**Tabel 1.** Spesifikasi Bubut Konfesional

|  |  |
| --- | --- |
| **Item** | **Spesifikasi** |
| Jenis Mesin | Mesin Bubut Konfensional |
| Type | SAN YUEN SY-GF |
| Kecepatan Max Spindel | 3500 RPM |
| Kec. Pemakanan Otomatis | (Z) 8 m/sekon, (X) 6 m/menit |
| Spindle Bore | 60 mm |
| Max Turning Diameter | 170 mm (dapat disesuaikan dengan kebutuhan) |
| Max Turning Length | 400 (dapat disesuaikan dengan kebutuhan) |
| Motor Power | 4 KW |

**Tabel 2.** Hasil Pengujian Kekasaran Permukaan potong pembubutan

|  |  |  |  |
| --- | --- | --- | --- |
| **No. Spc** | **Jenis Pahat Potong** | **Kec. Spindel (*Rpm*)** | **Nilai Kekasaran SRT (*µm*)** |
| 1. | HSS | 500 | 7,690 |
| 2. | HSS | 800 | 4,573 |
| 3. | HSS | 1200 | 1,627 |
| 4. | Karbida | 500 | 5,972 |
| 5. | Karbida | 800 | 2,856 |
| 6. | Karbida | 1200 | 1,271 |