

PULLER-TYPE HOLE PUNCHING TOOL HT-FL75

Max punching diameter 120 mm

Hand operated hydraulic tool specifically designed for hole punching stainless steel, soft steel, fibreglass and plastic sheet materials up to 3,5 mm thickness.

Compact and lightweight and easy to handle.

The balanced punching head pivots 180deg through a full 360deg rotation for ease of use in confined spaces.

The tool is supplied complete with plastic case VAL P28 for protection and storage when not in use.

Supplied with Pullers TD-11, TD-19 and spiral bit Ø 11,5 mm.



PUNCHING ACCESSORIES AVAILABLE

Round punch										
Hole diameter				Material max thickness		Pilot hole Ø (mm)	Code			
Nominal		Pg	ISO	GAS	Stainless Steel		Mild Steel	KIT (Punch+die)	Punch	Die
Ø (mm)	Ø (inch)									
15,5	.610	Pg9	-	-			RD 15.5SS	P- RD15.5SS	M- RD15.5SS	TD-11
16,2	.638	-	ISO-16	-			RD 16.2SS	P- RD16.2SS	M- RD16.2SS	
17,0	.669	-	-	G3/8"			RD 17SS	P-RD17SS	M-RD17SS	
17,5	.689	-	-	-			RD 17.5SS	P- RD17.5SS	M- RD17.5SS	
18,8	.740	Pg11	-	-			RD 18.8SS	P- RD18.8SS	M- RD18.8SS	
19,1	.752	-	-	-			RD 19.1SS	P- RD19.1SS	M- RD19.1SS	
20,5	.807	Pg 13,5	ISO-20	-			RD 20.5SS	P- RD20.5SS	M- RD20.5SS	
21,5	.846	-	-	G1/2"			RD 21.5SS	P- RD21.5SS	M- RD21.5SS	
22,6	.890	Pg16	-	-			RD 22.6SS	P- RD22.6SS	M- RD22.6SS	

23,8	.937	-	-	G5/8"	2,5 mm (0.1 in.) Rm= 700 N/mm ²	3,5 mm (0.14 in.) Rm= 510 N/mm ²	RD 23.8SS	P- RD23.8SS	M- RD23.8SS
25,4	1.000	-	ISO-25	-			RD 25.4SS	P- RD25.4SS	M- RD25.4SS
27,0	1.063	-	-	G3/4"			RD 27SS	P-RD27SS	M-RD27SS
28,5	1.122	Pg21	-	-			RD 28.5SS	P- RD28.5SS	M- RD28.5SS
30,5	1.201	-	-	G7/8"			RD 30.5SS	P- RD30.5SS	M- RD30.5SS
28,5	1.122	Pg 21	-	-			RD 28.5SS-19	P- RD28.5SS-19	M- RD28.5SS-19
30,5	1.201	-	-	G7/8"			RD 30.5SS-19	P- RD30.5SS-19	M- RD30.5SS-19
31,8	1.252	-	-	-			RD 31.8SS	P- RD31.8SS	M- RD31.8SS
32,5	1.279	-	ISO-32	-			RD 32.5SS	P- RD32.5SS	M- RD32.5SS
34,0	1338	-	-	G1"			RD 34SS	P-RD34SS	M-RD34SS
34,6	1.362	-	-	-			RD 34.6SS	P- RD34.6SS	M- RD34.6SS
37,2	1.464	Pg29	-	-			RD 37.2SS	P- RD37.2SS	M- RD37.2SS
38,1	1.500	-	-	-			RD 38.1SS	P- RD38.1SS	M- RD38.1SS
38,5	1.515	-	-	G1"1/8"			RD 38.5SS	P- RD38.5SS	M- RD38.5SS
40,5	1.594	-	ISO-40	-			RD 40.5SS	P- RD40.5SS	M- RD40.5SS
41,3	1.626	-	-	-			RD 41.3SS	P- RD41.3SS	M- RD41.3SS
42,5	1.673	-	-	G1"1/4"			RD 42.5SS	P- RD42.5SS	M- RD42.5SS
43,2	1.701	-	-	-			RD 43.2SS	P- RD43.2SS	M- RD43.2SS

44,5	1.752	-	-	-			20,0	RD 44.5SS	P- RD44.5SS	M- RD44.5SS	TD- 19
47,2	1.858	Pg36	-	-				RD 47.2SS	P- RD47.2SS	M- RD47.2SS	
48,5	1.909	-	-	G1"1/2"				RD 48.5SS	P- RD48.5SS	M- RD48.5SS	
50,5	1.988	-	ISO- 50					RD 50.5SS	P- RD50.5SS	M- RD50.5SS	
51,4	2.023	-	-	-				RD 51.4SS	P- RD51.4SS	M- RD51.4SS	
52,4	2.063	-	-	-				RD 52.4SS	P- RD52.4SS	M- RD52.4SS	
54,2	2.134	Pg42	-	G1"3/4"				RD 54.2SS	P- RD54.2SS	M- RD54.2SS	
60,0	2.362	Pg48	-	G2"				RD 60SS	P-RD60SS	M-RD60SS	
60,5	2.381	-	-	-				RD 60.5SS	P- RD60.5SS	M- RD60.5SS	
64,0	2.520	-	ISO- 63	-				RD 64SS	P-RD64SS	M-RD64SS	
65,0	2.559	-	-	-				RD 65SS	P-RD65SS	M-RD65SS	
76,0	2.992	-	-	G2"1/2"		3		RD 76SS	P-RD76SS	M-RD76SS	
76,5	3.011	-	-	-		3,5		RD 76.5SS	P- RD76.5SS	M- RD76.5SS	
80,5	3.169	-	-	-		3		RD 80.5SS	P- RD80.5SS	M- RD80.5SS	
89,0	3.503	-	-	G3"		3,5		RD 89SS	P-RD89SS	M-RD89SS	
90,0	3.543	-	-	-	2	3		RD 90SS	P-RD90SS	M-RD90SS	
100,0	3.937	-	-	-	2	3		RD 100SS	P- RD100SS	M- RD100SS	
102,0	4.015	-	-	-	2	3		RD 102SS	P- RD102SS	M- RD102SS	
114,0	4.488	-	-	-	2	2,5	29,0	RD 114SS	P- RD114SS	M- RD114SS	
											TD- 28.5*

120,0	4.724	-	-	-	1,5	2		RD 120SS	P- RD120SS	M- RD120SS	
140,0	5.512	-	-	-	1,5	2		RD 140SS	P- RD140SS	M- RD140SS	

* Puller included in the kit

Square punch					
Hole size		Material max thickness (mm)		Pilot hole Ø	Code
Nominal		Stainless Steel	Mild Steel		
(mm)	(inch)				
21,0 x 21,0	.827 x .827	2,5	3,5	12,0	RD 21X21
46,0 x 46,0	1.811 x 1.811	2,0	3,0	22,5	RD 46X46
68,0 x 68,0	2.677 x 2.677	1,5	2,0		RD 68X68
92,0 x 92,0	3.622 x 3.622				RD 92X92
126,0 x 126,0	4.960 x 4.960	1,0	1,5	28,5	RD 126X126
138,0 x 138,0	5.433 x 5.433				RD 138X138
220,0 x 220,0	8.661 x 8.661				RD 220X220

Rectangular punch					
Hole size		Material max thickness (mm)		Pilot hole Ø	Code
Nominal		Stainless Steel	Mild Steel		
(mm)	(inch)				

18,0 x 46,0	.709 x 1.811	2,0	2,0	16,5	RD 18X46
22,0 x 30,0	.866 x 1.181				RD 22X30
22,0 x 46,0	.866 x 1.811				RD 22X46
35,0 x 86,0	1.377 x 3.385				RD 35X86
35,0 x 112,0	1.377 x 4.409				RD 35X112
36,0 x 46,0	1.417 x 1.811			23,8	RD 36X46
37,0 x 54,0	1.456 x 2.125	1,5	2,0	16,5	RD 37X54
37,0 x 67,0	1.456 x 2.637				RD 37X67
37,0 x 88,0	1.456 x 3.464			26,5	RD 37X88
37,0 x 104,0	1.456 x 4.094				RD 37X104
37,0 x 115,0	1.456 x 4.527				RD 37X115
46,0 x 54,0	1.811 x 2.126			22,5	RD 46X54
46,0 x 72,0	1.811 x 2.835				RD 46X72
46,0 x 107,0	1.811 x 4.212				RD 46X107
50,0 x 98,0	1.968 x 3.858				RD 50X98
67,0 x 126,0	2.637 x 4.960				28,5

Stainless Steel = Rm= 700 N/mm² - Mild Steel = Rm= 500 N/mm²

USE OF NON-Cembre PUNCHING ACCESSORIES

Code	Punch & Die	Pilot hole Ø mm
KIT TRD-9,4C (*)	KLAUKE, GREENLEE 3/8" - 24 UNF	Ø 9.7
KIT TRD-M11C (*)	IMB, BM, COSMEC (M11x1.5)	Ø 11.5
TD-M16C	IMB, BM, COSMEC (M16x1.5)	Ø 16.5 or KIT RD17.5SS

(*) The washer supplied with the KIT must be threaded onto the draw stud and positioned between the head and the die to allow the die to rest correctly.

PULLER-TYPE HOLE PUNCHING TOOL HT-FL75

Technical characteristics

PROPERTIES

Maximum diameter pierceable	140 mm
Length	452 mm
Width	129 mm
Weight	3.67 kg



PULLER-TYPE HOLE PUNCHING TOOL HT-FL75

In the same kit

Nest

Puller TD-11

Puller TD-19

Storage

- Plastic case VAL P28

Tools

- KITHT-FL75-1

Drill Bits

- Spiral bit Ø 11,5 mm YG1

Products used together

Nest

Dies RD

RD100SS	RD126X126	RD138X138
RD140SS	RD18X46	RD21X21
RD220X220	RD22X30	RD22X46
RD35X112	RD35X86	RD36X46
RD37X104	RD37X115	RD37X54
RD37X67	RD37X88	RD46X107
RD46X46	RD46X54	RD46X72
RD50X98	RD51.4SS	RD52.4SS
RD68X68	RD72X136	RD89SS
RD90SS	RD92X92	