



New GSH™ & GSP™ No-Skive Couplings

Innovative solutions for high-pressure,
high-impulse hydraulic applications.



GSH™ & GSP™ Couplings – World-class performance, lower costs.

Gates introduces GlobalSpiral™ High™ (GSH) and GlobalSpiral Plus™ (GSP) no-skive couplings for heavy-duty hydraulic applications in mining, construction, drilling and other high-pressure, high-impulse industrial applications.

These couplings are an extension of Gates GlobalSpiral coupling line. They have been reengineered to handle pressures up to 6,000 psi for -24 (1-1/2") and -32 (2") I.D. hose operating in the toughest working environments.

Couplings are tested to 1,000,000 impulse cycles, double the SAE standard of 500,000 impulse cycles. TuffCoat™ plating provides more than four times better corrosion resistance than the SAE ASTM B117 specification.

GSH and GSP couplings are available in over 30 thread configurations including SAE, DIN, BSP, Komatsu-style, JIS and CAT flange.

Fast, Clean & Easy

No skiving is required with GSH and GSP couplings. This saves time, labor, equipment and assembly errors. And the shop area stays clean and odor free. The result is premium quality assemblies and lower costs.

GSH Couplings

The GSH coupling is a one-piece connector that replaces Gates line of Power Crimp Max (PCM) couplings. It is designed for crimping with Gates -24 and -32 EFG5K and EFG6K 6-spiral hose.

GSP Couplings

The GSP coupling is a two-piece design with separate stem and ferrule that replaces Gates line of Power Crimp Spiral (PCS) couplings. It is designed for crimping with Gates -24 and -32 EFG3K 4-spiral hose. In addition, GSP couplings can also be used on 1- and 2-wire braided hose replacing Power Crimp (PC) couplings for all -24 and -32 hose applications.

Factory-Quality Crimping

Fabricating GSH and GSP assemblies is foolproof, fast and easy using Gates GC™ 32-XD global hose crimper. This state-of-the-art machine can crimp every hydraulic hose and coupling available from Gates – anywhere in the world.

Gates versatile Power Crimp 3000B and OmniCrimp® 21 crimpers can also fabricate GSH and GSP hose assemblies.

Inventory Consolidation

GlobalSpiral no-skive couplings, including the new GSH and GSP couplings, are specially designed for Gates EnviroFluid™ spiral-wire hydraulic hoses. That means reduced stock, more efficient inventory management, simpler assembly component choices and lower costs. It's easier and more cost-effective than ever to meet all end-user hydraulic hose assembly needs.

WARNING: GSH couplings are specifically engineered to crimp on Gates EnviroFluid 6-spiral hose. Do not "mix and match" old products (PCM couplings) with new products (EFG5K and EFG6K hose). GSP couplings are compatible with both EnviroFluid and Neoprene 4-spiral hose. Do not use old PCS couplings with new EnviroFluid hose.



For more information on Gates GSH and GSP couplings or our entire line of hydraulic products, contact Gates Customer Service or visit www.gates.com/hydraulics.

Gates Customer Service:

03 9797 9688

Gates Product Application:

03 9797 9666

Warning

All hydraulic hose assemblies have a limited life on a given application. Assuming the correct hose has been selected, this service life can be adversely affected by factors including external abuse, excessive pressures, high temperatures, misapplication and internal abrasion. Should a hose assembly fail during use, serious injury or destruction of property could result from propelled couplings, whipping hose, high pressure or high velocity discharge, chemical contact, high temperature materials, explosion or fire. Contact Gates Product Application or email gatestech@gates.com for assistance and hose recommendations on specific applications and any acid-chemical application above +52°C (+125°F).

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.



**The World's Most Trusted Name
in Belts, Hose and Hydraulics.**

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