



B.K.R. ENGINEERS



AN ISO 9001:2008 CERTIFIED COMPANY

Strength.....
for assured safety

Design for accuracy in
construct & usability

Lightweight..
for required convenience



35370-2008-AW-IND-UKAS

www.bkeng.com

COMPANY PROFILE

Established in 1990, under the aegis of Mr Bhupinder Singh and dynamic guidance of experience of 43 years with Mr. Ajit Singh Rattan, BKR Engineers is one of the leading and trustworthy manufacturer and exporter of a full range of parachute metal hardware. Our products are used for servicing military as well as commercial customers worldwide.

Utilizing the state-of-the-art technology, we manufacture high quality parachute forgings, that are extremely strong, to meet our customers' most stringent requirements. We operate a fully stocked store, together with a full-service room that is ready and equipped to provide custom work, no matter how large or small the assignment is.

An ISO 9001:2008 certified company, we have a proven track record of exporting precisely engineered products, that are backed superior customer service, in-depth industry expertise and timely deliveries. Together with our competent staff and understanding of the industry, we are increasingly making our presence felt in the international business arena.

PRODUCT RANGE

We have a comprehensive range of standardized as well as made to order parachute components. Some of the most popular items, from our product line are :

- Snap Hooks
 - Adjustable Buckles
 - Cargo Hardwares
 - Quick Release Box
 - Buckles
 - Links
 - Canopy Release Assembly
 - Parachute Fittings
- With Wire Loops

Our line of parachute hardware is manufactured from high tensile alloy Steel and various non-ferrous alloys. Customer's requirements are the major consideration at all the steps, from designing and manufacturing (dimensional specifications, material constraints etc) to the final finishing of the product.

WHY US?

We develop highly specialized products, based on our customer's specifications, using the most advanced technologies available in the industry. A look at some of our key strengths, that have contributed to our present day success, are:

Infrastructure: Process and equipment : B K R Engineers

We have a sound infrastructure, equipped with highly modernized machinery and best technology. Some of the machines used by us are:

- * CNC Wire Cut Machine & VMC
- * ZNC EDM.
- * Drop Hammer
- * Knuckle Joint Press, etc.

The process used includes hot forging process that ensures durability as well as superior designing of all our products.

PRODUCT DEVELOPMENT :

We are continually improving on our existing product range and are developing new products, to meet the customer's requirements and surpass their expectations. Innovative ideas from our employees and as well as diversified customer base continue to provide us with the competitive edge.

INDUSTRY COGNIZANCE :

We are constantly in touch with the latest industrial developments and are able to capitalize on the profitable aspects. Our partnerships with the industry leaders further allow us to develop new solutions and meet the evolving needs of our clients. We end your search for hard to find parachute components and safety harness.

QUALITY POLICY :

Being an ISO certified organization, all our products bear the hallmark of best processes and materials that are used in their production. We supply our customers with quality products, in a timely fashion and at competitive prices. From procurement of the superior quality raw material to the finished product, we ensure that the product received by our customers is defect free. Before the supply is released, every parachute metal component is tested thoroughly in our laboratory, conforming to the required specifications. Some of the quality checking equipments used by us are:

- * Universal Testing Machine (for proof load)
- * Vickers And Rockwell Hardness Tester
- * Metallurgical Microscope
- * Magnaflux Crack Detector
- * Plating Thickness Gauge, etc
- * Salt Spray Apparatus

Snap Hooks



BKRE-H-01 (PS 22017)
Snap Hook Quick Ejector
 (Sheet Parts Made from Carbon Steel)
 • 1140 Kgs (100% Proof Load Tested)
 • Hot Forged Alloy Steel
 • Cadmium or Zinc
 • Meets to PIAH 7195



BKRE-H-09
B -12 Long Snap Hook
 • 1140 Kgs (100% Proof Load Tested)
 • Hot Forged Alloy Steel
 • Cadmium or Zinc
 • Meets to PIAH 7195



BKRE-H-02 (PS 22017)
Snap Hook Quick Ejector
 (Sheet Parts Made from SS)
 • 1140 Kgs (100% Proof Load Tested)
 • Hot Forged Alloy Steel
 • Cadmium or Zinc
 • Meets to PIAH 7195



BKRE-H-10
Snap Hook Static Line
 • 1140 Kgs (100% Proof Load Tested)
 • Hot Forged Alloy Steel
 • Cadmium or Zinc
 • Meets to PIAH 7195



BKRE-H-03 (PS 22018)
Snap Hook Quick Ejector with Sliding Bar
 • 1140 Kgs (100% Proof Load Tested)
 • Hot Forged Alloy Steel
 • Cadmium or Zinc
 • Meets to PIAH 7195



BKRE-H-11 (11-1-6991)
Snap Hook Static Line
 • 800 Kgs (100% Proof Load Tested)
 • Hot Forged Alloy Steel
 • Cadmium or Zinc
 • Meets to PIAH 7195



BKRE-H-04 (PS 22042)
Snap Hook Quick Connector Parachest Harness
 • 2270 Kgs (100% Proof Load Tested)
 • Hot Forged Alloy Steel
 • Cadmium or Zinc
 • Meets to PIAH 7195



BKRE-H-12
Snap Hook Parachute "O" Ring
 • 1100 Kgs (100% Proof Load Tested)
 • Hot Forged Alloy Steel
 • Cadmium or Zinc
 • Meets to PIAH 7195



BKRE-H-05 (PS 22043)
Snap Hook Coiled Spring, Parachute, Quick Fit
 • 1140 Kgs (100% Proof Load Tested)
 • Hot Forged Alloy Steel
 • Cadmium or Zinc
 • Meets to PIAH 7195



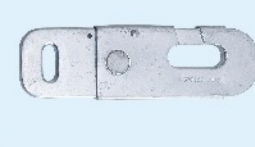
BKRE-H-13
Snap Hook Air Crew Para Chest Type
 • 1360 Kgs (100% Proof Load Tested)
 • Hot Forged Alloy Steel
 • Cadmium or Zinc
 • Meets to PIAH 7195



BKRE-H-06 (PS 70121)
Snap Hook Parachute type PTR. R
 • 2270 Kgs (100% Proof Load Tested)
 • Hot Forged Alloy Steel
 • Cadmium or Zinc
 • Meets to PIAH 7195



BKRE-H-14 (68D37721-3/101424)
Snap Hook Quick Ejector with Removable Pin
 • 1140 Kgs (100% Proof Load Tested)
 • Hot Forged Alloy Steel
 • Cadmium or Zinc
 • Meets to PIAH 7195



BKRE-H-07 (PS 70120)
Snap Hook Static Line
 • 1360 Kgs (100% Proof Load Tested)
 • Hot Forged Alloy Steel
 • Cadmium or Zinc
 • Meets to PIAH 7195



BKRE-H-15 (PS 22042)
Snap Hook Quick Ejector Long With Sliding Bar
 • 1140 Kgs (100% Proof Load Tested)
 • Hot Forged Alloy Steel
 • Cadmium or Zinc
 • Meets to PIAH 7195



BKRE-H-08 (PS 70099)
Quick Release Snap Hook Device
 • 700 Kgs (100% Proof Load Tested)
 • Hot Forged Alloy Steel
 • Cadmium or Zinc
 • Meets to PIAH 7195



BKRE-H-16
Snap Hook Quick Ejector Long With Sliding Bar
 • 1140 Kgs (100% Proof Load Tested)
 • Hot Forged Alloy Steel
 • Cadmium or Zinc
 • Meets to PIAH 7195



Canopy Release Assembly With Wire Loops



BKRE-CRA-01

Canopy Release Assembly with Wire Loop

- 2270 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-CRA-03 (60J4328)

Male Component for Canopy Release Assembly

- 2270 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-CRA-02 (100681)

Female Release Fitting Bar for Canopy Release Assembly

- 2270 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



SUB ASSEMBLY FOR CANOPY RELEASE ASSEMBLY



Buckles



BKRE-AB-01 (PS 22020)

Link, Parachute Harness Triangle

- 1140 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-AB-07

Connector 'D' Ring Air Crew Parachest Type

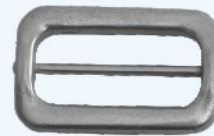
- 1500 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-AB-02 (11-1-485)

'D' Ring Wide Mouth

- 2270 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-AB-08

Liftwebspacer Air Crew Chest Type

- 1140 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-AB-03 (Ps22046)

Buckle 'D' Shaped

- 2270 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-AB-09

Circular Restraints "D" Ring

- 2270 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to EN 362 or ANSI Z 359.2



BKRE-AB-04

Buckle 'D' Angular

- 2270 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-AB-10

Ring Parachute Harness "D"

- 2270 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-AB-05 (PS 22014)

Adapter, Parachute, Harness Adjusting Strap

- 1140 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-AB-11

3 Ring Release System

- 350-400-1140 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-AB-06 (PS22045)

Ring Parachute Harness V

- 1140 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-AB-12 (PS 70123)

Accessory Ring

- 230 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195

Quick Release Box



BKRE-QRB-01

Inertia Proof Quick Release Fitting 4 Point

- 3000 LBS (100% Proof Load Tested)
- Hot Forged Aluminum Alloy
- Anodizing
- Meets to PIAH 7195



BKRE-QRB-02

Quick Release Box Chest Type

- 2000 LBS (100% Proof Load Tested)
- Hot Forged Aluminum Alloy
- Anodizing
- Meets to PIAH 7195

Cargo Hardwares



BKRE-CH-01

Triangular 'D' Ring for Cargo Parachute

- 2270 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-CH-03

O-Ring

- 15mm-20460 Kgs & 12mm -15320 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-CH-02

Sliding Bar Buckle

- 500 Kgs
- Stamped Sheet Metal Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-CH-04

Sliding Bar Buckle 47 mm

- 350 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195

Links



BKRE-L-01 (PS 22002)

Canopy Rigging Link DetaChable

- 1360 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-L-05

Quick Release Link

- 700 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-L-02 (PS 70118)

Link Connector, Seperable, Parachute

- 1360 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-L-06

Suspention Lug

- 1815 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-L-03

Ring Oval Adjuster

- 2270 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-L-07

D Ring Connector

- 1640 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to EN 362



BKRE-L-04 (PS 70108)

Link Solid for Harness

- 2270 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



BKRE-CH-08

Rapid Connector Link

- 910 Kgs (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Cadmium or Zinc
- Meets to PIAH 7195



Adjustable Buckles



BKRE-B-01 (PS 27765)

- Buckle 'V' Shape with Sliding Bar**
- 1140 Kgs (100% Proof Load Tested)
 - Hot Forged Alloy Steel
 - Cadmium or Zinc
 - Meets to PIAH 7195



BKRE-B-06 (PS 70116)

- Quick Release Connecting Lug Adjustable**
- 1140 Kgs (100% Proof Load Tested)
 - Hot Forged Alloy Steel
 - Cadmium or Zinc
 - Meets to PIAH 7195



BKRE-B-02 (PS 27765)

- Buckle 'V' Shape with Sliding Bar with Tensioner and Spring.**
- 1140 Kgs (100% Proof Load Tested)
 - Hot Forged Alloy Steel
 - Cadmium or Zinc
 - Meets to PIAH 7195



BKRE-B-07

- Holding Buckle**
- 400 Kgs (100% Proof Load Tested)
 - Hot Forged Alloy Steel
 - Cadmium or Zinc
 - Meets to PIAH 7195



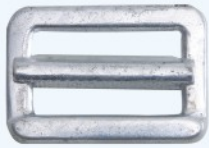
BKRE-B-03 (PS 70124)

- Adapter Parachute Harness, with Tensioner and Spring**
- 1140 Kgs (100% Proof Load Tested)
 - Hot Forged Alloy Steel
 - Cadmium or Zinc
 - Meets to PIAH 7195



BKRE-B-08 (59C381/101855)

- "V" Ring Quick Fit Bar**
- 1140 Kgs (100% Proof Load Tested)
 - Hot Forged Alloy Steel
 - Cadmium or Zinc
 - Meets to PIAH 7195



BKRE-B-04 (PS 22040)

- Buckle Waist Adjustable Adapter S.B Type**
- 1140 Kgs (100% Proof Load Tested)
 - Hot Forged Alloy Steel
 - Cadmium or Zinc
 - Meets to PIAH 7195



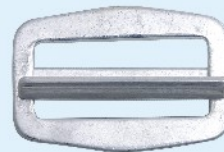
BKRE-B-09 (PS 70114)

- Quick Fit Reversannle Adapter**
- 230kg (100% Proof Load Tested)
 - Stamped Sheet Metal Alloy Steel
 - Cadmium or Zinc
 - Meets to PIAH 7195



BKRE-B-05 (PS 22007)

- Quick Adjustable Buckle Harness**
- 1720 Kgs (100% Proof Load Tested)
 - Hot Forged Alloy Steel
 - Cadmium or Zinc
 - Meets to PIAH 7195



BKRE-B-10 (PS 70101)

- Quick Fit Reversible Adaptor**
- 230kg (100% Proof Load Tested)
 - Stamped Sheet Metal Alloy Steel
 - Cadmium or Zinc
 - Meets to PIAH 7195

Parachute Fittings



BKRE-M-01

- Ripcord Handle**
- 150 Kgs (100% Proof Load Tested)
 - Stainless Steel
 - Natural
 - Meets to PIAH 7195



BKRE-M-03

- Disconnecter Lock with Buckle**
- 1400 Kgs (100% Proof Load Tested)
 - Hot Forged Alloy Steel
 - Cadmium or Zinc
 - Meets to PIAH 7195



BKRE-M-02

- Aluminum Quick Adjustable Buckle**
- Hot Forged Aluminum Alloy
 - Anodizing
 - Meets to PIAH 7195
 - 100% Tested



BKRE-M-04

- Aluminum Hook for Seat Belt**
- Hot Forged Aluminum Alloy
 - Anodizing
 - Meets to PIAH 7195
 - 100% Tested

**BKRE-M-05****Aluminum-Female Buckle for safety Belt**

- Hot Forged Aluminum Alloy
- Anodizing
- Meets to PIAH 7195
- (100% Proof Load Tested)

**BKRE-M-10****Quick Release Connecting Lug male**

- Stainless Steel Forging
- Natural Finish
- Meets to PIAH 7195
- (100% Proof Load Tested)

**BKRE-M-06****Aluminum-Male Buckle for Seat Belt**

- Hot Forged Aluminum Alloy
- Anodizing
- Meets to PIAH 7195
- (100% Proof Load Tested)

**BKRE-M-11****Fastener, Parachute Pack**

- Brass Sheet
- Nickle
- Meets to PIAH 7195
- (100% Proof Load Tested)

**BKRE-M-07****Plate Attachment Kap Instrument**

- Stainless Steel
- Natural Finish
- Meets to PIAH 7195
- (100% Proof Load Tested)

**BKRE-M-12****Cone-Releasing, Parachute Pack**

- Hot Forged Brass
- Nickle
- Meets to PIAH 7195
- (100% Proof Load Tested)

**BKRE-M-08****Housing Rip Cord**

- Stainless Steel
- Natural Finish
- Meets to PIAH 7195
- (100% Proof Load Tested)

**BKRE-M-13****Grommet With Washer**

- 13.5, 14, 15, 15.5, 21, 27, 30 & 40mm
- Stainless Steel Sheet / Brass Sheet
- Natural Finish / Nickle
- Meets to PIAH 7195
- (100% Proof Load Tested)

**BKRE-M-09****Rip Cord Handle**

- 150 Kgs (100% Proof Load Tested)
- Stainless Steel
- Natural Finish
- Meets to PIAH 7195

**BKRE-M-14****Bronze Fixed Ball**

- Hot Forged Bronze
- 300 Kg
- Nickle
- (100% Proof Load Tested)

Safety Hardware

**BKRE-S-01****Karabiner**

- 23 KN (100% Proof Load Tested)
- Aluminum
- Zinc
- Meets to EN 362 or ANSI Z 359.2

**BKRE-S-04****'D' Ring**

- 23 KN (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Nickle
- Meets to EN 362 or ANSI Z 359.2

**BKRE-S-02****Scaffold Hook**

- 23 KN (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Nickle
- Meets to EN 362 or ANSI Z 359.2

**BKRE-S-05****Adjustable Buckle**

- 17 KN (100% Proof Load Tested)
- Stamped Sheet Metal Alloy Steel
- Nickle
- Meets to EN 362 or ANSI Z 359.2

**BKRE-S-03****Hook Small**

- 23 KN (100% Proof Load Tested)
- Hot Forged Alloy Steel
- Nickle
- Meets to EN 362 or ANSI Z 359.2

**BKRE-S-06****Buckle Frame**

- 17 KN (100% Proof Load Tested)
- Stamped Sheet Metal Alloy Steel
- Nickle
- Meets to EN 362 or ANSI Z 359.2



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