

## QUICK RELEASE COUPLING



### Introduction:-

**AK Industries** Quick release couplings are used for connecting and disconnecting various fluid lines. It can operate simply by one hand push action without twisting or wrenching. Automatic locking during disconnection minimizes fluid loss.

### Features:-

- Double shut off couplings are used when positive shut off of both ends of pressurized lines is required.
- Single shut off are used where only automatic shut off of socket end is required.
- Straight through coupling is used for maximum flow and without automatic shut off.
- Size: 1/8" to 4".
- Pressures : Vacuum to 150 PSI (350 kg/cm<sup>2</sup>)

### Construction:-

- Material: MS Chrome Plated SS and Brass.

## CAMLOCK COUPLINGS



### Introduction:-

**AKI** cam lock is in fact, a means of quick engaging or disengaging a hose connection from a system requiring transfer of fluid or gas. It consists of a COUPLER with cam arms and a slip in ADAPTOR. In order to connect the Arm of the coupler need to be lifted and the adaptor slipped into the coupler. handle are then pressed down with normal hand pressure for a leak proof connection.

### Type:-

The coupler & Adaptors are available in different configurations:-

- i) With male and female threads (BSP, BSPT, or NPT)
- ii) With hose shanks
- iii) With flanges or weld ends.

N.B. Dust plugs & caps are also available against specific order.

### Features:-

1. BODY MATERIALS : a. BAR STOCKS b. CASTING  
Mild Steels / Brass / S.S. 304 / S.S. 316  
Carbon Steel / Gun Metal / S.S. 304 / S.S. 316
2. SEALING : Nitrite / Vinton / Neoprene / Silicon / Teflon / Hypalon
3. SIZES : From 3/4" to 4"  
Higher sizes on special orders

## EASY QUICK RELEASE COUPLING/ PIPE COUPLING



AKI - E-QRC  
1/4"OD X 1/4"NPT CONNECTION



EASY QUICK RELEASE COUPLING - AKI  
COUPLER AND ADAPTOR



AKI - EQRC - BULKHEAD TYPE -  
1/8"OD X 1/4" NPT CONNECTION - ASSEMBLED



AKI-EQRC- ADAPTOR & VARIOUS COUPLERS

### Intro:-

AKI HAS INTRODUCED ONE OF THE BEST QRC FOR EASY USE AND COMPACT FUCTIONING. THIS QRC IS NAMED AS EASY QRC BECAUSE IT IS EASLY OPERATED WITH SINGLE PUSH BUTTON. PRESSING THE BUTTON CAUSES DISCONNECTION BETWEEN TO ACTIVE CONNECTION WITH ZERO PERCENT LEAKAGE. THIS E-QRC WAS INVENTED BY AKI IN YEAR 2007.

### Technical:-

WORKING PRESSURE: 1 KG/CM2 – 10KG/CM2  
TESTING PRESSURE: 25 KG/CM2  
TEMPERATURE: 150 DEGREE CELCIUS

### Sizes :-

1/8"OD X 1/8" (BOTH SIDE TUBING CONNECTION)  
1/4" OD X 1/4"OD (BOTH SIDE TUBING CONNECTION)  
1/8" NPT X 1/8" NPT (TREADS AS PER CUSTOMER BSP, BSPT, NPT, HOSE CONNECTION)  
1/4" NPT X 1/4" NPT (THREAD AS PER CUSTOMER BSP, BSPT, NPT, HOSE CONNECTION)  
WE ALSO MAKE CUSTOM E-QRC ACCORDING TO THE CUSTOMER NEEDS.