

FEM Series

Non-Spill Hydraulic Quick Couplings



Replacement Non-Spill Quick Couplings For Skid Steer Loaders

FEM Series couplings are designed to meet the stringent design and pressure requirements of ISO 16028. The flush face valving eliminates hydraulic spillage and air inclusion when connecting or disconnecting.

See other side for cross reference replacement guide for skid steer loaders.

Caterpillar, Bobcat, Case New Holland, Gehl/Mustang, Volvo, Thomas Equipment, John Deere, ASV, and more.



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- Designed for use with construction, utility and agricultural equipment.
- Meets or exceeds the design and testing requirements of ISO 16028 standard.
- Flush-face design eliminates hydraulic spillage and air inclusion when connecting or disconnecting.
- ISO 16028 interface permits global interchangeability.
- Push-to-connect function for ease of use.
- Steel body material with trivalent zinc plating.
- Blow-out resistant nipple seal.



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Flush-Face Quick Couplings for Skid Steer Loaders and Attachments

To Use This Chart: Find the manufacturer in the left column. Locate the appropriate model number to the right. At the top of that column is the correct replacement coupling for your model. Visually inspect the thread port option to verify that it closely matches yours. Manufacturers routinely make changes during a model year, so a visual inspection is very important.

This chart is a reference tool only, and does not guarantee a proper fit on a specified model.

FEM Series Non-Spill Couplings	FEM-501-10BMF-NL FEM-502-10BMF Bulkhead; 5/8" flare fitting	FEM-501-10FO-NL FEM-502-10FO Female O-ring boss; 7/8-14 UNF thread	FEM-501-10BMS-NL FEM-502-10BMS Bulkhead; 5/8" O-ring face seal	FEM-501-12FO-NL FEM-502-12FO Female O-ring boss; 1 1/16-12 UNF thread	FEM-501-8FP-NL FEM-502-8FP Female pipe; 1/2-14 NPSF thread
Skid Steer Manufacturer					
Bobcat (2001 or Older)	1 463, 553 753, 763			1 773, 863 873, 963	
Caterpillar	2 216B, 226B, 232B, 236B 242B, 246B, 248B 252B, 262B, 268B	2 216B, 226B, 232B, 236B 242B, 246B, 248B 252B, 262B, 268B			
John Deere		317, 320		325, 328, 332	
New Holland	3 LS140, LS150, LS160 LS170, LS180 LS185, LS190	3 LS140, LS150, LS160 LS170, LS180 LS185, LS190			
Case (2001 or Newer)	3,6 410, 420, 430 435, 440, 445 450, 465	3,6 410, 420, 430 435, 440, 445 450, 465			
Gehl/ Mustang	4 4640, 4840 5640, 6640			4 4640, 4840 5640, 6640	
Volvo		MC60, MC70 MC80		MC90, MC110	
Thomas Equipment		85, 105, 137 153, 175, 205 250, 255, 320		85, 105, 137 153, 175, 205 250, 255, 320	
ASV		RC50, RC60 RC85		RC100	
Attachments		5 All Skid Steer Attachments		5 All Skid Steer Attachments	5 All Skid Steer Attachments

Note: This chart lists 1/2" body size couplings that have the same interface design used on all Skid Steer models. Only the port connections are different. Some manufacturers may offer a high flow option that could utilize a 3/4" coupler and nipple. Common 3/4" Parker part numbers are FEM-751-12FO-NL and FEM-752-12FO.



- NOTES:**
- 1 Bobcat 2001 or older models use these styles. Newer Bobcat units will use a cartridge version not available from Parker.
 - 2 Caterpillar models will use either a 10FO or 10BMS unit. You can purchase a 10FO and put an adapter in it to create a 10BMS.
 - 3 Case or New Holland Models 2000 to 2003 will use the 10FO port thread. CNH models 2004 or newer will use the 10BMF connection.

- 4 Gehl 2004 or older models use the 12FO port thread. 2005 or newer models use the 10BMF part number.
- 5 Most Skid Steer manufacturers use the 10FO, 12FO or 8FP configuration. The 8FP port option is the most popular connection for attachments.
- 6 Case Models 2000 or older use an FF Series interchange. FF is not interchangeable with FEM Series, but available through Parker.

The new Generation couplings on skid steer loaders are referred to as non-spill or flush face couplings, and are designed to produce zero spillage upon disconnect. These couplings are very common in the construction and rental market. They are found

on several types of equipment including mini-excavators, front-end loaders and of course skid steers. On newer models in the industry, the different flush face couplings are interchangeable to an industry standard (ISO 16028).



Don't Forget to Replace Your Dust Plugs and Caps Too.

Bulletin 3800-Skid Steer Chart - 5M GRA/AP 03.08