

## DRUMLINE DL246781AB ELECTRODE



The Drumline DL246781AB is a direct replacement probe for the following OEM or aftermarket copies of the Delta Mobrey 246781AB super critical electrode.

<b>DELTA MOBREY (HYDRASTEP)</b>	<b>246781AB</b>	<b>OEM</b>
<b>PROBES PLUS</b>	<b>821-89-00</b>	<b>COPY</b>

Drumline Ltd is the world leading manufacturer of Direct Replacement Conductivity probes or electrodes. All probes are vacuum brazed, Helium leak tested, and Hydro tested to ensure that they meet our exacting standards. We use a high tolerance ZTA insulating ceramic to ensure long the correct electrical resistance. The brazed metal to ceramic joint is further protected by an ultra-tough gilding process. We use high-

quality stainless steel for all the metal parts of the probes, this gives the best combination of thermal expansion properties, brazing properties, toughness, and finish.

Drumline has used decades of experience in the conductivity probe industry to further refine the designs of its direct replacement conductivity probes. The DL246781AB uses knurled nuts that match the OEM part. An anti-vibration washer has also been incorporated to ensure a reliable probe cable connection. All probes are Helium leak tested after manufacturing; this ensures that every probe is free from even the most minute flaws created during the brazing process. We only use high-quality spiral wound stainless steel and graphite gaskets or high-quality stainless steel compression nuts to ensure a strong and reliable seal every time.

## TECHNICAL COMPARISON

*Technical comparison relates to the OEM part and the Drumline Ltd superior quality direct replacement part. All copies of the OEM part are intended as replacements for the OEM part and therefore only the below specifications are relevant.*

MANUFACTURER	OEM – DELTA MOBREY	DRUMLINE LTD
Part Number	246781AB	DL246871AB
Body Material	Stainless steel	Stainless steel
Insulator Material	Brazed ZTA	Brazed ZTA
Connection Method	Compression nut ½ inch	Compression nut ½ inch
Seal Type	Taper	Taper
Overall Length	131mm	131mm
Tip Diameter	12.45mm	11.8mm
Cable Connection	Knurled nuts	Thumb nut and spring washer
Maximum Temperature	560 Deg C / 1040 Deg F	560 Deg C / 1040 Deg F
Maximum Pressure	300 Bar / 4351 psi	300 Bar / 4351 psi
Warranty	1 years	1 years
Weight per Probe / Boxed	136g / 4.8 oz	
Boxed Dimensions	173 x 45 x 45mm / 6.75 x 1.75 x 1.75 inch	

The details contained in this document were correct at the time of publishing. All Drumline Ltd products are designed as 100% compatible direct replacements for the OEM part.