

## Full ID PMM Dart Assembly

Republic Oil Tools Tubing Full ID PMM Dart Assembly is dropped through the tubing to land inside a PMM Receiving Receptacle.

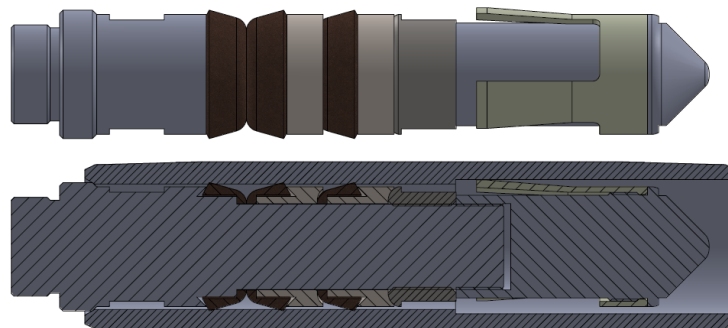
Typical applications include Permanent Magnet Motor ESPs.

In the PMM-ESP configuration, the PMM Dart is used as a positive barrier eliminating fluid from moving upwards or downwards through the receiving receptacle. This prevents taking a kick and subsequently stopping the ESP from spinning during workover operations. The Republic Oil Tools External Sleeve Drain should be deployed above the PMM receiving receptacle during Run In Hole.



### 2-7/8" Full Size PMM Dart

- API 11AX Locking Fingers
- 1026 CS Receptacle (Alternative metallurgies available upon request)
- 1" Sucker Rod Thread on Dart
- 2-7/8"-8RD EUE Pin x Pin Threads on Receptacle
- 11.9 in. Overall Receptacle Length
- 3.10 in. Receptacle Outside Diameter
- 2.29 in. Receptacle Inside Diameter



For more information on the Internal Sleeve Drain – Dart Assembly or alternative drain options, please contact your Republic Oil Tools representative or visit [www.republicoiltools.com](http://www.republicoiltools.com)