

# **UNITREAD**

## Hydraulic Quick Couplings

### **FOR PLASTIC INJECTION MOULDING**

#### **WHY?**

#### **BENEFITS!!**

#### **FEATURES!!**

- **WHY ?**

Fast and simple mould changing is vital to the efficient operation of many injection moulding installations. After operators have reduced mould changeover times by, for example, using quick release mould connectors, installing multi coupling plates.

There are two main technologies used for mould clamping, manual (mechanical) and hydraulic.

For larger moulding machines, of Higher tonne capacity, manual mechanical systems are not suitable being unable to withstand opening forces (assumed as 10% of machine capacity) of much above 25 tonne. For these applications the ultimate choice is UNITREAD Hydraulic Quick Couplings - Moulding Series.

With UNITREAD Hydraulic Quick Couplings you can immensely boost the productivity of your injection moulding operations by utilizing easy to install and efficient to use QRC. With our many years of expertise our advanced Moulding Series Couplings not only reduce mould change times, but also dramatically increase workshop safety, cleanliness, and worker productivity.





- **BENEFITS**

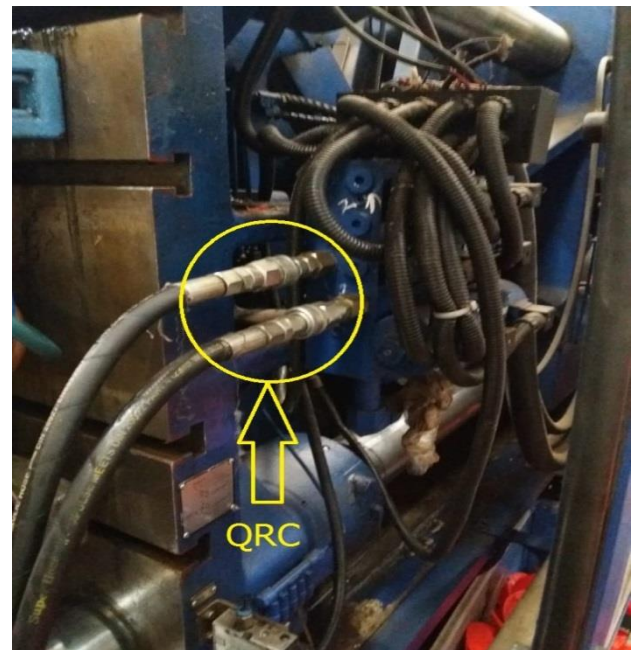
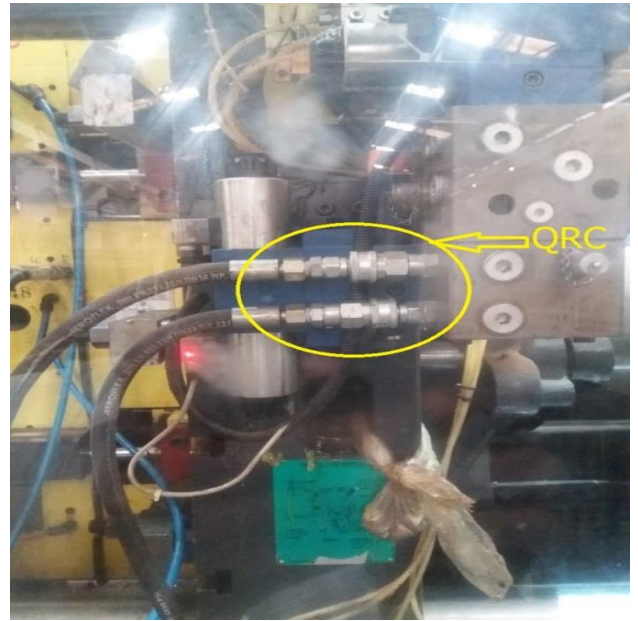
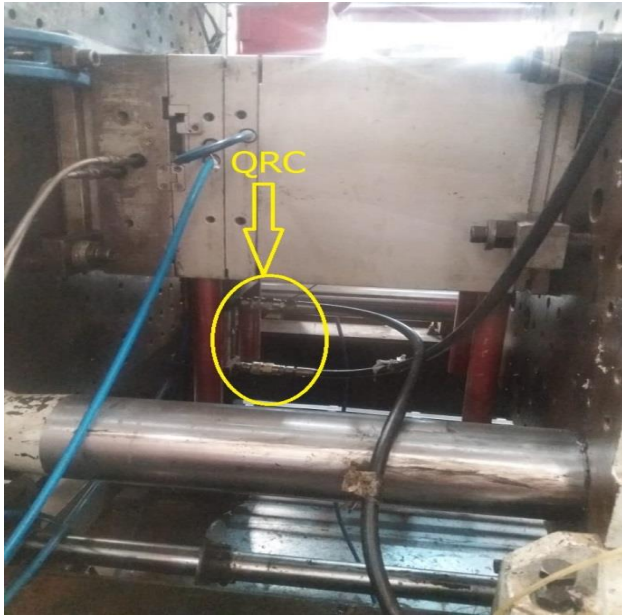
- Ease of Connection and Disconnection by Hand.
- Zero Leakage with No Spillage.
- High Working Pressure of 1000 Bar.
- Large Flow Capacity with Low Pressure Drops.
- Worldwide Interchangability.
- Highest Safety designed and tested for up to 4 times the working parameters.
- Out performs all ISO Test requirements by huge margins.
- High Reliability for repetitive operations.
- Saves time, money, space with Improved Productivity.
- Very Importantly Saves Oil and Maintenance Cost.



- **FEATURES**

<b>PERTICULARS</b>	<b>ISO A</b>	<b>FLAT FACE</b>
<b>Sizes</b>	1/4" To 2"	1/4" To 1 "
<b>Thread Type</b>	BSP / NPT	BSP / NPT
<b>Material</b>	Carbon Steel / Stainless Steel	Carbon Steel / Stainless Steel
<b>Operating Pressure</b>	Up to 315 BAR	Up to 315 BAR
<b>Burst Pressure</b>	Up to 1200 BAR	Up to 1200 BAR
<b>Flow</b>	14 LPM To 800 LPM	14 LPM To 160 LPM
<b>Surface Treatment</b>	Zinc Plating With CR III Based Passivation	Zinc Nickel Plating
<b>Seal</b>	NBR	NBR
<b>Temperature Range</b>	-30°C TO 100°	-30°C TO 100°
<b>IMAGE</b>		

## Applications of Quick Release Couplings in Injection Moulding Machines:-



**UNITREAD**  
Hydraulic Quick Couplings

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