

Note for Tools – Draw Bolts for Manual Operation



Round Punches – Mobile Devices

Dimensions ø in mm	Order No.		Draw bolt ø 9.5 without ball bearing (2683-0710-50-00)	Draw bolt ø 9.5 with ball bearing (2683-1710-62-00)	Draw bolt ø 19 with ball bearing (2683-1719-75-00)
	Punch draw bolt thread				
	9,5	19			
12,2	2623-0812-20-00		X	X	
12,7	2623-0812-70-00		X	X	
14	2623-0814-00-00		X	X	
15,2	2623-0815-20-00		X	X	
16,2	2623-0816-20-00		X	X	
17,3	2623-0817-30-00		X	X	
18,6	2623-0818-60-00		X	X	
19	2623-0819-00-00		X	X	
20,2	2623-0820-20-00		X	X	
20,4	2623-0820-40-00		X	X	
21,3	2623-0821-30-00		X	X	
22,5	2623-0822-50-00		X	X	
23,8	2623-0823-80-00		X	X	
24,5	2623-0824-50-00		X	X	
25,2	2623-0825-20-00		X	X	
27	2623-0827-00-00		X	X	
28,3		2623-0828-30-00			X
28,5	2623-0828-50-00		X	X	
30,5	2623-0830-51-00		X	X	
30,5		2623-0830-50-00			X
32		2623-0832-00-00			X
32,2		2623-0832-20-00			X
32,2	2623-0832-21-00		X	X	
33,3	2623-0833-30-00		X	X	
34,1		2623-0834-10-00			X
35	2623-0835-01-00		X	X	
35,1		2623-0835-00-00			X
37		2623-0837-00-00			X
38		2623-0838-00-00			X
38,1	2623-0838-11-00		X	X	
40,2		2623-0840-20-00			X
41,2		2623-0841-20-00			X
43,3		2623-0843-30-00			X
45,5		2623-0845-50-00			X
47		2623-0847-00-00			X
50,2		2623-0850-20-00			X
54		2623-0854-00-00			X
56,5		2623-0856-50-00			X
60		2623-0860-00-00			X
63,2		2623-0863-20-00			X
64,4		2623-0864-40-00			X
66,6		2623-0866-60-00			X
70		2623-0870-00-00			X
75,2		2623-0875-20-00			X
76,2		2623-0876-20-00			X
80		2623-0880-00-00			X
82		2623-0882-00-00			X
88,5		2623-0888-50-00			X
92		2623-0892-00-00			X
102		2623-0810-20-00			X
114,3		2623-0811-43-00			X
120		2623-0812-01-00			X

Round Punches Plus (Stainless Steel) – Mobile Devices

Dimensions \varnothing in mm	Punch draw bolt thread	Order No.	Draw bolt \varnothing 9.5 without ball bearing (2683-0710-50-00)	Draw bolt \varnothing 9.5 with ball bearing (2683-1710-62-00)	Draw bolt \varnothing 11,1 with ball bearing (2683-1711-50-00)	Draw bolt \varnothing 19 with ball bearing (2683-1719-75-00)
15,2	9,5	2682-0815-20-25	x	x		
16,2	9,5	2682-0816-20-25	x	x		
18,6	11,1	2682-0818-60-25			x	
20,2	11,1	2682-0820-20-25			x	
20,4	11,1	2682-0820-40-25			x	
22,5	11,1	2682-0822-50-25			x	
25,2	11,1	2682-0825-20-25			x	
28,5	19	2682-0828-50-25				x
30,5	19	2682-0830-50-25				x
32,2	19	2682-0832-20-25				x
37	19	2682-0837-00-25				x
40,2	19	2682-0840-20-25				x
47	19	2682-0847-00-25				
50,2	19	2682-0850-20-25				
54	19	2682-0854-00-25				
60	19	2682-0860-00-25				
63,2	19	2682-0863-20-25				

Round Punch Kits – Mobile Devices

Description	Draw bolt thread	Order No.	Draw bolt \varnothing 9.5 without ball bearing (2683-0710-50-00)	Draw bolt \varnothing 9.5 with ball bearing (2683-1710-62-00)	Draw bolt \varnothing 11,1 with ball bearing (2683-1711-50-00)	Draw bolt \varnothing 19 with ball bearing (2683-1719-75-00)
Round punch kit Plus	9,5/11,1/19	2682-7816-50-26		x	x	x
Metric round punch kit	9,5/19	2623-7812-50-00	x	x		x
		2683-7812-50-20	x	x		x
Round punch kit PG1	9,5	2623-7812-30-00	x	x		
		2683-7812-30-20	x	x		
Round punch kit PG2	9,5/19	2623-7812-60-00	x	x		x
		2683-7812-60-30	x	x		x

Sheet Metal Shell Drill Bit/Step Drill Bit/Accessories – Mobile Devices

Description	Dimensions	Order No.
Step Drill	\varnothing 6; 8; 10; 11,5; 12,5; 14,5; 17; 21 mm \varnothing 0,24"; 0,31"; 0,39"; 0,45"; 0,49"; 0,57"; 0,67"; 0,83"	2632-0000-08-21
Combined step drill metric	for fine threads M12; M16; M20; M25; M32; M40	2632-0000-10-40
Combined step drill PG	for PG7; PG11; PG13,5; PG16; PG21	2632-0312-30-00
Sheet metal shell drill bit	8 – 20	2631-0200-15-42
	4 – 30,5	2631-0305-15-43
Coated sheet metal shell drill bit	8 – 20	2631-0200-35-42
	4 – 30,5	2631-0350-35-43
Sheet metal shell drill bit set		2631-0350-35-43
Drilling paste		2631-0600-15-49
High performance cutting oil		2684-0700-25-00



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