

ALFRA HAND-OPERATED HYDRAULIC PUNCHES

	 ALFRA COMPACT®	 ALFRA COMPACTCOMBI®	 ALFRA COMPACT FLEX®	 ALFRA AKKU-COMPACT FLEX®
Prod.-No.	02001	02050	02065	02082
punching force	75 kN	75 kN	75 kN	75 kN
max. hydraulic pressure	680 bar	680 bar	680 bar	680 bar
Piston stroke	18 mm	18 mm	18 mm	18 mm
tool mounting	19 mm	19 mm	19 mm	19 mm
Hydraulic hose length	-	-	600 mm	600 mm
Hydraulic medium	HLP32 hydraulic oil	HLP32 hydraulic oil	HLP32 hydraulic oil	HLP32 hydraulic oil
Weight	1,45 kg	1,75 kg	1,97 kg	2,5 kg with battery

ALFRA HOLE PUNCHES®

	FOR SHEET STEEL (S235)									
	 ALFRA HOLE PUNCHES® MonoCut®				 ALFRA HOLE PUNCHES® TriCut®				 ALFRA HOLE PUNCHES® TriCut+®	
Material thickness when using										
Ø 6 mm draw bolt	-				1,5 mm				-	
Ø 9,5 mm draw bolt	2 mm				2 mm				-	
Ø 11,1 mm draw bolt	-				-				2 mm	
Ø 19 mm draw bolt	3 mm				3 mm				2,5 mm	
Diameter	12,7 mm M12 PG7	up to	152 mm	12,7 mm M12 PG7	up to	63,5 mm M63	15,2 mm PG9	up to	63,5 mm M63	
custom-made products	✓				✓				✓	
Ø predrilling										
Ø 6 mm draw bolt	-				6,2 mm				-	
Ø 9,5 mm draw bolt	11 mm				10 mm				-	
Ø 11,1 mm draw bolt	-				-				11,5 mm	
Ø 19 mm draw bolt	20,5 mm				19,5 mm				19,5 mm	
Ø 28,3 mm draw bolt	30,5 mm				-				-	
Machining possibilities using										
wrench or ratchet	Up to Ø 89 mm				✓				✓	
Hydraulic drive	✓				✓				✓	

ALFRA HOLE PUNCHES®

						FOR SHEET STEEL (S235)											
						ALFRA HOLE PUNCHES® MonoCut®						ALFRA HOLE PUNCHES® TriCut®					
Ø in mm	Size metric	size PG	size Inch		size Conduit & Pipe Size	Thread			Thread								
							Punches and dies with			Punches and dies with		Punches and dies					
							with draw bolt with ball bearing			draw bolt		with draw bolt with ball bearing					
							Prod.-No.			Prod.-No.		Prod.-No.		Prod.-No.			
12,5						3/8" 9,5 mm	01002		01001		3/8" 9,5 mm	01674		01770			
12,7	M 12	7	1/2"	0.500	-		01014		01013			on request					
14,3	-	-	9/16"	0.563	-		01006		01005			on request					
15,2	-	9	-	0.598	-		01016		01015			on request		01680		01771	
16,0	-	-	-	0.630	-		01010		01009					01683		01772	
16,2	M 16	-	-	0.638	-		01022		01021					01686		01773	
18,6	-	11	-	0.732	-		01026		01025			on request					
19,0	-	-	3/4"	0.748	-		01030		01029			on request					
20,0	-	-	-	0.787	-		01034		01033					01689		01774	
20,4	M 20	13	-	0.803	-		01042		01041			on request					
22,0	-	-	-	0.866	-		01046		01045			on request		01692		01775	
22,5	-	16	7/8"	0.886	1/2"		01050		01049			on request					
23,8	-	-	15/16"	0.937	-		01054		01053			on request					
25,0	-	-	-	0.984	-		01058		01057					01695		01776	
25,4	M 25	-	1"	1.000	-		01078		01077								
27,0	-	-	1-1/16"	1.063	-	01070		01069				01698		01777			
28,3	-	21	-	1.114	3/4"	3/4" 19,0 mm	01074		01073		3/4" 19,0 mm	01701		01778			
28,3	-	21	-	1.114	3/4"						on request						
30,1	-	-		1.185	-	3/4" 19,0 mm 3/8" 9,5 mm	01086		01085		3/4" 19,0 mm						
30,5	-	-	1-7/32"	1.201	-		01094		01093			3/8" 9,5 mm	01703		01779		
31,7	-	-	1-1/4"	1.248	-		01102		01101								
32,5	M 32	-	-	1.280	-		01106		01105					01708		01780	
34,6	-	-	1-11/32"	1.362	1"		01118		01117					01711		01788	
35,0	-	-	1-3/8"	1.378	-		01122		01121			on request					
35,0	-	-	1-3/8"	1.378	-		01126		01125			on request					
37,0	-	29	-	1.457	-		01130		01129					01713		01781	
38,0	-	-	1-1/2"	1.496	-		01134		01133								
40,5	M 40	-	-	1.594	-		01150		01149					01715		01782	
42,8	-	-	-	1.685	-		01158		01157			on request					
43,2	-	-	1-11/16"	1.701	1-1/4"		01162		01161					01718		01789	
44,5	-	-	1-3/4"	1.752	-		01164		01163			on request					
47,0	-	36	-	1.850	-		01166		01165					01720		01783	
49,6	-	-	1-15/16"	1.953	1-1/2"		01170		01169					01723		01790	
50,5	M 50	-	-	1.988	-	01178		01177				01736		01784			
54,0	-	42	2-1/8"	2.126	-	01190		01189				01727		01785			
60,0	-	48	-	2.362	-	01202		01201				01729		01786			
61,5	-	-	2-3/8"	2.421	2"	01206		01205				01732		01791			
63,5	M 63	-	2-1/2"	2.500	-	01210		01209				01739		01787			
66,7	-	-	2-5/8"	2.626	-	01214		-		on request							

Other dimensions available upon request

						FOR SHEET STEEL (S235)				
						ALFRA HOLE PUNCHES® TriCut+®				
Ø in mm	size metric	size PG	size Inch		size Conduit & Pipe Size	Thread				
							Punches and dies with with draw bolt with ball bearing		Punches and dies	
							Prod.-No.		Prod.-No.	
12,5								on request		
12,7	M 12	7	1/2"	0.500	-	7/16" 11,1 mm		on request		
14,3	-	-	9/16"	0.563	-			on request		
15,2	-	9	-	0.598	-		01465		on request	01600
16,0	-	-	-	0.630	-			on request		
16,2	M 16	-	-	0.638	-		01466		on request	01656
17,5	-	-	11/16"	0.689	-			on request		
18,6	-	11	-	0.732	-		01467		on request	01603
19,0	-	-	3/4"	0.748	-			on request		
20,0	-	-	-	0.787	-			on request		
20,4	M 20	13	-	0.803	-		01468		on request	01606
20,6	-	-	13/16"	0.811	-			on request		
22,0	-	-	-	0.866	-			on request		
22,5	-	16	7/8"	0.886	1/2"		01469		on request	01609
23,8			15/16"	0.937	-			on request		
25,0	-	-	-	0.984	-			on request		
25,4	M 25	-	1"	1.000	-		01470		on request	01659
27,0			1-1/16"	1.063	-		on request			
28,3	-	21	-	1.114	3/4"	01471		on request	01612	
28,3	-	21	-	1.114	3/4"		on request			
28,6	-	-	1-1/8"	1.126	-		on request			
30,1	-	-	-	1.185	-		on request			
30,5	-	-	1-7/32"	1.201	-	01472		on request	01615	
31,7	-	-	1-1/4"	1.248	-					
32,5	M 32	-	-	1.280	-	01473		on request	01662	
33,4	-	-	1-5/16"	1.315	-					
34,6	-	-	1-11/32"	1.362	1"	01474		on request	01618	
35,0	-	-	1-3/8"	1.378	-		on request			
35,0	-	-	1-3/8"	1.378	-		on request			
37,0	-	29	-	1.457	-	01475		on request	01621	
38,0	-	-	1-1/2"	1.496	-		on request			
40,5	M 40	-	-	1.594	-	01476		on request	01665	
41,3	-	-	1-5/8"	1.626	-		on request			
42,8	-	-	-	1.685	-		on request			
43,2	-	-	1-11/16"	1.701	1-1/4"	01477		on request	01624	
44,5	-	-	1-3/4"	1.752	-		on request			
47,0	-	36	-	1.850	-	01478		on request	01627	
47,6	-	-	1-7/8"	1.874	-		on request			
49,6	-	-	1-15/16"	1.953	1-1/2"	01479		on request	01630	
50,5	M 50	-	-	1.988	-	01480		on request	01668	
54,0	-	42	2-1/8"	2.126	-	01481		on request	01633	
57,2	-	-	2-1/4"	2.252	-		on request			
60,0	-	48	-	2.362	-	01482		on request	01636	
61,5	-	-	2-3/8"	2.421	2"	01483		on request	01640	
63,5	M 63	-	2-1/2"	2.500	-	01484		on request	01671	
66,7	-	-	2-5/8"	2.626	-		on request			