

# ALFRA - PUNCHER

## TIME-SAVING QUALITY TOOLS

- 1 HYDRAULIC HAND PUNCHER MADE OUT OF HIGH-TENSILE ALUMINIUM (APPROX. 40% WEIGHT SAVING)
- 2 ANGULAR HEAD, 360° ROTATABLE
- 3 PRESSURE-RELIEF VALVE – PROTECTS AGAINST OVERLOAD
- 4 ERGONOMIC HANDLE – SPRINGS BACK AUTOMATICALLY



- 5 3-FOLD SPLITTER – NO JAMMING OF DROP-OFF PIECES
- 6 PUNCHES AND DIES OF EVERY PG AND METRIC SIZE

# A



## COMPACT HAND HYDRAULIC – Sets

In aluminium version – weight only 1.6 kg • Made in Germany by ALFRA

Practical hand punch without hose and cylinder.  
Ideal for workshop and assembly.

### Punching capacity

Round holes up to  $\varnothing$  85 mm  
 $\varnothing$  64 mm  
 Square holes 68 x 68 mm  
 Rectangular holes 36 x 112 mm

### Steel sheets

2.0 mm F = 370 N/mm<sup>2</sup>  
 3.0 mm F = 370 N/mm<sup>2</sup>  
 2.0 mm F = 370 N/mm<sup>2</sup>  
 2.0 mm F = 370 N/mm<sup>2</sup>

### Stainless steel sheets

2.5 mm F = 600 N/mm<sup>2</sup>

Weight: 1.6 kg  
 Punching force: 75 kN  
 Operating pressure max: 650 bar



### Excess pressure valve

Extended tool life owing to a built-in pressure control valve.  
"Automatic pressure switch off at 650 bar"



Prod.-No. 02001/02005

### Compact hand hydraulic

Prod.-No. 02001

Complete in transport case

Content: 1 Aluminium compact hand hydraulic punch  
 1 Hydraulic screw  $\varnothing$  19 mm  
 1 Hydraulic screw  $\varnothing$  19 x 9.5 mm  
 1 HSS pre-drill  $\varnothing$  11 mm  
 1 Set of distance bushes (3 pieces)



Prod.-No. 02006

### Compact hand hydraulic punch set PG

Prod.-No. 02006

for mild steel (St 37)

Complete in transport case

Content: 1 Aluminium compact hand hydraulic punch  
 8 Standard punches and dies  
 PG 9 - 11 - 13 - 16 - 21 - 29 - 36 - 42  
 1 Hydraulic screw  $\varnothing$  19 mm  
 1 Hydraulic screw  $\varnothing$  19 x 9.5 mm  
 1 HSS pre-drill  $\varnothing$  11 mm  
 1 Set of distance bushes (3 pieces)



Prod.-No. 01752

### Compact hand hydraulic punching set Tristar PG

Prod.-No. 01752

for mild steel (St 37)

Complete in transport case

Content: 1 Aluminium compact hand hydraulic punch  
 9 Tristar punches and dies  
 PG 9 - 11 - 13 - 16 - 21 - 29 - 36 - 42 - 48  
 1 Hydraulic screw  $\varnothing$  19 mm  
 1 Hydraulic screw  $\varnothing$  19 x 9.5 mm  
 1 HSS pre-drill  $\varnothing$  10 mm  
 1 Set of distance bushes (3 pieces)



Prod.-No. 01765

### Compact hand hydraulic punching set Tristar Set – Metric

Prod.-No. 01765

for mild steel (St 37)

Complete in transport case

Content: 1 Hydraulic punch type Compact aluminium  
 5 Tristar punches and dies M 16 - M 40  
 $\varnothing$  16,2 - 20,4 - 25,4 - 32,5 - 40,5 mm  
 1 Hydraulic screw  $\varnothing$  19 mm  
 1 Hydraulic screw  $\varnothing$  19 x 9.5 mm  
 1 HSS pre-drill  $\varnothing$  10 mm  
 1 Set of distance bushes (3 pieces)





# A



## COMPACT HAND HYDRAULIC – Sets

In aluminium version – weight only 1.6 kg • Made in Germany by ALFRA

### Compact hand hydraulic punching set Tristar metric

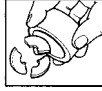
for mild steel (St 37)

Prod.-No.

01758

Complete in transport case

Content: 1 Aluminium compact hand hydraulic punch  
7 Tristar punches and dies M 16 - M 63  
Ø 16.2 - 20.4 - 25.4 - 32.5 - 40.5 - 50.5 - 63.5 mm  
1 Hydraulic screw Ø 19 mm  
1 Hydraulic screw Ø 19 x 9.5 mm  
1 HSS pre-drill Ø 10 mm  
1 Set of distance bushes (3 pieces)



Prod.-No. 01758

### Compact hand hydraulic punching set Tristar Plus PG

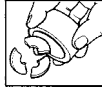
for mild steel St 37 **and stainless steel**

Prod.-No.

01650

Complete in transport case

Content: 1 Aluminium compact hand hydraulic punch  
8 Tristar Plus punches and dies  
PG 9 - 11 - 13 - 16 - 21 - 29 - 36 - 42  
1 Hydraulic screw Ø 19 mm  
1 Hydraulic screw Ø 19 x 11.1 mm  
1 HSS pre-drill Ø 11.5 mm  
1 Set of distance bushes (3 pieces)



Prod.-No. 01650

### Compact hand hydraulic punching set Tristar Plus Set – Metric

for mild steel St 37 **and stainless steel**

Prod.-No.

01642

Complete in transport case

Inhalt: 1 Hydraulic punch type Compact aluminium  
5 Tristar Plus punches and dies M 16 - M 40  
Ø 16,2 - 20,4 - 25,4 - 32,5 - 40,5 mm  
1 Hydraulic screw Ø 19 mm  
1 Hydraulic screw Ø 19 x 11,1 mm  
1 HSS pre-drill Ø 11,5 mm  
1 Set of distance bushes (3 pieces)



**NEW**



Prod.-No. 01642

### Compact hand hydraulic punching set Tristar Plus Metric

for mild steel St 37 **and stainless steel**

Prod.-No.

01654

Complete in transport case

Inhalt: 1 Aluminium compact hand hydraulic punch  
7 Tristar Plus punches and dies M 16 - M 63  
Ø 16,2 - 20,4 - 25,4 - 32,5 - 40,5 - 50,5 - 63,5 mm  
1 Hydraulic screw Ø 19 mm  
1 Hydraulic screw Ø 19 x 11 mm  
1 HSS pre-drill Ø 11,5 mm  
1 Set of distance bushes (3 pieces)



Prod.-No. 01654

For further supplementary sets see Page 24