

PULLER-TYPE HOLE PUNCHING TOOL HT-FL75

Max punching diameter 4.724 in.

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 (mm)		Pilot hole Ø (mm)	Type	
Nominal		Pg	ISO	GAS	Stainless Steel	Mild Steel		KIT (Punch + Die)	Puller
Ø (mm)	Ø (inch)								
15,5	.610	Pg9	-	-			11,5	RD15.5SS	TD-11
16,2	.638	-	ISO-16	-				RD16.2SS	
17	.669	-	-	G3/8"				RD17SS	
17,5	.689	-	-	-				RD17.5SS	
18,8	.740	Pg11	-	-				RD18.8SS	
19,1	.752	-	-	-				RD19.1SS	
20,5	.807	Pg 13,5	ISO-20	-				RD20.5SS	
21,5	.846	-	-	G1/2"				RD21.5SS	
22,6	.890	Pg16	-	-				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		RD23.8SS	TD- 19
25,4	1.000	-	ISO- 25	-				RD25.4SS	
27	1.063	-	-	G3/4"				RD27SS	
28,5	1.122	Pg21	-	-				RD28.5SS	
30,5	1.201	-	-	G7/8"				RD30.5SS	
28,5	1.122	Pg 21	-	-			20	RD28.5SS- 19	
30,5	1.201	-	-	G7/8"				RD30.5SS- 19	
31,8	1.252	-	-	-				RD31.8SS	
32,5	1.279	-	ISO- 32	-				RD32.5SS	
34	1.338	-	-	G1"				RD34SS	
34,6	1.362	-	-	-				RD34.6SS	
37,2	1.464	Pg29	-	-				RD37.2SS	
38,1	1.500	-	-	-				RD38.1SS	
38,5	1.515	-	-	G1"1/8"				RD38.5SS	
40,5	1.594	-	ISO- 40	-				RD40.5SS	
41,3	1.626	-	-	-				RD41.3SS	
42,5	1.673	-	-	G1"1/4"				RD42.5SS	
43,2	1.701	-	-	-				RD43.2SS	
44,5	1.752	-	-	-				RD44.5SS	
47,2	1.858	Pg36	-	-				RD47.2SS	
48,5	1.909	-	-	G1"1/2"		RD48.5SS			
50,5	1.988	-	ISO- 50	-		RD50.5SS			
51,4	2.023	-	-	-		RD51.4SS			
52,4	2.063	-	-	-		RD52.4SS			

54,2	2.134	Pg42	-	G1"3/4"				RD54.2SS	
60	2.362	Pg48	-	G2"				RD60SS	
60,5	2.381	-	-	-				RD60.5SS	
64	2.520	-	ISO-63	-				RD64SS	
65	2.559	-	-	-				RD65SS	
76	2.992	-	-	G2"1/2"		3		RD76SS	
76,5	3.011	-	-	-		3,5		RD76.5SS	
80,5	3.169	-	-	-		3		RD80.5SS	
89	3.503	-	-	G3"		3,5		RD89SS	
90	3.543	-	-	-	2	3		RD90SS	
100	3.937	-	-	-	2	3	29	RD100SS	
102	4.015	-	-	-	2	3		RD102SS	
114	4.488	-	-	-	2	2,5		RD114SS	TD-28.5*
120	4.724	-	-	-	1,5	2		RD120SS	
140	5.512	-	-	-	1,5	2		RD140SS	

* Puller included in the kit

SQUARE PUNCH					
Hole Diameter		Material max thickness (mm)		Pilot hole Ø (mm)	Type
Nominal		Stainless Steel	Mild Steel		KIT (Punch + Die + Puller)
Ø (mm)	Ø (inch)				
21,0 x 21,0	.827 x .827	2,5	3,5	12	RD21X21
46,0 x 46,0	1.811 x 1.811			26,5	RD46X46

68,0 x 68,0	2.677 x 2.677	1,5	2	22,5	RD68X68
92,0 x 92,0	3.622 x 3.622				RD92X92
126,0 x 126,0	4.960 x 4.960				RD126X126
138,0 x 138,0	5.433 x 5.433	1	1,5	28,5	RD138X138
220,0 x 220,0	8.661 x 8.661				RD220X220

		RECTANGULAR PUNCH			
Hole Diameter		Material max thickness (mm)		Pilot hole Ø	Type
Nominal		Stainless Steel	Mild Steel		(mm)
Ø (mm)	Ø (inch)				
18,0 x 46,0	.709 x 1.811	2		16,5	RD18X46
22,0 x 30,0	.866 x 1.181				RD22X30
22,0 x 46,0	.866 x 1.811				RD22X46
35,0 x 86,0	1.377 x 3.385				RD35X86
35,0 x 112,0	1.377 x 4.409				RD35X112
36,0 x 46,0	1.417 x 1.811			23,8	RD36X46

37,0 x 54,0	1.456 x 2.125	1,5	2	16,5	RD37X54
37,0 x 67,0	1.456 x 2.637				RD37X67
37,0 x 88,0	1.456 x 3.464			26,5	RD37X88
37,0 x 104,0	1.456 x 4.094				RD37X104
37,0 x 115,0	1.456 x 4.527				RD37X115
46,0 x 54,0	1.811 x 2.126				RD46X54
46,0 x 72,0	1.811 x 2.835				RD46X72
46,0 x 107,0	1.811 x 4.212			RD46X107	
50,0 x 98,0	1.968 x 3.858			RD50X98	
67,0 x 126,0	2.637 x 4.960			28,5	RD67X126

"D" PUNCH					
Hole Diameter		Material max thickness (mm)		Pilot hole Ø	Type
Nominal		Stainless Steel	Mild Steel		
Ø (mm)	Ø (inch)				
(a)38,3 x (b)36,6	(a)1.507 x (b)1.442	2,5	3,5	18,5	RD18D
(a)43,1	(a)1.696				

x (b)41,5	x (b)1.632				RD24D
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Acciaio inox = Rm= 700 N/mm² - Acciaio dolce = Rm= 500 N/mm²

USE OF NON-CEMBRE PUNCHING ACCESSORIES		
Type	Punch & Die	Pilot Hole Ø mm
TRD-9,4C (*)	KLAUKE, GREENLEE 3/8" - 24 UNF	Ø 9.7
TRD-M11C (*)	IMB, BM, COSMEC (M11x1.5)	Ø 11.5
TD-M16C	IMB, BM, COSMEC (M16x1.5)	Ø 16.5 RD17.5SS
TD27	COSMEC (Ø105÷Ø140)	Ø 27.5
TD14X14-M14	COSMEC 46x46	Ø 18.8
TD120X20- M20	COSMEC 92x92	Ø 27.5
TD20X20-M20	B M , C O S M E C 42x95	Ø 27.5
TGD- 13.5X13.5-M13	COSMEC 40x40; 45x45; 46x46	Ø 18.8
TGD-10X10- M9	COSMEC 006505	Ø 13.8

(*) 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

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Technical characteristics

PROPERTIES

Maximum diameter pierceable	5.51 in.
Length	17.8 in.
Width	5.08 in.
Weight	8.07 lbs.



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In the same kit

Puller

Puller TD

Puller TD-11

Puller TD-19

Storage

- Plastic case VAL P28

Drill Bits

- Spiral bit Ø 0.45 in. YG1

Products used together

Nest

Dies RD

RD100SS	RD102SS	RD114SS
RD120SS	RD126X126	RD138X138
RD140SS	RD18.8SS	RD18D
RD18X46	RD19.1SS	RD20.5SS
RD21X21	RD220X220	RD22X30
RD22X46	RD23.8SS	RD24D
RD25.4SS	RD27SS	RD28.5SS
RD28.5SS-19	RD30.5SS	RD30.5SS-19
RD31.8SS	RD32.5SS	RD34.6SS
RD34SS	RD35X112	RD35X86
RD36X46	RD37.2SS	RD37X104
RD37X115	RD37X54	RD37X67
RD37X88	RD38.1SS	RD38.5SS
RD40.5SS	RD41.3SS	RD42.5SS
RD43.2SS	RD44.5SS	RD46X107
RD46X46	RD46X54	RD46X72
RD47.2SS	RD48.5SS	RD50.5SS
RD50X98	RD51.4SS	RD52.4SS
RD54.2SS	RD60SS	RD64SS
RD65SS	RD67X126	RD68X68
RD76SS	RD80.5SS	RD89SS
RD90SS	RD92X92	

