## Precision Electronics Gripping Pliers

## With precision laser cut cross-shaping

$>$ For securely holding, pulling and guiding delicate components.
> For very precise assembly work, e.g. in electronics and fine mechanics
> For gripping, holding and bending
> Approx. 20\% lighter than conventional electronics pliers
> Bolted joint and carefully manufactured joint surfaces for even, low-friction movement throughout the entire opening range
> Smooth-running double spring for a gentle and even opening
> Ergonomically optimised multi-component handles
> Forged from chrome vanadium ball-bearing steel

Flat, wide jaws


Half-round jaws



Cross-shaping: precision laser cut for a secure grip in ultra fine mounting work

| Article No. | $\begin{aligned} & \text { EAN } \\ & 4003773- \end{aligned}$ | $\overrightarrow{\mathrm{mm}}$ |  | Pliers | Head | Handles | Dimensions |  |  |  |  | $\underset{\mathrm{g}}{\Delta \Delta}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | $\begin{gathered} \mathrm{B} \\ \mathrm{~mm} \end{gathered}$ | $\begin{gathered} \mathrm{A} \\ \mathrm{~mm} \end{gathered}$ | $\begin{gathered} \text { D } \\ \mathrm{mm} \end{gathered}$ | $\begin{gathered} \mathrm{E} \\ \mathrm{~mm} \end{gathered}$ | $\underset{\text { mm }}{\substack{\text { n }}}$ |  |
| 3442130 | 080282 | 135 |  | burnished | polished | with multicomponent grips | 21.90 | 11.20 | 6.50 | 1.40 | 3.50 | 61 |
| 3442130 ESD | 080299 | 135 |  | burnished | polished |  | 21.90 | 11.20 | 6.50 | 1.40 | 3.50 | 61 |
| 3452130 | 080312 | 135 |  | burnished | polished | with multicomponent grips | 22.70 | 11.20 | 6.50 | 1.60 | 1.60 | 61 |
| 3452130 ESD | 080305 | 135 | (4) 8 Ө | burnished | polished |  | 22.70 | 11.20 | 6.50 | 1.60 | 1.60 | 61 |

