

PULLER-TYPE HOLE PUNCHING HEAD RH-FL75

general features

Hydraulic head, for hole punching stainless steel, soft steel, fibreglass and plastic sheet materials up to 3,5 mm thickness. Compact and lightweight, easy to handle in confined spaces due to a rotating 90deg quick automatic coupler for connection to a hydraulic pump with a working pressure of 700 bar max. Supplied with Pullers TD-11, TD-19 and spiral bit Ø 11,4 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		

TD-

44,5	1.752	-	-	-			20,0	RD 44.5SS	P- RD44.5SS	M- RD44.5SS	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	29,0	RD 100SS	P- RD100SS	M- RD100SS	TD-28.5*	
102,0	4.015	-	-	-	2	3		RD 102SS	P- RD102SS	M- RD102SS		
114,0	4.488	-	-	-	2	2,5		RD 114SS	P- RD114SS	M- RD114SS		
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	
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* 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				RD 18X46

22,0 x 30,0	.866 x 1.181	2,0	2,0	16,5	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
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 HEAD RH-FL75

Technical characteristics

PROPERTIES

Width	106 mm
Length	163 mm
Diameter of the hole	140 mm
Weight	1.9 kg
Nominal pressure	700 bar
Type of action	Hole punching



PULLER-TYPE HOLE PUNCHING HEAD RH-FL75

Products used together

Nest

Dies RD

RD100SS	RD120SS	RD126X126
RD138X138	RD140SS	RD15.5SS
RD16.2SS	RD17.5SS	RD18.8SS
RD18X46	RD19.1SS	RD20.5SS
RD21X21	RD22.6SS	RD220X220
RD22X30	RD22X46	RD23.8SS
RD25.4SS	RD27SS	RD28.5SS
RD28.5SS-19	RD30.5SS	RD30.5SS-19
RD31.8SS	RD32.5SS	RD34.0SS
RD34.6SS	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	RD50.5SS	RD50X98
RD51.4SS	RD52.4SS	RD54.2SS
RD60SS	RD64SS	RD65SS
RD68X68	RD72X136	RD76SS
RD80.5SS	RD89SS	RD90SS
RD92X92		

Tools

18V Battery pump B1300PL - B1300PL

Electrically driven Hydraulic pump CPE-1-110 - CPE-1-110

HYDRAULIC PUMPS B70M-P24-CH - B70M-P24-CH

HYDRAULIC PUMPS PO7000 - PO7000

ELECTRICALLY DRIVEN HYDRAULIC PUMP CPE-1 - CPE-1

HYDRAULIC PUMPS B70M-P24 - B70M-P24

HYDRAULIC PUMPS CPP-0 - CPP-0

In the same kit

Storage

CASE VAL - Plastic case VAL P29