

# Gauge Mandrel



Qteq's Gauge Mandrel is assembled into the well completion string at a specific location to position permanently installed downhole gauges at the desired monitoring depth. The mandrel comprises a pocket welded to a short pup joint to protect the gauge during deployment. A slimhole version is available to support the running of 2-3/8" tubing in 4.5" 11.6 lb/ft casing.



## Features and Benefits

- Full-bore access ensures no hindrance or restrictions during well intervention.
- Gauge pockets tapered profile to limit hang-up risk.
- Gauge pocket protect the full length of the sensor and cable head
- Welded gauge pocket is NDT tested.
- Welded gauge mandrel is drifted post-welding to ensure no internal restriction.
- All components are manufactured by ISO and API accredited manufacturers.
- Corrosive resistant coatings available.

## Specifications

	Welded				Clamp			
<b>Size</b>	2.375"	2.875"	3.500"	Other	2.375"	2.875"	3.500"	Other
<b>Running OD</b>	3.705"	4.205"	4.830"	TBA	3.875"	4.450"	5.011"	TBA
<b>Length</b>	4' (longer upon request)				3.65' (shorter upon request)			
<b>Metallurgy</b>	J55, K55. Higher corrosion resistant metallurgies available upon request				Carbon Steel, 316 Stainless Steel			
<b>Connections</b>	EUE in stock, BTC and premium connections available upon request				N/A			
<b>Sensing Port</b>	External in stock, internal sensing upon request				External sensing only			
<b>Connection</b>	API-5CT				N/A			
<b>Certification</b>								
<b>Max Gauge OD</b>	0.88"				0.88"			
<b>Weld Certification</b>	NDT				N/A			
<b>Manufacturer Certification</b>	API-Q1, ISO 9001:2008				API-Q1, ISO 9001:2008			
<b>Optional Coatings</b>	Polyurea, Epinamel DTM985				N/A			
<b>Application</b>	Single Drop Gauges Only				Single Drop and Multi Drop Gauges			