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A The body I made from Aluminium probably T6, The circuit board is 2mm copper clad fibre glass, the arbour is mild steel, the hub from Engineering Nylon 6/6, the pins are 3mm silver steel, the balls are 5mm, the probe tip I made from a carbide burr, the spring is fairly light weight 0.65mm wire. Screws are 2mm self tappers, and 2.5mm or 8BA which is probably the size I used, others parts came from the scrap bin. The only part you have to be careful with is pressing the pins into the hub these must be square and @ 120 degrees or the tip will be off centre.			A
B If you find it nesasary you could machine the 30mm recess in the main body "say" 31mm and elongate the platern mounting holes, then add 4 centre adjustment screws arround the perifery as per a four jaw chuck. These drawings are produced from the Solidworks Models, however it should be noted that the models were created over a year after 1 made the actual prototype probe that these models / drawings are based on, consequently you should check all dimensions and relations. Any question or comments contact me shaun.wainford@ntlworld.com			В
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