RIGGING CONCEPTS

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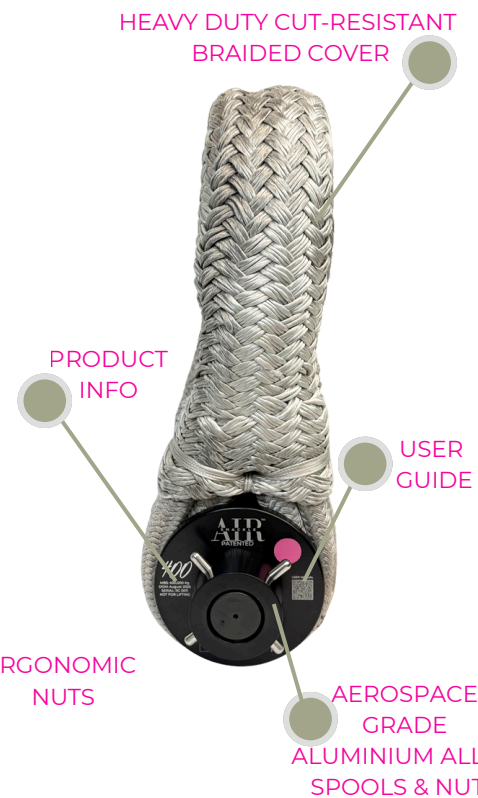
AIR SHACKLE™

Introducing rope and metal together in a single, groundbreaking design The AirShackle™ is a lightweight, flexible substitute for steel shackles. Its unique design allows for quick rigging and optimal D/d ratios. The AirShackle™ sets a new standard in rigging performance and remains the hybrid shackle benchmark in strength, safety, and innovation.



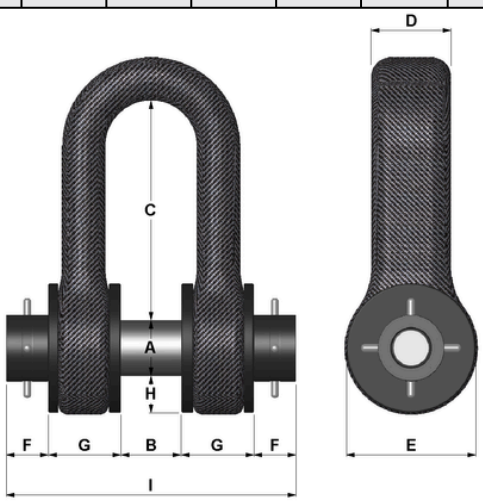
RIGGING CONCEPTS DEVELOPS INNOVATIVE LOAD-HANDLING SOLUTIONS, ENGINEERING SAFER, LIGHTER, AND SMARTER RIGGING TECHNOLOGY FOR INDUSTRIES WORLDWIDE

RIGGING CONCEPTS

AIR SHACKLE™

- Combines high-strength UHMWPE fibres with a tempered high-tensile steel load pin, black nitrided for durability, and CNC-machined aerospace-grade aluminium alloy (7075-T6) spools and nuts.
- Unique design allows the bow and pin to split separately for easy assembly, or remain attached on one side for quick rigging
- Can custom make to any length and strength
- Heavy duty UHMWPE abrasion resistant braided cover
- Rigorously performance tested to recognised Industry Standards
- Good D:d ratios for compatibility with synthetic slings
- Patented
- Proof-loaded at 40% of MBS
- Not to be used for lifting applications

Item No.	*MBS (Tonne)	A (mm)	B (mm)	Full Weight (kgs)	Bow Weight (kgs)	C (mm)	D (mm)	E (mm) +/-10mm	F (mm)	G (mm)	H (mm) +/- 5mm	I (mm)
WHRS-0160-0510-AIRREC	160	51	60	8	4.4	320	93	125	36.5	65	37.2	278
WHRS-0220-0570-AIRREC	220	57	65	13.5	7.7	360	110	145	43	90	44	329
WHRS-0300-0700-AIRREC	300	70	80	22	10.7	400	116	165	53	100	47.5	386
WHRS-0400-0830-AIRREC	400	83	90	32.9	15.9	440	127	194	63	109	55.5	434



*MBS - MINIMUM BREAK STRENGTH
Ensure the connection width (B) has more than 60% coverage on the pin — over 80% ensures optimal use
Some measurements may vary due to being hand made.
* All AirShackles™ Proofed to 40% MBS— eg 400T unit proofed at 160T.
Quoted minimum breaking strength (MBS) applies only to new, unused products tested under controlled conditions. Actual performance varies with wear, industry use, load angle, and environment. These conditions differ across industries and applications. Therefore no blanket Working Load Limit is recommended. It is the responsibility of the user to set their own safe WLL based on real conditions and use the product with a strong safety margin below its break strength appropriate to the level of risk and potential variation in load, wear, environment and proper engagement and coverage on the pin. Inspect the product before each use and remove it from service if there are signs of wear, damage, or deformation.*