



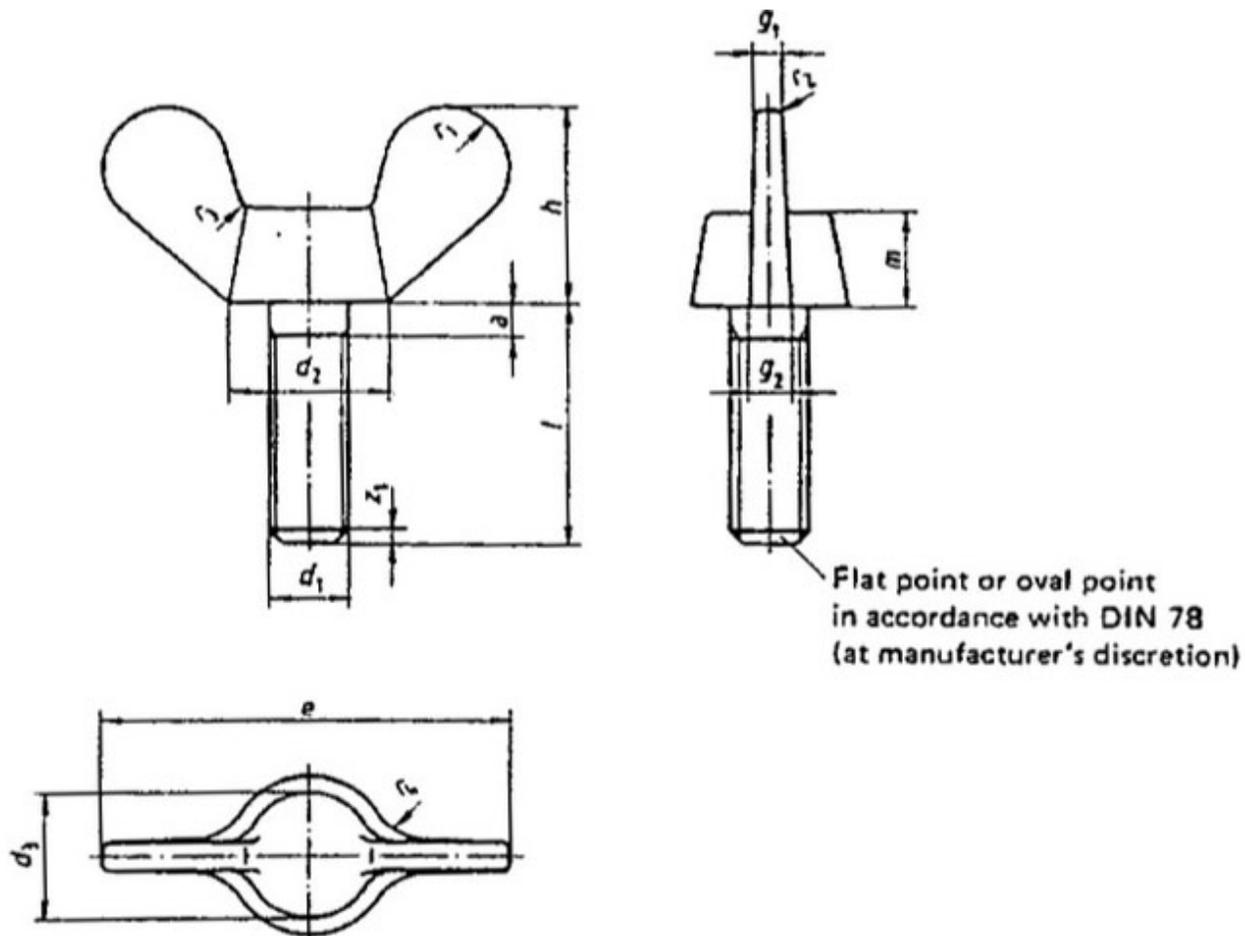
(<https://www.fasteners.eu/>)

DIN 316 D - Wing screws with rounded wings

Current norm: DIN 316

Equivalent norms: CSN 021365;





Legend:

d1 - the nominal diameter of the thread

P - thread pitch

l - length of bolt

d2 - head diameter

d3 - head diameter

e - bolt width

m - head height

h - head height including wings

a - length undercut

r1 - radius

r2 - radius

r3 - radius

g1 - width of the wing

g2 - width of the wing

Makings:

Steel: steel min. 400Mpa**Stainless:** A2,A4**Plastic:** -**Non Ferrous:** Brass**Thread:** 6g**Notes:**

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Table according to DIN 316:

		dimensions in mm						
Thread d1		M4	M5	M6	M8	M10	M12	M16
P		0,7	0,8	1	1,25	1,5	1,75	2
a	max.	2,1	2,4	3	4	4,5	5,3	6
d2	max.	8	11	13	16	20	23	29
	min.	6	8	10	13	17	20	26
d3	max.	7	9	11	12,5	16,5	19,5	23
	min.	5,5	7,5	9	10,5	14,5	17,5	21
e	max.	20	26	33	39	51	65	73
	min.	18	24	30	36	48	62	70
g1	max.	1,9	2,3	2,3	2,8	4,4	4,9	6,4
	min.	1,1	1,5	1,5	2	3,6	4,1	5,6
g2	max.	2,3	2,8	3,3	4,4	5,4	6,4	7,5
	min.	1,7	2,3	2,7	3,6	4,6	5,6	6,5
h	max.	10,5	13	17	20	25	33,5	37,5
	min.	8,5	11	15	18	23	31	35
m	max.	4,6	6,5	8	10	12	14	17

	min.	3,2	4	5	6,5	8	10	13	
r1	approx.	3	4	5	6	8	10	11	
r2	approx.	Radiused				1	1	1,2	
r3	approx.	0,5	1	1	1	1,2	1,2	1,6	
r4	approx.	2	2,5	3	3	5	6	7	
l			trade sizes						
nominal	min.	max.							
6	5,4	6,6	+						
8	7,3	8,7	+	+	+				
10	9,3	10,7	+	+	+	+			
12	11,1	12,9	+	+	+	+			
(14)	13,1	14,9	+	+	+	+			
16	15,1	16,9	+	+	+	+	+	+	
(18)	17,1	18,9	+	+	+	+	+	+	
20	19	21	+	+	+	+	+	+	
25	24	26		+	+	+	+	+	
30	29	31		+	+	+	+	+	
35	33,8	36,2			+	+	+	+	
40	38,8	41,2			+	+	+	+	
50	48,8	51,2				+	+	+	
60	58,5	61,5					+	+	

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