



Powering Business Worldwide

Quick Couplings for Cooling Applications



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For many years and thanks to its **HANSEN** and **COUPLEURS GROMELLE** brands, **TUTHILL** has been offering some quick couplings series for cooling applications. Thanks to its experience and know-how, **TUTHILL** provides recognized technical solutions to his customers confronted with increasing technical and environmental constraints. **TUTHILL** has got two production plants of quick couplings – one in the USA, the other in France –, facilities all over the World and an expanded distribution network which allows us to be close to our customers worldwide.



DB Series

Our DB Series is designed for fluid handling where minimum spillage and minimum air inclusion are required. Made of 316L stainless steel, they are suitable for use mainly in chemical but also cooling applications. Body sizes go from 1/4" to 1". This series is designed for applications using working pressures up to 190 bar / 2,800 psi and is available in a wide range of seal materials such as FKM, EPDM, FFKM.



HK Series – STAINLESS STEEL & BRASS

Our HK Series is designed for general purpose transfer service mainly in chemical but also cooling applications. It is available in sizes from 1/8" to 2"1/2, in brass, AISI 303 & AISI 316 stainless steels. It meets ISO 7241-1 Series B standard requirements and is available in a wide range of seal materials such as PTFE, FKM, EPDM, CR and FFKM. Working pressures are up to 345 bar / 5,000 psi. Many options such as the safety sleeve lock, one-way shut-off or straight-thru design, release clamp with chain, etc. are available



L-7000 Series – STAINLESS STEEL & BRASS NICKEL-PLATED

Our L-7000 Series is a rugged-construction range of full-flow couplings. Available in stainless steel and nickel-plated brass, it is suitable for many varieties of fluids. Working pressures are up to 300 bar / 4,350 psi, depending on size and materials. It is a pull-to-connect coupling (connection is complete after pulling back the release sleeve).

The L-7000 series is available with female end connections and BSPP threads, from 1/8" to 2".



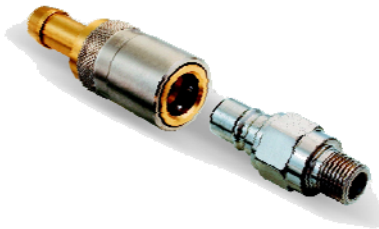
ST Series – STAINLESS STEEL & BRASS

Our straight-through coupling series is designed for use where minimum pressure drop is required and valving is not needed. The manually operated design is ideal for use on many fluid transfer systems. Featuring a ball lock design, the smooth bore permits free flow of gas or liquid. Both male and female NPTF, BSPP and hose stem connections are available. Additional options include sleeve lock, five seal options, dust caps and dust plugs.



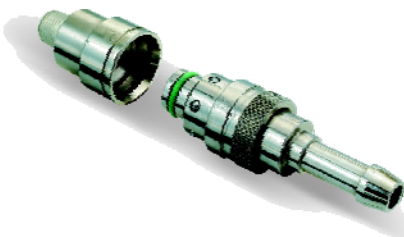
J-50000 Series

Our J-50000 series is ideal for applications causing vibrations and oscillations, such as the injection molding industry. Its flat face design minimizes spillage during disconnections and limits inclusion of air into the circuit during connections. It's double-sealed when connected. Working pressures are up to 50 bar / 725 psi and flow capacity is excellent. Connection is complete after pulling back the release sleeve. Our J-50000 series is available in 6 & 9 mm with 1/4" and 3/8" BSPP female or male-end connections.



J-60000 Series

Our J-60000 series is designed for applications requiring cooling or heat regulation, particularly in the injection molding industry. It is compatible with other makes of couplings of the same design. Available with single or double shut-off, the design and rugged materials used make it a long-lasting and reliable coupling. Working pressures are up to 16 bar / 232 psi and flow capacity is excellent. Connection is complete after pulling back the release sleeve. Available in 6 & 9 mm sizes with female, male or hose-tail end connections.



J-70000 Series

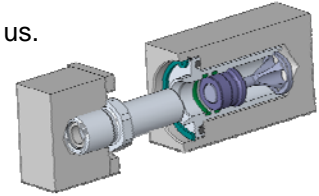
Our J-70000 series is designed for applications requiring cooling or heat regulation in the injection molding industry. It is compatible with other makes of couplings of the same design. This full-flow series is a rugged and durable coupling. Working pressures are up to 10 bar / 145 psi. The socket design allows the coupling to fit perfectly into the molds. Different circuits are easily identified by means of colored rings. Connection is complete after pulling back the release sleeve. Our J-70000 series is available in 8 & 12 mm with female, male or hose-tail end connections.



Specific quick couplings

TUTHILL is specialized in developing made-to-measure couplings and can offer multi-couplings solutions. TUTHILL is ISO 9001-certified and works with various international Standards such as the PED European Directive.

Whatever your applications or needs are, please contact us.



... In addition to all the series listed in this document, we offer many more **HYDRAULIC** or **COMPRESSED AIR** coupling solutions to meet a wide variety of fluid transfer requirements & technical constraints.



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