

## 0450 - Rawl Safety Plus Heavy Duty Anchor

SafetyPlus™ is an all steel high performance expansion anchor, suitable for the most demanding safety critical applications. This range offers exceptional tensile, shear and combined load performance in concrete, and is available in Loose Bolt, Projecting Bolt and Countersunk versions.



### Advantages

- Through fixing
- Grade 8.8 bolt / stud
- Torque controlled expansion
- Available in stainless steel
- Countersunk version available for flush finish
- High strength steel washer

### Typical applications

- Safety barriers
- Steel beams and steel structures
- Cladding restraints
- Racking systems
- Road signs
- Holding down heavy machinery



### Rawl Safety Plus Heavy Duty Anchor

#### Loose Bolt Zinc Plated

VJT Code	Description	Thread Ø	Drill-Ø (mm)	Max. Fixture Thickness (mm)	Embed Depth (mm)	Min. Drill Depth	Overall Length	Box Qty
04500010	Safetyplus Anchor M8/15L BZP	M8	12	15	60	80	90	50
04500020	Safetyplus Anchor M8/40L BZP	M8	12	40	60	80	110	50
04500030	Safetyplus Anchor M10/20L BZP	M10	15	20	70	90	100	50
04500040	Safetyplus Anchor M10/40L BZP	M10	15	40	70	90	120	50
04500050	Safetyplus Anchor M10/60L BZP	M10	15	60	70	90	140	50
04500060	Safetyplus Anchor M12/25L BZP	M12	18	25	80	105	120	25
04500070	Safetyplus Anchor M12/50L BZP	M12	18	50	80	105	150	25
04500090	Safetyplus Anchor M16/25L BZP	M16	24	25	100	125	145	10
04500100	Safetyplus Anchor M16/50L BZP	M16	24	50	100	125	170	10
04500110	Safetyplus Anchor M20/30L BZP	M20	28	30	125	155	175	10



#### Bolt Projecting Zinc Plated

VJT Code	Description	Thread Ø	Drill-Ø (mm)	Max. Fixture Thickness (mm)	Embed Depth (mm)	Min. Drill Depth	Overall Length	Box Qty
04500120	Safetyplus Anchor M8/15P BZP	M8	12	15	60	80	95	50
04500130	Safetyplus Anchor M10/20P BZP	M10	15	20	70	90	110	50
04500150	Safetyplus Anchor M12/25P BZP	M12	18	25	80	105	135	25
04500160	Safetyplus Anchor M12/50P BZP	M12	18	50	80	105	160	25
04500170	Safetyplus Anchor M16/25P BZP	M16	24	25	100	125	185	10
04500180	Safetyplus Anchor M20/30P BZP	M20	28	30	125	155	190	10



#### Countersunk Zinc Plated

VJT Code	Description	Thread Ø	Drill-Ø (mm)	Max. Fixture Thickness (mm)	Embed Depth (mm)	Min. Drill Depth	Overall Length	Box Qty
04500190	Safetyplus Anchor Csk M8/20 BZP	M8	12	20	60	80	90	50
04500200	Safetyplus Anchor Csk M10/25 BZP	M10	15	25	70	90	105	50
04500210	Safetyplus Anchor Csk M12/30 BZP	M12	18	30	80	105	125	25
04500220	Safetyplus Anchor Csk M16/30 BZP	M16	24	30	100	125	145	10

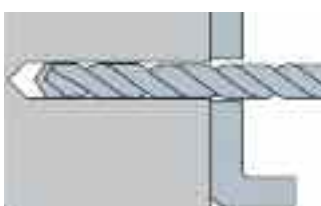


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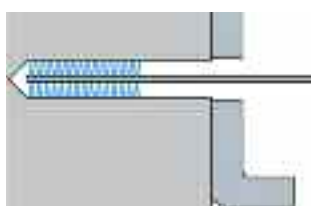
## Limited Embedment Zinc Plated

VJT Code	Description	Thread Ø	Drill-Ø (mm)	Max. Fixture Thickness (mm)	Embed Depth (mm)	Min. Drill Depth	Overall Length	Box Qty
04500230	Safetyplus Anchor Ltd M8/25L BZP	M8	12	25	40	55	80	50
04500240	Safetyplus Anchor Ltd M10/25L BZP	M10	15	25	50	70	90	50
04500250	Safetyplus Anchor Ltd M12/25L BZP	M12	18	25	60	85	100	25
04500260	Safetyplus Anchor Ltd M16/30L BZP	M16	24	30	75	100	130	10

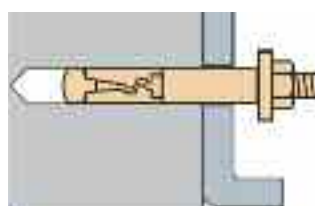
## Installation Procedure



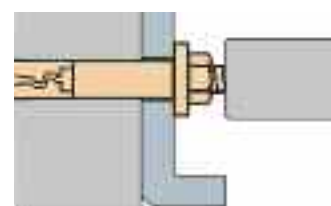
1. Drill correct diameter hole to recommended depth.



2. Remove debris and clean hole thoroughly.



3. Insert SafetyPlus™ anchor through fixture into hole and tap home.



4. Tighten to the recommended torque.