

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

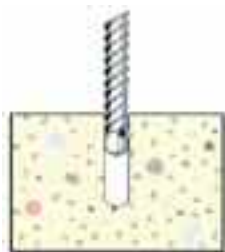


Shield only Zinc Plated

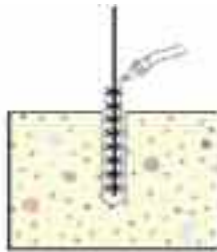
VJT Code	Description	Thread-Ø	Drill-Ø (mm)	Shield Length (mm)	Hole Depth (mm)	Box Qty
04000500	M6S Shield BZP	M6	12	45	50	100
04000510	M8S Shield BZP	M8	14	50	55	100
04000520	M10S Shield BZP	M10	16	60	65	100
04000530	M12S Shield BZP	M12	20	75	85	50
04000540	M16S Shield BZP	M16	25	115	125	25
04000550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



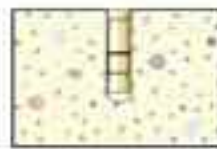
Installation Procedure



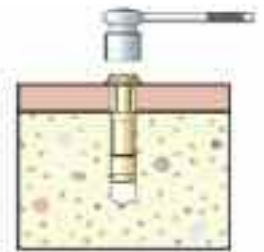
1. Drill hole to correct diameter and recommended depth.



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.