BBB M12x100-TV	63456	12	100	22	16	18	24	M12x70
BBB M12x150-TV	63457	12	150	22	16	18	24	M12x120
BBB M16x140-TV	63465	16	140	30	22	27	46	M16x100
BBB M16x220-TV	63466	16	220	30	22	27	46	M16x180
BBB M20x140-TV	63478	20	140	35	26	37	50	M20x90
BBB M20x150-TV	63479	20	150	35	26	37	50	M20x100
BBB M20x180-TV	63480	20	180	35	26	42	58	M20x130
BBB M20x270-TV	63481	20	270	35	26	42	58	M20x220
BBB M24x200-TV	63486	24	200	45	32	58	78	M24x140
BBB M24x320-TV	63487	24	320	45	32	60	96	M24x260
BBB M30x240-TV	63495	30	240	60	40	76	102	M30x160
BBB M30x380-TV	63496	30	380	60	40	102	150	M30x300
BBB M36x300-TV	63501	36	300	74	48	106	143	M36x200
BBB M36x420-TV	63502	36	420	74	48	145	215	M36x320
BBB M42x300-TV	63507	42	300	70	54	105	140	M42x200
BBB M42x460-TV	63508	42	460	70	54	205	250	M42x360

BBB-TV / SHORT	Product no.	Thread	Overall length	l1	D	Admissible load		Bolt
						25 MPa	45 MPa	
						[kN]	[kN]	
BBB M12x55-TV	63454	12	55	22	16	9	13	M12x25
BBB M16x75-TV	63464	16	75	30	22	13	23	M16x35
BBB M20x90-TV	63477	20	90	35	26	18	25	M20x40
BBB M30x150-TV	63494	30	150	60	40	38	51	M30x70

BBB-SS (W 1.4301)	Product no.	Thread	Overall length	l1	D	Admissible load		Bolt
						25 MPa	45 MPa	
						[kN]	[kN]	
BBB M12x90-SS4	63451	12	90	22	16	18	24	M12x60
BBB M12x100-SS4	63452	12	100	22	16	18	24	M12x70
BBB M12x150-SS4	63453	12	150	22	16	18	24	M12x120
BBB M16x140-SS4	63462	16	140	30	22	27	46	M16x100
BBB M16x220-SS4	63463	16	220	30	22	27	46	M16x180
BBB M20x140-SS4	63473	20	140	35	26	37	50	M20x90
BBB M20x150-SS4	63474	20	150	35	26	37	50	M20x100
BBB M20x180-SS4	63475	20	180	35	26	42	58	M20x130
BBB M20x270-SS4	63476	20	270	35	26	42	58	M20x220
BBB M24x200-SS4	63484	24	200	45	32	58	78	M24x140
BBB M24x320-SS4	63485	24	320	45	32	60	96	M24x260
BBB M30x240-SS4	63492	30	240	60	40	76	102	M30x160
BBB M30x380-SS4	63493	30	380	60	40	102	150	M30x300
BBB M36x300-SS4	63499	36	300	74	48	106	143	M36x200
BBB M36x420-SS4	63500	36	420	74	48	145	215	M36x320
BBB M42x300-SS4	63505	42	300	70	54	105	140	M42x200
BBB M42x460-SS4	63506	42	460	70	54	205	250	M42x360

BBB-SS SHORT (W1.4571)	Product no.	Thread	Overall length	l1	D	Admissible load		Bolt
						25 MPa	45 MPa	
						[kN]	[kN]	
BBB M12x55-SS4	63450	12	55	22	16	9	13	M12x25
BBB M16x75-SS4	63461	16	75	30	22	13	23	M16x35
BBB M20x90-SS4	63472	20	90	35	26	18	25	M20x40
BBB M30x150-SS4	63491	30	150	60	40	38	51	M30x70

CONTACT



TERWA is the global supplier for precast and construction solutions with multiple offices around the world. With all our staff, partners and agents, we are happy to provide all construction and precast companies who work in the building industry with full service and 100% support.

TERWA CONSTRUCTION GROUP

Terwa Construction Netherlands (HQ)

Global Sales & Distribution
Kamerlingh Onneslaan 1-3
3401 MZ IJsselstein
The Netherlands
T +31-(0)30 699 13 29
F +31-(0)30 220 10 77
E info@terwa.com

Terwa Construction Central East Europe

Sales & Distribution
Strada Sânzieni
507075 Ghimbav
Romania
T +40 372 611 576
E info@terwa.com

Terwa Construction Poland

Sales & Distribution
Ul. Cicha 5 lok. 4
00-353 Warszawa
Poland
E info@terwa.com

Terwa Construction India & Middle East

Sales & Distribution
India
T +91 89 687 000 41
E info@terwa.com

Terwa Construction China

Sales & distribution
5F 504, No. 101 Chuanchang road
PRC, 200032, Shanghai
China
E info@terwa.com

ALL SPECIFICATIONS CAN BE CHANGED WITHOUT PREVIOUS NOTICE.

DISCLAIMER

Terwa B.V. is not liable for deviations due to wear of the products it has delivered. Neither is Terwa B.V. liable for damage due to inaccurate and/or improper handling and use of the products it has delivered and/or use of same for purposes other than those intended.

Terwa B.V.'s responsibility is furthermore limited in accordance with article 13 of the "Metaalunie" conditions, which are applicable for all Terwa B.V. deliveries. The user is responsible for ensuring compliance with all applicable copyright laws. Without limiting the rights under copyright, no part of this documentation may be reproduced, stored in or introduced into a retrieval system, or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), or for any purpose, without the express written permission of Terwa B.V.