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Quick release couplings are devices that permit easy and immediate connections for the separation of fluids and pneumatic valves. When these valves are installed in a system the quick coupling property saves time. Whenever accessories are being replaced they are recharged with fluid and pure entrapped air. When these quick couplings are installed in a system it saves time by minimizing the necessary close valves. Quick couplings are widely used for industrial, process, farm and military applications. They are also used in aerospace applications as well.

They are used in system to help align components and there are several other features that also help in preventing the twisting of hoses. These Quick release coupling are not supposed to be used at joints and applications and these are subjected to constant rotation. The trusted coupling has a high reputation of snap lock brand name that offers additional features for the groove couplings. These couplings are straight through and has leak proof cam and has groove coupling connections as well.

If you consider the case of Quick Release Couplings then no tools are required to connect them. These couplings are available in Aluminum, Brass and stainless steel materials. They are available in Polyglass materials as well. The branded products are made from their own tools. There are special threads that are available for the couplings. These couplings can hold pressure limits up to 250 PSI. There is a need for material certification that is kept aside for steel and groove couplings as well. These couplings are mainly used for pipes, hoses, tubingâ€™s and tanks. They are also used for gases that include cooling water, fuels and chemicals as well.

The chemical resistance and light weight properties of these Quick Release Couplings are combined with the stainless steel moving parts that makes these cam and groove coupling as one of the most cost effective solution. There is no need of any particular type of tool to fix up these couplings. These couplings can be used for offshore pumps and adhesives.

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