

0400 - Rawlbolts

Description

World's most popular expanding shield anchor. Easy to use with good load carrying capacity. Ideal general purpose anchor bolt with excellent tolerance to variation in hole size. The collapsible ferrule ensures positive clamping force is transmitted to the fixture.

Advantages

- Bolt lengths suitable for fixture thickness up to 150mm
- Ferrule marked with hole diameter for correct installation
- Pressed steel segments ensure consistent dimensional accuracy
- Optimum taper nut angle for maximum expansion in all substrates

Typical applications

- Roller shutter doors
- Fire doors
- Steelwork
- Security grills
- Machinery
- Pipework/Duct work supports.



Loose Bolt Zinc Plated

VJT Code	Description	Thread-Ø	Drill-Ø (mm)	Max. Fixture Thickness (mm)	Shield Length (mm)	Bolt Length (mm)	Hole Depth	Box Qty
04000010	M6/10L BZP	M6	12	10	45	55	50	50
04000020	M6/25L BZP	M6	12	25	45	70	50	50
04000030	M6/40L BZP	M6	12	40	45	85	50	50
04000040	M8/10L BZP	M8	14	10	50	65	55	50
04000050	M8/25L BZP	M8	14	25	50	80	55	50
04000060	M8/40L BZP	M8	14	40	50	95	55	50
04000070	M10/10L BZP	M10	16	10	60	75	65	50
04000080	M10/25L BZP	M10	16	25	60	90	65	50
04000090	M10/50L BZP	M10	16	50	60	115	65	50
04000100	M10/75L BZP	M10	16	75	60	140	65	25
04000110	M12/10L BZP	M12	20	10	75	90	85	25
04000120	M12/25L BZP	M12	20	25	75	105	85	25
04000130	M12/40L BZP	M12	20	40	75	120	85	25
04000140	M12/60L BZP	M12	20	60	75	140	85	25
04000150	M16/15L BZP	M16	25	15	115	135	125	10
04000160	M16/30L BZP	M16	25	30	115	150	125	10
04000170	M16/60L BZP	M16	25	60	115	180	125	10
04000180	M20/60L BZP	M20	32	60	130	195	140	10
04000190	M20/100L BZP	M20	32	100	130	235	140	10
04000200	M24/100L BZP	M24	38	100	150	255	160	5
04000210	M24/150L BZP	M24	38	150	150	300	160	2

Projecting Bolt Zinc Plated

VJT Code	Description	Thread-Ø	Drill-Ø (mm)	Max. Fixture Thickness (mm)	Shield Length (mm)	Bolt Length (mm)	Hole Depth	Box Qty
04000220	M6/10P BZP	M6	12	10	45	65	50	50
04000230	M6/25P BZP	M6	12	25	45	80	50	50
04000240	M6/60P BZP	M6	12	60	45	115	50	50
04000250	M8/10P BZP	M8	14	10	50	75	55	50
04000260	M8/25P BZP	M8	14	25	50	90	55	50
04000270	M8/60P BZP	M8	14	60	50	125	55	25
04000280	M10/15P BZP	M10	16	15	60	90	65	50
04000290	M10/30P BZP	M10	16	30	60	105	65	25
04000300	M10/60P BZP	M10	16	60	60	135	65	25
04000310	M12/15P BZP	M12	20	15	75	110	85	25
04000320	M12/35P BZP	M12	20	30	75	125	85	25
04000330	M12/75P BZP	M12	20	75	75	170	85	25
04000340	M16/15P BZP	M16	25	15	115	150	125	10
04000350	M16/35P BZP	M16	25	35	115	170	125	10
04000360	M16/75P BZP	M16	25	75	115	210	125	10
04000370	M20/15P BZP	M20	32	15	130	170	140	10
04000380	M20/30P BZP	M20	32	30	130	185	140	10
04000390	M20/100P BZP	M20	32	100	130	255	140	10
04000400	M24/75P BZP	M24	38	75	150	255	160	5
04000410	M24/120P BZP	M24	38	120	150	300	160	2

Section 1 Fixings

Pressed Hookbolt Zinc Plated

VJT Code	Description	Drill-Ø (mm)	Shield Length (mm)	Hole Depth (mm)	Box Qty
04000430	M8H Hookbolt BZP	14	50	55	25
04000450	M12H Hookbolt BZP	20	75	85	25



Forged Eyebolt Zinc Plated

VJT Code	Description	Drill-Ø (mm)	Shield Length (mm)	Hole Depth (mm)	Box Qty
04000480	M10E Eyebolt BZP	16	60	65	25
04000490	M12E Eyebolt BZP	20	75	85	25

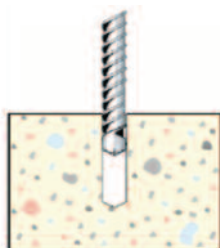


Shield only Zinc Plated

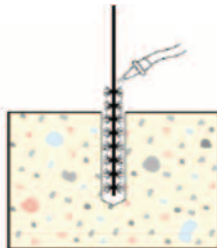
VJT Code	Description	Thread-Ø	Drill-Ø (mm)	Shield Length (mm)	Hole Depth (mm)	Box Qty
04000500	M6S Shield BZP	M6	12	45	50	100
04000510	M8S Shield BZP	M8	14	50	55	100
04000520	M10S Shield BZP	M10	16	60	65	100
04000530	M12S Shield BZP	M12	20	75	85	50
04000540	M16S Shield BZP	M16	25	115	125	25
04000550	M20S Shield BZP	M20	32	130	140	15
04000560	M24S Shield BZP	M24	38	150	160	5



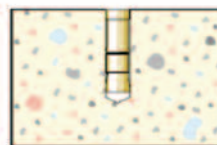
Installation Procedure



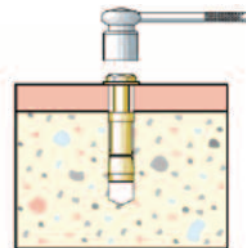
1. Drill hole to correct diameter and recommended depth.



2. Remove debris and clean hole thoroughly.



3. Remove bolt and washer, insert the shield into the hole.



4. Insert bolt through washer and fixer, replace bolt into shield and tighten to the recommended torque.

0410 - Shield Anchor

Description

The Shield Anchor is perhaps the most versatile of all fixings and used by the majority of trades. Suitable for Brickwork, Medium to Dense Blockwork and Concrete.

It is an ideal general purpose anchor that fulfils a large number of applications. The Shield only version is particularly versatile when used with a wide variety of non standard components, including special lengths of threaded rod where required.

Advantages

- Projecting bolt version provides support to fixture during installation
- Pressed steel segments
- Flush fixing
- Available in different head styles
- Can be used in a wide range of materials
- Load assisted expansion

Typical applications

- Machinery installation
- Porches
- Bracketry
- Racking & storage
- Pipework
- Wall / Sole plates



Shield Anchor

Shield only Zinc Plated

VJT Code	Description	Thread Ø	Drill-Ø (mm)	Shield Length (mm)	Hole Depth (mm)	Box Qty
04100010	Shield Anchor S06 Body Only BZP	M6	12	45	50	50
04100020	Shield Anchor S08 Body Only BZP	M8	14	50	55	50
04100030	Shield Anchor S10 Body Only BZP	M10	16	60	65	50
04100040	Shield Anchor S12 Body Only BZP	M12	20	75	85	25
04100050	Shield Anchor S16 Body Only BZP	M16	25	115	125	10



Pressed Eyebolt Zinc Plated

VJT Code	Description	Drill-Ø (mm)	Shield Length (mm)	Hole Depth (mm)	Box Qty
04100060	Shield Anchor E06 Pressed Eyebolt BZP	12	45	50	25
04100090	Shield Anchor E12 Pressed Eyebolt BZP	20	75	85	10



Forged Eyebolt Zinc Plated

VJT Code	Description	Drill-Ø (mm)	Shield Length (mm)	Hole Depth (mm)	Box Qty
04100100	Shield Anchor E06F Forged Eyebolt BZP	12	45	50	25
04100120	Shield Anchor E10F Forged Eyebolt BZP	16	60	65	10
04100130	Shield Anchor E12F Forged Eyebolt BZP	20	75	85	10

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Pressed Hookbolt Zinc Plated

VJT Code	Description	Drill-Ø (mm)	Shield Length (mm)	Hole Depth (mm)	Box Qty
04100150	Shield Anchor H08 Pressed Hookbolt BZP	14	50	55	25



Projecting Bolt Zinc Plated

VJT Code	Description	Thread Ø	Drill-Ø (mm)	Max. Fixture Thickness (mm)	Shield Length (mm)	Bolt Length (mm)	Hole Depth (mm)	Box Qty
04200010	Shield Anchor 0610P PB BZP	M6	12	10	45	60	50	50
04200020	Shield Anchor 0625P PB BZP	M6	12	25	45	75	50	50
04200025	Shield Anchor 0640P PB BZP	M6	12	40	45	100	50	50
04200030	Shield Anchor 0660P PB BZP	M6	12	60	45	120	50	50
04200040	Shield Anchor 0810P PB BZP	M8	14	10	50	75	55	50
04200050	Shield Anchor 0825P PB BZP	M8	14	25	50	85	55	50
04200055	Shield Anchor 0840P PB BZP	M8	14	40	50	100	55	50
04200060	Shield Anchor 0860P PB BZP	M8	14	60	50	120	55	25
04200065	Shield Anchor 0880P PB BZP	M8	14	80	50	140	55	25
04200070	Shield Anchor 1015P PB BZP	M10	16	15	60	80	65	50
04200080	Shield Anchor 1030P PB BZP	M10	16	30	60	100	65	50
04200090	Shield Anchor 1060P PB BZP	M10	16	60	60	120	65	25
04200100	Shield Anchor 1070P PB BZP	M10	16	70	60	140	65	25
04200110	Shield Anchor 1090P PB BZP	M10	16	90	60	160	65	25
04200120	Shield Anchor 1215P PB BZP	M12	20	15	75	100	85	25
04200130	Shield Anchor 1230P PB BZP	M12	20	30	75	110	85	25
04200140	Shield Anchor 1250P PB BZP	M12	20	50	75	135	85	10
04200150	Shield Anchor 1275P PB BZP	M12	20	75	75	155	85	10
04200160	Shield Anchor 1615P PB BZP	M16	25	15	85	145	125	10
04200170	Shield Anchor 1635P PB BZP	M16	25	35	85	155	125	10
04200180	Shield Anchor 1675P PB BZP	M16	25	75	85	195	125	10

PB = Projecting Bolt.

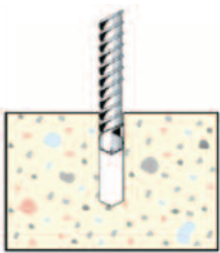


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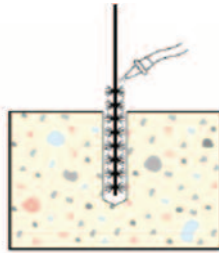
Loose Bolt Zinc Plated

VJT Code	Description	Thread Ø	Drill-Ø (mm)	Max. Fixture Thickness (mm)	Shield Length (mm)	Bolt Length (mm)	Hole Depth (mm)	Box Qty
04300010	Shield Anchor 0610L Loose Bolt BZP	M6	12	10	45	55	50	50
04300020	Shield Anchor 0625L Loose Bolt BZP	M6	12	25	45	70	50	50
04300030	Shield Anchor 0640L Loose Bolt BZP	M6	12	40	45	85	50	50
04300040	Shield Anchor 0810L Loose Bolt BZP	M8	14	10	50	65	55	50
04300050	Shield Anchor 0825L Loose Bolt BZP	M8	14	25	50	80	55	50
04300060	Shield Anchor 0840L Loose Bolt BZP	M8	14	40	50	95	55	50
04300070	Shield Anchor 1010L Loose Bolt BZP	M10	16	10	60	75	65	50
04300080	Shield Anchor 1025L Loose Bolt BZP	M10	16	25	60	90	65	50
04300090	Shield Anchor 1050L Loose Bolt BZP	M10	16	50	60	115	65	50
04300100	Shield Anchor 1075L Loose Bolt BZP	M10	16	75	60	140	65	25
04300110	Shield Anchor 1210L Loose Bolt BZP	M12	20	10	75	90	85	25
04300120	Shield Anchor 1225L Loose Bolt BZP	M12	20	25	75	105	85	25
04300130	Shield Anchor 1240L Loose Bolt BZP	M12	20	40	75	120	85	25
04300140	Shield Anchor 1260L Loose Bolt BZP	M12	20	60	75	140.00	85	25
04300150	Shield Anchor 1615L Loose Bolt BZP	M16	25	15	115	130	125	10
04300160	Shield Anchor 1630L Loose Bolt BZP	M16	25	30	115	155	125	10
04300170	Shield Anchor 1660L Loose Bolt BZP	M16	25	60	115	175	125	10

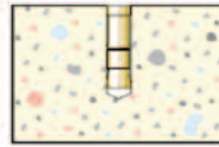
Installation Procedure



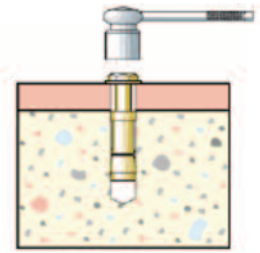
1. Drill hole to correct diameter and recommended depth.



2. Remove debris and clean hole thoroughly.



3. Remove bolt and washer, insert the shield into the hole.



4. Insert bolt through washer and fixer, replace bolt into shield and tighten to the recommended torque.