

PERMANENT & REMOVABLE EYEBOLTS

Eyebolts are designed to be fixed to a structural substrate such as structural steel or concrete to provide suitable connection points for both fall restraint and fall arrest use.

Removable eyebolts can only be used for fall restraint purposes. When not in use these eyebolts can be replaced with a nylon cap to make a clean finish. Permanent Eyebolts can be used for both Fall Restraint & Abseiling.



TECHNICAL INFORMATION

SYSTEM TYPE	HEIGHT SAFETY
FUNCTION	FALL RESTRAINT / ABSEIL
DIAMETER RANGE	M12, M16, M20
LENGTH RANGE	50MM-250MM
FIXING TYPE	PERMANENT OR REMOVABLE
INSPECTION PERIOD	6 MONTHS / 12 MONTHS
MATERIAL	GRADE 304 STAINLESS STEEL

EYEBOLT- MATERIAL SPECIFICATION

YIELD	STAINLESS STEEL - GRADE 304 (UNS S30400) FE, <0.08% C, 17.5-20% CR, 8-11% NI, <2% MN, <1% SI, <0.045% P, <0.03% STAINLESS STEEL
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SOCKET & LOCKING NUT - MATERIAL SPECIFICATION

YIELD	STAINLESS STEEL - GRADE 304 (UNS S30400) FE, <0.08% C, 17.5-20% CR, 8-11% NI, <2% MN, <1% SI, <0.045% P, <0.03% STAINLESS STEEL
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IDENTITY DISC - MATERIAL SPECIFICATION

MATERIAL	POLYVINYL CHLORIDE-PVC
TENSILE STRENGTH	2.60 N/mm ²
NOTCHED IMPACT STRENGTH	2.0 - 45 Kj/m ²
THERMA COEFFICENT OF EXPANSION	80 X 10 ⁻⁶
MAX CONT USE TEMP	60°C
DENSITY	1.38 g/cm

OPERATING AND DESIGN STANDARDS

- BS EN 795:2012 CLASS A – SINGLE ANCHORS, ANTIPENDULUM ANCHORS
- BS 7883: 2005 – DESIGN, SELECTION, INSTALLATION, USE AND MAINTENANCE FOR ANCHORS CONFORMING TO EN 795
- BSMA 29: 1982 – SPECIFICATION FOR STEEL WIRE ROPE
- ACR (M) 002:2009
- ACR (CP) 007:2008
- ISO 9001:2008
- ISO 14001:2004
- BS OHSAS 18001:2007
- WORK AT HEIGHT REGULATIONS 2005 (REF.7)
- WORK AT HEIGHT (AMENDMENT) REGULATIONS 2007 (REF.8) WAHR
- PROVISION AND USE OF WORK EQUIPMENT
- PROVISION AND USE OF WORK EQUIPMENT REGULATIONS 1999 PUWER 98 (REF.5)

TYPICAL CONNECTION LOADS

	PERMANENT	REMOVABLE
ULTIMATE FACTORED LOAD ON BRACKET BASE	12.0Kn	12.0Kn
BRACKET MOMENT	7.89Kn/m	7.89Kn/m