# Parametri di lavoro

# Frese HSS-E a candela a profilo concavo

| Material | Strength | $A_p$ | $A_e$ | $V_c$ | fz(mm/z) R1 | R2 | R3 | R5 | R6 | R8,5 | R10 | R12 | R13 | R16 | R20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **P.1 \| Free-cutting steel, general construction steels** | ≤ 600 N/mm² | 1xR | 1xR | 30 | 0.013 | 0.017 | 0.02 | 0.031 | 0.036 | 0.042 | 0.047 | 0.057 | 0.07 | 0.08 | 0.094 |
| **P.2 \| General construction steels, steel casting** | ≤ 850 N/mm² | 1xR | 1xR | 25 | 0.013 | 0.017 | 0.02 | 0.031 | 0.036 | 0.042 | 0.047 | 0.057 | 0.07 | 0.08 | 0.094 |
| **P.3 \| Tools steels low alloyed** | ≤ 1100 N/mm² | 1xR | 1xR | 20 | 0.013 | 0.017 | 0.02 | 0.031 | 0.036 | 0.042 | 0.047 | 0.057 | 0.07 | 0.08 | 0.094 |
| **N.2 \| Aluminium cast alloys Si (Si ≤ 12%)** | ≤ 600 N/mm² | 1xR | 1xR | 40 | 0.017 | 0.022 | 0.026 | 0.04 | 0.047 | 0.054 | 0.061 | 0.074 | 0.091 | 0.104 | 0.122 |
| **S.2 \| Titanium, titanium alloys** | ≤ 1250 N/mm² | 1xR | 1xR | 11 | 0.009 | 0.012 | 0.014 | 0.022 | 0.025 | 0.029 | 0.033 | 0.04 | 0.049 | 0.056 | 0.066 |