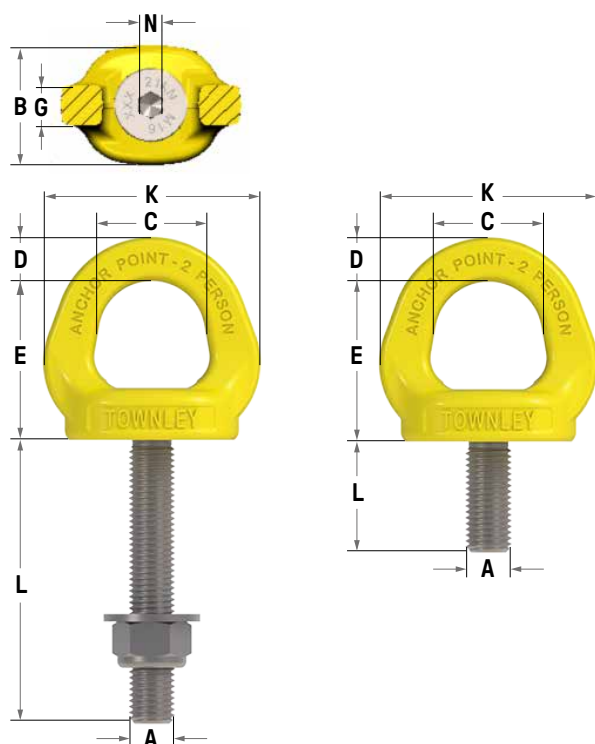


Height Safety Anchor Point

Product Description

Load Ring:

- Rated Capacity: 1 - 2 Persons
- Alloy steel construction
- Long and short series bolt options
- Non-removable bolt
- 100% Crack Detection
- Made in Australia
- AS/NZS 5532:2013



Product Code	A	B (mm)	C (mm)	D (mm)	E (mm)	G (mm)	K (mm)	L (mm)	N (mm)	Weight (kg)
FP-TSEB16	M16	50	39	16	55	16	75	30	10	0.4
FP-TSEBLS16	M16	50	39	16	55	16	75	180	10	0.6
FP-TSEB20	M20	50	39	16	55	16	75	30	12	0.6
FP-TSEBLS20	M20	50	39	16	55	16	75	180	12	0.8

Important

All persons using this equipment must read and understand all instructions outlined in this document. Failure to do so may result in serious injury or death. Only to be used by competent persons who can provide proof of competency training by a registered training organisation. Training shall be in accordance with the relevant Australian standards that govern industrial fall arrest systems and devices.

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Warning

Users and purchasers of this equipment must read and understand the User Instructions provided for correct care and use of this product. All users of this equipment must understand the instructions, operation, limitations, and consequences of improper use of this equipment and be suitably trained prior to use in accordance with AS/NZS 1891 series – Industrial fall arrest systems and devices. The AS/NZS1891 series includes Parts 1, 2, 3 and 4.

MISUSE OR FAILURE TO FOLLOW WARNINGS AND INSTRUCTIONS MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

Purpose

This product is designed to function exclusively as a single point anchor for the protection of personnel against falls from a height for fall arrest, work positioning, or travel restriction in an industrial environment.

Warning

FOR PERSONNEL USE ONLY – NOT FOR MATERIALS USE.

User Instructions

1. Before using an industrial fall arrest system, the user must be suitably trained and competent in accordance with the requirements of AS/NZS1891 series – Industrial fall-arrest systems and devices. The AS/NZS1891 series includes parts 1, 2, 3 and 4.
2. The System Designer and/or Engineer is responsible for assessing the site location to complete the overall design and layout of the anchor system. This includes ensuring safe access to the system, work methods that provide adequate protection for the tasks to be undertaken and safe egress from the system.
3. The System Installer is responsible for the correct installation and on-site testing of the anchor points to ensure they meet the required strength requirements in their particular locations and substrates in accordance with AS/NZS1891.4.
4. Use only with approved AS/NZS1891.4 compliant personal fall arrest or restraint system devices.
5. Prior to installation and immediately prior to each use, the anchor point must be inspected for wear, damage, and other deterioration. If defective components are found, the anchor point must be immediately removed from service in accordance with the requirements of AS1891.4.
6. Matching of threads: Extreme care should be taken to ensure that the bolt is not screwed into threaded holes of different size or thread type.
7. Where the anchor point bolt is used in a tapped hole, drill and tap the steel substrate material so that the anchor point bolt is installed perpendicular to the surface of the steel substrate. The substrate surface must be flat, providing complete contact for the under-surface collar of the anchor point bolt head.
8. The anchor point bolt should be fitted with the correct Allen hex key socket tool.
9. Excessive tightening of the anchor point bolt shall be avoided. Tighten to the recommended torque and periodically check the bolt torque as it could loosen in extensive service.
10. For steel mounting in a through hole, only use compatible washer and locking nut supplied by the manufacturer.
11. For steel mounting to a tapped hole, ensure that the bolt thread is fully engaged to the under-surface collar of the anchor point bolt head.
12. The supplied inspection record plate shall be placed near the anchor point and permanently attached using a suitable fastening method.
13. Use of this product must be approved by an Engineer or other qualified person to be compatible with any and all structural & operational characteristics of the selected installation location. This also includes the system to which this anchor point is connected.
14. The anchor point shall be positioned in such a way that minimizes the potential for falls and the potential fall distance during use. The anchor point must be installed in a location above the position of the user. This shall be determined by the Engineer.
 WARNING: Work directly under the anchor point at all times as swing falls can result in serious injury or death.
15. Prior to each use, the system user must review the recommendations for use with other components, check that the anchor rating is suitable and also check compatibility with attachment hardware. See Section "Compatibility Limitations"
16. The user shall be equipped with a means of limiting the maximum dynamic forces exerted on the user during the arrest of a fall to a maximum of 6 kN.
17. After a fall occurs, a competent person must inspect the anchor point and determine whether the anchor point must be discarded. Please see Inspection and Discard Criteria.

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Use Limitations

The anchor point shall not be used outside its limitations, or for any purpose other than that for which it is intended.

1. The anchor point is designed for one and two persons only.
2. **⚠ WARNING: Permanent swiveling under load must be avoided, the anchor point has the potential to unscrew and turn loose under this condition of use.**
3. The anchor point is designed to be used in temperatures ranging from -10°C to +100°C.
4. Do not expose the anchor point to chemicals or harsh solutions which may have a harmful effect.
5. Do not alter or modify this product in anyway.
6. The product is for personnel use only and not for materials use.
7. Only to be used for steel mounting where the substrate material has been assessed by a competent person or Engineer. The substrate material must be of adequate strength to withstand the strength requirements for anchorages in accordance with AS/NZS1891.4.
8. Any fixing to a substrate other than steel must be assessed by a qualified engineer to determine whether the substrate and anchorage system is structurally adequate. Additional requirements and limitations may apply depending on the anchorage type and fastening option utilized for installation. This must be assessed and approved by an engineer or other qualified person.
9. The anchor point is not recommended for permanent outdoor use due to changing weather conditions that can cause corrosion and material wear.
10. The anchor point is manufactured from ferrous materials. A zinc coating system is used to provide galvanic resistance; however, consideration must be given to possible corrosion issues between the anchor point, its fixings, and the structure to which it is attached. Consideration should also be given to environmental factors including highly corrosive environments. An engineer must assess positioning and environment suitability.
11. Do not use under chemical influences such as acids, alkaline solutions, and vapours. i.e. in or around pickling baths, hot dip galvanizing plants.
12. Anchor systems, where multiple anchor points are required must be designed by a qualified engineer.
13. Caution must be taken when using any component for the purpose of a fall arrest, work positioning, or travel restriction near moving machinery, electrical hazards, sharp edges, open windows, doors, panels or abrasive surfaces, as contact may cause equipment failure, personal injury, or death.
14. The location and positioning of this anchor point must be determined by a qualified engineer in accordance with AS/NZS1891.4
15. Do not install or use this equipment without proper training by a "competent person" as defined by AS/NZS1891.4

16. This anchor point should not be used as part of a horizontal lifeline system that has not been designed and or approved to be used with 21kN end anchorages.

17. The anchor point must not be used for lifting.

Compatibility Limitations

⚠ WARNING: Only use certified attachment hardware approved by the System Designer. The anchor point must only be coupled to compatible connectors in accordance with AS/NZS 1891.

⚠ WARNING: ROLL-OUT

Unintentional disengagement can occur if non-compatible attachment hardware is used.

Snaphooks must be self-closing and self-locking types in accordance with AS/NZS1891

The locking mechanism must have a locking gate that overrides the latch so that it remains fully closed until the hook is intentionally opened by means of two separate manual operations.

⚠ WARNING: Nonlocking or single action snaphooks and carabiners must not be used due to the risk of Roll-out.

Inspection, Maintenance and Storage

1. The operator shall inspect the anchor point before and after each use. The anchor point must be free from any sign of damage, corrosion, or any other defect.
2. Cleaning periodically and before each use. This will prolong the life and proper functioning of the product. The frequency of cleaning should be determined by a competent person by inspection.
3. Severity of the environment must be considered when determining frequency of cleaning. Clean with compressed air and/or a cloth using plain water or a mild soap and water solution. Do not use any corrosive chemicals that could damage the product. Wipe all surfaces with a clean dry cloth and hang to dry or use compressed air.
4. When not in use, store anchor points in a cool, dry, clean environment, out of direct sunlight and free of corrosive or other degrading elements. Prior to storage, air dry the anchor point at ambient temperature.
5. Defective anchor points shall be withdrawn from service immediately and a replacement obtained if necessary. Defective anchor points must be discarded and/or sent to the manufacturer for assessment.
6. When in doubt of the operation, maintenance and inspection procedures, DO NOT USE.

7. The anchor points shall be inspected by a competent person at intervals not exceeding 12 months. The inspection must be performed by a competent person other than the intended user.
8. The installed inspection record plate and maintenance log below shall be used to record the inspection.
9. If the product inspection is overdue, or in need of a maintenance inspection, it shall be tagged as "unusable" and removed from service.

Inspection and Discard Criteria:

The user must observe the following criteria after installation and before each use

- a. Inspect the anchor point to ensure the underside of the bolt head is fully engaged and flush with the mounted surface;
- b. All markings including the WLL is legible;
- c. Ensure that the thread is tight, but not excessively tightened during fitting. Observe torque setting recommendations;

- d. Check for any signs of deformation, reduction in cross section, cracks, corrosion or any other defect. If a defect is found, discard immediately. DO NOT USE.
- e. Ensure that the anchor point swivels freely and is not obstructed in any way
- f. Ensure that the label record plate is affixed in close proximity to the anchor point;
- g. Please record the inspection details on the provided and affixed record plate
- h. Please record the inspection results and any corrective actions on the Inspection and Maintenance log below.

 If there are any signs of damage or unsafe conditions are found, proper disposal is required. The anchor point must be removed from service and then properly discarded

Inspection and Maintenance Log

Installed By:			Installation Date:
Inspection Date	Inspection Items Noted	Corrective Action Taken	Maintenance Performed
Approved by: _____			
Approved by: _____			
Approved by: _____			
Approved by: _____			