



## Formstempel für ... / Oblong tools for ...

APS 120 €co APS 120 APS 110D	APS 70 €co APS 70 APS 70D	mm	Stempel Art.-Nr. Punch Prod. No.	Matrize Art.-Nr. Die Prod. No.	Inch	Stempel Art.-Nr. Punch Prod. No.	Matrize Art.-Nr. Die Prod. No.
■	■	16 x 8	23-01-1608	23-02-1608	5/8" x 5/16"	23-01-1608-IN	23-02-1608-IN
■	■	18 x 9	23-01-1809	23-02-1809	23/32" x 23/64"	23-01-1809-IN	23-02-1809-IN
■	■	18 x 11	23-01-1811	23-02-1811	23/32" x 7/16"	23-01-1811-IN	23-02-1811-IN
■	■	20 x 10	23-01-2010	23-02-2010	51/64" x 25/64"	23-01-2010-IN	23-02-2010-IN
■	■	20 x 12	23-01-2012	23-02-2012	51/64" x 15/32"	23-01-2012-IN	23-02-2012-IN
■	■	20 x 14	23-01-2014	23-02-2014	51/64" x 9/16"	23-01-2014-IN	23-02-2014-IN
■	■	22 x 11	23-01-2211	23-02-2211	7/8" x 7/16"	23-01-2211-IN	23-02-2211-IN
■	■	22 x 14	23-01-2214	23-02-2214	7/8" x 9/16"	23-01-2214-IN	23-02-2214-IN
■	-	24 x 12	23-01-2412	23-02-2412	15/16" x 15/32"	23-01-2412-IN	23-02-2412-IN
■	-	25 x 9*	23-01-2509	23-02-2509	1" x 23/64**	23-01-2509-IN	23-02-2509-IN
■	-	25 x 12*	23-01-2512	23-02-2512	1" x 15/32*	23-01-2512-IN	23-02-2512-IN
■	-	25 x 13*	23-01-2513	23-02-2513	1" x 33/64*	23-01-2513-IN	23-02-2513-IN
■	-	25 x 14*	23-01-2514	23-02-2514	1" x 9/16*	23-01-2514-IN	23-02-2514-IN
■	-	25 x 18*	23-01-2518	23-02-2518	1" x 23/32*	23-01-2518-IN	23-02-2518-IN

\*1) mit Spannmutter / with tension nut Art. Nr. / Prod.- No. 23004-056B  
Andere Abmessungen auf Anfrage / Other dimensions on request

## Matrizen für ... / Dies for ...

APS 120 €co APS 120 APS 110D	APS 70 €co APS 70 APS 70D	APS 60	Ø mm	Art.-Nr. Prod. No.	Art.-Nr. Prod. No.
■	■	-	7	23-02-07	-
■	■	-	8	23-02-08	5/16" 23-02-08-IN
■	■	-	9	23-02-09	-
■	■	-	10	23-02-10	-
■	■	-	11	23-02-11	7/16" 23-02-11-IN
■	■	-	12	23-02-12	-
■	■	-	13	23-02-13	-
■	■	-	14	23-02-14	9/16" 23-02-14-IN
■	■	-	15	23-02-15	-
■	■	-	16	23-02-16	5/8" 23-02-16-IN
■	■	-	17	23-02-17	11/16" 23-02-17-IN
■	■	-	18	23-02-18	-
■	■	-	19	23-02-19	-
■	■	-	20	23-02-20	-
■	■	-	21	23-02-21	13/16" 23-02-21-IN
■	■	-	22	23-02-22	-
■	■	-	23	23-02-23	-
■	-	-	24	23-02-24	15/16" 23-02-24-IN
■	-	-	25	23-02-25	1" 23-02-25-IN
■	-	-	-	-	1-1/16" 23-02-27-IN
-	-	■	7	23-03-07	-
-	-	■	8	23-03-08	-
-	-	■	9	23-03-09	-
-	-	■	10	23-03-10	-
-	-	■	11	23-03-11	-
-	-	■	12	23-03-12	-
-	-	■	13	23-03-13	-
-	-	■	14	23-03-14	-
-	-	■	15	23-03-15	-
-	-	■	16	23-03-16	-
-	-	■	17	23-03-17	-
-	-	■	18	23-03-18	-

## Stempel für ... / Punches for ...

APS 120 €co APS 120 APS 110D	APS 70 €co APS 70 APS 70D	APS 60	Ø mm	Art.-Nr. Prod. No.	Art.-Nr. Prod. No.
■	■	■	7	23-01-07	-
■	■	■	8	23-01-08	5/16" 23-01-08-IN
■	■	■	9	23-01-09	-
■	■	■	10	23-01-10	-
■	■	■	11	23-01-11	7/16" 23-01-11-IN
■	■	■	12	23-01-12	-
■	■	■	13	23-01-13	-
■	■	■	14	23-01-14	9/16" 23-01-14-IN
■	■	■	15	23-01-15	-
■	■	■	16	23-01-16	5/8" 23-01-16-IN
■	■	■	17	23-01-17	11/16" 23-01-17-IN
■	■	■	18	23-01-18	-
■	■	-	19	23-01-19	-
■	■	■	20	23-01-20	-
■	■	-	21	23-01-21	13/16" 23-01-21-IN
■	■	■	22	23-01-22	-
■	■	-	23	23-01-23	-
■	-	-	24	23-01-24	15/16" 23-01-24-IN
■	-	-	25*	23-01-25	1" *1 23-01-25-IN
■	-	-	-	-	1-1/16**2 23-01-27-IN

\*1) mit Spannmutter / with tension nut Art. Nr. / Prod.- No. 23004-056B  
\*2) mit Spannmutter / with tension nut Art. Nr. / Prod.- No. 23004-056D

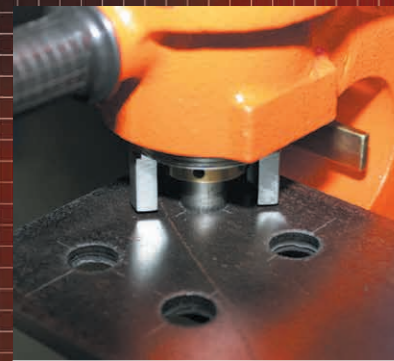
# ALFRA PRESS

## Hydraulik – Lochstanzen Hydraulic Punching Units



# ALFRA-PRESS HYDRAULIK-LOCHSTANZEN / HYDRAULIC PUNCHING UNITS

Made in Germany by ALFRA



							
	<b>APS 70 €co</b>	<b>APS 120 €co</b>	<b>APS 60</b>	<b>APS 70</b>	<b>APS 120</b>	<b>APS 70 D</b>	<b>APS 110 D</b>
<b>Art.-Nr. / Prod. No.</b>	23002.Eco	23004.Eco	23001	23002	23004	23180	23181
<b>Max. Loch-Ø Max. Hole-Ø</b>	22 mm 7/8"	25 mm 1-1/16"	18 mm 11/16"	22 mm 7/8"	25 mm 1-1/16"	22 mm 7/8"	25 mm 1-1/16"
<b>Max. Langloch Max. Oblong Hole</b>	22 x 14 mm 7/8" x 9/16"	25 x 18 mm 1" x 11/16"	- -	22 x 14 mm 7/8" x 9/16"	25 x 18 mm 1" x 11/16"	22 x 14 mm 7/8" x 9/16"	25 x 18 mm 1" x 11/16"
<b>Max. Materialstärke St. 42 Max. Material Thickness St. 42</b>	13 mm 1/2"	16 mm 5/8"	10 mm 3/8"	13 mm 1/2"	16 mm 5/8"	13 mm 1/2"	16 mm 5/8"
<b>Gesamtstanzzeit mit Pumpe ... Total punching time with Pump ...</b>	SC 03: ca. 20 sec.	SC 03: ca. 25 sec.	SC 05 II-B: ca. 7 sec. SC 17: ca. 4 sec.	SC 05 II-B: ca. 10 sec. SC 17: ca. 5 sec.	SC 05 II-B: ca. 15 sec. SC 17: ca. 8 sec.	SC 17 D: ca. 5 sec	SC 17 D: ca. 8 sec
<b>Maultiefe Throat Depth</b>	70 mm 2-3/4"	110 mm 4-3/8"	60 mm 2-3/8"	70 mm 2-3/4"	110 mm 4-3/8"	70 mm 2-3/4"	110 mm 4-3/8"
<b>Max. Druck Max. Pressure</b>	700 bar 10150 psi	700 bar 10150 psi	700 bar 10150 psi	700 bar 10150 psi	700 bar 10150 psi	700 bar 10150 psi	700 bar 10150 psi
<b>Stanzkraft / Punching Power</b>	30 t	44 t	22 t	30 t	44 t	30 t	44 t
<b>Stempelhub Punch Stroke</b>	18 mm 11/16"	25 mm 15/16"	16 mm 5/8"	18 mm 11/16"	25 mm 15/16"	18 mm 11/16"	25 mm 15/16"
<b>Gewicht / Weight</b>	21 kg / 46 lbs	35 kg / 77 lbs	17 kg / 37 lbs	21 kg / 46 lbs	35 kg / 77 lbs	21 kg / 46 lbs	35 kg / 77 lbs
<b>Lieferumfang</b>	Schlauchpaket 3 m / Spannschlüssel	Schlauchpaket 3 m / Spannschlüssel	Schlauchpaket 5 m / Spannschlüssel Stempel/Matrize Ø 14 mm	Schlauchpaket 5 m / Spannschlüssel Stempel/Matrize Ø 18 mm Tiefenanschlag	Schlauchpaket 5 m / Spannschlüssel Stempel/Matrize Ø 22 mm Tiefenanschlag	Schlauchpaket 5 m / Spannschlüssel Stempel/Matrize Ø 18 mm Tiefenanschlag	Schlauchpaket 5 m / Spannschlüssel Stempel/Matrize Ø 22 mm Tiefenanschlag
<b>Standard Equipment</b>	Hydraulic Hose 3 m / Spanner	Hydraulic Hose 3 m / Spanner	Hydraulic Hose 5 m / Spanner Punch/Die Ø 14 mm	Hydraulic Hose 5 m / Spanner Punch/Die Ø 18 mm / Depth Fence	Hydraulic Hose 5 m / Spanner Punch/Die Ø 22 mm / Depth Fence	Hydraulic Hose 5 m / Spanner Punch/Die Ø 18 mm / Depth Fence	Hydraulic Hose 5 m / Spanner Punch/Die Ø 22 mm / Depth Fence

# ALFRA-PRESS HYDRAULIK-PUMPEN / HYDRAULIC PUMPS

Made in Germany by ALFRA

				
	<b>SC 03</b>	<b>SC 05 II-B</b>	<b>SC 17</b>	<b>SC 17 D</b>
<b>Art.-Nr. / Prod. No.</b>	23006	23007	23170	23186
<b>Max. Druck Max. Pressure</b>	700 bar 10150 psi	750 bar 10670 psi	750 bar 10670 psi	750 bar 10670 psi
<b>Pumpenleistung Pump capacity</b>	0,52 l/min bei 2720 U/min 0,52 l/min at 2720 rpm	0,94 l/min bei 2770 U/min 0,94 l/min at 2770 rpm	1,5 l/min bei 1370 U/min 1,5 l/min at 1370 rpm	1,4 l/min bei 1370 U/min 1,4 l/min at 1370 rpm
<b>Motorleistung / Motor Capacity</b>	550 W, 230V (50 Hz)*	1100 W, 230V (50 Hz)*	1500 W, 230V (50 Hz)*	1500 W, 230V (50 Hz)*
<b>Ölmenge / Oil Quantity</b>	2,5 l	5 l	17 l	17 l
<b>Gewicht einschl. Ölfüllung Weight incl. oil filling</b>	18 kg 39 lbs	27 kg 59 lbs	45 kg 99 lbs	47 kg 103 lbs

\* Auf Anfrage / On request 230 V (60 Hz); 110 V (50 Hz); 110 V (60 Hz)