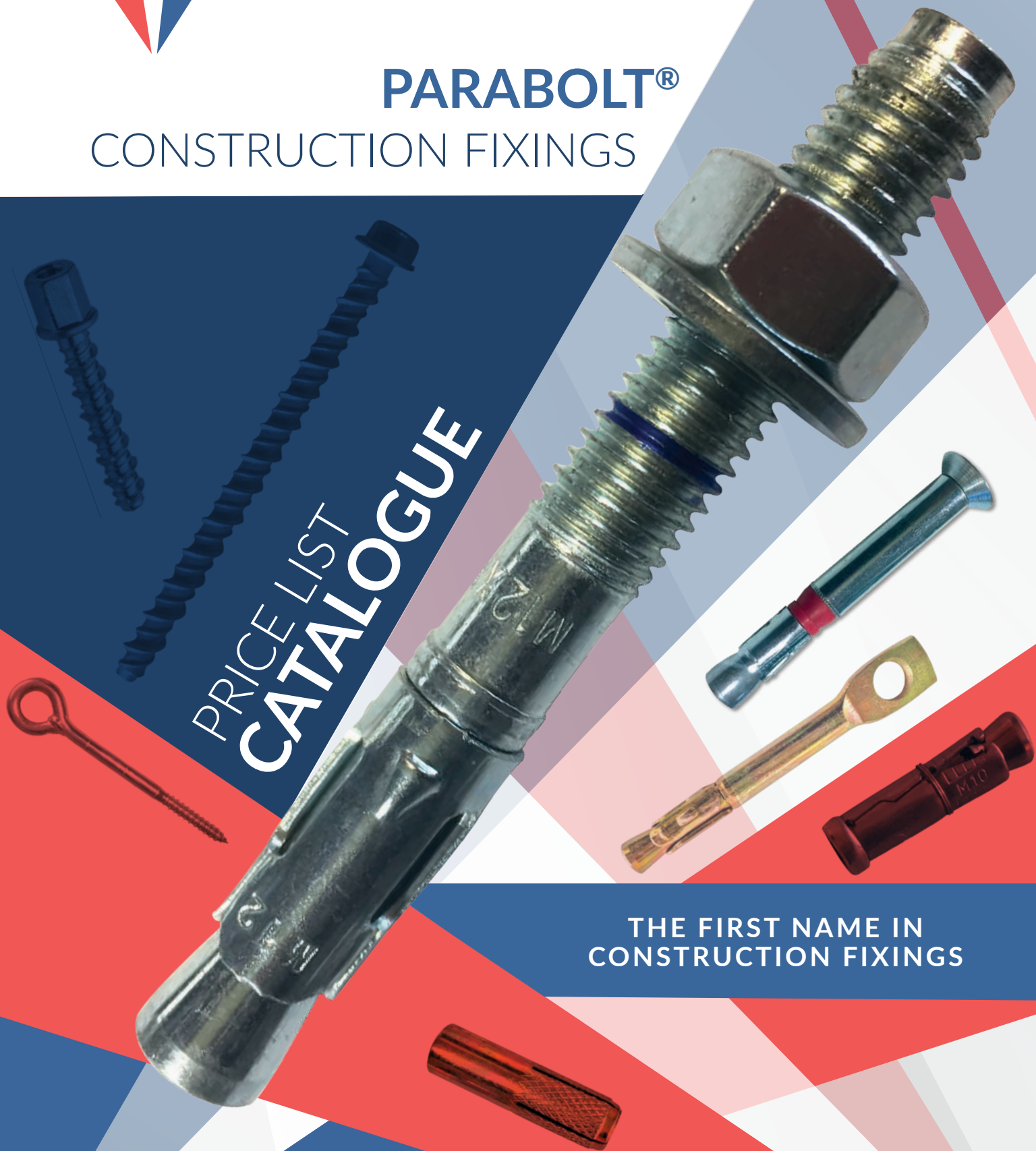


PARABOLT®

CONSTRUCTION FIXINGS

PRICE LIST
CATALOGUE



THE FIRST NAME IN
CONSTRUCTION FIXINGS

Parabolt® – Company Overview

The idea of a Throughbolt was conceived over 50 years ago by Tucker Fasteners Ltd in Birmingham. The name derives from the Parabola shaped cone which is integral to the design of the Parabolt Throughbolt.

Up to this point, Mechanical Fixings had to be considerably larger in diameter than the thread itself which necessitated careful marking out then locating the fixture to suit the pre-installed studs or shields. This often results in costly errors!

With the introduction of the 'Parabolt' the job of installation was much simplified as the bolt, being the same diameter throughout could be installed with the fixture already in place.

Parabolt soon became a well specified product in all areas of Industry and a first class distributor network quickly developed. A far more extensive range is now available to meet the demands for anchoring requirements in the Construction Industry including CE Approved Fixings available from stock.

Some recent examples of where Parabolt Construction Fixings have been specified and installed include:

- *Birmingham New Street Station (Grand Central)*
- *New Stadium Tottenham Hotspur FC – White Hart Lane*
- *Manchester City FC – Etihad Stadium*
- *Canary Wharf*
- *Battersea Power Station.*

The Parabolt brand is available through its distribution partner: West Midlands Fixings Ltd via its online shop and/or Trade Counter Service.

- *Order exactly what you need, box quantities can be split*
- *CE Approved Fixings*
- *Nationwide on-site "Pull-Out Testing" available*
- *Huge stock levels & range*
- *Packaging options*
- *Fast & efficient service UK nationwide & export*
- *Helpful & knowledgeable staff*

ALL PRICES IN THIS CATALOGUE ARE LIST PRICES ONLY.
PLEASE CONTACT US DIRECTLY TO DISCUSS SPECIFIC REQUIREMENTS AND
DISCOUNTS AVAILABLE TO YOU.

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PRODUCT INFORMATION
THROUGHBOLT - Option 7 Approved
 Zinc & Clear Passivated (Min 5µm)

OUR STANDARD THROUGHBOLT HAS EUROPEAN TECHNICAL APPROVAL
 This throughbolt is a torque controlled anchor suitable for use in concrete over C20/25.



PART NUMBER	ANCHOR HOLE SIZE	ANCHOR LENGTH	SHALLOW EMBEDMENT HOLE DEPTH	MAXIMUM FIXTURE THICKNESS SHALLOW EMBED	DEEP EMBEDMENT HOLE DEPTH	MAXIMUM FIXTURE THICKNESS DEEP EMBED	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
06P060CE	6	60	35	21	55	2	100	1.34	£66.00
06P080CE	6	80	35	41	55	22	100	2.12	£71.00
08P050*	8	50	40	5	N/A	-	100	2.60	£67.00
08P065CE	8	65	50	8	N/A	-	100	2.85	£71.00
08P075CE	8	75	50	18	65	5	50	3.05	£81.00
08P090CE	8	90	50	33	65	20	50	3.55	£83.00
08P100CE	8	100	50	43	65	30	50	4.08	£85.00
08P115CE	8	115	50	58	65	45	50	4.34	£91.00
08P130CE	8	130	50	73	65	60	50	4.88	£96.00
10P065*	10	65	50	3	N/A	-	50	4.80	£89.00
10P075CE	10	75	60	8	N/A	-	50	5.40	£94.00
10P090CE	10	90	60	23	75	10	50	6.32	£104.00
10P100CE	10	100	60	33	75	20	50	6.95	£108.00
10P120CE	10	120	60	53	75	40	20	8.20	£122.00
10P150CE	10	150	60	83	75	70	20	9.00	£156.00
12P080CE	12	80	70	3	N/A	-	20	8.10	£141.00
12P090CE	12	90	70	13	N/A	-	20	9.95	£144.00
12P100CE	12	100	70	23	85	8	20	9.60	£148.00
12P110CE	12	110	70	33	85	18	20	10.40	£165.00
12P120CE	12	120	70	43	85	28	20	11.30	£178.00
12P140CE	12	140	70	63	85	48	20	13.00	£196.00
12P160CE	12	160	70	83	85	68	20	14.04	£224.00
12P180CE	12	180	70	103	85	88	20	16.40	£253.00
16P105*	16	105	90	3	N/A	-	20	19.85	£275.00
16P125CE	16	125	90	23	110	3	20	22.50	£336.00
16P145CE	16	145	90	43	110	23	20	26.18	£375.00
16P170CE	16	170	90	68	110	48	10	29.85	£428.00
16P220CE	16	220	90	118	110	98	10	35.00	£506.00
20P130*	20	130	95	23	N/A	-	10	36.80	£480.00
20P170CE	20	170	95	63	135	23	10	46.00	£534.00
20P215CE	20	215	95	108	135	68	10	58.10	£768.00
24P180*	24	180	120	49	160	4	10	69.00	£1137.00
24P260*	24	260	120	129	160	84	5	98.00	£1521.00

* not included in the approval



STANDARD EMBEDMENT

Performance Data (20/25 Non-Cracked Concrete)

DIAMETER	MINIMUM STRUCTURE THICKNESS	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		RECOMMENDED RESISTANCE		DESIGN SPACING	DESIGN EDGE DISTANCE		TIGHTENING TORQUE
		kN		kN		kN			mm	mm	
mm	mm	Tensile	Shear	Tensile	Shear	Tensile	Shear	Tensile & Shear	Tensile	Shear	Nm
6	100	7.7	5.1	5.5	4.0	3.9	2.8	50	50	50	7
8	100	12.0	9.3	7.9	7.4	5.6	5.3	65	65	75	20
10	110	16.0	14.7	8.8	11.7	6.3	8.3	120	80	115	35
12	130	25.0	20.6	13.8	16.4	9.8	11.7	230	120	145	60
16	168	35.0	38.4	19.4	30.7	13.8	21.9	270	150	240	120
20	206	50.0	56.3	27.7	45.0	19.8	32.1	370	195	310	240

Shear loads towards a free edge are for single anchors where spacing $\geq 3 \times$ Edge Distance

REDUCED EMBEDMENT

Performance Data (20/25 Non-Cracked Concrete)

THREAD DIAMETER	MINIMUM STRUCTURE THICKNESS	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		RECOMMENDED RESISTANCE		DESIGN SPACING	DESIGN EDGE DISTANCE		TIGHTENING TORQUE
		kN		kN		kN			mm	mm	
mm	mm	Tensile	Shear	Tensile	Shear	Tensile	Shear	Tensile & Shear	Tensile	Shear	Nm
8	100	9.0	10.4	5.9	6.9	4.2	4.9	75	65	75	20
10	100	13.7	13.7	7.6	9.1	5.4	6.5	125	85	95	35
12	110	17.8	20.6	9.9	16.4	7.0	7.0	150	95	165	60
16	130	21.6	38.4	11.9	30.7	8.5	21.9	170	110	290	120
20	135	26.4	52.9	14.6	35.2	10.5	25.1	195	135	320	240

Shear loads towards a free edge are for single anchors where spacing $\geq 3 \times$ Edge Distance

REDUCED EMBEDMENT

INFLUENCE OF CONCRETE STRENGTH		C20/25	C25/30	C30/37	C40/50	C45/55	C50/60
Cylinder	N/mm ²	20	25	30	40	45	50
Cube	N/mm ²	25	30	37	50	55	60
Factor		1.0	1.1	1.22	1.41	1.48	1.55

PRODUCT INFORMATION
THROUGHBOLT - Option 1 Approved
 Zinc & Clear Passivated (Min 5µm)

A THROUGHBOLT WITH AN OPTION 1 EUROPEAN TECHNICAL APPROVAL
 Suitable for cracked and non-cracked concrete.



PART NUMBER	ANCHOR HOLE SIZE	ANCHOR LENGTH	THREAD LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm		kg	£
AP1-08075	8	75	20	10	60	100	2.99	£95.00
AP1-08095	8	95	40	30	60	100	3.60	£101.00
AP1-08115	8	115	60	50	60	100	4.24	£113.00
AP1-10090	10	90	20	10	75	50	5.88	£131.00
AP1-10110	10	110	40	30	75	50	6.88	£159.00
AP1-10130	10	130	60	50	75	50	9.90	£175.00
AP1-12110	12	110	30	15	90	25	9.92	£194.00
AP1-12125	12	125	45	30	90	25	11.0	£236.00
AP1-12160	12	160	80	65	90	25	13.6	£310.00
AP1-12180	12	180	80	85	90	25	15.0	£334.00
AP1-16135	16	135	35	15	110	20	21.6	£415.00
AP1-16170	16	170	70	50	110	20	26.3	£508.00
AP1-16200	16	200	80	80	110	10	32.0	£588.00

* not included in the approval

TECHNICAL INFORMATION
THROUGHBOLT – Option 1 Approved
 Zinc & Clear Passivated (Min 5µm)

Sales, Technical & Online Support | 0121 503 0213



MECHANICAL & METAL ANCHORS

PERFORMANCE DATA

					C20/25 Cracked Concrete				
ANCHOR/ HOLE SIZE	THREAD DIAMETER	EMBEDMENT DEPTH	FIXTURE CLEARANCE HOLE	CENTRE SPACING	EDGE SPACING	STRUCTURE THICKNESS	REC. TENSILE RESISTANCE	REC. SHEAR RESISTANCE	REC. TIGHTENING TORQUE
mm	mm	mm	mm	mm	mm	mm	KN	KN	Nm
8	M8	52	9	40	40	100	2.3	8.6	20
10	M10	68	12	45	50	120	4.0	12.6	25
12	M12	75	14	110	75	130	7.5	17.1	45
16	M16	97	18	200	110	170	11.8	26.9	90
Shear Loads are for loads away from a free edge									

PERFORMANCE DATA

					C20/25 Non-Cracked Concrete				
ANCHOR/ HOLE SIZE	THREAD DIAMETER	EMBEDMENT DEPTH	FIXTURE CLEARANCE HOLE	CENTRE SPACING	EDGE SPACING	STRUCTURE THICKNESS	REC. TENSILE RESISTANCE	REC. SHEAR RESISTANCE	REC. TIGHTENING TORQUE
mm	mm	mm	mm	mm	mm	mm	KN	KN	Nm
8	M8	52	9	200	100	100	5.7	8.5	20
10	M10	68	12	240	120	120	7.6	12.6	25
12	M12	75	14	320	160	130	11.9	17.1	45
16	M16	97	18	340	170	170	15.5	38.4	90
Shear Loads are for loads away from a free edge									

PRODUCT INFORMATION

THROUGHBOLT – Option 7 Approved

Stainless Steel A4-316

THE THROUGHBOLT IS A TORQUE CONTROLLED ANCHOR

Suitable for use in non-cracked concrete over C20/25.



PART NUMBER	ANCHOR HOLE SIZE	ANCHOR LENGTH	THREAD LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm		kg	£
06F040	6	40	16	5*	35	100	1.12	£210.00
06F065	6	67	30	10	55	100	1.38	£237.00
08F050	8	50	22	5*	45	100	2.32	£242.00
08F075	8	75	40	10	65	100	3.44	£278.00
08F095	8	95	60	30	65	100	4.19	£323.00
08F120	8	120	85	55	65	100	5.09	£359.00
10F060	10	60	25	10*	50	50	4.62	£377.00
10F085	10	85	40	10	70	50	6.00	£413.00
10F105	10	105	60	30	70	50	6.94	£484.00
10F125	10	125	80	50	70	50	8.42	£556.00
10F175	10	175	80	100	70	50	11.40	£721.00
12F095	12	95	50	14*	80	25	10.00	£583.00
12F105	12	105	60	10	90	25	10.20	£628.00
12F115	12	115	70	13*	90	25	11.36	£735.00
12F145	12	145	100	50	90	25	13.92	£843.00
12F200	12	200	100	105	90	25	16.84	£1358.00
16F115	16	115	60	13*	90	20	16.80	£1334.00
16F130	16	130	70	10	110	20	18.00	£1484.00
16F150	16	150	90	30	110	20	25.20	£1748.00
16F180	16	180	110	60	110	20	30.05	£1920.00
20F180	20	180	70	35	130	10	49.60	£3001.00
20F240	20	240	70	95	130	10	65.00	£3584.00

*Reduced loading due to shallow embedment depths



PERFORMANCE DATA (20/25 Non-Cracked Concrete) Reduced Embedment

THREAD DIAMETER	MINIMUM STRUCTURE THICKNESS	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		RECOMMENDED RESISTANCE		DESIGN SPACING	DESIGN EDGE DISTANCE		TIGHT. TORQUE
		kN		kN		kN			mm		
mm	mm	Tensile	Shear	Tensile	Shear	Tensile	Shear	Tensile & Shear	Tensile	Shear	Nm
6 ⁽¹⁾	80	6.0	8.3	3.8	5.5	2.7	3.9	35	55	65	6
8 ⁽¹⁾	80	9.0	10.4	5.9	6.9	4.3	4.3	75	85	85	15
10	100	12.0	13.7	7.9	9.1	5.7	6.5	95	95	95	25
12	105	17.8	17.8	11.9	11.9	8.5	8.5	150	145	120	50
16	130	25.8	51.7	17.2	34.4	12.3	24.5	195	160	330	100
20	160	34.7	69.5	23.1	46.3	16.5	33.0	235	200	385	160

Shear Loads towards a free edge are for single anchors where Spacing $\geq 3 \times$ Edge Distance.
 (1) use restricted to anchorages of indeterminate structural components.

PRODUCT INFORMATION
THROUGHBOLT – Hot Dipped Galvanised (EN1461)

THE THROUGHBOLT IS A TORQUE CONTROLLED ANCHOR
 Suitable for use in concrete over C20/25.



PART NUMBER	ANCHOR HOLE SIZE (mm)	ANCHOR LENGTH	THREAD LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm		kg	£
08G050	8	50	22	5*	45	100	2.32	£111.00
08G075	8	75	25	10	65	100	3.44	£123.00
08G095	8	95	25	30	65	100	4.19	£135.00
08G120	8	120	25	55	65	100	5.09	£148.00
10G060	10	60	25	10*	50	50	4.62	£147.00
10G070	10	70	30	20*	50	50	5.21	£159.00
10G080	10	80	30	10	70	50	6.00	£161.00
10G100	10	100	30	30	70	50	6.94	£165.00
10G125	10	125	30	50	70	50	8.42	£186.00
12G085	12	85	50	10*	70	25	10.00	£226.00
12G100	12	100	35	5	90	25	10.20	£246.00
12G115	12	115	35	20	90	25	11.36	£250.00
12G145	12	145	35	50	90	25	13.92	£290.00
12G180	12	180	80	85	90	25	16.84	£402.00
16G110	16	110	40	15*	85	20	20.70	£422.00
16G130	16	130	40	10	110	20	22.50	£476.00
16G150	16	150	40	30	110	20	25.20	£534.00
16G200	16	200	40	80	110	20	30.03	£718.00
20G170	20	170	45	25	130	10	49.60	£1053.00
20G220	20	220	45	75	130	10	65.00	£1146.00
20G280	20	280	45	135	130	10	72.49	£1454.00

*Reduced loading due to shallow embedment depths

PERFORMANCE DATA (20/25 Non-Cracked Concrete) Reduced Embedment

THREAD DIAMETER	MINIMUM STRUCTURE THICKNESS	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		RECOMMENDED RESISTANCE		DESIGN SPACING	DESIGN EDGE DISTANCE		TIGHT. TORQUE
		kN	kN	kN	kN	kN	kN		mm	mm	
mm	mm	Tensile	Shear	Tensile	Shear	Tensile	Shear	Tensile & Shear	Tensile	Shear	Nm
8	100	7.5	7.4	4.1	4.9	3.0	3.5	85	60	60	15
10	100	9.1	9.1	5.0	6.0	3.6	4.2	95	65	65	30
12	110	17.9	25.0	9.9	19.9	7.0	14.2	150	100	210	50
16	130	25.3	44.0	14.0	33.0	10.0	23.5	190	125	315	100

Reduced Embedment only for shorter anchors as indicated in Rage Table.
 Shear Loads towards a free edge are for single anchors where Spacing $\geq 3 \times$ Edge Distance.

PRODUCT INFORMATION

WIREHANGER

Zinc & Yellow Passivated (Min 5µm)

AN ALL STEEL HAMMER IN FIXING, OFFERING INCREASED FIRE RESISTANCE.

Suitable for use in concrete, masonry and some natural stone.



PART NUMBER	ANCHOR HOLE SIZE	ANCHOR LENGTH	EYE DIAMETER	MINIMUM HOLE DEPTH	REC. TENSILE LOAD	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	KN		kg	£
06WH055	6	55	6.0	40	1.5	100	1.5	£38.00

PRODUCT INFORMATION

SHIELD ANCHOR – Shield Only

Zinc & Yellow Passivated (Min 5µm)

A TORQUE CONTROLLED SHIELD ANCHOR

Suitable for use in concrete and solid brickwork.



PART NUMBER	THREAD DIAMETER	SHIELD HOLE SIZE	MAXIMUM FIXTURE THICKNESS	SHIELD LENGTH	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	KN		kg	£
06S000	M6	12	-	45	50	50	1.18	£93.00
08S000	M8	14	-	50	55	50	3.20	£121.00
10S000	M10	16	-	60	65	50	4.40	£179.00
12S000	M12	20	-	75	85	25	9.16	£301.00
16S000	M16	25	-	110	125	10	17.10	£587.00

PRODUCT INFORMATION

SHIELD ANCHOR – Shield Only

Stainless Steel A4-316

A TORQUE CONTROLLED SHIELD ANCHOR

Suitable for use in concrete and solid brickwork.



PART NUMBER	THREAD DIAMETER	SHIELD HOLE SIZE	MAXIMUM FIXTURE THICKNESS	SHIELD LENGTH	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm		kg	£
06S000SS	M6	12	-	45	50	25	1.18	£653.18
08S000SS	M8	14	-	50	55	25	3.20	£895.00
10S000SS	M10	16	-	60	65	25	4.40	£1293.00
12S000SS	M12	20	-	75	85	10	9.16	£2590.00

PRODUCT INFORMATION

SHIELD ANCHOR – Projecting Bolt Type

Zinc & Yellow Passivated (Min 5µm)

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MECHANICAL & METAL ANCHORS

A TORQUE CONTROLLED SHIELD ANCHOR
Suitable for use in concrete and solid brickwork.



PART NUMBER	THREAD DIAMETER	SHIELD HOLE SIZE	MAXIMUM FIXTURE THICKNESS	OVERALL LENGTH	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm		kg	£
06S010-P	M6	12	10	60	50	50	2.58	£112.00
06S025-P	M6	12	25	75	50	50	2.90	£123.00
06S050-P	M6	12	50	100	50	50	3.34	£142.00
08S015-P	M8	14	15	75	55	50	6.38	£162.00
08S040-P	M8	14	40	100	55	50	7.22	£184.00
08S080-P	M8	14	80	140	55	25	8.56	£191.00
10S010-P	M10	16	10	80	65	50	9.90	£225.00
10S030-P	M10	16	30	100	65	50	10.80	£243.00
10S050-P	M10	16	50	120	65	25	12.00	£260.00
10S070-P	M10	16	70	140	65	25	13.40	£295.00
12S015-P	M12	20	15	100	85	25	19.80	£385.00
12S025-P	M12	20	25	110	85	25	20.40	£425.00
12S050-P	M12	20	50	135	85	10	22.24	£450.00
12S070-P	M12	20	70	155	85	10	23.90	£484.00
16S035-P	M16	25	35	160	125	10	40.40	£837.00

TECHNICAL INFORMATION

SHIELD ANCHOR – Projecting Bolt Type

Zinc & Yellow Passivated (Min 5µm)

PERFORMANCE DATA (20/25 Non-Cracked Concrete)

THREAD DIAMETER	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		RECOMMENDED RESISTANCE		DESIGN SPACING	DESIGN EDGE DISTANCE	
	mm	kN	kN	kN	kN	mm		mm	
	Tensile	Shear	Tensile	Shear	Tensile	Shear	Tensile & Shear	Tensile	Shear
6	7.2	8.0	3.9	6.3	2.8	4.5	55	55	65
8	12.7	13.7	7.0	9.1	5.0	6.5	105	80	90
10	20.3	17.8	11.2	11.9	8.0	8.5	180	95	120
12	23.4	23.4	15.6	15.6	11.1	11.1	240	120	140
16	48.9	62.8	27.1	50.2	19.3	35.8	285	160	365

Shear Loads towards a free edge are for single anchors where Spacing ≥ 3 x Edge Distance.

PRODUCT INFORMATION

SHIELD ANCHOR – Loose bolt type

Zinc & Yellow Passivated (Min 5µm)

A TORQUE CONTROLLED SHIELD ANCHOR
 Suitable for use in concrete and solid brickwork.


PART NUMBER	THREAD DIAMETER	SHIELD HOLE SIZE	MAXIMUM FIXTURE THICKNESS	OVERALL LENGTH	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm		kg	£
06S010-L	M6	12	10	55	50	50	2.36	£115.00
06S025-L	M6	12	25	70	50	50	2.80	£140.00
06S040-L	M6	12	40	85	50	50	3.20	£144.00
08S010-L	M8	14	10	60	55	50	5.78	£158.00
08S025-L	M8	14	25	75	55	50	6.20	£173.00
08S040-L	M8	14	40	90	55	50	6.46	£197.00
10S010-L	M10	16	10	70	65	50	9.44	£229.00
10S025-L	M10	16	25	85	65	50	9.96	£270.00
10S050-L	M10	16	50	110	65	50	11.14	£295.00
10S075-L	M10	16	75	135	65	25	12.90	£323.00
12S010-L	M12	20	10	85	85	25	17.84	£361.00
12S025-L	M12	20	25	100	85	25	18.40	£426.00
12S040-L	M12	20	40	115	85	25	19.16	£476.00
12S060-L	M12	20	60	135	85	25	21.28	£519.00
16S015-L	M16	25	15	135	125	10	36.30	£964.00
16S030-L	M16	25	30	150	125	10	36.60	£1034.00
16S060-L	M16	25	60	180	125	10	42.40	£1239.00

TECHNICAL INFORMATION

SHIELD ANCHOR – Loose bolt type

Zinc & Yellow Passivated (Min 5µm)

PERFORMANCE DATA (20/25 Non-Cracked Concrete)

THREAD DIAMETER	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		RECOMMENDED RESISTANCE		DESIGN SPACING	DESIGN EDGE DISTANCE		
	mm	kN	kN	kN	kN	mm		mm	mm	
		Tensile	Shear	Tensile	Shear	Tensile	Shear	Tensile & Shear	Tensile	Shear
6		7.2	8.0	3.9	6.3	2.8	4.5	55	55	65
8		12.7	13.7	7.0	9.1	5.0	6.5	105	80	90
10		20.3	17.8	11.2	11.9	8.0	8.5	180	95	120
12		23.4	23.4	15.6	15.6	11.1	11.1	240	120	140
16		48.9	62.8	27.1	50.2	19.3	35.8	285	160	365

 Shear Loads towards a free edge are for single anchors where Spacing $\geq 3 \times$ Edge Distance.

PRODUCT INFORMATION

SHIELD ANCHOR – Eye Bolt

Zinc & Yellow Passivated (Min 5µm)

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A TORQUE CONTROLLED SHIELD ANCHOR
Suitable for use in concrete and solid brickwork.



PART NUMBER	THREAD DIAMETER	SHIELD HOLE SIZE	EYE DIAMETER	OVERALL LENGTH	REC. TENSILE RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	KN		kg	£
06S000EYE	M6	12	10	80	1.4	25	7.96	£189.00
08S000EYE	M8	14	11	95	2.6	25	9.52	£249.00
10S000EYE	M10	16	14	115	4.2	10	15.62	£337.00
12S000EYE	M12	20	16	130	6.1	10	27.64	£643.00

PRODUCT INFORMATION

SHIELD ANCHOR – Hook Bolt

Zinc & Yellow Passivated (Min 5µm)

A TORQUE CONTROLLED SHIELD ANCHOR
Suitable for use in concrete and solid brickwork.



PART NUMBER	THREAD DIAMETER	SHIELD HOLE SIZE	EYE DIAMETER	OVERALL LENGTH	REC. TENSILE RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	KN		kg	£
06S000HOOK	M6	12	8	80	0.8	25	7.60	£189.00
08S000HOOK	M8	14	10	95	1.6	25	8.20	£249.00
10S000HOOK	M10	16	12	115	2.5	10	14.50	£337.00
12S000HOOK	M12	20	16	145	3.9	10	26.90	£643.00

PRODUCT INFORMATION
HEAVY DUTY ANCHOR – Bolt Type
Option 1 Approved – Zinc & Clear (Min 5µm)

A TORQUE CONTROLLED HEAVY DUTY ANCHOR
 Suitable for use in cracked and non-cracked concrete over C20/25.



PART NUMBER	ANCHOR HOLE SIZE	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm		kg	£
HDB6-10	10	75	10	65	50	5.50	£222.00
HDB6-30	10	95	30	65	50	7.50	£238.00
HDB6-50	10	115	50	65	50	8.30	£269.00
HDB8-10	12	87	10	80	50	9.90	£235.00
HDB8-30	12	107	30	80	25	10.50	£269.00
HDB8-50	12	127	50	80	25	11.70	£301.00
HDB10-15	15	108	15	95	25	12.50	£329.00
HDB10-25	15	118	25	95	25	15.50	£356.00
HDB10-45	15	138	45	95	25	18.00	£405.00
HDB12-10	18	117	10	105	20	21.50	£530.00
HDB12-20	18	127	20	105	20	24.50	£578.00
HDB12-40	18	147	40	105	20	29.50	£650.00
HDB12-70	18	177	70	105	20	30.50	£709.00
HDB16-10	24	132	10	130	10	45.50	£1040.00
HDB16-20	24	152	20	130	10	52.50	£1117.00
HDB16-50	24	182	50	130	10	58.50	£1257.00
HDB20-30	28	192	30	160	10	93.33	£2114.00
HDB20-60	28	222	60	160	5	107.50	£2319.00

TECHNICAL INFORMATION
HEAVY DUTY ANCHOR – Bolt Type
Option 1 Approved – Zinc & Clear (Min 5µm)

Sales, Technical & Online Support | 0121 503 0213



MECHANICAL & METAL ANCHORS

PERFORMANCE DATA (C20/25 Cracked Concrete)

SIZE OF THREAD	EFFECTIVE EMBEDMENT DEPTH (h_{ef})	MINIMUM CONCRETE THICKNESS (h_{min})	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		APPROVED RESISTANCE		DESIGN SPACING (S)		DESIGN EDGE DISTANCE	
			kN		kN		kN		mm		mm	
-	mm	mm	Tensile (N_{Rk})	Shear (V_{Rk})	Tensile (N_{Rd})	Shear (V_{Rd})	Tensile (N_{Ra})	Shear (V_{Ra})	Tensile	Shear	Tensile	Shear
M6	50	100	5.0	18.0	3.3	14.4	2.3	10.2	50	140	50	230
M8	60	120	12.0	33.4	8.0	22.2	5.7	15.8	80	180	60	320
M10	71	140	16.0	43.0	10.6	28.6	7.5	20.4	110	220	70	380
M12	80	160	25.7	51.5	17.1	34.3	12.2	24.5	240	240	120	410
M16	100	200	36.0	72.0	24.0	48.0	17.1	34.2	300	300	150	500
M20	125	250	50.3	100.6	33.5	67.0	23.9	47.8	380	380	190	610

PERFORMANCE DATA (C20/25 Non-Cracked Concrete)

SIZE OF THREAD	EFFECTIVE EMBEDMENT DEPTH (h_{ef})	MINIMUM CONCRETE THICKNESS (h_{min})	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		APPROVED RESISTANCE		DESIGN SPACING (S)		DESIGN EDGE DISTANCE	
			kN		kN		kN		mm		mm	
-	mm	mm	Tensile (N_{Rk})	Shear (V_{Rk})	Tensile (N_{Rd})	Shear (V_{Rd})	Tensile (N_{Ra})	Shear (V_{Ra})	Tensile	Shear	Tensile	Shear
M6	50	100	16.0	18.0	10.6	14.4	7.5	10.2	200	60	110	160
M8	60	120	20.0	30.0	13.3	24.0	9.5	17.1	200	100	130	240
M10	71	140	30.2	48.0	20.1	38.4	14.3	27.4	360	200	180	360
M12	80	160	36.1	72.2	24.0	48.1	17.1	34.3	400	240	200	410
M16	100	200	50.5	101	33.6	67.3	24.0	48.0	500	300	250	500
M20	125	250	70.6	141.1	47.0	94.0	33.5	67.1	630	380	320	610

PRODUCT INFORMATION
HEAVY DUTY ANCHOR – Nut Type
Option 1 Approved – Zinc & Clear (Min 5µm)

A TORQUE CONTROLLED HEAVY DUTY ANCHOR
 Suitable for use in cracked and non-cracked concrete over C20/25.



PART NUMBER	ANCHOR HOLE SIZE	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm		kg	£
HDS8-10	12	90	10	80	50	6.60	£249.00
HDS8-30	12	110	30	80	50	8.00	£283.00
HDS8-50	12	130	50	80	25	10.00	£312.00
HDS10-15	15	111	15	95	25	12.80	£342.00
HDS10-25	15	121	25	95	25	14.00	£372.00
HDS10-45	15	141	45	95	25	16.00	£424.00
HDS12-10	18	122	10	105	20	20.50	£560.00
HDS12-20	18	132	20	105	20	22.00	£608.00
HDS12-40	18	152	40	105	20	25.50	£677.00
HDS12-70	18	182	70	105	20	30.50	£759.00
HDS16-20	24	157	20	130	10	47.00	£1187.00
HDS16-50	24	187	50	130	10	55.00	£1323.00



PERFORMANCE DATA (C20/25 Cracked Concrete)

SIZE OF THREAD	EFFECTIVE EMBEDMENT DEPTH (h_{ef})	MINIMUM CONCRETE THICKNESS (h_{min})	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		APPROVED RESISTANCE		DESIGN SPACING (S)		DESIGN EDGE DISTANCE (C)	
			kN		kN		kN		mm		mm	
-	mm	mm	Tensile (N_{Rk})	Shear (V_{Rk})	Tensile (N_{Rd})	Shear (V_{Rd})	Tensile (N_{Ra})	Shear (V_{Ra})	Tensile	Shear	Tensile	Shear
M8	60	120	12.0	25.0	8.0	20.0	5.7	14.2	80	150	60	290
M10	71	140	16.0	43.0	10.6	28.6	7.5	20.4	110	220	70	380
M12	80	160	25.7	51.5	17.1	34.3	12.2	24.5	240	240	120	410
M16	100	200	36.0	72.0	24.0	48.0	17.1	34.2	300	300	150	500

PERFORMANCE DATA (C20/25 Non-Cracked Concrete)

SIZE OF THREAD	EFFECTIVE EMBEDMENT DEPTH (h_{ef})	MINIMUM CONCRETE THICKNESS (h_{min})	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		APPROVED RESISTANCE		DESIGN SPACING (S)		DESIGN EDGE DISTANCE (C)	
			kN		kN		kN		mm		mm	
-	mm	mm	Tensile (N_{Rk})	Shear (V_{Rk})	Tensile (N_{Rd})	Shear (V_{Rd})	Tensile (N_{Ra})	Shear (V_{Ra})	Tensile	Shear	Tensile	Shear
M8	60	120	20.0	25.0	13.3	20.0	9.5	14.2	200	60	130	200
M10	71	140	30.2	36.0	20.1	28.8	14.3	20.5	360	100	180	260
M12	80	160	36.1	72.2	24.0	48.1	17.1	34.3	400	240	200	410
M16	100	200	50.5	101	33.6	67.3	24.0	48.0	500	300	250	500

PRODUCT INFORMATION
HEAVY DUTY ANCHOR – Countersunk
Option 1 Approved – Zinc & Clear (Min 5µm)

A TORQUE CONTROLLED HEAVY DUTY ANCHOR
 Suitable for use in cracked and non-cracked concrete over C20/25.



PART NUMBER	ANCHOR HOLE SIZE	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	HEAD DIAMETER	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
HDCSK10-10	10	M6	70	10	65	16.5	50	3.7	£335.00
HDCSK10-25	10	M6	85	25	65	16.5	50	4.5	£351.00
HDCSK10-45	10	M6	100	40	65	16.5	50	6.2	£370.00
HDCSK12-10	12	M8	80	10	80	20.5	50	6.4	£397.00
HDCSK12-25	12	M8	95	25	80	20.5	50	7.7	£434.00
HDCSK12-50	12	M8	120	50	80	20.5	25	9.6	£462.00
HDCSK15-10	15	M10	100	10	95	24.5	25	11.0	£536.00
HDCSK15-25	15	M10	110	25	95	24.5	25	12.6	£565.00
HDCSK15-50	15	M10	135	50	95	24.5	25	15.6	£621.00
HDCSK18-20	18	M12	115	20	105	29.5	20	21.0	£869.00
HDCSK18-40	18	M12	135	40	105	29.5	20	25.0	£962.00



PERFORMANCE DATA (C20/25 Cracked Concrete)

SIZE OF THREAD	EFFECTIVE EMBEDMENT DEPTH (h_{ef})	MINIMUM CONCRETE THICKNESS (h_{min})	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		APPROVED RESISTANCE		DESIGN SPACING (S)		DESIGN EDGE DISTANCE (C)	
			kN		kN		kN		mm		mm	
-	mm	mm	Tensile (N_{Rk})	Shear (V_{Rk})	Tensile (N_{Rd})	Shear (V_{Rd})	Tensile (N_{Ra})	Shear (V_{Ra})	Tensile	Shear	Tensile	Shear
M6	50	100	5.0	18.0	3.3	14.4	2.3	10.2	50	140	50	230
M8	60	120	12.0	33.4	8.0	20.2	5.7	15.8	80	180	60	320
M10	71	140	16.0	43.0	10.6	28.6	7.5	20.4	110	220	70	380
M12	80	160	25.7	51.5	17.1	34.3	12.2	24.5	240	240	120	410

PERFORMANCE DATA (C20/25 Non-Cracked Concrete)

SIZE OF THREAD	EFFECTIVE EMBEDMENT DEPTH (h_{ef})	MINIMUM CONCRETE THICKNESS (h_{min})	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		APPROVED RESISTANCE		DESIGN SPACING (S)		DESIGN EDGE DISTANCE (C)	
			kN		kN		kN		mm		mm	
-	mm	mm	Tensile (N_{Rk})	Shear (V_{Rk})	Tensile (N_{Rd})	Shear (V_{Rd})	Tensile (N_{Ra})	Shear (V_{Ra})	Tensile	Shear	Tensile	Shear
M6	50	100	16.0	18.0	10.6	14.4	7.5	10.2	200	60	110	160
M8	60	120	20.0	30.0	13.3	24.0	9.5	17.1	200	100	130	240
M10	71	140	30.2	48.0	20.1	34.4	14.3	27.4	360	200	180	360
M12	80	160	36.1	72.2	24.0	48.1	17.1	34.3	400	240	200	410

PRODUCT INFORMATION
HEAVY DUTY ANCHOR – Nut Type
Option 1 Approved – Stainless Steel A4-316
A TORQUE CONTROLLED HEAVY DUTY ANCHOR
 Suitable for use in cracked and non-cracked concrete over C20/25.


PART NUMBER	ANCHOR HOLE SIZE	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm		kg	£
HDS12-10SS	12	M8	89	10	80	50	6.4	£1005.00
HDS12-30SS	12	M8	109	30	80	50	7.7	£1197.00
HDS15-15SS	15	M10	110	15	95	25	11.0	£1462.00
HDS15-25SS	15	M10	120	25	95	25	12.6	£1554.00
HDS18-20SS	18	M12	131	20	105	20	23.0	£2559.00
HDS18-40SS	18	M12	151	40	105	20	25.0	£2668.00

TECHNICAL INFORMATION
HEAVY DUTY ANCHOR – Nut Type
Option 1 Approved – Stainless Steel A4-316
PERFORMANCE DATA (C20/25 Cracked Concrete)

SIZE OF THREAD	EFFECTIVE EMBEDMENT DEPTH (h_{ef})	MINIMUM CONCRETE THICKNESS (h_{min})	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		APPROVED RESISTANCE		DESIGN SPACING (S)		DESIGN EDGE DISTANCE (C)	
			kN		kN		kN		mm		mm	
-	mm	mm	Tensile (N_{Rk})	Shear (V_{Rk})	Tensile (N_{Rd})	Shear (V_{Rd})	Tensile (N_{Ra})	Shear (V_{Ra})	Tensile	Shear	Tensile	Shear
M8	60	120	16.0	24.0	10.6	19.2	7.5	13.7	130	50	110	190
M10	71	140	25.0	37.0	16.6	29.6	11.8	21.1	310	100	190	270
M12	80	160	35.0	72.2	23.3	48.1	16.6	34.3	500	240	260	410

PERFORMANCE DATA (C20/25 Non-Cracked Concrete)

SIZE OF THREAD	EFFECTIVE EMBEDMENT DEPTH (h_{ef})	MINIMUM CONCRETE THICKNESS (h_{min})	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		APPROVED RESISTANCE		DESIGN SPACING (S)		DESIGN EDGE DISTANCE (C)	
			kN		kN		kN		mm		mm	
-	mm	mm	Tensile (N_{Rk})	Shear (V_{Rk})	Tensile (N_{Rd})	Shear (V_{Rd})	Tensile (N_{Ra})	Shear (V_{Ra})	Tensile	Shear	Tensile	Shear
M8	60	120	9.0	24.0	6.0	19.2	4.2	13.7	50	130	50	280
M10	71	140	16.0	43.0	10.6	28.6	7.5	20.4	110	220	70	380
M12	80	160	25.7	51.5	17.1	34.3	12.2	24.5	240	240	120	410

PRODUCT INFORMATION

SLEEVE ANCHOR – Countersunk Type

Zinc & Yellow Passivated (Min 5µm)

Sales, Technical & Online Support | 0121 503 0213

A THIN WALLED SLEEVE ANCHOR

Suitable for use in most types of concrete or masonry.



PART NUMBER	ANCHOR HOLE SIZE	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	HEAD DIAMETER	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm			kg	£
08C065	8	M6	65	30	40	14	100	1.92	£92.00
08C090	8	M6	90	50	40	14	50	2.79	£105.00
10C080	10	M8	80	40	45	16	50	3.70	£119.00
10C100	10	M8	100	60	45	16	50	5.44	£143.00

TECHNICAL INFORMATION

SLEEVE ANCHOR – Countersunk Type

Zinc & Yellow Passivated (Min 5µm)

PERFORMANCE DATA (C20/25 Non-Cracked Concrete)

OUTSIDE DIAM	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		RECOMMENDED RESISTANCE		DESIGN SPACING (S)	DESIGN EDGE DISTANCE (C)	
	mm	kN	kN	kN	kN	mm		mm	mm
	Tensile (N _{Rk})	Shear (V _{Rk})	Tensile (N _{Rd})	Shear (V _{Rd})	Tensile (N _{Ra})	Shear (V _{Ra})	Tensile & Shear	Tensile	Shear
8	6.0	4.0	3.6	3.1	2.5	2.2	55	45	40
10	10.2	8.3	5.6	5.5	4.0	3.9	100	70	60

Shear Loads towards a free edge are for single anchors where Spacing ≥ 3 x Edge Distance.

PRODUCT INFORMATION

SLEEVE ANCHOR – Countersunk Type

Stainless Steel A2-304

A THIN WALLED SLEEVE ANCHOR

Suitable for use in most types of concrete or masonry.



PART NUMBER	ANCHOR HOLE SIZE	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	HEAD DIAMETER	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
08C045SS	8	M6	45	8	50	12	100	1.62	£206.00
08C060SS	8	M6	60	18	60	12	100	1.93	£245.00
10C060SS	10	M8	60	9	60	16	100	3.15	£285.00
10C080SS	10	M8	80	19	80	16	100	4.20	£365.00
12C070SS	12	M10	70	10	75	20	100	5.83	£527.00
12C100SS	12	M10	100	30	100	20	100	7.66	£672.00

TECHNICAL INFORMATION

SLEEVE ANCHOR – Countersunk Type

Stainless Steel A2-304

PERFORMANCE DATA (C20/25 Non-Cracked Concrete)

OUTSIDE DIAM	EMBEDMENT DEPTH	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		RECOMMENDED RESISTANCE		DESIGN SPACING (S)	DESIGN EDGE DISTANCE (C)	
		kN	kN	kN	kN	kN	kN		mm	mm
mm	mm	Tensile (N_{Rk})	Shear (V_{Rk})	Tensile (N_{Rd})	Shear (V_{Rd})	Tensile (N_{Ra})	Shear (V_{Ra})	Tensile & Shear	Tensile	Shear
8	38	7.5	7.0	4.1	4.4	2.9	3.1	90	45	55
8	43	9.1	7.0	5.0	4.4	3.5	3.1	105	55	55
10	53	9.5	12.8	5.2	8.2	3.7	5.8	120	60	95
10	63	13.1	12.8	7.2	8.2	5.1	5.8	155	80	95
12	63	12.7	17.0	7.0	11.9	5.0	8.5	145	75	125
12	73	21.8	20.3	12.1	11.9	8.6	8.5	165	85	145

 Shear Loads towards a free edge are for single anchors where Spacing $\geq 3 \times$ Edge Distance.

PRODUCT INFORMATION

SLEEVE ANCHOR – Nut Type

Zinc & Yellow Passivated (Min 5µm)

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MECHANICAL & METAL ANCHORS

A THIN WALLED SLEEVE ANCHOR

Suitable for use in most types of concrete or masonry.



PART NUMBER	ANCHOR HOLE SIZE	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm		kg	£
08X040	8	M6	40	5	35	100	1.60	£50.00
08X065	8	M6	65	30	40	50	2.42	£63.00
08X080	8	M6	80	45	40	50	3.14	£82.00
10X045	10	M8	45	5	45	50	3.26	£66.00
10X070	10	M8	70	30	45	50	4.64	£83.00
10X095	10	M8	95	55	45	50	6.04	£110.00
10X120	10	M8	120	80	45	50	6.40	£126.00
12X060	12	M10	60	15	50	50	6.52	£103.00
12X070	12	M10	70	20	60	50	6.84	£113.00
12X095	12	M10	95	50	60	25	8.90	£146.00
12X120	12	M10	120	65	60	25	10.95	£193.00
16X065	16	M12	65	10	60	25	14.60	£173.00
16X105	16	M12	105	50	65	10	15.80	£235.00
16X150	16	M12	150	90	65	10	20.10	£307.00
20X075	20	M16	75	15	70	10	21.60	£357.00
20X100	20	M16	100	45	70	10	27.60	£426.00
20X140	20	M16	140	85	70	10	36.80	£525.00

TECHNICAL INFORMATION

SLEEVE ANCHOR – Nut Type

Zinc & Yellow Passivated (Min 5µm)

Loads are not applicable to anchors with reduced embedment depth.

PERFORMANCE DATA (C20/25 Non-Cracked Concrete)

OUTSIDE DIAM	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		RECOMMENDED RESISTANCE		DESIGN SPACING (S)	DESIGN EDGE DISTANCE (C)	
	mm	kN	kN	kN	kN	mm		mm	mm
	Tensile (N _{Rk})	Shear (V _{Rk})	Tensile (N _{Rd})	Shear (V _{Rd})	Tensile (N _{Ed})	Shear (V _{Ed})	Tensile & Shear	Tensile	Shear
8	6.6	4.0	3.6	3.1	2.5	2.2	55	45	40
10	10.2	8.3	5.6	5.5	4.0	3.9	100	70	60
12	12.6	12.7	6.9	8.4	5.0	6.0	115	80	85
16	15.0	15.2	8.3	10.1	5.9	7.2	130	90	100
20	17.7	17.8	9.8	11.8	7.0	8.4	200	100	115

Shear Loads towards a free edge are for single anchors where Spacing ≥ 3 x Edge Distance.

PRODUCT INFORMATION

SLEEVE ANCHOR – Bolt Type

Zinc & Yellow Passivated (Min 5µm)

A THIN WALLED SLEEVE ANCHOR

Suitable for use in most types of concrete or masonry.



PART NUMBER	ANCHOR HOLE SIZE	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm		kg	£
08XB040	8	M6	40	2	45	100	1.85	£55.00
08XB065	8	M6	65	25	45	50	2.54	£66.00
08XB090	8	M6	90	45	45	50	3.22	£89.00
10XB045	10	M8	45	5	45	50	3.26	£74.00
10XB055	10	M8	55	15	45	50	3.56	£77.00
10XB075	10	M8	75	30	50	50	4.84	£82.00
10XB095	10	M8	95	50	50	50	6.00	£113.00
12XB060	12	M10	60	5	65	50	5.92	£114.00
12XB075	12	M10	75	20	65	50	7.20	£124.00
12XB095	12	M10	95	40	65	25	8.80	£154.00
12XB115	12	M10	115	65	65	25	10.8	£181.00
16XB065	16	M12	65	5	65	25	10.75	£189.00
16XB100	16	M12	100	40	65	10	16.10	£263.00

TECHNICAL INFORMATION

SLEEVE ANCHOR – Bolt Type

Zinc & Yellow Passivated (Min 5µm)

Loads are not applicable to anchors with reduced embedment depth.

PERFORMANCE DATA (C20/25 Non-Cracked Concrete)

OUTSIDE DIAM	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		RECOMMENDED RESISTANCE		DESIGN SPACING (S)	DESIGN EDGE DISTANCE (C)	
	mm	kN	kN	kN	kN	mm		mm	mm
	Tensile (N _{Rk})	Shear (V _{Rk})	Tensile (N _{Rd})	Shear (V _{Rd})	Tensile (N _{Ra})	Shear (V _{Ra})	Tensile & Shear	Tensile	Shear
8	6.6	4.0	3.6	3.1	2.5	2.2	55	45	40
10	10.2	8.3	5.6	5.5	4.0	3.9	100	70	60
12	12.6	12.7	6.9	8.4	5.0	6.0	115	80	85
16	15.0	15.2	8.3	10.1	5.9	7.2	130	90	100

Shear Loads towards a free edge are for single anchors where Spacing ≥ 3 x Edge Distance.

PRODUCT INFORMATION

SLEEVE ANCHOR – Eye Bolt

Zinc & Yellow Passivated (Min 5µm)

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A THIN WALLED SLEEVE ANCHOR

Suitable for use in most types of concrete or masonry.



PART NUMBER	SHIELD HOLE SIZE	THREAD DIAMETER	EYE DIAMETER	MINIMUM HOLE DEPTH	REC. TENSILE RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	KN		kg	£
08X045EYE	8	M6	8	45	0.6	100	2.12	£114.00

PRODUCT INFORMATION

SLEEVE ANCHOR – Hook Bolt

Zinc & Yellow Passivated (Min 5µm)

A THIN WALLED SLEEVE ANCHOR

Suitable for use in most types of concrete or masonry.



PART NUMBER	SHIELD HOLE SIZE	THREAD DIAMETER	EYE DIAMETER	MINIMUM HOLE DEPTH	REC. TENSILE RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	KN		kg	£
08X045HOOK	8	M6	11	45	0.6	100	2.47	£114.00

PRODUCT INFORMATION

SLEEVE ANCHOR – Eye Bolt

Stainless Steel A2-304

A THIN WALLED SLEEVE ANCHOR

Suitable for use in most types of concrete or masonry.



PART NUMBER	SHIELD HOLE SIZE	THREAD DIAMETER	EYE DIAMETER	MINIMUM HOLE DEPTH	REC. TENSILE RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	KN		kg	£
08X050EYESS	8	M6	10	50	2.0	50	2.60	£348.00

PRODUCT INFORMATION

SLEEVE ANCHOR – Hook Bolt

Stainless Steel A2-304

A THIN WALLED SLEEVE ANCHOR

Suitable for use in most types of concrete or masonry.



PART NUMBER	SHIELD HOLE SIZE	THREAD DIAMETER	EYE DIAMETER	MINIMUM HOLE DEPTH	REC. TENSILE RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	KN		kg	£
10X065HOOKSS	10	M8	11	65	5.0	50	5.00	£590.00

PRODUCT INFORMATION
SLEEVE ANCHOR - Nut Type
 Stainless Steel A4-316

A THIN WALLED SLEEVE ANCHOR
 Suitable for use in most types of concrete or masonry.



PART NUMBER	ANCHOR HOLE SIZE	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm		kg	£
06X055SS	6	M4.5	55	25	35	100	1.26	£176.00
08X040SS	8	M6	40	5	40	100	2.31	£189.00
08X065SS	8	M6	65	30	40	50	2.48	£234.00
10X050SS	10	M8	50	10	45	50	3.28	£295.00
10X075SS	10	M8	75	35	45	50	4.62	£381.00
10X100SS	10	M8	95	55	45	50	5.88	£480.00
12X055SS	12	M10	55	10	50	50	5.81	£491.00
12X065SS	12	M10	65	20	60	50	6.88	£551.00
12X095SS	12	M10	95	50	60	25	9.05	£695.00

TECHNICAL INFORMATION
SLEEVE ANCHOR - Nut Type
 Stainless Steel A4-316

Loads are not applicable to anchors with reduced embedment depth.

PERFORMANCE DATA (C20/25 Non-Cracked Concrete)

OUTSIDE DIAM	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		RECOMMENDED RESISTANCE		DESIGN SPACING (S)	DESIGN EDGE DISTANCE (C)	
	kN		kN		kN		mm	mm	
mm	Tensile (N_{Rk})	Shear (V_{Rk})	Tensile (N_{Rd})	Shear (V_{Rd})	Tensile (N_{Ra})	Shear (V_{Ra})	Tensile & Shear	Tensile	Shear
6	5.4	3.5	3.0	2.8	2.1	2.0	50	40	35
8	6.6	4.0	3.6	3.1	2.5	2.2	55	45	40
10	10.2	7.3	5.6	5.8	4.0	4.1	100	70	60
12	12.6	11.6	6.9	9.2	5.0	6.5	115	80	85

PRODUCT INFORMATION
DROP IN ANCHOR – Setting Punches

Sales, Technical & Online Support | 0121 503 0213

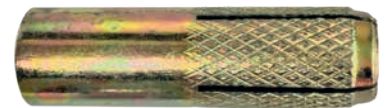
THE CORRECT SIZE SETTING PUNCH MUST BE USED TO SAFELY INSTALL DROP IN ANCHORS



PART NUMBER	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
		kg	£
06Y900	1	0.10	£6.50
08Y900	1	0.15	£7.00
10Y900	1	0.16	£7.50
12Y900	1	0.22	£8.00
16Y900	1	0.41	£8.50
20Y900	1	0.55	£11.00

PRODUCT INFORMATION
DROP IN ANCHOR
 Zinc & Yellow Passivated (Min 5µm)

THE DROP IN ANCHOR IS A DEFORMATION CONTROLLED ANCHOR
 Suitable for use in concrete over C20/25



PART NUMBER	THREAD DIAMETER	ANCHOR HOLE SIZE	ANCHOR LENGTH	MINIMUM HOLE DEPTH	INTERNAL THREAD LENGTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm		kg	£
06Y000	M6	8	25	25	10	100	0.84	£26.00
08Y000	M8	10	30	30	14	100	1.58	£35.00
10Y000	M10	12	40	40	15	50	2.40	£56.00
12Y000	M12	15	50	50	20	50	5.92	£83.00
16Y000	M16	20	65	65	22	25	11.20	£181.00
20Y000	M20	25	80	80	30	25	19.00	£446.00

PRODUCT INFORMATION

DROP IN ANCHOR – Lipped

Zinc & Yellow Passivated (Min 5µm)

LIPPED DROP IN ANCHORS

Can be accurately set independent of the hole depth and can be used in hollow base material applications.



PART NUMBER	THREAD DIAMETER	ANCHOR HOLE SIZE	ANCHOR LENGTH	MINIMUM HOLE DEPTH	INTERNAL THREAD LENGTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm		kg	£
06Y000L	M6	8	25	25	10	100	0.84	£36.00
08Y000L	M8	10	30	30	14	100	1.58	£49.00
10Y000SL	M10	12	30	30	15	50	2.00	£55.00
10Y000L	M10	12	40	40	15	50	2.40	£59.00
12Y000L	M12	15	50	50	20	50	5.92	£118.00
16Y000L	M16	20	65	65	22	25	11.20	£261.00

TECHNICAL INFORMATION

DROP IN ANCHOR – Lipped

Zinc & Yellow Passivated (Min 5µm)

PERFORMANCE DATA (C20/25 Non-Cracked Concrete)

THREAD DIAM	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		APPROVED RESISTANCE		DESIGN SPACING (S)	DESIGN EDGE DISTANCE (C)	
	kN		kN		kN		mm	mm	
mm	Tensile (N_{Rk})	Shear (V_{Rk})	Tensile (N_{Rd})	Shear (V_{Rd})	Tensile (N_{Ra})	Shear (V_{Ra})	Tensile & Shear	Tensile	Shear
6	6.3	4.0	3.5	2.4	2.5	1.7	75	90	90
8	8.2	5.4	4.5	3.5	3.2	2.5	90	95	95
10	12.7	9.6	7.0	5.7	5.0	4.1	120	135	135
12	17.8	16.8	9.9	10.0	7.0	7.1	150	165	165
16	26.4	31.3	14.6	18.7	10.4	13.3	195	200	200
20	36.1	49.0	20.0	29.3	14.2	20.9	240	260	200

PRODUCT INFORMATION

DROP IN ANCHOR – CE Approved
Zinc & Clear Passivated (Min 5µm)

Sales, Technical & Online Support | 0121 503 0213

THE DROP IN ANCHOR IS A DEFORMATION CONTROLLED ANCHOR
Suitable for use in concrete over C20/25



PART NUMBER	THREAD DIAMETER	ANCHOR HOLE SIZE	ANCHOR LENGTH	MINIMUM HOLE DEPTH	INTERNAL THREAD LENGTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm		kg	£
08Y000CE	M8	10	30	30	13	100	1.17	£48.00
10Y000CE	M10	12	40	40	15	50	2.14	£78.00
12Y000CE	M12	15	50	50	18	50	4.36	£123.00
16Y000CE	M16	20	65	65	23	25	10.20	£243.00

PRODUCT INFORMATION

DROP IN ANCHOR – CE Approved
Stainless Steel A4-316

THE DROP IN ANCHOR IS A DEFORMATION CONTROLLED ANCHOR
Suitable for use in concrete over C20/25



PART NUMBER	THREAD DIAMETER	ANCHOR HOLE SIZE	ANCHOR LENGTH	MINIMUM HOLE DEPTH	INTERNAL THREAD LENGTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	KN		kg	£
06Y000J	M6	8	30	30	11	200	0.82	£264.00
08Y000J	M8	10	30	30	13	100	1.60	£307.00
10Y000J	M10	12	40	40	15	100	2.38	£428.00
12Y000J	M12	15	50	50	19	50	5.96	£533.00
16Y000J	M16	20	65	65	25	25	11.80	£1273.00

TECHNICAL INFORMATION

DROP IN ANCHOR – CE Approved
Stainless Steel A4-316

Multiple use for non-structural applications

PERFORMANCE DATA (C20/25 Cracked & Non-Cracked Concrete)

THREAD DIAM	CHARACTERISTIC RESISTANCE	DESIGN RESISTANCE	APPROVED RESISTANCE	SPACING	EDGE DISTANCE (C)
mm	kN	kN	kN	mm	mm
	Load in any direction	Load in any direction	Load in any direction	Tensile & Shear	Tensile & Shear
8	5.0	2.31	1.65	90	95
10	6.0	2.77	1.92	120	135
12	6.0	3.33	2.37	150	165
16	16.0	8.88	6.34	195	200

PRODUCT INFORMATION

SCREWBOLT - Hexagon Flange Head

Zinc & Clear passivated (Min 5µm)

The Screwbolt is a boron steel self-tapping anchor for use in a variety of base materials. The self-tapping action provides a positive anchorage in concrete, brick, stone and blocks.



PART NUMBER	DRILL DIAMETER	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	DRIVER TYPE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
SB06050	5.0	6.0	50	25	35	8	100	0.98	£23.00
SB06075	5.0	6.0	75	50	35	8	100	1.35	£26.00
SB08030	6.0	8.0	30	5	35	10	100	1.00	£27.00
SB08050	6.0	8.0	50	20	40	10	100	1.49	£36.00
SB08075	6.0	8.0	75	45	40	10	100	2.02	£47.00
SB08100	6.0	8.0	100	70	40	10	100	2.57	£58.00
SB08130	6.0	8.0	130	100	40	10	100	3.23	£69.00
SB08150	6.0	8.0	150	120	40	10	100	3.66	£75.00

PRODUCT INFORMATION

SCREWBOLT – Hexagon Head

Zinc & Clear passivated (Min 5µm)

Sales, Technical & Online Support | 0121 503 0213

The Screwbolt is a boron steel self-tapping anchor for use in a variety of base materials. The self-tapping action provides a positive anchorage in concrete, brick, stone and blocks.



MECHANICAL & METAL ANCHORS

PART NUMBER	DRILL DIAMETER	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	DRIVER TYPE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
SB10060	8.0	10.0	60	20	55	15	100	2.99	£39.00
SB10075	8.0	10.0	75	35	55	15	100	3.58	£47.00
SB10100	8.0	10.0	100	60	55	15	100	4.53	£65.00
SB10130	8.0	10.0	130	90	55	15	50	5.20	£92.00
SB10150	8.0	10.0	150	110	55	15	50	5.48	£100.00
SB12060	10.0	12.0	60	10	70	17	50	4.68	£60.00
SB12075	10.0	12.0	75	25	70	17	50	5.50	£67.00
SB12100	10.0	12.0	100	50	70	17	50	7.06	£87.00
SB12130	10.0	12.0	130	80	70	17	25	9.50	£111.00
SB12150	10.0	12.0	150	100	70	17	25	10.15	£135.00
SB14075	12.0	14.0	75	15	85	19	25	8.00	£107.00
SB14100	12.0	14.0	100	40	85	19	50	10.18	£129.00
SB14130	12.0	14.0	130	70	85	19	25	12.75	£164.00
SB14150	12.0	14.0	150	90	85	19	20	14.17	£234.00
SB14200	12.0	14.0	200	140	85	19	20	18.90	£299.00
SB16075	14.0	16.0	75	5	100	24	25	12.62	£247.00
SB16100	14.0	16.0	100	30	100	24	25	15.51	£278.00
SB16130	14.0	16.0	130	60	100	24	20	19.00	£340.00
SB16150	14.0	16.0	150	80	100	24	10	21.30	£369.00
SB16200	14.0	16.0	200	130	100	24	10	27.19	£485.00
SB18100*	16.0	18.0	100	20	110	27	10	22.00	£382.00
SB18150*	16.0	18.0	150	70	110	27	10	29.70	£445.00
SB18200*	16.0	18.0	200	120	110	27	10	37.60	£546.00

* Mechanical Galvanised (min 40µm)

PRODUCT INFORMATION
SCREWBOLT – Countersunk Head

Zinc & Clear Passivated (Min 5µm)

SCREWBOLT IS A BORON STEEL SELF-TAPPING ANCHOR

Use in a variety of base materials. The self-tapping action provides a positive anchorage in concrete, brick, stone and blocks.



PART NUMBER	DRILL DIAMETER	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	HEAD DIAMETER	DRIVER TYPE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm	mm		kg	£
SB08050CSK	6.0	8.0	50	20	40	12.5	T30	100	1.19	£25.00
SB08075CSK	6.0	8.0	75	45	40	12.5	T30	100	1.73	£32.00
SB08100CSK	6.0	8.0	100	70	40	12.5	T30	100	2.58	£40.00
SB08130CSK	6.0	8.0	130	100	40	12.5	T30	100	2.94	£50.00
SB08150CSK	6.0	8.0	150	120	40	12.5	T30	100	3.32	£58.00
SB10060CSK	8.0	10.0	60	20	55	17.5	T45	100	2.89	£44.00
SB10075CSK	8.0	10.0	75	35	55	17.5	T45	100	3.48	£50.00
SB10100CSK	8.0	10.0	100	60	55	17.5	T45	1000	4.43	£65.00
SB12060CSK	10.0	12.0	60	10	70	22.0	T50	50	4.58	£65.00
SB12075CSK	10.0	12.0	75	25	70	22.0	T50	50	5.40	£72.00
SB12100CSK	10.0	12.0	100	50	70	22.0	T50	50	6.96	£90.00

TECHNICAL INFORMATION
SCREWBOLT – Countersunk Head

Zinc & Clear Passivated (Min 5µm)

PERFORMANCE DATA (C20/25 Non-Cracked Concrete) Shallow Embedment

THREAD DIAM (d _v)	OVERALL EMBEDMENT DEPTH (h _{nom})	MINIMUM CONCRETE THICKNESS (h _{min})	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		APPROVED RESISTANCE		DESIGN SPACING (S)		DESIGN EDGE DISTANCE (C)	
			kN	kN	kN	kN	mm	mm	mm	mm		
mm	mm	mm	Tensile (N _{Rk})	Shear (V _{Rk})	Tensile (N _{Rd})	Shear (V _{Rd})	Tensile (N _{Re})	Shear (V _{Re})	Tensile	Shear	Tensile	Shear
5	25	100	3.1	3.2	1.7	2.0	1.2	1.4	50	50	30	40
6	30	100	3.9	3.8	2.1	2.5	1.5	1/7	60	60	40	40
8	40	100	6.3	6.3	3.4	4.2	2.4	3.0	70	80	50	50
10	50	100	9.3	9.1	5.0	6.0	3.5	4.2	100	100	60	70
12	60	100	12.5	12.7	6.9	8.4	4.9	6.0	120	120	70	90
14	70	100	15.3	15.2	8.4	10.3	6.0	7.3	130	140	80	110
16	80	105	19.0	18.9	10.3	12.4	7.3	8.8	160	160	110	120

PRODUCT INFORMATION
TORX DRIVER BITS

TO SUIT COUNTERSUNK SCREWBOLTS ABOVE.

PART NUMBER	QUANTITY PER PACK	LIST PRICE (£) PER EACH
	mm	mm
TORX25	1	£2.10
TORX30	1	£2.40
TORX40	1	£2.50
TORX45	1	£2.80
TORX50	1	£3.30



PRODUCT INFORMATION

SCREWBOLT – Hexagon Head
Option 1 Approved Zinc & Clear Passivated (Min 5µm)

Sales, Technical & Online Support | 0121 503 0213

MECHANICAL & METAL ANCHORS

A Screwbolt with an Option 1 CE Approval, suitable for cracked and uncracked concrete.



PART NUMBER	DRILL DIAMETER	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	DRIVER TYPE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
SB10075CE	8.0	10.0	75	10	75	15	100	3.52	£64.00
SB10100CE	8.0	10.0	100	35	75	15	100	4.53	£89.00
SB10130CE	8.0	10.0	130	65	75	15	50	5.20	£121.00
SB10150CE	8.0	10.0	150	85	75	15	50	5.48	£127.00
SB12100CE	10.0	12.0	100	25	85	17	50	7.06	£119.00
SB12130CE	10.0	12.0	130	55	85	17	25	9.50	£151.00
SB12150CE	10.0	12.0	150	75	85	17	25	10.15	£168.00
SB14100CE	12.0	14.0	100	5	105	19	50	10.18	£188.00
SB14130CE	12.0	14.0	130	35	105	19	25	12.75	£228.00
SC14150CE	12.0	14.0	150	55	105	19	20	14.17	£300.00
SB14200CE	12.0	14.0	200	105	105	19	20	18.90	£398.00
SB16150CE	14.0	16.0	150	35	125	24	10	21.30	£456.00

TECHNICAL INFORMATION
SCREWBOLT – Hexagon Head
Option 1 Approved Zinc & Clear Passivated (Min 5µm)

PERFORMANCE DATA (C20/25 Cracked Concrete)

THREAD DIAM (d _o)	OVERALL EMBEDMENT DEPTH (h _{nom})	MINIMUM CONCRETE THICKNESS (h _{min})	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		APPROVED RESISTANCE		DESIGN SPACING (S)		DESIGN EDGE DISTANCE (C)	
			kN		kN		kN		mm		mm	
mm	mm	mm	Tensile (N _{Rk})	Shear (V _{Rk})	Tensile (N _{Rd})	Shear (V _{Rd})	Tensile (N _{Rs})	Shear (V _{Rs})	Tensile	Shear	Tensile	Shear
8	75	120	7.5	14.6	4.1	8.1	2.9	5.7	50	170	50	130
10	85	125	12.0	35.1	6.6	19.5	4.7	13.9	70	190	60	330
12	95	140	16.0	41.2	8.8	22.8	6.2	16.2	120	210	80	360
14	110	170	20.0	50.5	11.1	28.0	7.9	20.0	140	240	90	390
16	120	190	25.0	57.4	13.8	31.8	9.8	22.7	190	260	110	420

TECHNICAL INFORMATION
SCREWBOLT – Hexagon Head
Option 1 Approved Zinc & Clear Passivated (Min 5µm)

PERFORMANCE DATA (C20/25 Non-Cracked Concrete)

THREAD DIAM (d _o)	OVERALL EMBEDMENT DEPTH (h _{nom})	MINIMUM CONCRETE THICKNESS (h _{min})	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		APPROVED RESISTANCE		DESIGN SPACING (S)		DESIGN EDGE DISTANCE (C)	
			kN		kN		kN		mm		mm	
mm	mm	mm	Tensile (N _{Rk})	Shear (V _{Rk})	Tensile (N _{Rd})	Shear (V _{Rd})	Tensile (N _{Rs})	Shear (V _{Rs})	Tensile	Shear	Tensile	Shear
8	75	120	12.0	20.5	6.6	11.3	4.7	8.0	50	170	50	130
10	85	125	16.0	49.3	8.8	27.3	6.2	19.5	60	190	60	330
12	95	140	20.0	57.8	11.1	32.1	7.9	22.9	80	210	70	360
14	110	170	35.0	70.9	19.4	39.3	13.8	28.0	230	240	130	390
16	120	190	40.0	80.5	22.2	44.7	15.8	31.9	260	260	130	460

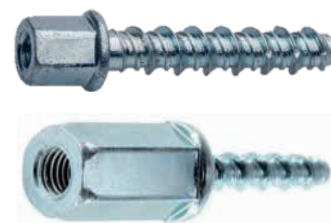
PRODUCT INFORMATION

SCREWBOLT – Internal Threaded Socket

Zinc & Clear Passivated (Min 5µm)

A self-tapping socket anchor which cuts its own thread in the base material. Suitable for use in solid concrete, hollow concrete, bricks, dense blocks and most natural stone.

Dependent upon your choice of product, the socket has either both M8 and M10 internal threads, or M8 / M10 thread only.



PART NUMBER	DRILL DIAMETER	THREAD DIAMETER	ANCHOR LENGTH	MINIMUM HOLE DEPTH	INTERNAL THREAD LENGTH	ACROSS FLATS	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
SB08SOCKET	6.0	8.0	75	50	M8 & M10	17	50	6.42	£163.00
SB08SOCKETM08	6.0	8.0	55	50	M8	13	100	2.20	£74.00
SB08SOCKETM10	6.0	8.0	55	50	M10	13	100	2.00	£75.00

PRODUCT INFORMATION

SCREWBOLT – Hook Bolt

Zinc & Clear Passivated (Min 5µm)

A self-tapping anchor which cuts its own thread in the base material. Suitable for use in solid concrete, hollow concrete, bricks, dense blocks and most natural stone.



PART NUMBER	DRILL DIAMETER	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	HOOK DIAMETER	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
SB08090HOOK	6.0	8.0	90	N/A	40	13	50	2.56	£147.00
SB10090HOOK	8.0	10.0	90	N/A	45	13	50	4.96	£165.00

PRODUCT INFORMATION

SCREWBOLT – Eye Bolt

Zinc & Clear Passivated (Min 5µm)

A self-tapping anchor which cuts its own thread in the base material. Suitable for use in solid concrete, hollow concrete, bricks, dense blocks and most natural stone.



PART NUMBER	DRILL DIAMETER	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	EYE DIAMETER	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
SB08090EYE	6.0	8.0	90	N/A	40	13	50	2.80	£229.00
SB10090EYE	8.0	10.0	90	N/A	45	15	50	5.50	£272.00

PRODUCT INFORMATION

SCREWBOLT – Hexagon Flange Head

Mechanical Galvanised (Min 40µm)

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The Screwbolt is a boron steel self-tapping anchor for use in a variety of base materials. The self-tapping action provides a positive anchorage in concrete, brick, stone and blocks.



PART NUMBER	DRILL DIAMETER	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	DRIVER TYPE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm A/F		kg	£
SB08050G	6.0	8.0	50	20	40	10	100	1.49	£43.00
SB08075G	6.0	8.0	75	45	40	10	100	2.02	£55.00
SB08100G	6.0	8.0	100	70	40	10	100	2.57	£68.00

PRODUCT INFORMATION

SCREWBOLT – Hexagon Head

Mechanical Galvanised (Min 40µm)

The Screwbolt is a boron steel self-tapping anchor for use in a variety of base materials. The self-tapping action provides a positive anchorage in concrete, brick, stone and blocks.



PART NUMBER	DRILL DIAMETER	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	DRIVER TYPE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm A/F		kg	£
SB10060G	8.0	10.0	60	20	55	15	100	2.99	£55.00
SB10100G	8.0	10.0	100	60	55	15	100	4.56	£92.00
SB10150G	8.0	10.0	150	110	55	15	50	5.48	£141.00
SB12060G	10.0	12.0	60	20	70	17	50	4.68	£85.00
SB12100G	10.0	12.0	100	60	70	17	50	7.06	£124.00
SB12150G	10.0	12.0	150	110	70	17	25	10.15	£191.00
SB14100G	12.0	14.0	100	40	85	19	50	10.18	£183.00
SB14150G	12.0	14.0	150	90	85	19	20	14.17	£329.00
SB14200G	12.0	14.0	200	140	85	19	20	18.90	£421.00

TECHNICAL INFORMATION

SCREWBOLT – Hexagon Head

Mechanical Galvanised (Min 40µm)

PERFORMANCE DATA (C20/25 Non-Cracked Concrete)

THREAD DIAM (d _s)	OVERALL EMBEDMENT DEPTH (h _{nom})	MINIMUM CONCRETE THICKNESS (h _{min})	CHARACTERISTIC RESISTANCE		DESIGN RESISTANCE		APPROVED RESISTANCE		DESIGN SPACING (S)		DESIGN EDGE DISTANCE (C)	
			kN	kN	kN	kN	mm	mm	mm	mm		
			Tensile (N _{Rk})	Shear (V _{Rk})	Tensile (N _{Rd})	Shear (V _{Rd})	Tensile (N _{Rs})	Shear (V _{Rs})	Tensile	Shear	Tensile	Shear
8	40	100	6.3	6.3	3.4	4.2	2.4	3.0	70	80	50	50
10	50	100	9.3	9.1	5.0	6.0	3.5	4.2	100	100	60	70
12	60	100	12.5	12.7	6.9	8.4	4.9	6.0	120	120	70	90
14	70	100	15.3	15.2	8.4	10.3	6.0	7.3	130	140	80	110

PRODUCT INFORMATION

SCREWBOLT – Hexagon Flange Head

Bi-Metal Stainless Steel A4-316

A Bi-Metallic A4/316 Stainless Steel Screwbolt with Carbon Steel tip with leading threads to cut into the concrete.



PART NUMBER	DRILL DIAMETER	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	DRIVER TYPE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
SB08050SS	6.0	8.0	50	20	40	10	100	1.54	£195.00
SB08075SS	6.0	8.0	75	45	40	10	100	2.08	£242.00
SB08100SS	6.0	8.0	100	70	40	10	100	2.63	£302.00
SB10060SS	8.0	10.0	60	20	55	13	100	3.27	£341.00
SB10075SS	8.0	10.0	75	35	55	13	100	3.87	£402.00
SB10100SS	8.0	10.0	100	60	55	13	100	4.88	£503.00
SB12075SS	10.0	12.0	75	25	70	17	50	6.44	£553.00
SB12100SS	10.0	12.0	100	50	70	17	50	7.96	£698.00
SB12150SS	10.0	12.0	150	100	70	17	25	11.04	£1039.00
SB14100SS	12.0	14.0	100	40	85	19	50	11.53	£903.00

PRODUCT INFORMATION

SCREWBOLT – Countersunk

Bi-Metal Stainless Steel A4-316

A Bi-Metallic A4/316 Stainless Steel Screwbolt With a Carbon Steel Tip With Leading Threads To Cut Into Concrete



PART NUMBER	DRILL DIAMETER	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	DRIVER TYPE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
SB08050CSSS	6.0	8.0	50	20	40	T40	100	1.49	£188.00
SB08075CSSS	6.0	8.0	75	45	40	T40	100	2.04	£242.00
SB08100CSSS	6.0	8.0	100	70	40	T40	100	2.60	£303.00

PRODUCT INFORMATION
SCREWBOLT – Pan Head
 Zinc & Clear Passivated (Min 5µm) Torx Drive

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PART NUMBER	DRILL DIAMETER	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	DRIVER TYPE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm			kg	£
SB06050PH	5.0	6.0	50	25	35	T25	100	1.08	£32.00
SB06075PH	5.0	6.0	75	50	35	T25	100	1.45	£40.00
SB06100PH	5.0	6.0	100	75	35	T25	100	1.81	£49.00
SB08030PH	6.0	8.0	30	5	35	T30	100	1.25	£34.00
SB08050PH	6.0	8.0	50	20	40	T30	100	1.70	£48.00
SB08075PH	6.0	8.0	75	45	40	T30	100	2.26	£59.00
SB08100PH	6.0	8.0	100	70	40	T30	100	12.82	£76.00

PRODUCT INFORMATION
SCREWBOLT – Drop In
 Zinc & Clear Passivated (Min 5µm)

SELF-TAPPING ANCHOR

Providing an Internal Thread that is flush – A setting tool must be used to achieve correct installation



PART NUMBER	ANCHOR HOLE SIZE	ANCHOR LENGTH	MINIMUM HOLE DEPTH	INTERNAL THREAD	DRIVER TYPE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm			kg	£
SBDIM10	13	32	50	M10	6mm Hex	100	2.20	£101.00

PRODUCT INFORMATION
SCREWBOLT – Drop In Setting Tool

Used to Install SBDIM10

PART NUMBER	DRIVE SIZE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm		kg	£
SBTOOL	½"	1	6.50	£17.00



PRODUCT INFORMATION

TAP-CON – Slotted Hexagon Head

Blue Ruspert Coating (500 hours SST)

Medium weight fixing for use in brickwork, blockwork, hard stone, concrete, hollow core concrete and wood. Ideal for installing door and windows frames made from UPVC, aluminium or wood; electrical fittings, wooden battens, radiator brackets and many more.



PART NUMBER	DRILL DIAMETER	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	ANCHOR EMBEDMENT DEPTH	MINIMUM HOLE DEPTH IN BASE MATERIAL	DRIVER TYPE	QUANTITY PER BOX	LIST PRICE PER 100
	mm	mm	mm	mm	mm	kg	mm A/F		£
6.3TC032HEX	5.0	6.3	32	2	30	38	8	200	£20.40
6.3TC045HEX	5.0	6.3	45	15	30	38	8	100	£30.40
6.3TC057HEX	5.0	6.3	57	27	30	38	8	100	£32.70
6.3TC070HEX	5.0	6.3	70	40	30	38	8	100	£45.00
6.3TC082HEX	5.0	6.3	82	52	30	38	8	100	£53.50
6.3TC100HEX	5.0	6.3	100	70	30	38	8	100	£58.40
6.3TC125HEX	5.0	6.3	125	95	30	38	8	100	£95.30

PRODUCT INFORMATION

TAP-CON – Countersunk Head

Blue Ruspert Coating (500 hours SST)

Medium weight fixing for use in brickwork, blockwork, hard stone, concrete, hollow core concrete and wood. Ideal for installing door and windows frames made from UPVC, aluminium or wood; electrical fittings, wooden battens, radiator brackets and many more.



PART NUMBER	DRILL DIAMETER	THREAD DIAMETER	ANCHOR LENGTH	MAXIMUM FIXTURE THICKNESS	ANCHOR EMBEDMENT DEPTH	MINIMUM HOLE DEPTH IN BASE MATERIAL	DRIVER TYPE	QUANTITY PER BOX	LIST PRICE PER 100
	mm	mm	mm	mm	mm	kg	mm A/F		£
4.8TC032CSK	4.0	4.8	32	2	30	38	PH2	200	£15.30
4.8TC045CSK	4.0	4.8	45	15	30	38	PH2	200	£20.40
4.8TC057CSK	4.0	4.8	57	27	30	38	PH2	200	£25.40
4.8TC070CSK	4.0	4.8	70	50	30	38	PH2	100	£29.20
4.8TC082CSK	4.0	4.8	82	52	30	38	PH2	100	£31.30
4.8TC100CSK	4.0	4.8	100	70	30	38	PH2	100	£44.10
6.3TC045CSK	5.0	6.3	45	15	30	38	PH3	100	£27.90
6.3TC057CSK	5.0	6.3	57	27	30	38	PH3	100	£34.80
6.3TC070CSK	5.0	6.3	70	40	30	38	PH3	100	£37.20
6.3TC082CSK	5.0	6.3	82	52	30	38	PH3	100	£47.30
6.3TC100CSK	5.0	6.3	100	70	30	38	PH3	100	£59.80
6.3TC125CSK	5.0	6.3	125	95	30	38	PH3	100	£84.00

PERFORMANCE DATA

BASE MATERIAL*	SCREW DIAMETER mm	TENSILE LOAD AT BELOW EMBEDMENT DEPTHS (KN)	
		30mm	40mm
Concrete 30N/mm	3/16	0.73	1.1
	1/4	0.88	1.37
Solid Brick	3/16	0.56	0.83
	1/4	0.67	1.05
Dense Aggregate Block	3/16	0.69	0.91
	1/4	0.76	0.92

**PRODUCT INFORMATION
SCAFFOLD RETAINING EYE**
Zinc Plated (24mm Eye Diameter)



PART NUMBER	OVERALL LENGTH	THREAD DIAMETER	THREAD LENGTH	EYE INTERNAL DIAMETER	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm		kg	£
SE12120	120	12	60	24	20	17.20	£157.00
SE12160	160	12	60	24	10	20.40	£204.00

**PRODUCT INFORMATION
SCAFFOLD EYE PLUGS**

PART NUMBER	OVERALL LENGTH	DRILL DIAMETER	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm			kg	£
SEP14100	100	14	20	0.90	£46.00



PRODUCT INFORMATION
INJECTION RESIN – PPR410 – PARABOLT®
POLYESTER RESIN 410ml

The Polyester Injection Resin is a general purpose resin suitable for concrete, solid brickwork and natural stone as well as hollow base materials using our suitable sleeves. It can be used for installing Studs, Rebar and Internal Threaded Sockets in dry conditions. Each tube comes complete with 1 mixer nozzle. Additional nozzles can be bought from us separately.

LIST PRICE: £18.75 EACH (COMPLETE WITH 1 MIXER NOZZLE)



RECOMMENDED RESISTANCE FOR BRICK AND BLOCKWORK				
THREAD DIAMETER	Brick		Block	
	20 N/mm ² Solid Brick		7 N/mm ² Solid Brick	
	REC RESISTANCE	REC TORQUE	REC RESISTANCE	REC TORQUE
mm	kn	kn	kn	kn
8	1.5	4	0.9	3
10	3.0	7	1.4	6
12	4.2	11	2.5	10
16	5.1	25	4.0	23



- Technical data available on request.
- Loads are for any direction.
- Maintain Spacing as per Concrete Loads but only 1 fixing per brick is recommended.
- Do not fix closer than 1 brick away from a free edge.
- Due to the variable nature of Brick & Blockwork these figures are for guidance only.

Option 7 Approved* Uncracked Concrete

*CE Approval applies when used with the PARABOLT® Branded Resin Studs Only.

SETTING TIMES		
BASE MATERIAL TEMPERATURE (+°C)	GEL TIME (MINUTES)	LOAD TIME (MINUTES)
5	18	120
5 to 10	12	120
10 to 20	6	80
20 to 25	4	40
25 to 30	3	30
30 to 35	2	20

RESIN FIXINGS PER CARTRIDGE			
THREAD DIAMETER (mm)	HOLE DIAMETER (mm)	HOLE DEPTH (mm)	410ml
M8	10	80	110
M10	12	90	60
M12	14	110	40
M16	18	125	20
M20	22	170	9
M24	26	210	5

PRODUCT INFORMATION
INJECTION RESIN – PVR410 – PARABOLT®
VINYLESTER RESIN 410ml

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INJECTION RESIN SYSTEM

Pure Vinylester Resin Styrene Free is a high strength resin suitable for use in concrete, brickwork and most natural stone. Approved for use in contact with potable (drinking) water.

LIST PRICE: £22.40 EACH (COMPLETE WITH 1 MIXER NOZZLE)



RECOMMENDED RESISTANCE FOR BRICK AND BLOCKWORK				
THREAD DIAMETER	Brick		Block	
	20 N/mm ² Solid Brick		7 N/mm ² Solid Brick	
	REC RESISTANCE	REC TORQUE	REC RESISTANCE	REC TORQUE
mm	kn	kn	kn	kn
8	1.5	4	0.9	3
10	3.0	7	1.4	6
12	4.2	11	2.5	10
16	5.1	25	4.0	23

- Technical data available on request.
- Loads are for any direction.
- Maintain Spacing as per Concrete Loads but only 1 fixing per brick is recommended.
- Do not fix closer than 1 brick away from a free edge.
- Due to the variable nature of Brick & Blockwork these figures are for guidance only.

Option 1 Approved* Uncracked Concrete

*CE Approval applies when used with the PARABOLT® Branded Resin Studs Only.



No. 1604527

SETTING TIMES		
BASE MATERIAL TEMPERATURE (+°C)	GEL TIME (MINUTES)	LOAD TIME (MINUTES)
5 to 10	18	145
10 to 20	10	85
20 to 25	6	75
25 to 30	5	40
30+	4	40

RESIN FIXINGS PER CARTRIDGE			
THREAD DIAMETER (mm)	HOLE DIAMETER (mm)	HOLE DEPTH (mm)	410ml
M8	10	80	110
M10	12	90	60
M12	14	110	40
M16	18	125	20
M20	22	170	9
M24	26	210	5

PRODUCT INFORMATION

RESIN STUD – Grade 8.8 – ETA/CE Approved*

Zinc & Yellow Passivated (Min 5µm)

High Tensile Grade 8.8 zinc and yellow passivated to 5 microns studs for use with PPR410 and PVR410 Injection Resin Systems, supplied complete with nut and washer. The studs have external hexagon drive units with one drive unit in each box. Each stud has a depth mark to indicate correct setting depth. For load data see the appropriate resin product.



PART NUMBER	THREAD DIAMETER	ANCHOR LENGTH	HOLE DIAMETER**	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm		kg	£
08H110Z	M08	110	10	18	80	10	4.30	£120.00
10H130Z	M10	130	12	25	90	10	7.75	£145.00
12H160Z	M12	160	14	34	110	10	13.30	£189.00
16H190Z	M16	190	18	45	125	10	28.50	£336.00
20H260Z	M20	260	22	55	170	10	62.00	£727.00
24H300Z	M24	300	26	55	210	5	102.00	£1229.00
30H380Z	M30	380	35	55	280	1	164.00	£3460.00

** HOLE DIAMETER IS RELEVANT WHEN USED WITH OUR PPR410 AND PVR410 INJECTION RESIN ONLY.

*CE APPROVAL ONLY APPLIES IF STUD IS USED WITH OUR PPR410 AND PVR410 INJECTION RESIN.

PRODUCT INFORMATION

RESIN STUD – Grade 5.8 – ETA/CE Approved*

Hot Dipped Galvanised (Min 42µm)

Grade 5.8 Hot Dipped Galvanised to 42 microns studs for use with PPR410 and PVR410 Injection Resin Systems, supplied complete with nut and washer. The studs have external hexagon drive units with one drive unit in each box. Each stud has a depth mark to indicate correct setting depth. For load data see the appropriate resin product.



PART NUMBER	THREAD DIAMETER	ANCHOR LENGTH	HOLE DIAMETER**	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm		kg	£
08H110G	M08	110	10	18	80	10	4.40	£225.00
10H130G	M10	130	12	25	90	10	7.90	£286.00
12H160G	M12	160	14	34	110	10	13.50	£340.00
16H190G	M16	190	18	45	125	10	29.00	£515.00
20H260G	M20	260	22	55	170	5	63.40	£1045.00
24H300G	M24	300	26	55	210	5	104.20	£1616.00

** HOLE DIAMETER IS RELEVANT WHEN USED WITH OUR PPR410 AND PVR410 INJECTION RESIN ONLY.

*CE APPROVAL ONLY APPLIES IF STUD IS USED WITH OUR PPR410 AND PVR410 INJECTION RESIN.

PRODUCT INFORMATION

RESIN STUD – ETA/CE Approved*

Stainless Steel A4-316

Sales, Technical & Online Support | 0121 503 0213

INJECTION RESIN SYSTEM

Grade A4- 316 stainless steel studs for use with Parabolt Injection Resin Systems, supplied complete with nut and washer. The studs have external hexagon drive units with one drive unit in each box. Each stud has a depth mark to indicate correct setting depth. For load data see the appropriate resin product.



PART NUMBER	THREAD DIAMETER	ANCHOR LENGTH	HOLE DIAMETER**	MAXIMUM FIXTURE THICKNESS	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm		kg	£
08H110J	M08	110	10	18	80	10	4.40	£332.00
10H130J	M10	130	12	25	90	10	7.90	£509.00
12H160J	M12	160	14	34	110	10	13.50	£789.00
16H190J	M16	190	18	45	125	10	29.00	£1494.00
20H260J	M20	260	22	55	170	5	63.40	£2697.00
24H300J	M24	300	26	55	210	5	104.20	£4383.00

** HOLE DIAMETER IS RELEVANT WHEN USED WITH OUR PARABOLT INJECTION RESIN ONLY.

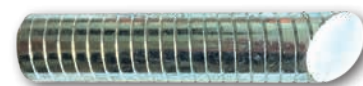
*CE APPROVAL ONLY APPLIES IF STUD IS USED WITH PARABOLT INJECTION RESIN.

PRODUCT INFORMATION

INTERNAL THREADED SOCKET

Zinc Plated (Min 5µm)

A permanent threaded socket for use with injection resin and spin in capsules.



PART NUMBER	INTERNAL THREAD DIAMETER	INTERNAL THREAD LENGTH	OUTSIDE DIAMETER	HOLE DIAMETER	ANCHOR LENGTH	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
08ITS090Z	M08	30	12	14	90	90	10	4.0	£256.00
10ITS090Z	M10	35	16	18	90	90	10	7.0	£315.00
12ITS090Z	M12	40	20	25	90	90	10	16.0	£439.00
16ITS125Z	M16	40	24	28	125	125	10	29.0	£905.00

TECHNICAL INFORMATION

INTERNAL THREADED SOCKET

Zinc Plated (Min 5µm)

TECHNICAL INFORMATION - INTERNAL THREADED SOCKET					C20/25 CONCRETE				
THREAD DIAMETER	HOLE DIAMETER	EMBEDMENT DEPTH	FIXTURE CLEARANCE	CENTRE SPACING	EDGE SPACING	STRUCTURE THICKNESS	REC. TENSILE STRENGTH	REC. SHEAR RESISTANCE	REC. TIGHTENING TORQUE
mm	mm	mm	mm	mm	mm	mm	(KN)	(KN)	(Nm)
M08	14	90	10	130	80	110	6.0	5.7	7
M10	18	90	12	145	90	115	7.8	8.5	11
M12	25	90	14	170	100	120	9.6	11.3	25
M16	28	125	18	200	125	160	16.9	14.2	50

SHEAR LOADS TOWARDS A FREE EDGE ARE FOR SINGLE ANCHORS WHERE SPACING ≥ 3 X EDGE DISTANCE

PRODUCT INFORMATION

INTERNAL THREADED SOCKET

Stainless Steel A4-316

A permanent threaded socket for use with injection resin.



PART NUMBER	INTERNAL THREAD DIAMETER	INTERNAL THREAD LENGTH	OUTSIDE DIAMETER	HOLE DIAMETER	ANCHOR LENGTH	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
08ITS090J	M08	30	12	14	90	90	10	4.0	£770.00
10ITS090J	M10	35	16	18	90	90	10	7.0	£1036.00
12ITS090J	M12	40	20	25	90	90	10	16.0	£1510.00
16ITS125J	M16	40	24	28	125	125	10	29.0	£2923.00

TECHNICAL INFORMATION INTERNAL THREADED SOCKET

Stainless Steel A4-316

Sales, Technical & Online Support | 0121 503 0213

INJECTION RESIN SYSTEM

TECHNICAL INFORMATION - INTERNAL THREADED SOCKET					C20/25 CONCRETE				
THREAD DIAMETER	HOLE DIAMETER	EMBEDMENT DEPTH	FIXTURE CLEARANCE	CENTRE SPACING	EDGE SPACING	STRUCTURE THICKNESS	REC. TENSILE STRENGTH	REC. SHEAR RESISTANCE	REC. TIGHTENING TORQUE
mm	mm	mm	mm	mm	mm	mm	(KN)	(KN)	(Nm)
M08	14	90	10	130	80	110	6.0	5.7	7
M10	18	90	12	145	90	115	7.8	8.5	11
M12	25	90	14	170	100	120	9.6	11.3	25
M16	28	125	18	200	125	160	16.9	14.2	50

SHEAR LOADS TOWARDS A FREE EDGE ARE FOR SINGLE ANCHORS WHERE SPACING ≥ 3 X EDGE DISTANCE

PRODUCT INFORMATION 410ML RESIN GUN

For use with 'Parabolt®' injection resin.

PART NUMBER	QUANTITY PER BOX	LIST PRICE PER EACH
		£
G001	1	£62.20



PRODUCT INFORMATION WIRE MESH SLEEVE

For use with 'PARABOLT®' injection resin. For use in hollow bricks and blocks.



PART NUMBER	HOLE DIAMETER	INSIDE DIAMETER	FOR STUD DIAMETER	LENGTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm		kg	£
WMSM08	12	8.7	M08	1000	1	6.0	£18.60
WMSM10-M12	16	12.5	M10-M12	1000	1	8.0	£21.50
WMSM16	22	18.0	M16	1000	1	10.0	£22.95
WMSM20	26	22.0	M20	1000	1	12.0	£24.65

PRODUCT INFORMATION NYLON SLEEVE WITH STUD ALIGNMENT COLLAR

For use with 'PARABOLT®' injection resin. For use in hollow bricks and blocks.



PART NUMBER	HOLE DIAMETER	SLEEVE SIZE	FOR STUD DIAMETER	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm		kg	£
NMSM08-M12	16	15 X 85	M08-M12	20	0.18	£66.80
NMSM08-M12L	16	15 X 130	M08-M12	20	0.18	£74.50
NMSM16	22	20 X 85	M16	20	0.18	£79.50

PRODUCT INFORMATION HOLE CLEANING BRUSHES

For use with 'PARABOLT®' injection resin. For cleaning out drilled holes ready for stud installation.

PART NUMBER	HOLE DIAMETER	QUANTITY PER BOX	LIST PRICE PER 100
	mm		£
CB08	8	1	£4.70
CB10	10	1	£5.00
CB12	12	1	£5.20
CB16	16	1	£5.70
CB20	20	1	£7.20
CB25	25	1	£9.70
CB30	30	1	£12.00



PRODUCT INFORMATION HOLE CLEANING BLOW OUT PUMP

For use with 'PARABOLT®' injection resin. For blowing out drilled holes ready for stud installation.

PART NUMBER	HOLE DIAMETER	QUANTITY PER BOX	LIST PRICE PER 100
	mm		£
BOP1	10+	1	£27.10



PRODUCT INFORMATION MIXER NOZZLES & ACCESSORIES

For use with 'PARABOLT®' injection resin.

PART NUMBER	DESCRIPTION	QUANTITY PER BOX	LIST PRICE PER 100
	mm		£
NOZZLE	Standard Mixer Nozzle	1	£2.50
NOZZLEEXT	Extension Tube For Use With Standard Mixer Nozzle	1	£2.50



PRODUCT INFORMATION
RUBBER ANKERNUT

Sales, Technical & Online Support | 0121 503 0213

A Synthetic rubber sleeve with a brass threaded insert suitable for use in hollow materials and occasional use in solid materials.



PART NUMBER	THREAD DIAMETER	HOLE DIAMETER	WALL THICKNESS	OVERALL LENGTH	FLANGE THICKNESS	FLANGE DIAMETER	REC. TIGHTENING TORQUE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm	(Nm)		kg	£
RN0324	M3	8	2.0-15.0	24	1.0	11.0	1.0	50	0.17	£72.00
RN0413	M4	8	0.4-2.0	13	1.0	11.0	1.0	50	0.19	£60.00
RN0425	M4	8	2.0-15.0	25	1.0	11.0	1.0	50	0.30	£72.00
RN0514	M5	10	0.4-4.0	14	1.0	13.0	1.8	50	0.24	£63.00
RN0525	M5	10	8.0-16.0	25	1.3	14.0	1.8	50	0.36	£65.00
RN0540	M5	10	20.0-30.0	40	1.3	14.0	1.8	50	0.40	£72.00
RN0615	M6	13	0.4-3.0	15	1.3	16.0	4.0	50	0.42	£80.00
RN0625	M6	13	6.0-12.0	25	1.3	16.0	4.0	50	0.58	£89.00
RN0635	M6	13	12.0-25.0	35	1.3	16.0	4.0	50	0.78	£90.00
RN0650	M6	13	25.0-40.0	50	1.3	16.0	4.0	50	0.52	£105.00
RN0825	M8	18	4.0-10.0	25	1.3	22.0	8.0	50	1.12	£140.00
RN0850	M8	18	25.0-35.0	50	1.6	20.0	8.0	50	1.88	£169.00
RN1055	M10	20	25.0-35.0	55	1.3	22.5	10.0	25	2.28	£196.00
RN1275	M12	24	35.0-45.0	75	1.3	27.0	15.0	20	4.00	£321.00
RN12125	M12	24	35.0-45.0	125	1.3	27.0	15.0	20	7.50	£491.00

PRODUCT INFORMATION
PLASTERBOARD FIXINGS – COMPLETE WITH SCREWS

One piece self-drilling anchor designed for fastening light & medium loads to plasterboard.



PART NUMBER	SCREW THREAD DIAMETER	SCREW LENGTH	MAX. FIXTURE THICKNESS	HOLE DEPTH	REC. TENSILE RESISTANCE	REC. SHEAR RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
PBF1	4.5	35	15	32	0.06	0.18	100	0.50	£39.00
PBF2	4.5	50	30	32	0.06	0.18	100	0.65	£41.00

PRODUCT INFORMATION
SPRING TOGGLE FIXINGS – Complete with Screws

Zinc & Yellow Passivated

The spring toggle can be used in virtually any cavity or blind fixing situation from hardboard to hollow steel sections.



PART NUMBER	THREAD DIAMETER	SCREW LENGTH	WALL & FIXTURE THICKNESS	CAVITY DEPTH	HOLE DIAMETER	REC. TENSILE RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
STM3050R	M3	50	30	20	11	0.10	100	0.52	£85.00
STM5050R	M5	50	20	30	14	0.18	100	1.27	£95.00
STM5075R	M5	75	45	30	14	0.18	100	1.62	£122.50
STM5100R	M5	100	70	30	14	0.18	100	1.88	£130.00
STM6075R	M6	75	45	30	18	0.30	100	2.58	£122.50

PRODUCT INFORMATION
SPRING TOGGLE FIXINGS – Wings Only

Zinc & Yellow Passivated

The spring toggle can be used in virtually any cavity or blind fixing situation from hardboard to hollow steel sections.



PART NUMBER	THREAD DIAMETER	SCREW LENGTH	WALL & FIXTURE THICKNESS	CAVITY DEPTH	HOLE DIAMETER	REC. TENSILE RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
STM03H	M3	-	-	20	11	0.10	100	0.34	£67.00
STM05H	M5	-	-	30	14	0.18	100	0.63	£85.00
STM06H	M6	-	-	30	18	0.30	100	0.97	£122.50
STM08H	M8	-	-	40	22	0.60	50	1.66	£122.50
STM10H	M10	-	-	40	25	0.80	50	2.64	£122.50

PRODUCT INFORMATION
CAVITY FIXING

Zinc & Yellow Passivated

The Cavity Fixing provides a strong, permanent anchorage to plasterboard and other partition materials including chipboard, plywood, fibreboard and hardboard.



PART NUMBER	SCREW SIZE	WALL THICKNESS	MAX. FIXTURE THICKNESS	HOLE DIAMETER	REC. TENSILE RESISTANCE	REC. SHEAR RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	mm		kg	£
04CF025	M4 X 25	0-4	10	7	0.10	0.14	100	0.46	£41.00
04CF045	M4 X 45	8-13	15	7	0.10	0.14	100	0.5	£45.00
04CF050	M4 X 50	16-20	15	7	0.18	0.23	100	0.86	£47.00
04CF065	M4 X 65	22-27	30	7	0.18	0.23	100	0.96	£66.00
05CF045	M5 X 45	5-10	15	9	0.18	0.23	100	1.35	£64.00
05CF060	M5 X 60	5-13	23	9	0.18	0.23	50	1.68	£71.00
05CF070	M5 X 70	17-25	23	9	0.18	0.23	50	1.80	£83.00
06CF060	M6 X 60	7-13	23	10	0.29	0.34	50	2.22	£91.00
06CF070	M6 X 70	16-24	24	10	0.29	0.34	50	2.68	£99.00

PRODUCT INFORMATION
CAVITY FIXING – Setting Tool

Sales, Technical & Online Support | 0121 503 0213

The Cavity Fixing Setting Tool is for use with our range above.

PART NUMBER	QUANTITY PER BOX	SHIP WEIGHT PER EACH	LIST PRICE PER EACH
		(kg)	£
CFTOOL	1	0.45	£26.00



PRODUCT INFORMATION
CONCRETE SCREW – Countersunk Head
Zinc & Yellow Passivated

A countersunk self-tapping screw, Zinc Plated and Yellow Passivated, suitable for use in concrete, concrete blocks and masonry. A TORX30 driver bit supplied in each box.



PART NUMBER	DRILL DIAMETER	SCREW LENGTH	MAX. FIXTURE THICKNESS	MINIMUM HOLE DEPTH	REC. TENSILE RESISTANCE	REC. SHEAR RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	Nm	Nm		kg	£
75CS040CSK	6	40	-	45	2.0	2.5	100	1.00	£23.00
75CS060CSK	6	60	20	45	2.0	2.5	100	1.45	£27.00
75CS080CSK	6	80	40	45	2.0	2.5	100	1.72	£35.00
75CS100CSK	6	100	60	45	2.0	2.5	100	2.56	£39.00
75CS120CSK	6	120	80	45	2.0	2.5	100	2.93	£53.00
75CS150CSK	6	150	110	45	2.0	2.5	100	3.16	£120.00
75CS180CSK	6	180	140	45	2.0	2.5	100	3.78	£175.00

PRODUCT INFORMATION
CONCRETE SCREW – Cylindrical Head
Zinc & Yellow Passivated

A self-tapping screw, Zinc Plated and Yellow Passivated, suitable for use in concrete, concrete blocks and masonry. A TORX30 driver bit supplied in each box.



PART NUMBER	DRILL DIAMETER	SCREW LENGTH	MAX. FIXTURE THICKNESS	MINIMUM HOLE DEPTH	REC. TENSILE RESISTANCE	REC. SHEAR RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	Nm	Nm		kg	£
75CS060CYL	6	60	20	45	2.0	2.5	100	1.45	£29.00
75CS080CYL	6	80	40	45	2.0	2.5	100	1.72	£38.00
75CS100CYL	6	100	60	45	2.0	2.5	100	2.56	£46.00
75CS120CYL	6	120	80	45	2.0	2.5	100	2.93	£58.00
75CS150CYL	6	150	110	45	2.0	2.5	100	3.16	£87.00
75CS180CYL	6	180	140	45	2.0	2.5	100	3.78	£120.00
75CS210CYL	6	210	170	45	2.0	2.5	100	4.31	£174.00

PRODUCT INFORMATION
NYLON NAIL PLUG

A mushroom head, nylon expansion plug which gives a flush finish with no metallic parts.



PART NUMBER	ANCHOR HOLE SIZE	ANCHOR LENGTH	MAX. FIXTURE THICKNESS	MINIMUM HOLE DEPTH	HEAD DIAMETER	RESISTANCE IN ANY DIRECTION	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	KN		kg	£
06NNP040	6	40	7	50	13	0.1	200	0.35	£17.00

PRODUCT INFORMATION
NYLON HAMMER SCREW – Countersunk

Zinc & Yellow Passivated

A nylon plug with a large diameter head, zinc plated hammer in screw suitable for fixing into concrete or masonry.



PART NUMBER	ANCHOR HOLE SIZE	ANCHOR PLUG LENGTH	MAX. FIXTURE THICKNESS	MIN. HOLE DEPTH	REC. TENSILE RESISTANCE	REC. SHEAR RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	Nm	Nm		kg	£
05NHS030	5	30	5	30	0.15	0.20	100	0.35	£14.00
05NHS050	5	50	25	30	0.20	0.20	100	0.40	£16.00
06NHS040	6	40	10	35	0.25	0.28	100	0.48	£17.00
06NHS050	6	50	20	35	0.25	0.28	100	0.55	£19.00
06NHS060	6	60	30	35	0.25	0.28	100	0.63	£21.00
06NHS070	6	70	40	35	0.25	0.28	100	0.83	£23.00
08NHS060	8	60	20	45	0.40	0.40	100	1.01	£31.00
08NHS080	8	80	40	45	0.40	0.40	100	1.26	£33.00
08NHS100	8	100	60	45	0.40	0.40	50	1.56	£43.00
08NHS120	8	120	80	45	0.40	0.40	50	1.89	£51.00
08NHS140	8	140	100	45	0.40	0.40	50	2.22	£69.00

PRODUCT INFORMATION
NYLON HAMMER SCREW – Flange Head

Zinc Plated & Yellow Passivated Screw

A nylon plug with a large diameter head, zinc plated hammer in screw suitable for fixing into concrete or masonry.



PART NUMBER	ANCHOR HOLE SIZE	ANCHOR PLUG LENGTH	MAX. FIXTURE THICKNESS	MIN. HOLE DEPTH	REC. TENSILE RESISTANCE	REC. SHEAR RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	Nm	Nm		kg	£
06NHS040FH	6	40	10	35	0.13	0.28	100	0.47	£16.00

PRODUCT INFORMATION

NYLON HAMMER SCREW – Countersunk

Stainless Steel A2-304

Sales, Technical & Online Support | 0121 503 0213

A nylon plug with a stainless steel hammer in screw suitable for fixing into concrete or masonry.



PART NUMBER	ANCHOR HOLE SIZE	ANCHOR PLUG LENGTH	MAX. FIXTURE THICKNESS	MIN. HOLE DEPTH	REC. TENSILE RESISTANCE	REC. SHEAR RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	Nm	Nm		kg	£
05NHS030SS	5	30	5	30	0.16	0.20	200	0.35	£34.00
06NHS040SS	6	40	10	35	0.18	0.28	200	0.47	£44.00
06NHS060SS	6	60	30	35	0.18	0.28	100	0.63	£53.00
06NHS070SS	6	70	40	35	0.18	0.28	100	0.74	£62.00
08NHS080SS	8	80	40	45	0.22	0.40	100	1.26	£96.00
08NHS100SS	8	100	60	45	0.22	0.40	50	1.56	£118.00

PRODUCT INFORMATION

NYLON FRAME FIXING – Countersunk

Zinc Plated & Yellow Passivated Screw

A nylon plug with a zinc plated screw suitable for fixing into concrete or masonry.



PART NUMBER	ANCHOR HOLE SIZE	ANCHOR PLUG LENGTH	MAX. FIXTURE THICKNESS	MIN. HOLE DEPTH	REC. TENSILE RESISTANCE	REC. SHEAR RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	Nm	Nm		kg	£
08NFF060	8	60	20	45	1.0	1.5	100	1.24	£36.00
08NFF080	8	80	40	45	1.0	1.5	100	1.56	£41.00
08NFF100	8	100	60	45	1.0	1.5	100	1.70	£45.00
08NFF120	8	120	80	45	1.0	1.5	100	1.89	£60.00
10NFF080	10	80	35	50	1.3	2.0	100	2.40	£61.00
10NFF100	10	100	55	50	1.3	2.0	100	3.44	£64.00
10NFF120	10	120	75	50	1.3	2.0	100	3.80	£76.00
10NFF140	10	140	95	50	1.3	2.0	100	4.36	£88.00
10NFF160	10	160	115	50	1.3	2.0	100	5.16	£116.00

PRODUCT INFORMATION

NYLON FRAME FIXING – Countersunk – CE Approved

Stainless Steel A4-316



A nylon frame fixing with an ETA for multiple fixings for non-structural applications A4 Stainless Steel Countersunk screw with a Torx drive. 8mm Dia TORX30 Drive, 10mm Dia TORX40 Drive.



PART NUMBER	ANCHOR HOLE SIZE	ANCHOR PLUG LENGTH	MAX. FIXTURE THICKNESS	MIN. HOLE DEPTH	REC. TENSILE RESISTANCE	REC. SHEAR RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
			mm	mm	Nm	Nm			
08NFF080SSCE	8	80	10	90	1.38	4.5	100	1.83	£148.00
08NFF100SSCE	8	100	30	90	1.38	1.5	100	2.29	£176.00
08NFF120SSCE	8	120	50	90	1.38	4.5	100	2.80	£207.00
08NFF140SSCE	8	140	70	90	1.38	4.5	100	3.25	£284.00
10NFF080SSCE	10	80	10	90	1.78	6.1	50	2.59	£206.00
10NFF100SSCE	10	100	30	90	1.78	6.1	50	3.25	£235.00
10NFF120SSCE	10	120	50	90	1.78	6.1	50	3.85	£267.00
10NFF140SSCE	10	140	70	90	1.78	6.1	50	4.48	£337.00
10NFF160SSCE	10	160	90	90	1.78	6.1	50	5.02	£387.00

PRODUCT INFORMATION
PLUGS – Nylon Wall Plugs

A nylon plug suitable for solid base materials.



PART NUMBER	HOLE SIZE	PLUG LENGTH	WOOD SCREW GAUGE	WOOD SCREW SIZE	MINIMUM HOLE DEPTH	REC. TENSILE RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	Nm		kg	£
NWP05	5	25	4-6	2.5-3.5	30	0.24	100	0.04	£5.00
NWP06	6	30	6-10	3.5-5.0	35	0.37	100	0.08	£6.00
NWP07	7	30	8-12	4.0-5.5	35	0.43	100	0.12	£9.00
NWP08	8	40	10-14	5.0-6.0	45	0.56	100	0.15	£11.00
NWP10	10	50	14-18	6.0-8.0	55	1.10	50	0.29	£17.00
NWP12	12	60	18-24	8.0-10.0	70	1.38	25	0.52	£31.00
NWP14	14	70	24-32	10.0-12.0	80	2.35	20	0.74	£45.00

PRODUCT INFORMATION
PLUGS – Universal Wall Plugs

A universal plug suitable for hollow or solid base materials.



PART NUMBER	HOLE SIZE	PLUG LENGTH	WOOD SCREW GAUGE	WOOD SCREW SIZE	MINIMUM HOLE DEPTH	REC. TENSILE RESISTANCE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm	mm	mm	mm	mm	Nm		kg	£
UWP06	6	35	6-8	3.5-4.0	40	0.24	200	0.04	£14.00
UWP08	8	50	10-12	4.5-5.5	55	0.56	100	0.12	£19.00
UWP10	10	61	12-14	5.5-6.0	65	1.10	50	0.15	£22.00

PRODUCT INFORMATION
PLUGS – Standard Plastic Plugs


PART NUMBER	COLOUR	HOLE SIZE	PLUG LENGTH	WOOD SCREW GAUGE	WOOD SCREW GAUGE	MINIMUM HOLE DEPTH	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
		mm	mm	No.	mm	mm		kg	£
YSP	Yellow	5	22	4-8	2.5-4.0	30	100	0.40	£2.70
RSP	Red	6	30	6-10	3.5-5.0	40	100	0.64	£3.10
BSP	Brown	7	37	10-14	5.0-6.0	45	100	1.12	£3.50

PRODUCT INFORMATION

PARABOLT® – Ribdeck 60 (Type) nuts

Zinc Alloy

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PARABOLT WEDGENUTS

Product designed for anchoring threaded rod hangers from profiled decking.



PART NUMBER	THREAD DIAMETER	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm		kg	£
N60M06Y	M06	100	1.1	£75.00
N60M08Y	M08	100	1.1	£75.00
N60M10Y	M10	100	1.1	£75.00

DIMENSIONS FOR RD60 PARABOLT® WEDGENUTS

THREAD DIAMETER	LONGER TOP LENGTH	SHORTER BOTTOM LENGTH	DEPTH	WIDTH (MEASURED FROM SHORTER LENGTH)
mm	mm	mm	mm	mm
M06	20.60	17.50	10.00	12.80
M08	20.60	17.50	10.00	12.80
M10	20.60	17.50	10.00	12.80

PRODUCT INFORMATION

PARABOLT® – Standard Wedgenuts

Zinc & Clear Passivated

Product designed for anchoring threaded rod hangers from profiled decking.



PART NUMBER	THREAD DIAMETER	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm		kg	£
N61M06Y	M06	100	2.2	£25.00
N61M08Y	M08	100	2.2	£25.00
N61M10Y	M10	100	2.2	£25.00
N61M12Y	M12	100	2.2	£65.00

DIMENSIONS FOR STANDARD PARABOLT® WEDGENUTS

THREAD DIAMETER	LONGER TOP LENGTH	SHORTER BOTTOM LENGTH	DEPTH	WIDTH
mm	mm	mm	mm	mm
M06	25.00	19.00	13.00	10.00
M08	25.00	19.00	13.00	10.00
M10	25.00	19.00	13.00	10.00
M12	25.00	19.00	16.50	10.00

PRODUCT INFORMATION

PARABOLT® – Mini Wedgenuts

Zinc & Clear Passivated

Product designed for anchoring threaded rod hangers from profiled decking.



PART NUMBER	THREAD DIAMETER	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm		kg	£
N58M06Z	M06	100	0.80	£46.00
N58M08Z	M08	100	0.80	£46.00

DIMENSIONS FOR MINI PARABOLT® WEDGENUTS

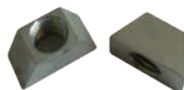
THREAD DIAMETER	LONGER TOP LENGTH	SHORTER BOTTOM LENGTH	DEPTH	WIDTH (MEASURED FROM SHORTER LENGTH)
mm	mm	mm	mm	mm
M06	18.90	13.00	9.40	9.40
M08	18.90	13.00	9.40	9.40

PRODUCT INFORMATION

PARABOLT® – Mini Mini Wedgenuts

Zinc & Clear Passivated

Product designed for anchoring threaded rod hangers from profiled decking.



PART NUMBER	THREAD DIAMETER	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
	mm		kg	£
N59M06Z	M06	100	0.79	£46.00
N59M08Z	M08	100	0.79	£46.00

DIMENSIONS FOR MINI PARABOLT® WEDGENUTS

THREAD DIAMETER	LONGER TOP LENGTH	SHORTER BOTTOM LENGTH	DEPTH	WIDTH (MEASURED FROM SHORTER LENGTH)
mm	mm	mm	mm	mm
M06	18.00	10.00	9.40	9.40
M08	18.00	10.00	9.40	9.40

PRODUCT INFORMATION

PARABOLT® - Thread Adapter (Reducer) Hexagon

Zinc & Yellow Passivated

Male/female adapter used to convert two different thread sizes.

PART NUMBER	FEMALE THREAD DIAMETER	MALE THREAD DIAMETER	QUANTITY PER BOX	LIST PRICE PER 100
	mm	mm		£
TA1M10F-M12M	M10	M12	100	£123.00
TA1M10F-M08M	M10	M8	100	£123.00
TA1M12F-M10M	M12	M10	100	£123.00
TA1M06F-M10M	M06	M10	100	£123.00
TA1M06F-M08M	M06	M08	100	£123.00
TA1M08F-M10M	M08	M10	100	£123.00
TA1M08F-M06M	M08	M06	100	£123.00
TA1M12F-M16M	M12	M16	50	£350.00
TA1M10F-M16M	M10	M16	50	£350.00
TA1M16F-M12M	M16	M12	50	£450.00
TA1M16F-M10M	M16	M10	50	£450.00



PRODUCT INFORMATION
VERTICLE HANGER – Light Section

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Internally Threaded Self Drilling Socket for Hanging Rods Vertically in Light Section Steel.



PART NUMBER	THREAD DIAMETER	LENGTH	POINT TYPE	STEEL THICKNESS	SOCKET DIAMETER	A/F SIZE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
		mm		mm				kg	£
VHLSM0825	¼"	25	3	1.2-3.0	M08	5/8"	100	3.55	£198.00
VHLSM0838	¼"	38	3	1.2-3.0	M08	5/8"	100	3.40	£203.00
VHLSM1025	¼"	25	3	1.2-3.0	M10	5/8"	100	3.70	£200.00
VHLSM1038	¼"	38	3	1.2-3.0	M10	5/8"	100	3.54	£209.00

SELF DRILLING SCREWS

PRODUCT INFORMATION
VERTICLE HANGER – Heavy Section

Internally Threaded Self Drilling Socket for Hanging Rods Vertically in Heavy Section Steel.



PART NUMBER	THREAD DIAMETER	LENGTH	POINT TYPE	STEEL THICKNESS	SOCKET DIAMETER	A/F SIZE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
		mm		mm				kg	£
VHHSM1032	12g	32	5	4.0-12.5	M10	5/8"	100	3.60	£210.00

PRODUCT INFORMATION
HORIZONTAL HANGER – Light Section

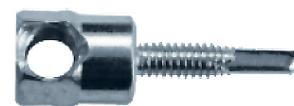
Internally Threaded Self Drilling Socket for Hanging Rods Horizontally in Light Section Steel.



PART NUMBER	THREAD DIAMETER	LENGTH	POINT TYPE	STEEL THICKNESS	SOCKET DIAMETER	A/F SIZE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
		mm		mm				kg	£
HHLSTM0825	¼"	25	3	1.2-3.0	M08	5/8"	100	3.45	£219.00
HHLSTM1025	¼"	25	3	1.2-3.0	M10	5/8"	100	3.30	£227.00
HHLSTM1038	¼"	38	3	1.2-3.0	M10	5/8"	100	3.40	£233.00

PRODUCT INFORMATION HORIZONTAL HANGER – Heavy Section

Internally Threaded Self Drilling Socket for Hanging Rods
Horizontally in Heavy Section Steel.



PART NUMBER	THREAD DIAMETER	LENGTH	POINT TYPE	STEEL THICKNESS	SOCKET DIAMETER	A/F SIZE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
		mm		mm				kg	£
HHHSM1032	12g	32	5	4.0-12.5	M10	5/8"	100	3.10	£242.00

PRODUCT INFORMATION VERTICLE HANGER – Wood

Internally Threaded Self Drilling Socket for Hanging Rods
Vertically in Wood.



PART NUMBER	THREAD DIAMETER	LENGTH	STEEL THICKNESS	SOCKET DIAMETER	A/F SIZE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
		mm	mm				kg	£
VHWM0825	¼"	25	0.7-1.4	M08	5/8"	100	3.26	£200.00
VHWM0850	¼"	50	0.7-1.4	M08	5/8"	100	3.00	£203.00
VHWM1025	¼"	25	0.7-1.4	M10	5/8"	100	3.30	£202.00
VHWM1050	¼"	50	0.7-1.4	M10	5/8"	100	3.50	£206.00
VHWM1063	5/16"	63	0.7-1.4	M10	5/8"	100	3.88	£216.00

PRODUCT INFORMATION HORIZONTAL HANGER – Wood

Internally Threaded Self Drilling Socket for Hanging Rods
Vertically in Wood.



PART NUMBER	THREAD DIAMETER	LENGTH	STEEL THICKNESS	SOCKET DIAMETER	A/F SIZE	QUANTITY PER BOX	SHIP WEIGHT PER 100	LIST PRICE PER 100
		mm	mm				kg	£
HHWM0825	¼"	25	0.7-1.4	M08	5/8"	100	3.31	£210.00
HHWM1025	¼"	25	0.7-1.4	M10	5/8"	100	2.90	£214.00
HHWM1050	¼"	50	0.7-1.4	M10	5/8"	100	3.40	£220.00

Parabolt security anchors and screws available from stock. These are used to protect a wide range of applications including Prisons, Hospitals, Schools & Stadiums.

Also, available bespoke security fixings made to order including non-standard lengths and diameters, both metric and imperial threads, and products made to customer drawings and specifications usually with relatively short lead times.





PARABOLT®
CONSTRUCTION FIXINGS

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