

# 18-5-B Hydraulic puller with mechanical spindle, up to clamping range, 380 mm clamping depth



## DESCRIPTION

The pullers of series 18 are used together with the separators of series 15 and 17 for externally extracting flat-lying or thin-walled parts in craft, industry, and workshop, when there is not enough space for pulling jaws. The separation-extraction process is capable of gently separating those parts first before they can be externally extracted. The series 18-B is additionally equipped with a hydraulic spindle, which reaches a medium tension force of up to 20 t, allowing for a force-efficient and effective separation-extraction.

## RANGE OF APPLICATION

Together with the separating devices of series 15 and 17 for the removal of flat or thin-walled parts

## BENEFIT

- By fastening the separating and puller device, the highest stability during pulling is ensured.
- If you screw the separating jaws into the tightening device the other way around, the contact surface will be enlarged and it will be pulled off more gently.
- Due to its simple construction, special separator setups can also be easily created for the series 18 in self-application
- Hydraulics ensures a force-saving and quick Pulling.

## OPERATION

- Press the sharp edges of the separator behind the part.
- Tighten the separating jaws by evenly tightening the adjusting nuts on the side bolts of the separator, ensuring that the separating knives sit flush under the part to be removed.
- Screw the side screw of the puller into the threaded holes of the separator up to the stop.
- Hold the separator and safely and carefully remove the part in question by tightening the clamping nut.

## DETAIL IMAGE



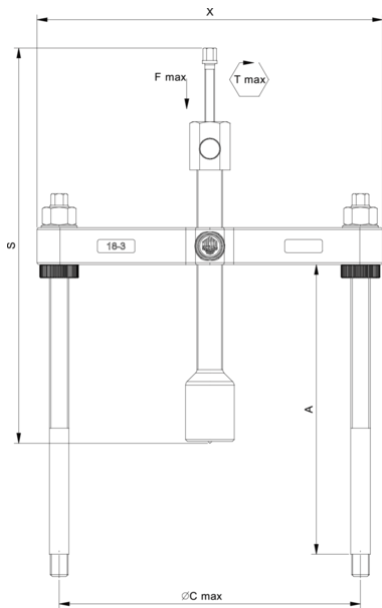
## MASTER DATA

|                               |                                      |
|-------------------------------|--------------------------------------|
| GTIN [EAN]                    | 4021176885754                        |
| Country of origin             | DE                                   |
| Case material                 | Tool steel                           |
| Series                        | 18-B                                 |
| Net weight [kg]               | 37 kg                                |
| Package contents              | 1 piece                              |
| Packaging Act                 | PP 05                                |
| Global sales capability given | Yes (REACH, RoHS, POP, PROP65, TSCA) |

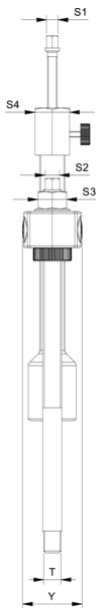
## SPARE PARTS

- 018530\_Side screw
- 18-5-20\_Bushing, complete
- 18-5-T\_Cross beam
- 633370\_Two-sided spindle tip
- 8-2-M\_Long hydraulic spindle

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| Abbreviation Attribut |   | Wert   |
|-----------------------|---|--------|
| X                     | Total width [mm]                                  | 510 mm |
| Y                     | Total depth [mm]                                  | 95 mm  |
| S1                    | Width across flats [mm]                           | 41 mm  |
| Tmax                  | Max. torque [Nm]                                  | 30 Nm  |
| Fmax                  | Max. tractive force [t]                           | 20 t   |
| Fmax                  | Max. tensile force [kN]                           | 200 kN |
| A                     | Clamping depth [mm]                               | 380 mm |
| T                     | Mounting thread for separator [nominal dimension] | G3/4   |
| S2                    | Width across flats [mm]                           | 19 mm  |
| S3                    | Width across flats tension bolt nut [mm]          | 41 mm  |
| S4                    | Width across flats (hydraulic) [mm]               | 41     |



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