The DP Series of Multi-Coupling Plates allows the simultaneous coupling and uncoupling of two to six hydraulic and/or electrical lines with a single simple movement requiring very little force. The circuit lines can all have the same nominal coupler diameter as well as different

nominal coupler diameter as well as different media. A dust cap is supplied, and options include an electrical connector for low voltage requirements and a parking station.

Instructions & Parking Stations – page 67



OR	DER	CO	DES

42	02	08	08	01	С	27
SERIES NUMBER	NUMBER OF COUPLINGS	SIZE OF COUPLER	PORT SIZE	THREAD	SUFFIX	OPTIONAL NUMBER OF ELECTRICAL CONNECTIONS
31 = DP2-9ZN 32 = DP4-9ZN 41 = DP2-13ZN 42 = DP4-13ZN	01# OF COUPLINGS 02# OF COUPLINGS 03# OF COUPLINGS ETC.	06 = 3/8 08 = 1/2 12 = 3/4 16 = 1 20 = 1 1/4 24 = 1 1/2	06 = 3/8 08 = 1/2 12 = 3/4 16 = 1 20 = 1 1/4 24 = 1 1/2	01 = NPT 04 = SAE	FH = FIX HALF MH = MOBILE HALF C = COMPLETE	 17 1 ELECTRICAL CONNECTION 7 PRONGS 16 1 ELECTRICAL CONNECTION 6 PRONGS 27 2 ELECTRICAL CONNECTION 7 PRONGS

SERIES ORDER CODE PREFIX	COUPLER CODE # AND COUPLER SIZE MULTI-COUPLER PLATE SERIES MULTIPLE SIZE COUPLER	FAP 9 3/8	FAP 13 1/2	FAP 15 3/4	FAP 17 1	FAP 21 1 1/4	FAP 30 1 1/2
31	DP2-9ZN	2					
41	DP2-13ZN		2				
32	DP4-9ZN	4					
42	DP4-13ZN		4				
36	DPJ-3ZN	1	1				
61	DP2-15ZN			2			
63	DP6ADZN	2			4		
71	DP2-17ZN				2		
76	DP3GEZN			1	2		

The above list represents the most popular stock items. Standard plates offer a variety of hydraulic coupler and electrical connector combinations too broad to list in this catalog page. Use the Stucchi ordering code system to create a coupling plate configuration for your application or contact a Stucchi representative to discuss your application and a solution.

Notes: Plate capacities listed are the maximum number of couplers per plate. All plates can be made with fewer couplers. Electrical connectors can be added to any plate using 3/8 or 1/2 inch port spaces. Consult Stucchi USA for specific applications.

FEATURES

Size range: 3/8" thru 1" Port options: NPT, SAE, BSP Connect/disconnect up to 25 MPa/300 bar/3625 psi residual pressure Working pressure: 30-35 MPa/4350-5075 psi

- Simple to use, with single-motion connection
- Auto-lock design prevents accidental disconnection
- Min. of 2 to max. of 6 lines of the same nominal coupling size and different media

APPLICATIONS

Any application requiring leak-free connections with or without residual pressure of multiple couplings

- Harvesters, front-end loaders, snow removal, construction machinery, mining, drilling machinery
- Refrigeration equipment





DP PLATE SERIES TECHNICAL CHARACTERISTICS & INSTRUCTIONS



Cover Plate Heavy-Duty Metal Dust Cover for Fixed Half



Mobile Half Flat Face Couplers: Easy to Clean, No Leakage Guide Pins Eliminate Risk

of Misaligned Circuit

Electrical Connector Option Corrosion-Resistant Materials Patented Design

Parking Station

Cover Plate in Parking Station





Seal Extrusion Wide Range of Port Threads Available

Electrical Connector Options

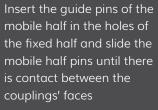
The Stucchi Solution to Connecting Multiple Couplings Simultaneously

- 1. Ergonomic lever for easy connect/disconnect with residual pressure
- 2. Patented coupling design to connect/disconnect multiple couplings with high residual pressure
- 3. Flat face couplers eliminate environmental issue of leakage
- 4. No risk of misalignment with guide pin design
- 5. Couplers mounted with snap rings for ease of installation or replacement
- 6. Fixed half male couplers interchangeable with ISO 16028 style flat face coupling
- 7. Electrical connector option for electronic control systems
- 8. Easily mounted on new equipment or retrofit on pre-existing system

To Connect



Step 1





Step 2 Acting on the handle, turn the lever downward in the direction of the fixed multicoupling half



Step 3 Continue to rotate until the safety lock automatically engages itself

WARNING

- Do not force the lever without pushing the red safety button

- Do not use extensions or other tools to ease the rotation of the lever
- Do not connect the fixed half with the mobile half if dirt or other material is between them

Parking Stations

ORDER CODE	DES
815606029	PARKING
815606039	PARKING
815606037	PARKING
815606041	PARKING



To Disconnect



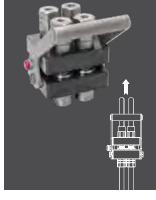
Step 4

Push the red safety button; at the same time, turn the lever of the handle in the direction of the mobile half of the multi-coupling in an upward motion



Step 5

Continue to rotate until the lever mechanically stops at approximately the 2 o'clock position



Step 6

Now the multi-coupling is uncoupled and it is possible to pull out the mobile half

- When the multi-coupling is disconnected, it is suggested to use the dust cover for the fixed half and the parking station for the mobile half

SCRIPTION

IG STATION DP2-9 IG STATION DP4-9 G STATION DP2-13 G STATION DP4-13

