



### The GRE Series of Multi-Coupling Plates

reduces downtime between production runs wherever pneumatic, oil, water, and electrical circuits are to be connected on production machines or test benches, etc. The GRE connects with little effort due to its superior guidance pin system, and since it only connects in one position, it prevents any connection error by inversion of circuits.



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### FEATURES

Size range: 3/8" thru 1/2"

Port options: NPT, SAE

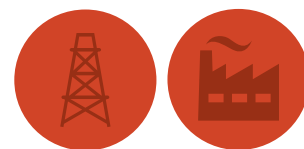
Connect/disconnect up to 2-3 bar residual pressure

- Simple to use, with single-motion connection
- Auto-lock design prevents accidental disconnection
- Min. of 4 to max. of 18 lines of the same diameter couplings and different media is standard
- Valve options: single shut-off, double shut-off

### APPLICATIONS

Low-pressure applications

- Flexible manufacturing requiring connection/disconnection of 4-18 water, air, oil and/or electrical lines
- Fast tool changes on injection molding, die cast equipment, die exchange, process control



### ORDER CODES

| 11  | 06   | 06                   | 06                   | 01                   | C   | VM   |
|---|--|----------------------|----------------------|----------------------|---|--|
| SERIES NUMBER   | NUMBER OF COUPLINGS  | SIZE OF COUPLER      | PORT SIZE            | THREAD               | SUFFIX  | INDICATION OF NO VALVES  |
| 11 = GRE6-9<br>12 = GRE12-9<br>13 = GRE18-9<br>21 = GRE6-12<br>22 = GRE12-12<br>23 = GRE18-12 | 01# OF COUPLINGS<br>02# OF COUPLINGS<br>03# OF COUPLINGS<br>ETC. | 06 = 3/8<br>08 = 1/2 | 06 = 3/8<br>08 = 1/2 | 01 = NPT<br>04 = SAE | FH = FIX HALF<br>MH = MOBILE HALF<br>C = COMPLETE | SUFFIX OPTION FOR NO VALVES ONLY<br>VM = NO VALVES MALES NIPPLES |

### MULTI-COUPLING PLATE SERIES OPTIONS: STANDARD STOCK PLATES







|          |  |
|----------|--|
| GRE6-9   | COMBINATION OF 3/8 INCH COUPLERS, UP TO 6 POSITIONS  |
| GRE12-9  | COMBINATION OF 3/8 INCH COUPLERS, UP TO 12 POSITIONS |
| GRE18-9  | COMBINATION OF 3/8 INCH COUPLERS, UP TO 18 POSITIONS |
| GRE6-12  | COMBINATION OF 1/2 INCH COUPLERS, UP TO 6 POSITIONS  |
| GRE12-12 | COMBINATION OF 1/2 INCH COUPLERS, UP TO 12 POSITIONS |
| GRE18-12 | COMBINATION OF 1/2 INCH COUPLERS, UP TO 18 POSITIONS |

### INSTRUCTIONS

|   | Mobile Half  | Fixed Half |
|---|--|------------|
|   | Locate the guide pins of the fixed half and the receiving port holes on the mobile half (half with the handle)   |            |
| 1 | Align and insert guide pins on fixed half into the mating port on the mobile half until pins are fully inserted.   |            |
| 2 | Handle needs to be in the 12 o'clock starting position. Engage red locking mechanism and raise handle to the 12 o'clock starting position. Fixed half guide pins and mating ports will engage further to the proper starting position. |            |
| 3 | Engage red locking mechanism on the handle and move handle in a downward direction from 12 o'clock towards the 7 o'clock position.   |            |
| 4 | Continue moving the handle until arriving at the 7 o'clock position. The handle will be locked in place once the locking pins are fully engaged and the mechanical click is heard.   |            |
| 5 | To disconnect, reverse the process: engage red locking mechanism and raise handle from 7 o'clock position to 12 o'clock position. Pull mobile half from fixed half pins.   |            |



### COMPONENT IDENTIFICATION

|   |   |
|---|---|
| MOBILE HALF   | FIXED HALF  |
|  <p>ergonomic lever for ease of connection</p> |  <p>guide pins eliminate risk of misaligned circuit</p> |
| DUST COVER FOR FIXED HALF   | FIXED HALF WITH DUST COVER  |
|    |   |
| MOBILE HALF PARKED IN PARKING STATION   | PARKING STATION   |
|    |   |

### The Stucchi Solution to Connecting Multiple Couplings Simultaneously for Low Pressure Circuits

1. Ergonomic lever for easy connect/disconnect with minimal effort
2. No risk of misalignment with guide pin design
3. Couplers mounted with snap rings for ease of installation or replacement
4. Easily mounted on new equipment or retrofit on pre-existing system

### ORDER CODES

#### Common Stock Items

| ORDER CODE    | DESCRIPTION            | NUMBER OF COUPLERS | COUPLER SIZE | THREAD SIZE |
|---------------|------------------------|--------------------|--------------|-------------|
| 110006060601C | GRE 6-9 (6) 3/8 NPT    | 6                  | 3/8          | 3/8         |
| 120012060601C | GRE 12-9 (12) 3/8 NPT  | 12                 | 3/8          | 3/8         |
| 130018060601C | GRE 18-9 (18) 3/8 NPT  | 18                 | 3/8          | 3/8         |
| 210006080801C | GRE 6-12 (6) 1/2 NPT   | 6                  | 1/2          | 1/2         |
| 220012080801C | GRE 12-12 (12) 1/2 NPT | 12                 | 1/2          | 1/2         |
| 230018080801C | GRE 18-12 (18) 1/2 NPT | 18                 | 1/2          | 1/2         |

The above list represents the most popular stock items. Standard plates offer a variety of Standard Coupler combinations too broad to list in this catalog. Use the Stucchi Ordering Code System to create a Coupling Plate configuration for your application or fill out and fax the custom plate form for non-standard configurations (available online).

#### GRE Series Replacement Couplers

| ORDER CODE | BODY SIZE | THREAD SIZE | THREAD TYPE | DESCRIPTION |
|------------|-----------|-------------|-------------|-------------|
| 802101000  | 3/8       | 3/8         | NPT         | F. CSF9BN   |
| 802101003  | 3/8       | 3/8         | NPT         | M. CSM9BN   |
| 802101004  | 1/2       | 1/2         | NPT         | F. CSF12BN  |
| 802101005  | 1/2       | 1/2         | NPT         | M. CSM12BN  |

#### Parking Stations

| ORDER CODE    | DESCRIPTION                 |
|---------------|-----------------------------|
| 815606033     | PARKING STATION             |
| 815606033PS06 | PARKING STATION 6 POSITION  |
| 815606033PS12 | PARKING STATION 12 POSITION |
| 815606033PS18 | PARKING STATION 18 POSITION |

#### Dust Covers

| ORDER CODE | DESCRIPTION                                      |
|------------|--|
| 81560609DC | FIXED PLATE DUST COVER FOR GRE 6 POSITION PLATE  |
| 81561212DC | FIXED PLATE DUST COVER FOR GRE 12 POSITION PLATE |
| 81561809DC | FIXED PLATE DUST COVER FOR GRE 18 POSITION PLATE |



Prices for plates and components available upon request

