



Note 36

Dimensions as designed and as cast

The Cosworth DFV designer, Keith Duckworth, wrote about his 1970 cast cylinder heads (58 years after Daimler's 1st fabricated head):-

"...we sectioned a damaged head. There were supposed to be water passages on either side of the sparking plug [boss] but, in fact, there was solid metal all around it. Either the passages had been too small to cast or the foundry people had chosen to ignore them" (60).

The solution to improve cooling was to cut out the unwanted cast material and glue in plug access wells – a minor adoption of fabrication.
