



No. 240

Date: 14.12.2011

### Improved changeable combination MT5/MT5+

**General:**

In the previous design of the variable pins, the combination change was done by "breaking off" a portion of the pin that is equal to 1 step (0.45 mm). In the improved design, we have modified the size of the "breakable" portion to 2 steps (0.90 mm). This modification improves the functionality and reliability of this feature.

**Previous design - Discontinued**

Pins from this design are not approved to use

- 3 types of pins
- Allowing both 2 in 1 and 3 in 1 feature using the same pin.
- Combination change is done by "breaking off" a portion of the pin equal to 1 step (0.45 mm).
- 1 or 2 changes in one chamber.

### Improved design

#### 2-in-1 pins – Single Change

Pins catalog numbers

83301234	83301235	83301236
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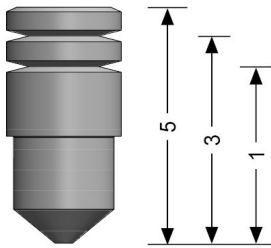
3-1
4-2
5-3

- 3 types of pins
- Allows 1 change using the same pin
- Combination change is done by "breaking off" a portion of the pin equal to 2 steps (0.90 mm)
- Change is done using 1 chamber



### 3-in-1 pin – Double Change

Pin catalog number  
83301310

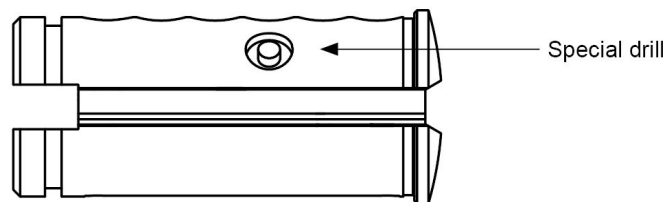


5 -3- 1

- 1 type of pin
- Allows up to 2 changes using the same pin
- Combination change is done by "breaking off" a portion of the pin equal to 2 steps (0.90 mm)
- Change is done using 1 chamber

### Cylinder plug

- Drill depth dimension was modified in order to accommodate the improved pin design.
- New production plugs (effective December 2011) can be used for 2-in-1 and 3-in-1.
- Old stock of plugs can be used only for 2-in-1 feature.



**Note:** No change has been done to cylinder bodies.