



ELESA original design VDN.FP-A / VDN.FP+I-A

2 Bore code

- B** Without keyway
- K** With keyway

4 Type

- A** Without handle
- D** With revolving handle

Specification

- Plastic
Duroplast (Phenolic PF)
- High strength reinforced
- Temperature resistant up to 230 °F (110 °C)
- Hub bushing
Steel, blackened finish, molded-in
- Threaded insert
Brass
- Revolving handles GN 598
- Plastic, Duroplast (Phenolic PF)
Black, smooth glossy finish
- Threaded spindle
Steel zinc plated, blue passivated finish
- RoHS compliant

Information

EN 520.1 Solid disk handwheels are renowned in particular for the matte passivated aluminum ring in the front.

The tough, reinforced black plastic (Duroplast PF) and high gloss polished surface give the disk handwheels a touch of elegance.

The ergonomic handle is easy to grasp and makes the disk handwheels easier to use.

see also...

- Countersunk Washers GN 184 (for Axial Fixing)
- Solid Disk Handwheels EN 520.6 (Plastic, Hub Bushing Stainless Steel)
- Solid Disk Handwheels EN 524 (Plastic, Hub Bushing Steel)
- Solid Disk Handwheels EN 521 (Plastic, Hub Bushing Steel)

On request

- Other modifications such as inch or metric bores, set screw holes, etc.

How to order	1 Handwheel diameter d_1
1 2 3 4	2 Bore code
EN 520.1-80-B5/16-A	3 Bore diameter d_2
	4 Type

How to order	1 Handwheel diameter d_1
1 2 3 4	2 Bore code
EN 520.1-125-K12-D	3 Bore diameter d_2
	4 Type

Inch table

Dimensions in: inches - millimeters

d₁	d₂ +0.001 Bore	d₃	d₄ Type A Type D	d₅ Type A Type D	d₆ Type A Type D	d₇	b Type A Type D	l₁	l₂ Type A Type D	l₃ Type A Type D	l₄	r	Ø Handle						
3.15 80	5/16	.79 20	.71 18	.71 18	1.10 28	1.10 28	1.69 43	1.69 43	1.18 30	.55 14	.55 14	.39 10	1.10 28	1.10 28	1.22 31	1.22 31	1.57 40	1.26 32	.71 18
3.94 100	3/8	.94 24	.87 22	.79 20	1.38 35	1.38 35	2.13 54	2.13 54	1.54 39	.59 15	.83 21	.47 12	1.42 36	1.32 33.5	1.57 40	1.81 46	1.97 50	1.54 39	.83 21
4.92 125	3/8	1.26 32	1.04 26.5	1.04 26.5	1.73 44	1.73 44	2.76 70	2.76 70	1.81 46	.59 15	1.10 28	.59 15	1.50 38	1.50 38	1.73 44	2.24 57	2.56 65	1.97 50	.91 23
5.91 150	1/2	1.26 32	1.04 26.5	1.04 26.5	1.73 44	1.97 50	2.76 70	3.15 80	1.89 48	.71 18	1.18 30	.59 15	1.50 38	1.50 38	1.93 49	2.40 61	2.56 65	2.44 62	.91 23
6.89 175	1/2	1.57 40	1.30 33	1.30 33	2.17 55	2.17 55	3.54 90	3.54 90	2.20 56	.75 19	1.26 32	.59 15	1.69 43	1.69 43	2.13 54	2.60 66	3.15 80	2.85 72.5	1.02 26
7.87 200	5/8	1.57 40	1.30 33	1.30 33	2.17 55	2.17 55	3.54 90	3.54 90	2.36 60	.83 21	1.26 32	.59 15	1.69 43	1.69 43	2.28 58	2.68 68	3.54 90	3.23 82	1.10 28
8.86* 225*	5/8	1.93 49	-	1.57 40	-	2.60 66	-	4.33 110	2.60 66	-	1.30 33	.59 15	-	1.75 44.5	-	2.80 71	3.54 90	3.70 94	1.10 28
9.84 250	5/8	1.93 49	1.57 40	1.57 40	2.60 66	2.60 66	4.33 110	4.33 110	2.76 70	.98 25	1.42 36	.59 15	1.73 44	1.75 44.5	2.56 65	2.99 76	3.54 90	4.17 106	1.10 28

* only available in type D

Metric table

Dimensions in: millimeters - inches

d₁	d₂ H7 Bore	d₃	d₄ Type A Type D	d₅ Type A Type D	d₆ Type A Type D	d₇	b Type A Type D	l₁	l₂ Type A Type D	l₃ Type A Type D	l₄	r	Ø Handle							
50 1.97	10	-	16 .63	16 .63	16 .63	-	25 .98	25 .98	26 1.02	12 .47	12 .47	9 .35	19 .75	19 .75	22 .87	22 .87	28 1.10	19 .75	14 .55	
63 2.48	10	-	20 .79	20 .79	20 .79	-	31 1.22	31 1.22	28 1.10	13 .51	13 .51	10 .39	24 .94	24 .94	28 1.10	28 1.10	40 1.57	24 .94	18 .71	
80 3.15	10	12	20 .79	18 .71	18 .71	28 1.10	28 1.10	43 1.69	43 1.69	30 1.18	14 .55	14 .55	10 .39	28 1.10	28 1.10	31 1.22	31 1.22	40 1.57	32 1.26	18 .71
100 3.94	10	12	24 .94	22 .87	20 .79	35 1.38	35 1.38	54 2.13	54 2.13	39 1.54	15 .59	21 .83	12 .47	36 1.42	33.5 1.32	40 1.57	46 1.81	50 1.97	39 1.54	21 .83
125 4.92	12	14	32 1.26	26.5 1.04	26.5 1.04	44 1.73	44 1.73	70 2.76	70 2.76	46 1.81	15 .59	28 1.10	15 .59	38 1.50	38 1.50	44 1.73	57 2.24	65 2.56	50 1.97	23 .91
140 5.51	14	-	32 1.26	26.5 1.04	26.5 1.04	44 1.73	44 1.73	70 2.76	70 2.76	48 1.89	18 .71	28 1.10	15 .59	38 1.50	38 1.50	46 1.81	55 2.17	65 2.56	58 2.28	23 .91
150 5.91	14	16	32 1.26	26.5 1.04	26.5 1.04	44 1.73	50 1.97	70 2.76	80 3.15	48 1.89	18 .71	30 1.18	15 .59	38 1.50	38 1.50	49 1.93	61 2.40	65 2.56	62 2.44	23 .91
175 6.89	16	18	40 1.57	33 1.30	33 1.30	55 2.17	55 2.17	90 3.54	90 3.54	56 2.20	19 .75	32 1.26	15 .59	43 1.69	43 1.69	54 2.13	66 2.60	80 3.15	72.5 2.85	26 1.02
200 7.87	18	20	40 1.57	33 1.30	33 1.30	55 2.17	55 2.17	90 3.54	90 3.54	60 2.36	21 .83	32 1.26	15 .59	43 1.69	43 1.69	58 2.28	68 2.68	90 3.54	82 3.23	28 1.10
225* 8.86*	20	22	49 1.93	-	40 1.57	-	66 2.60	-	110 4.33	66 2.60	-	33 1.30	15 .59	-	44.5 1.75	-	71 2.80	90 3.54	94 3.70	28 1.10
250 9.84	22	24*	49 1.93	40 1.57	40 1.57	66 2.60	66 2.60	110 4.33	110 4.33	70 2.76	25 .98	36 1.42	15 .59	44 1.73	44.5 1.75	65 2.56	76 2.99	90 3.54	106 4.17	28 1.10
300 11.81	26	-	58 2.28	58 2.28	58 2.28	94 3.70	94 3.70	148 5.83	148 5.83	82 3.23	25 .98	36 1.42	18 .71	56 2.20	56 2.20	75 2.95	87 3.43	90 3.54	132 5.20	28 1.10

* only available in type D

1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4

