

Spring Energy Absorber (Bow Connection)

PRODUCT NAME	Stainless Steel Spring Energy Absorber (Ring Connection)
PRODUCT CODE	DEC-SEA-BC-SS316
PRODUCT CATEGORY	Horizontal Lifeline Component
MATERIAL	Marine Grade SS316 Stainless Steel

PRODUCT DESCRIPTION

A marine-grade SS316 inline spring energy absorber with ring connection, designed for permanent horizontal lifeline systems. The spring mechanism dissipates fall forces to reduce loads transferred to anchors and supporting structures.



KEY FEATURES

- ✓ Marine Grade SS316 Stainless Steel
- ✓ Excellent Corrosion Resistance
- ✓ Adjustable Cable Tension
- ✓ Easy Installation
- ✓ Suitable for Permanent Lifeline Systems
- ✓ Low Maintenance Design

APPLICATIONS

- Horizontal Lifeline Systems
- Roof Safety Systems
- Industrial Structure
- Mining Facilities
- Telecommunications Towers
- Solar Panel Installations
- Rope Access Safety Systems

COMPLIANCE & STANDARDS

This product is manufactured and tested in accordance with international and South African standard including.

EN	EN	EN	SANS	SANS	SANS	ISO
795	353	362	50353	50795	795	9001
Personal Fall Protection Anchor Devices	Guided Type Fall Attachment	Connectors for Personal Protection Equipment	Personal Fall Protection Anchor Devices	Anchor Device	Fall Protection Anchor Devices	Quality Management Manufacturing Systems



INSTALLATION REQUIREMENTS



- Installation in accordance with applicable engineering designs and specification.
- Horizontal lifeline range is based on the sound engineer principles.
- Ensure correct wire cable fusion to anchor point.
- Use Calibrated installation tools.
- Users must be competent prefer trained personal.
- Inspect all connections before system commissioning.

INSPECTION & MAINTENANCE

INSPECTION ITEM	FREQUENCY
• Visual Inspection	Monthly
• Competent Person Inspection	Annually
• Deformation Inspection	Annually
• Corrosion Inspection	Annually
• Pull Test Certification	Annually
• Replacement If Damaged	Immediate

SAFETY INFORMATION

- Intended for fall prevention systems only.
- Not designed for lifting applications.
- Do not exceed system design loads.
- Use approved fall arrest PPE.
- Follow manufactured installation procedure.
- Remove from service immediately if damaged or deteriorated, or excessive corrosion is detected.

COMPATIBLE COMPONENTS

	8mm Stainless Steel
	Base Plate Attachment with Fasteners
	Turnbuckle
	Shock Absorber
	Intermediate Anchor Post
	Cable Guides
	End Anchor Attachment
	Lifeline Shuttles

