

960ST21 | Flashcut machine tap HSS-E5 cobalt (cobalt 5%) -TiN coated -M MF -DIN 371/374/376 -B Shape (GUN) -Rear conicity

High performance tap (sintered steel) for steels. Particularly suitable for through tapping thanks to its Gun entry.



- Especially for high-strength steels, stainless steels and cast irons
- Made in Spain
- GUN entry
- 5% cobalt HSS
- TiN coating

Machine



Application



P1- Unrealized steels
P2- Weakly allied steels
P3- strong alloy steels

Features



Properties and benefits

- + Gun entry: entry geometry consisting of facets shaped to guide debris towards the front. Improves threading efficiency and precision. ➔ Enables the clearance of debris towards the front, for the simple and precise tapping of through-holes.
- + 5% cobalt high-speed steel: HSS substrate enriched with 5% cobalt. Improved heat retention (strength, cutting sharpness) ➔ For general use in metals up to 1200 N/mm².
- + TiN coating: TiN base, thickness 2/4µm, hardness 2300HV, coefficient of friction 0.4, heat resistance 600°C. Protects against abrasion, oxidation, adhesion. ➔ Thermal shield. Allows you to increase service life, cutting speed, and progress. Reduces the axial load. General use.



| Code | EAN | Thread | Ø | Pitch | Norm | Drill | L | I | I4 | I5 | QTY | PCB |
|-----------------|---------------|--------|------|---------|-------|-------|----|-------|------|----|-----|-----|
| 960ST2100300050 | 8420609526954 | M 3 | 0,5 | DIN 371 | 2,50 | 56 | 10 | 4-4.5 | 2,70 | 1 | 1 | |
| 960ST2100400070 | 8420609526961 | M 4 | 0,7 | DIN 371 | 3,30 | 63 | 12 | 4-4.5 | 3,40 | 1 | 1 | |
| 960ST2100500080 | 8420609526978 | M 5 | 0,8 | DIN 371 | 4,20 | 70 | 14 | 4-4.5 | 4,90 | 1 | 1 | |
| 960ST2100600100 | 8420609526985 | M 6 | 1 | DIN 371 | 5,00 | 80 | 16 | 4-4.5 | 4,90 | 1 | 1 | |
| 960ST2100800125 | 8420609526992 | M 8 | 1,25 | DIN 371 | 6,75 | 90 | 18 | 4-4.5 | 6,20 | 1 | 1 | |
| 960ST2101000150 | 8420609527005 | M 10 | 1,5 | DIN 371 | 8,50 | 100 | 20 | 4-4.5 | 8,00 | 1 | 1 | |
| 960ST2101200175 | 8420609527012 | M 12 | 1,75 | DIN 376 | 10,25 | 110 | 22 | 4-4.5 | 7,00 | 1 | 1 | |
| 960ST2101400200 | 8420609527029 | M 14 | 2 | DIN 376 | 12,00 | 110 | 25 | 4-4.5 | 9,00 | 1 | 1 | |
| 960ST2101600200 | 8420609527043 | M 16 | 2 | DIN 376 | 14,00 | 110 | 28 | 4-4.5 | 9,00 | 1 | 1 | |
| 960ST2100800100 | 8420609596391 | MF 8 | 1 | DIN 371 | 7,00 | 90 | 18 | 4-4.5 | 6,20 | 1 | 1 | |
| 960ST2101000100 | 8420609596407 | MF 10 | 1 | DIN 371 | 9,00 | 90 | 18 | 4-4.5 | 8,00 | 1 | 1 | |
| 960ST2101200150 | 8420609596414 | MF 12 | 1,5 | DIN 374 | 10,50 | 100 | 22 | 4-4.5 | 7,00 | 1 | 1 | |
| 960ST2101400150 | 8420609596421 | MF 14 | 1,5 | DIN 374 | 12,50 | 100 | 22 | 4-4.5 | 9,00 | 1 | 1 | |