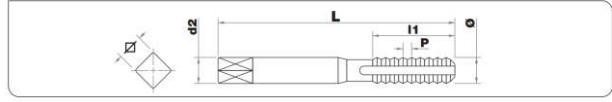
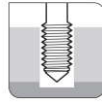


**HSSEE [ASP] TIN DIN FORMING
TAPS. | FLASHCUT | , GROOVES.**

**MACHO MÁQUINA HSSEE (ASP) TIN.
| FLASHCUT | . RANURAS, LAMINA-
CIÓN.**

**MASCHIO A MACCHINA HSS-EE TIN
| FLASHCUT | , SCANALATURE A
RULLARE.**



Designed for Steels 8%. High Performance.

Diseñado para aceros 8%. Alto rendimiento.

Concepito per gli acciai 8% Alte prestazioni.



Heat Treatable Steels <400N/mm²
Aceros aleados y tratados <400N/mm²
Acciai per trattamento termico <400N/mm²



Heat Treatable Steels <700N/mm²
Aceros aleados y tratados <700N/mm²
Acciai per trattamento termico <700N/mm²



Steels for heat treatment 700-1400N/mm²
Aceros para tratamiento térmico 700-1400 N/mm²
Acciai per trattamento termico 700-1400N/mm²

| 960ST91 | EAN | Ø | P | L | I | d2 | DIN | QTY | PCB |
|-----------------|---------------|-----|------|-----|----|-----|-----|-----|-----|
| 960ST9100300050 | 8420609527142 | M3 | 0.5 | 56 | 10 | 3.5 | 371 | 1 | 1 |
| 960ST9100400070 | 8420609527159 | M4 | 0.7 | 63 | 12 | 4.5 | 371 | 1 | 1 |
| 960ST9100500080 | 8420609527166 | M5 | 0.8 | 70 | 14 | 6 | 371 | 1 | 1 |
| 960ST9100600100 | 8420609527173 | M6 | 1 | 80 | 16 | 6 | 371 | 1 | 1 |
| 960ST9100800125 | 8420609527180 | M8 | 1.25 | 90 | 18 | 8 | 371 | 1 | 1 |
| 960ST9101000150 | 8420609527197 | M10 | 1.5 | 100 | 20 | 10 | 371 | 1 | 1 |
| 960ST9101200175 | 8420609527203 | M12 | 1.75 | 110 | 22 | 9 | 376 | 1 | 1 |
| 960ST9101400200 | 8420609527210 | M14 | 2 | 110 | 25 | 11 | 376 | 1 | 1 |
| 960ST9101600200 | 8420609527227 | M16 | 2 | 110 | 28 | 12 | 376 | 1 | 1 |

| 960ST91 | EAN | Ø | P | L | I | d2 | DIN | QTY | PCB |
|-----------------|---------------|------|-----|-----|----|----|-----|-----|-----|
| 960ST9100800100 | 8420609596476 | MF8 | 1 | 90 | 18 | 8 | 371 | 1 | 1 |
| 960ST9101000100 | 8420609596483 | MF10 | 1 | 90 | 18 | 10 | 371 | 1 | 1 |
| 960ST9101200150 | 8420609596490 | MF12 | 1.5 | 100 | 22 | 9 | 374 | 1 | 1 |
| 960ST9101400150 | 8420609596506 | MF14 | 1.5 | 100 | 22 | 11 | 374 | 1 | 1 |



Conditions de Coupe. Werkomstandigheden. Schnittbedingungen. Cutting conditions. Condiciones de corte. Condizioni d'impiego.

Tarauds. Draadsnijtappen. Gewindebohrer. Taps. Machos. Maschio.

Vc (M/min) Revêtement / coating = Vc + 20 => 50%



| | | | | | | |
|----------|--|-------|-------|-------|-------|-------|
| A | <p>Aciers non alliés / faiblement alliés Niet-of licht gelegeerd Staal Unligierte oder schwachlegierte unalloyed & low alloyed steels Aceros de construcción o aceros poco aleados Acciai non legati o poco legati <400N/mm²</p> | 25-30 | 18-20 | 18-20 | 15-18 | 15-18 |
| B | <p>Acier pour traitement thermique Staal voor thermische behandeling Vergütungsstähle Heat Treatable Steels Aceros aleados y tratados Acciai per trattamento termico < 700 N/mm²</p> | 20-30 | 15-18 | 15-18 | 15-18 | 20-25 |
| C | <p>Acier pour traitement thermique Staal voor thermische behandeling Vergütungsstähle Heat Treatable Steels Aceros aleados y tratados Acciai per trattamento termico < 950 N/mm²</p> | | 6-8 | 6-8 | 6-8 | 5-8 |
| D | <p>Acier pour traitement thermique Staal voor thermische behandeling Vergütungsstähle Heat Treatable Steels Aceros aleados y tratados Acciai per trattamento termico < 1200 N/mm²</p> | | 4-6 | 4-6 | 4-6 | 2-5 |
| E | <p>Acier pour traitement thermique Staal voor thermische behandeling Vergütungsstähle Heat Treatable Steels Aceros aleados y tratados Acciai per trattamento termico < 1400 N/mm²</p> | | | 3-5 | | 3-5 |
| F | <p>Aciers inoxydables, ferritiques Roestvrij ferrietaal Rostfreies Stähle, ferritisch Stainless Steels, Ferritic Aceros inoxidables, ferríticos Acciai inossidabili, ferritici</p> | 10-20 | | 6-8 | | 6-8 |
| G | <p>Aciers inoxydables, Martensitiques Roestvrij Martensietstaal Rostfreies Stähle, Martensitisch Stainless Steels, Martensitic Aceros inoxidables, Martensíticos Acciai inossidabili, Martensitici</p> | | | 4-6 | | 4-6 |
| H | <p>Aciers inoxydables, Austénitiques Roestvrij Austenietstaal Rostfreies Stähle, Austenitisch Stainless Steels, Austenitic Aceros inoxidables, Austeníticos Acciai inossidabili, Austenitici</p> | | | 5-7 | | 5-7 |
| I | <p>Fontes grises Graw gietijzer Grauguss Cast Iron Fundición gris Ghisa grigia</p> | | 15-20 | | | |

Conditions de Coupe. Werkomstandigheden. Schnittbedingungen. **Cutting conditions.** Condiciones de corte. Condizioni d'impiego.

Tarauds. Draadsnijtappen. Gewindebohrer. Taps. Machos. Maschio.

Vc (M/min) Revêtement / coating = Vc + 20 => 50%



| | | | | | | |
|----------------------------|--|-------|-------|-------|-------|-------|
| J | Fontes GS Gietijzer SG SG Guss SG Iron Fundición gris con grafito laminar Ghisa a Grafite Sferoidale | | 10-15 | | | |
| K | Alliages d'aluminium gras Zuivere aluminiumlegeringen Rein aluminium Aluminium Forgings Aleaciones de aluminio Laminato (Al) | 30-40 | | 15-25 | | 15-25 |
| L | Alliages d'aluminium Aluminiumlegeringen Aluminium-legierungen Cast Aluminium Aleaciones de aluminio Stampate Al Si < 10% | 12-20 | | 12-18 | | 12-18 |
| M | Alliages d'aluminium Aluminiumlegeringen Aluminium-legierungen Cast Aluminium Aleaciones de aluminio Stampate Al Si > 10% | 12-20 | | 12-18 | | 12-18 |
| N | I alton Messing Messing Brass Laton Ottonie | 25-30 | 18-20 | 18-20 | 15-18 | 15-18 |
| O | Bronze Brons Bronze Bronze Bronze Bronzo | | 5-10 | 5-10 | 5-10 | 4-8 |
| ARCO/ AR Ni | Aciers réfractaires base Co Ni Hittebestendige legeringen op basis van Co Ni Hitzebeständige Legierungen, Co Ni base Special Alloys based Co Ni Aleaciones refractarias, base Co Ni Leghe refrattarie, Co Ni base | | 2-4 | 2-4 | 2-4 | 2-4 |
| Ti | Alliages de Titane Titaanlegeringen Titanielegeringen Titan alloys Aleaciones de titanio Titanio | | | 3-5 | | 3-5 |