



Surface treatment: Electropolishing
 Trattamento superficiale: elettropolitura
 enichelatura leggera

Termal treatment: Baking at 435° for
 100 hours in argon atmosphere

Trattamento termico: Riscaldamento a 435°
 per 100 ore in atmosfera di argon

| length (mm) | reference width (mm) | 25 full blade (mm) | 25.1 3/4 blade (mm) | 25.2 1/2 blade (mm) | 25.3 1/4 blade (mm) |
|-------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|
| 0.00 | 36 | 40.00 | 30.00 | 20.00 | 10.00 |
| 27.26 | 36.28 | 40.31 | 30-33 | 20.15 | 10.07 |
| 54.52 | 35.63 | 39.58 | 29.69 | 19.79 | 9.89 |
| 81.78 | 34.06 | 37.84 | 28.38 | 18.92 | 9.46 |
| 109.04 | 31.62 | 35.13 | 26.35 | 17.56 | 8.78 |
| 136.30 | 28.38 | 31.53 | 23.65 | 15.76 | 7.88 |
| 163.56 | 24.44 | 27.15 | 20.36 | 13.57 | 6.78 |
| 190.82 | 19.91 | 22.12 | 16.59 | 11.06 | 5.53 |
| 218.08 | 14.92 | 16.57 | 12.43 | 8.28 | 4.14 |
| 245.34 | 9.61 | 10.67 | 8.01 | 5.33 | 2.67 |

| ref. | note | date | signature | | | | |
|---------------|-------------|---------------------|-----------|------|--------|---------------------|-------|
| modifications | | | | | | | |
| 25.3 | 8 maraging | 1/1 | | | | | |
| 25.2 | 8 maraging | 1/1 | | | | | |
| 25.1 | 8 maraging | 1/1 | | | | | |
| 25 | 32 maraging | 1/1 | | | | | |
| ref. | pieces | mat. and treatments | scale | ref. | pieces | mat. and treatments | scale |

| General machining tolerances UNI 5307-63 | | | | | | | | |
|--|-------|--------|----------|-------------------------------------|------------|-------------|---|--------|
| Dimensions | < 6 | > 6-30 | > 30-120 | > 120-315 | > 315-1000 | > 1000-2000 | > 2000-4000 | > 4000 |
| linear Toli. | ± 0.1 | ± 0.2 | ± 0.3 | ± 0.5 | ± 0.8 | ± 1.2 | ± 2 | ± 3 |
| angular Toli. | ± 1' | ± 30' | ± 20' | ± 10' referred to the shortest side | | | | |
| | | | | | | | designed for R.De Salvo draw. by G. Gennaro-PROMECA date 28-12-04 scale 1/1 | |
| LIGO PROJECT title HAM-OPTICAL BENCH BLADE | | | | | | | LIGO-D051120-00-D sheet 106 from A 2 | |