

Non-Spill Hydraulic Quick Couplings - FEM Series

FEM Series Couplers

FEM Series couplings meet or exceed ISO 16028 design and performance requirements. The flush valves eliminate spillage and air inclusion when connecting and disconnecting. Coupler and nipple bodies have a modular design with increased flexibility for end port options.



Features

- Flush, non-spill valving
- Global interchangeability with other ISO 16028 compliant couplings
- Hardened steel sleeves and nipple bodies
- Standard -NL is non-locking sleeve. Sleeve lock option is available on request.
- Connect-under-pressure FEC nipple option
- Protective zinc plating with clear trivalent chromate finish

Materials of Construction

- Body: Steel
- Finish: Zinc with clear trivalent chromate
- Valve: Flush face valving
- Seal: Polyurethane and Nitrile

Applications include:

- Skid loader attachments
- Hydraulic tools

FEM Series Couplers



Part Number	Body Size	Port End	Suggested List Price
IHYFEM-371-6FP-NL	3/8	3/8-18 NPTF	92.34
IHYFEM-501-10FO-NL	1/2	7/8-14 UNF	85.30
IHYFEM-501-12FO-NL	1/2	1-1/16-12 UNF	102.25
IHYFEM-501-8FP-NL	1/2	1/2-14 NPTF	96.73

FEM Series Nipples



Part Number	Body Size	Port End	Suggested List Price
IHYFEM-372-6FP	3/8	3/8-18 NPTF	51.40
IHYFEM-502-10FO	1/2	7/8-14 UNF	51.14
IHYFEM-502-12FO	1/2	1-1/16-12 UN	54.32
IHYFEM-502-8FP	1/2	1/2-14 NPTF	54.38

FEM Series Couplers (Bulkhead)

Part Number	Body Size	Port End	Suggested List Price
IHYFEM-501-10BMF-NL	1/2	7/8-14 UNF	93.74



FEM Series Nipples (Bulkhead)

Part Number	Body Size	Port End	Suggested List Price
IHYFEM-502-10BMF	1/2	7/8-14 UNF	55.84



See Cross Reference Replacement Guide on next page

Please contact our Sales Department or your Regional Parts Manager for more information.

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Flush-Face Quick Couplings for Skid Steer Loaders and Attachments

CROSS REFERENCE REPLACEMENT GUIDE

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		
Tomcat Equipment		85, 105, 137 153, 175, 205 250, 255, 320	85, 105, 137 153, 175, 205 250, 255, 320		
SV		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).

Flush Face Non-Spill Hydraulic Couplings - FF Series

FF Series couplings eliminate spillage and air inclusion when connecting and disconnecting. The sleeve locking mechanism prevents accidental disconnection. 3/8" body size complies with Hydraulic Tool Manufacturers Association standards.

Features

- Push-to-connect design
- Flush face, non-spill valving
- Hardened steel sleeves and nipple bodies
- Standard locking sleeve
- Blow-out resistant seal
- Protective trivalent zinc plating with clear trivalent chromate finish
- Compatible with Phosphate Ester fluids

Applications include:

- Hydraulic tools and test benches
- Hydraulic lines and connections
- Instrumentation calibration connections
- Lubrication systems (drums to oil and grease lines)



FF Series Couplers



Part Number	Body Size	Port End	Suggested List Price
IHYFF-371-6FP	3/8	3/8-18 NPSF	124.98
IHYFF-371-8FP	3/8	1/2-14 NPSF	140.89
IHYFF-501-10FO	1/2	7/8-14 UNF	204.49
IHYFF-501-8FP	1/2	1/2-14 NPSF	199.50
IHYFF-751-12FO	3/4	1 1/16-12 UNF	397.25
IHYFF-751-12FP	3/4	3/4-14 NPSF	324.96
IHYFF-1001-16FP	1	1-11 1/2 NPSF	384.01

FF Series Nipples



Part Number	Body Size	Port End	Suggested List Price
IHYFF-372-6FP	3/8	3/8-18 NPSF	54.33
IHYFF-372-8FP	3/8	1/2-14 NPSF	59.45
IHYFF-502-10FO	1/2	7/8-14 UNF	116.01
IHYFF-502-8FP	1/2	1/2-14 NPSF	87.70
IHYFF-752-12FO	3/4	1 1/16-12 UNF	291.58
IHYFF-752-12FP	3/4	3/4-14 NPSF	277.93
IHYFF-1002-16FP	1	1-11 1/2 NPSF	209.44