|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **n** | **1** | **2** | **3** | **4** | **5** | **0,5** |
| **Медь** | **f, кГц** | 3,2169 | 6,4338 | 9,6548 | 12,86 | 16,088 | - |
| **Сталь** | **f, кГц** | 4,1342 | 8,2679 | 12,401 | 16,543 | 20,665 | 2,0671 |
| **Дюраль** | **f, кГц** | 4,2368 | 8,4327 | 12,759 | 16,92 | 21,114 | 2,1176 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **m, г** | **h, cм** | **2r, cм** | **p, кг/м^3** | **dp, кг/м^3** |
| **Медь** | 39,371 | 4 | 1,285 | 7652,91 | 3 |
| **Сталь** | 37,09 | 4,15 | 1,28 | 6948,94 | 3 |
| **Дюраль** | 12,172 | 4 | 1,28 | 2365,99 | 1,1 |

|  |  |  |  |
| --- | --- | --- | --- |
| **№ измерения** | **1** | **2** | **3** |
| **Медь, d, cm** | 1,29 | 1,285 | 1,28 |
| **Сталь, d, cm** | 1,27 | 1,28 | 1,28 |
| **Дюраль, d, cm** | 1,29 | 1,28 | 1,27 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **f1, кГц** | **df1, кГц** | **c, м/с** | **dc, м/с** |
| **Медь** | 3,2169 | 0,003 | 3860 | 32 |
| **Сталь** | 4,1342 | 0,002 | 4961 | 35 |
| **Дюраль** | 4,2368 | 0,003 | 5084 | 36 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **E, Гпа** | **dE, Гпа** | **Eтб, Гпа** | **|E - Eтб|, Гпа** |
| **Медь** | 114 | 3 | 110 | 4 |
| **Сталь** | 171 | 3 | 200 | 29 |
| **Дюраль** | 61 | 1,1 | 74 | 13 |

