



access components

unlock your potential with Wixroyd's
vast range of **key access components**



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AN ESSENTRA COMPANY



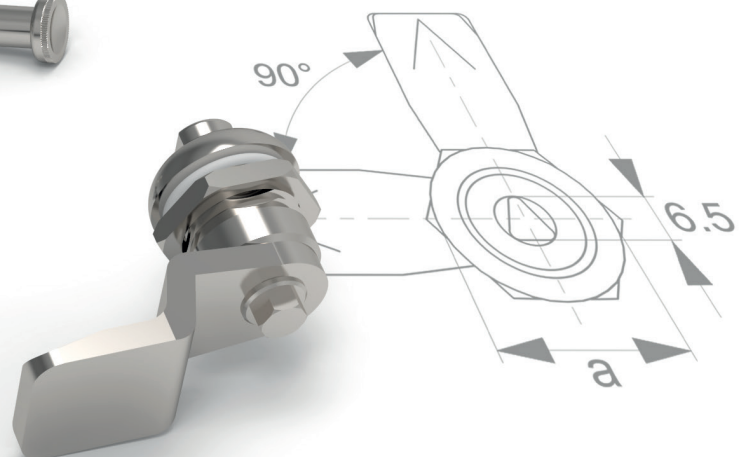
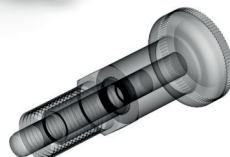
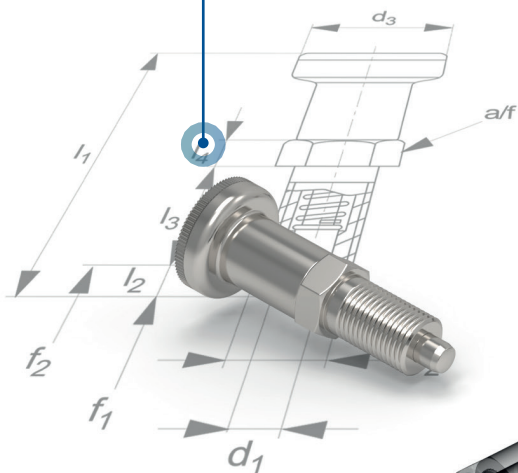
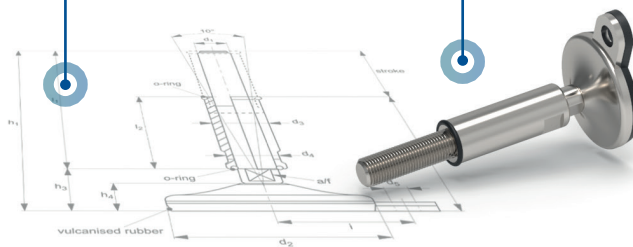
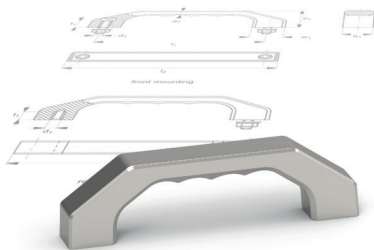
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We are Wixroyd

Wixroyd is a trusted UK **supplier of precision-engineered access components** designed to help product design engineers overcome complex assembly and usability challenges. From **cam latches and locks, swing handles and paddle latches, to hinges, dampers, stays, catches, drawer slides** and more, our extensive range is built for durability, ease of integration, and reliability in demanding environments. By combining ergonomic functionality with consistent dimensional accuracy, Wixroyd components simplify design, reduce prototyping time, and ensure end products perform flawlessly in the field - helping engineers bring robust, user-friendly equipment to market faster and with fewer compromises.

What sets Wixroyd apart is our focus on problem-solving through design flexibility. With thousands of variations available - including **different materials, finishes, and load capacities** - our components give engineers the freedom to tailor solutions to their exact requirements. Whether you need to maximise space, improve operator safety, or extend product lifespan, Wixroyd's expertise and broad range provide the practical solutions to keep your projects moving efficiently from concept to production.

Save time and money!

Download CAD models **from our extensive library** for use in your application!



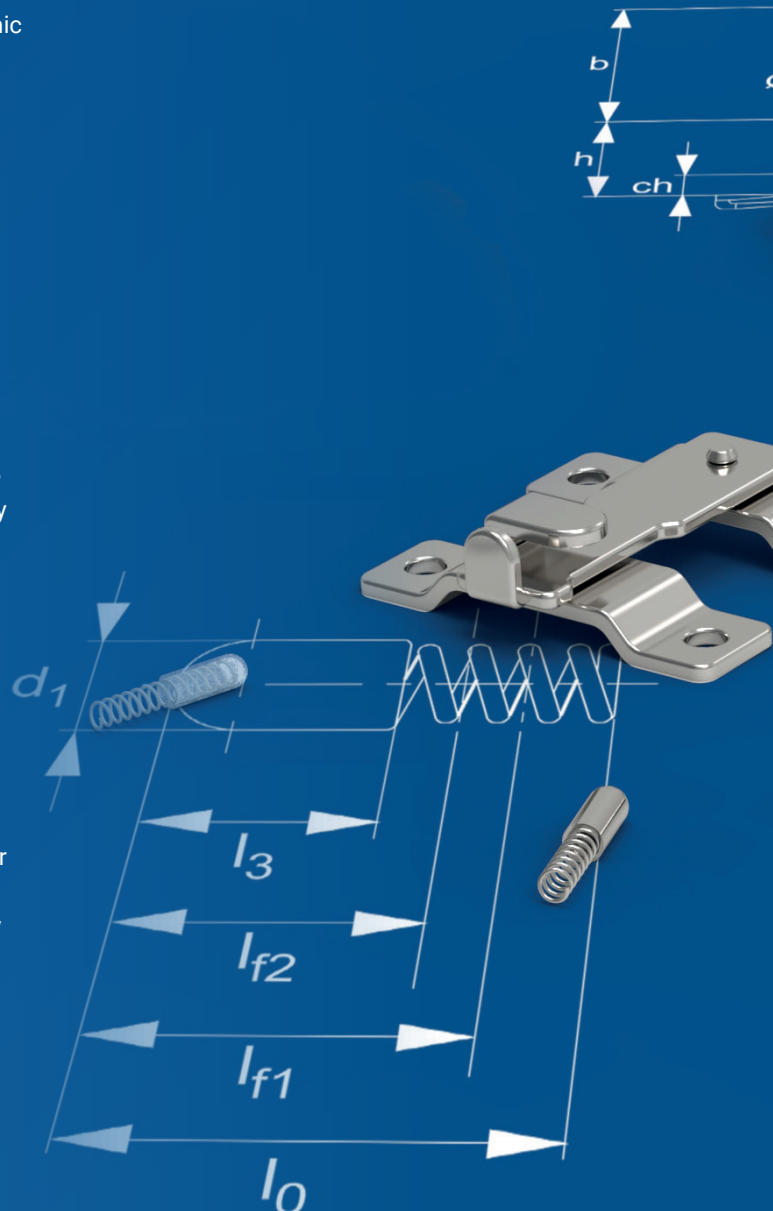
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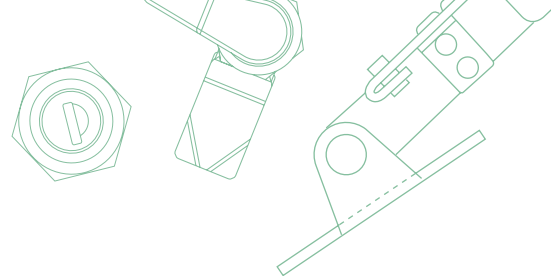
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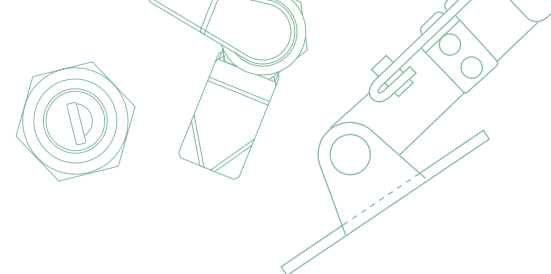
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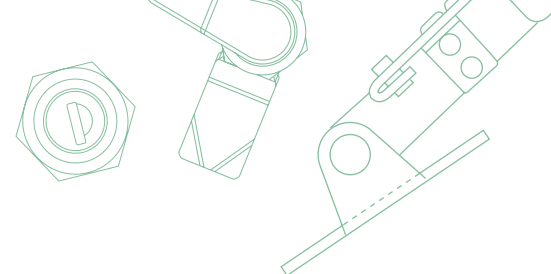
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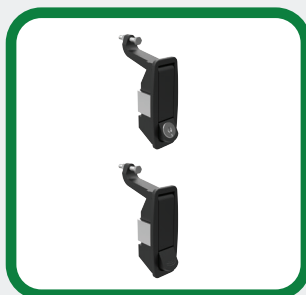
Cam Latches & Locks

Offering security and reliability on enclosures, our range of locks cater to various industrial needs. With options including cylinder locks, T and L-handles, mini locks, and snap-on locks, we provide versatile solutions for secure enclosure and cabinet fastening, machine access panels and tool lockers. The locks are easy to install and are made with precision, meeting industry standards to ensure durability and optimal performance.

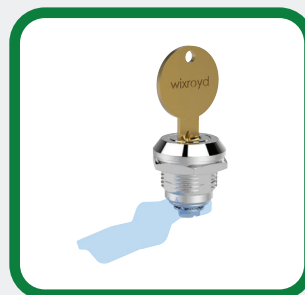
- Cam latches and locks materials: steel, stainless steel, plastic
- Cam locks with keyed alike or keyed to differ keys
- Cam latches with insert driver such as square, triangle, slotted
- Compression latches to reduce vibration
- Handle and lever latches for easier operating



CAM LATCHES



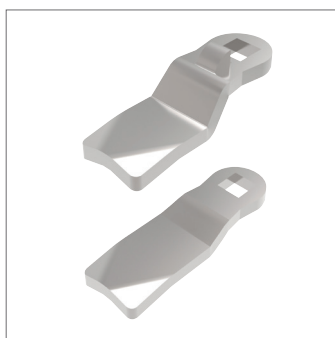
COMPRESSION
LATCHES



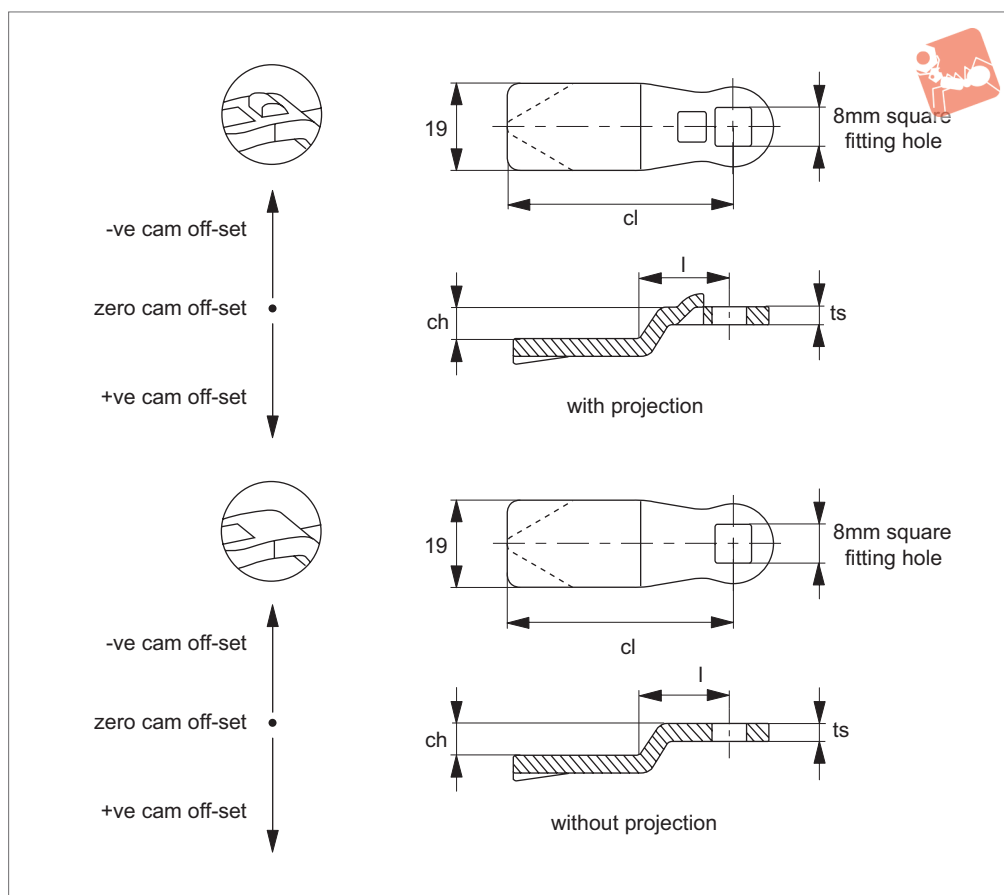
CAM LOCKS



LEVER LATCHES



A0203



Material

Steel, zinc plated.

Technical Notes

Use formula to calculate ch (required cam off-set), and select from product table below;

$ch = h - lh$ where;

ch = required cam off-set/height.

h = grip length (distance between inside of latch face and front of cam).

lh = body length of cam latch/lock to be used (see individual latch/lock product table).

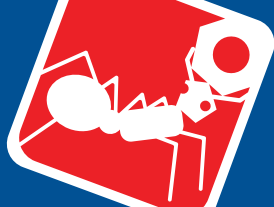
Refer to installation drawing below.

Important Notes

Suitable for Flexi-System latches. „With projection“ type ensures correct location and prevents cam rotating over 45°. **See cam selection chart for specific latch/lock suitability.**

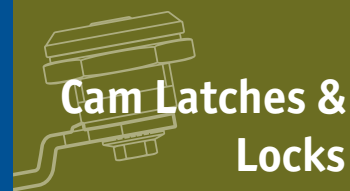
Sold subject to pack quantity.

Order No.	Type	ch	cl	ts	Where lh = 18	Where lh = 18,5	Where lh = 20	Where lh = 24	Where lh = 30	Where lh = 40	Where lh = 50	Where lh = 60
A0203.AW0300	With Projection	0	35	3	18.5	20.0	24.0	30	40	50	60	52
A0203.AW0302	With Projection	2	35	3	20.5	22.0	26.0	32	42	52	62	52
A0203.AW0304	With Projection	4	35	3	22.5	24.0	28.0	34	44	54	64	52
A0203.AW0308	With Projection	8	35	3	26.5	28.0	32.0	38	48	58	68	52
A0203.AW0310	With Projection	10	35	3	28.5	30.0	34.0	40	50	60	70	52
A0203.AW0400	With Projection	0	45	3	18.0	18.5	20.0	24	30	40	50	60
A0203.AW0402	With Projection	2	45	3	20.5	22.0	26.0	32	42	52	62	52
A0203.AW0403	With Projection	3	45	3	21.0	21.5	23.0	27	33	43	53	63
A0203.AW0404	With Projection	4	45	3	22.0	22.5	24.0	28	34	44	54	64
A0203.AW0406	With Projection	6	45	3	24.0	24.5	26.0	30	36	46	56	66
A0203.AW0407	With Projection	7	45	3	25.0	25.5	27.0	31	37	47	57	67
A0203.AW0408	With Projection	8	45	3	26.0	26.5	28.0	32	38	48	58	68
A0203.AW0410	With Projection	10	45	3	28.0	28.5	30.0	34	40	50	60	70
A0203.AW0412	With Projection	12	45	3	30.0	30.5	32.0	36	42	52	62	72
A0203.AW0414	With Projection	14	45	3	32.0	32.5	34.0	38	44	54	64	74
A0203.AW0416	With Projection	16	45	3	34.0	34.5	36.0	40	46	56	66	76
A0203.AW0418	With Projection	18	45	3	36.0	36.5	38.0	42	48	58	68	78
A0203.AW0420	With Projection	20	45	3	38.0	38.5	40.0	44	50	60	70	80
A0203.AW1302	With Projection	-2	35	3	16.5	18.0	22.0	28	38	48	58	52



Single Point Cams - Flexi-System

for cam latches and locks - steel - 8 x 8 Sq.

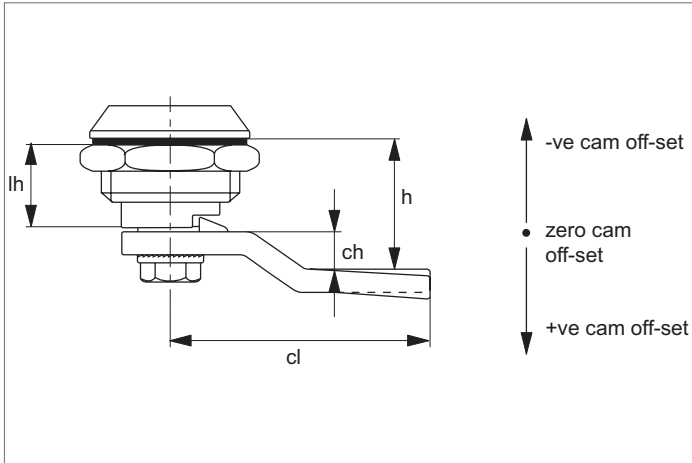


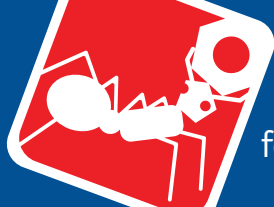
Order No.	Type	ch	cl	ts	Where lh = 18	Where lh = 18,5	Where lh = 20	Where lh = 24	Where lh = 30	Where lh = 40	Where lh = 50	Where lh = 60
A0203.AW1402	With Projection	-2	45	3	16.0	16.5	18.0	22	28	38	48	58
A0203.AW1404	With Projection	-4	45	3	14.5	16.0	20.0	26	36	46	56	52
A0203.AW1406	With Projection	-6	45	3	12.5	14.0	18.0	24	34	44	54	52
A0203.AW1408	With Projection	-8	45	3	10.5	12.0	16.0	22	32	42	52	52
A0203.AW5300	W/o Projection	0	35	4	18.0	18.5	20.0	24	30	40	50	60
A0203.AW5302	W/o Projection	2	35	4	20.0	20.5	22.0	26	32	42	52	62
A0203.AW5306	W/o Projection	6	35	4	24.0	24.5	26.0	30	36	46	56	66
A0203.AW5310	W/o Projection	10	35	4	28.0	28.5	30.0	34	40	50	60	70
A0203.AW5400	W/o Projection	0	45	3	18.0	18.5	20.0	24	30	40	50	60
A0203.AW5402	W/o Projection	2	45	3	20.0	20.5	22.0	26	32	42	52	62
A0203.AW5403	W/o Projection	3	45	21	21.5	23.0	27.0	33	43	53	63	52
A0203.AW5404	W/o Projection	4	45	3	22.0	22.5	24.0	28	34	44	54	64
A0203.AW5406	W/o Projection	6	45	3	24.0	24.5	26.0	30	36	46	56	66
A0203.AW5407	W/o Projection	7	45	3	25.0	25.5	27.0	31	37	47	57	67
A0203.AW5408	W/o Projection	8	45	3	26.0	26.5	28.0	32	38	48	58	68
A0203.AW5410	W/o Projection	10	45	3	28.0	28.5	30.0	34	40	50	60	70
A0203.AW5412	W/o Projection	12	45	3	30.0	30.5	32.0	36	42	52	62	72
A0203.AW5414	W/o Projection	14	45	3	32.0	32.5	34.0	38	44	54	64	74
A0203.AW5416	W/o Projection	16	45	3	34.0	34.5	36.0	40	46	56	66	76
A0203.AW5418	W/o Projection	18	45	3	36.0	36.5	38.0	42	48	58	68	78
A0203.AW5420	W/o Projection	20	45	3	38.0	38.5	40.0	44	50	60	70	80
A0203.AW6302	W/o Projection	-2	35	4	16.0	16.5	18.0	22	28	38	48	64
A0203.AW6402	W/o Projection	-2	45	3	16.0	16.5	18.0	22	28	38	48	58
A0203.AW6404	W/o Projection	-4	45	4	14.0	14.5	16.0	20	26	36	46	56
A0203.AW6406	W/o Projection	-6	45	4	12.0	12.5	14.0	18	24	34	44	54
A0203.AW6408	W/o Projection	-8	45	4	10.5	12.0	16.0	22	32	42	52	52
A0203.AW0305	With Projection	5	35	4	23.0	23.5	25.0	29	35	45	55	65
A0203.AW1304	With Projection	-4	35	4	14.0	14.5	14.5	20	26	36	46	56
A0203.AW1306	With Projection	-6	35	4	12.0	12.5	12.5	18	24	34	44	54
A0203.AW1308	With Projection	-8	35	4	10	10.5	10.5	16	22	32	42	52
A0203.AW1314	With Projection	-14	35	4	4.0	4.5	4.5	10	16	26	36	46
A0203.AW5308	W/o Projection	8	35	3	26.0	26.5	26.5	32	38	48	58	68
A0203.AW5322	W/o Projection	22	35	4	40.0	40.5	40.5	46	52	62	72	82
A0203.AW5324	W/o Projection	24	35	3	42.0	42.5	42.5	48	54	64	74	84
A0203.AW5326	W/o Projection	26	35	4	44.0	44.5	44.5	50	56	66	76	86
A0203.AW5328	W/o Projection	28	35	3	46.0	46.5	46.5	52	58	68	78	88
A0203.AW6306	W/o Projection	-6	35	3	12.0	12.5	12.5	18	24	34	44	54
A0203.AW6308	W/o Projection	-8	35	3	10.0	10.5	10.5	16	22	32	42	52
A0203.AW6310	W/o Projection	-10	35	4	8.0	8.5	8.5	14	20	30	40	50
A0203.AW5422	W/o Projection	22	45	3.4	40.0	40.5	42.0	46	52	62	72	82
A0203.AW5424	W/o Projection	24	45	3.4	42.0	42.5	44.0	48	54	64	74	84
A0203.AW5426	W/o Projection	26	45	3.4	44.0	44.5	46.0	50	56	66	76	86
A0203.AW5428	W/o Projection	28	45	3	46.0	46.5	48.0	52	58	68	78	88
A0203.AW6410	W/o Projection	-10	45	3.4	8.0	8.5	10.0	14	20	30	40	50
A0203.AW6412	W/o Projection	-12	45	3.4	6.0	6.5	8.0	12	18	28	38	48
A0203.AW6414	W/o Projection	-14	45	3.4	4.0	4.5	6.0	10	16	26	36	46
A0203.AW6416	W/o Projection	-16	45	3.4	2.0	2.5	4.0	8	14	24	34	44
A0203.AW6418	W/o Projection	-18	45	3.4	-	0.5	2.0	6	12	22	32	42
A0203.AW6420	W/o Projection	-20	45	3.4	-2.0	-1.5	-	4	10	20	30	40
A0203.AW6422	W/o Projection	-22	45	3.4	-4.0	-3.5	-2.0	2	8	18	28	38
A0203.AW0422	With Projection	22	45	3.4	40.0	40.5	42.0	46	52	62	72	82
A0203.AW0424	With Projection	24	45	4	42.0	42.5	44.0	48	54	64	74	84
A0203.AW0426	With Projection	26	45	4	44.0	44.5	46.0	50	56	66	76	86
A0203.AW0428	With Projection	28	45	4	46.0	46.5	48.0	52	58	68	78	88
A0203.AW0432	With Projection	32	45	3	50.0	50.5	52.0	56	62	72	82	92
A0203.AW1410	With Projection	-10	45	4	8.0	8.5	10.0	14	20	30	40	50
A0203.AW1412	With Projection	-12	45	4	6.0	6.5	8.0	12	18	28	38	48
A0203.AW1414	With Projection	-14	45	4	4.0	4.5	6.0	10	16	26	36	46
A0203.AW1420	With Projection	-20	45	4	-2.0	-1.5	-	4	10	20	30	40



Order No.	Type	ch	cl	ts	Where lh = 18	Where lh = 18,5	Where lh = 20	Where lh = 24	Where lh = 30	Where lh = 40	Where lh = 50	Where lh = 60
A0203.AW1422	With Projection	-22	45	4	-4.0	-3.5	-2.0	2	8	18	28	38

CAM LATCHES & LOCKS

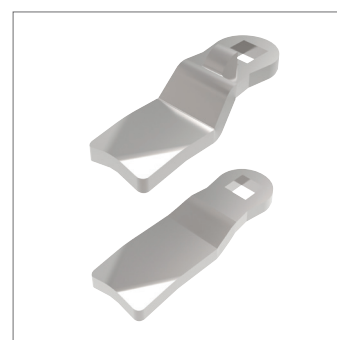
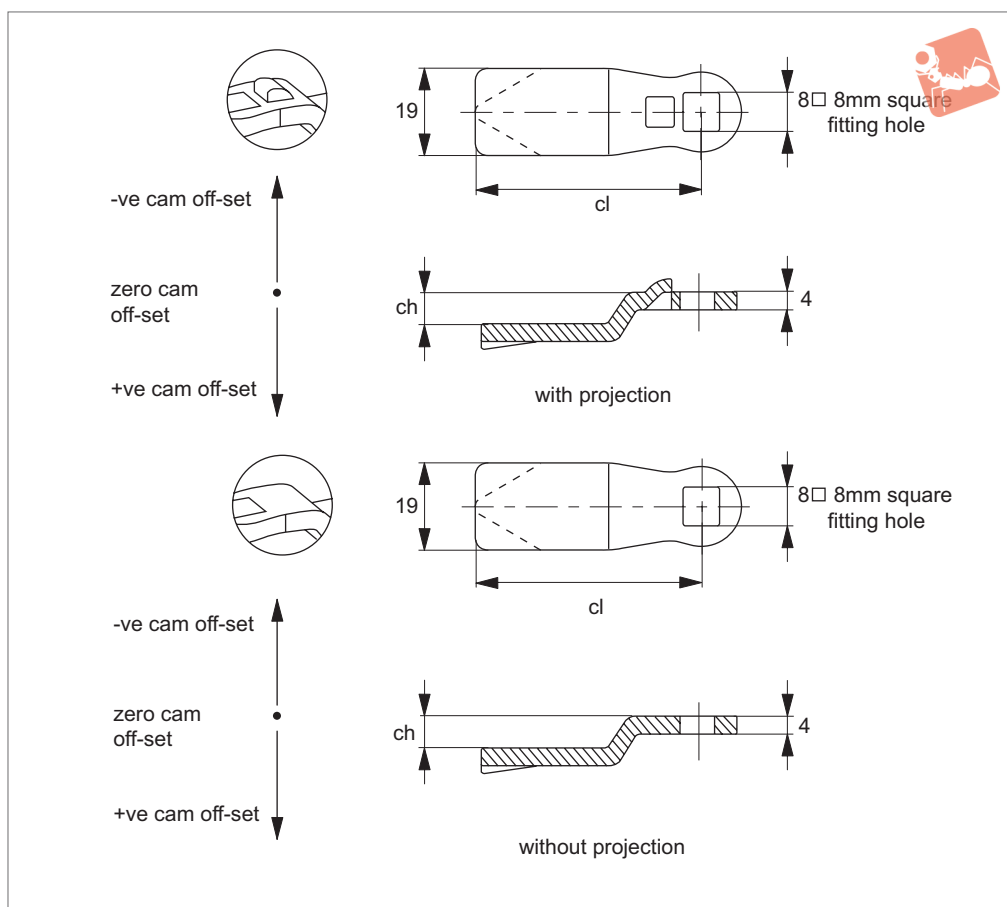




Single Point Cams - Flexi-System

for cam latches and locks - stainless steel - 8 x 8 Sq.

Cam Latches & Locks



A0210

CAM LATCHES & LOCKS

Material

Stainless steel, AISI 304.

Technical Notes

Use formula to calculate ch (required cam off-set), and select from product table below;

$ch = h - lh$ where;

ch = required cam off-set/height.

h = grip length (distance between inside of latch face and front of cam).

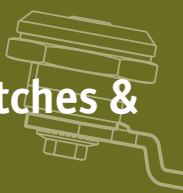
lh = body length of cam latch/lock to be used (see individual latch/lock product table).

Important Notes

Suitable for Flexi-System latches. „With projection“ type ensures correct location and prevents cam rotating over 45°. See **cam selection chart for specific latch/lock suitability.**

Sold subject to pack quantity.

Order No.	Type	ch	cl	Where $lh = 18$ h =	Where $lh = 18,5$ h =
A0210.HW0400	With Projection	0	45	18	18.5
A0210.HW0408	With Projection	8	45	26	26.5
A0210.HW0410	With Projection	10	45	28	28.5
A0210.HW0412	With Projection	12	45	30	30.5
A0210.HW0436	Without Projection	16	45	34	34.5
A0210.HW1420	With Projection	-20	45	-2	-1.5
A0210.HW1422	With Projection	-22	45	-4	-3.5
A0210.HW5422	Without Projection	22	45	40	40.5
A0210.HW5428	Without Projection	28	45	46	46.5
A0210.HW5430	Without Projection	30	45	48	48.5
A0210.HW6304	Without Projection	-4	45	14	14.5
A0210.HW6412	Without Projection	-12	45	6	6.5
A0210.HW6416	Without Projection	-16	45	2	2.5
A0210.HW6418	Without Projection	-18	45	0	0.5
A0210.HW6420	Without Projection	-20	45	-2	-1.5
A0210.HW6422	Without Projection	-22	45	-4	-3.5
A0210.HW6424	Without Projection	-24	45	-6	-5.5
A0210.MW0402	With Projection	2	45	20	20.5
A0210.MW0404	With Projection	4	45	22	22.5
A0210.MW0406	With Projection	6	45	24	24.5

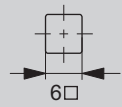
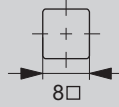
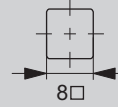
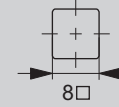


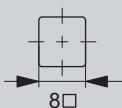
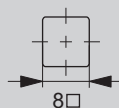
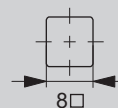
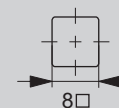
Order No.	Type	ch	cl	Where lh = 18 h =	Where lh = 18,5 h =
A0210.MW0420	Without Projection	0	45	18	18.5
A0210.MW0422	With Projection	22	45	40	40.5
A0210.MW0424	Without Projection	4	45	22	22.5
A0210.AW0426	Without Projection	6	45	24	24.5
A0210.AW0428	Without Projection	8	45	26	26.5
A0210.MW0430	Without Projection	10	45	28	28.5
A0210.AW0432	Without Projection	12	45	30	30.5
A0210.MW0434	Without Projection	14	45	32	32.5
A0210.MW0500	With Projection	20	45	38	38.5
A0210.MW0520	Without Projection	20	45	38	38.5
A0210.MW1414	With Projection	-14	45	4	4.5
A0210.MW5424	Without Projection	24	45	42	42.5
A0210.MW5426	Without Projection	26	45	44	44.5
A0210.MW6410	With Projection	-10	45	8	8.5
A0210.MW6414	Without Projection	-14	45	4	4.5

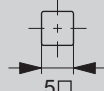
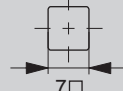
Order No.	Where lh = 20 h =	Where lh = 25 h =	Where lh = 30 h =	Where lh = 40 h =	Where lh = 50 h =	Where lh = 60 h =
A0210.HW0400	20	25	30	40	50	60
A0210.HW0408	28	33	38	48	58	68
A0210.HW0410	30	35	40	50	60	70
A0210.HW0412	32	37	42	52	62	72
A0210.HW0436	36	41	46	56	66	76
A0210.HW1420	0	5	10	20	30	40
A0210.HW1422	-2	3	8	18	28	38
A0210.HW5422	42	47	52	62	72	82
A0210.HW5428	48	53	58	68	78	88
A0210.HW5430	50	55	60	70	80	90
A0210.HW6304	16	21	26	36	46	56
A0210.HW6412	8	13	18	28	38	48
A0210.HW6416	4	9	14	24	34	44
A0210.HW6418	2	7	12	22	32	42
A0210.HW6420	0	5	10	20	30	40
A0210.HW6422	-2	3	8	18	28	38
A0210.HW6424	-4	1	6	16	26	36
A0210.MW0402	22	27	32	42	52	62
A0210.MW0404	24	29	34	44	54	64
A0210.MW0406	26	31	36	46	56	66
A0210.MW0420	20	25	30	40	50	60
A0210.MW0422	42	47	52	62	72	82
A0210.MW0424	24	29	34	44	54	64
A0210.AW0426	26	31	36	46	56	66
A0210.AW0428	28	33	38	48	58	68
A0210.MW0430	30	35	40	50	60	70
A0210.AW0432	32	37	42	52	62	72
A0210.MW0434	34	39	44	54	64	74
A0210.MW0500	40	45	50	60	70	80
A0210.MW0520	40	45	50	60	70	80
A0210.MW1414	6	11	16	26	36	46
A0210.MW5424	44	49	54	64	74	84
A0210.MW5426	46	51	56	66	76	86
A0210.MW6410	10	15	20	30	40	50
A0210.MW6414	6	11	16	26	36	46

Cam Latches, Locks and Swing Handles

Cam Selection Chart

Suitable With Projection Cams				
Compatible cam no.	A0261	A0203	A0210	A0240
Cam fitting hole	6 x 6 square 	8 x 8 square 	8 x 8 square 	8 x 8 square 
Cam latch / lock no.	A1261 / A1281 / A2390	A2503 / A2504 A2523 / A2528	A2503 / A2504 A2523 / A2528	A2503 / A2504 A2523 / A2528

Suitable Without Projection Cams Table 1				
Compatible cam no.	A0203	A0210	A0240	A0243
Cam fitting hole	8 x 8 square 	8 x 8 square 	8 x 8 square 	8 x 8 square 
Cam latch / lock no.	A1003 / A1021 / A1103 A1161 / A1168 / A1181 A1203 / A1210 / A1251 A1601 / A1620 / A1801 A2001 / A2203 / A2326 A2333 / A2392 / A2526 A4221 / A4241 / A4260 B1082 / B1086 / B1088 B1091 / B1092 / B1180 B1281 / B1285 / B1380 B1450 / B2091 / B2181	A1003 / A1021 / A1103 A1161 / A1168 / A1181 A1203 / A1210 / A1251 A1601 / A1620 / A1801 A2001 / A2203 / A2326 A2333 / A2392 / A2526 A4221 / A4241 / A4260 B1082 / B1086 / B1088 B1091 / B1092 / B1180 B1281 / B1285 / B1380 B1450 / B2091 / B2181	A1003 / A1021 / A1103 A1161 / A1168 / A1181 A1203 / A1210 / A1251 A1601 / A1620 / A1801 A2001 / A2203 / A2326 A2333 / A2392 / A2526 A4221 / A4241 / A4260 B1082 / B1086 / B1088 B1091 / B1092 / B1180 B1281 / B1285 / B1380 B1450 / B2091 / B2181	A1003 / A1021 / A1103 A1161 / A1168 / A1181 A1203 / A1210 / A1251 A1601 / A1620 / A1801 A2001 / A2203 / A2326 A2333 / A2392 / A2526 A4221 / A4241 / A4260 B1082 / B1086 / B1088 B1091 / B1092 / B1180 B1281 / B1285 / B1380 B1450 / B2091 / B2181

Suitable Without Projection Cams Table 2					
Compatible cam no.	A0250	A0234	A0215	A0231	A0233
Cam fitting hole	5 x 5 square 	6,3 dia. x 4,9 	7 x 7 square 	8 x 10 dia. 	8 x 10 dia. 
Cam latch / lock no.	A4600 / A4620	A1661 / A1667	B2082 / B2084 / B2086 B2088 / B2285 / B2380	A1603 / A1611 A1630 / A1810	A1603 / A1611 A1630 / A1810

Calculation of correct cam off-set

Cam off-set

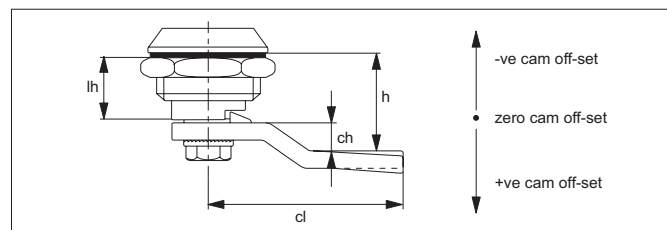
Use the formula to calculate your correct cam off-set:

$$ch = h - lh$$

ch = the required cam off-set.

h = distance between inside of lock face and front of cam (also referred to as "grip length").

lh = length of cam body to be used (refer to individual cam body data sheets).



Cam Off-Set (dimension ch)

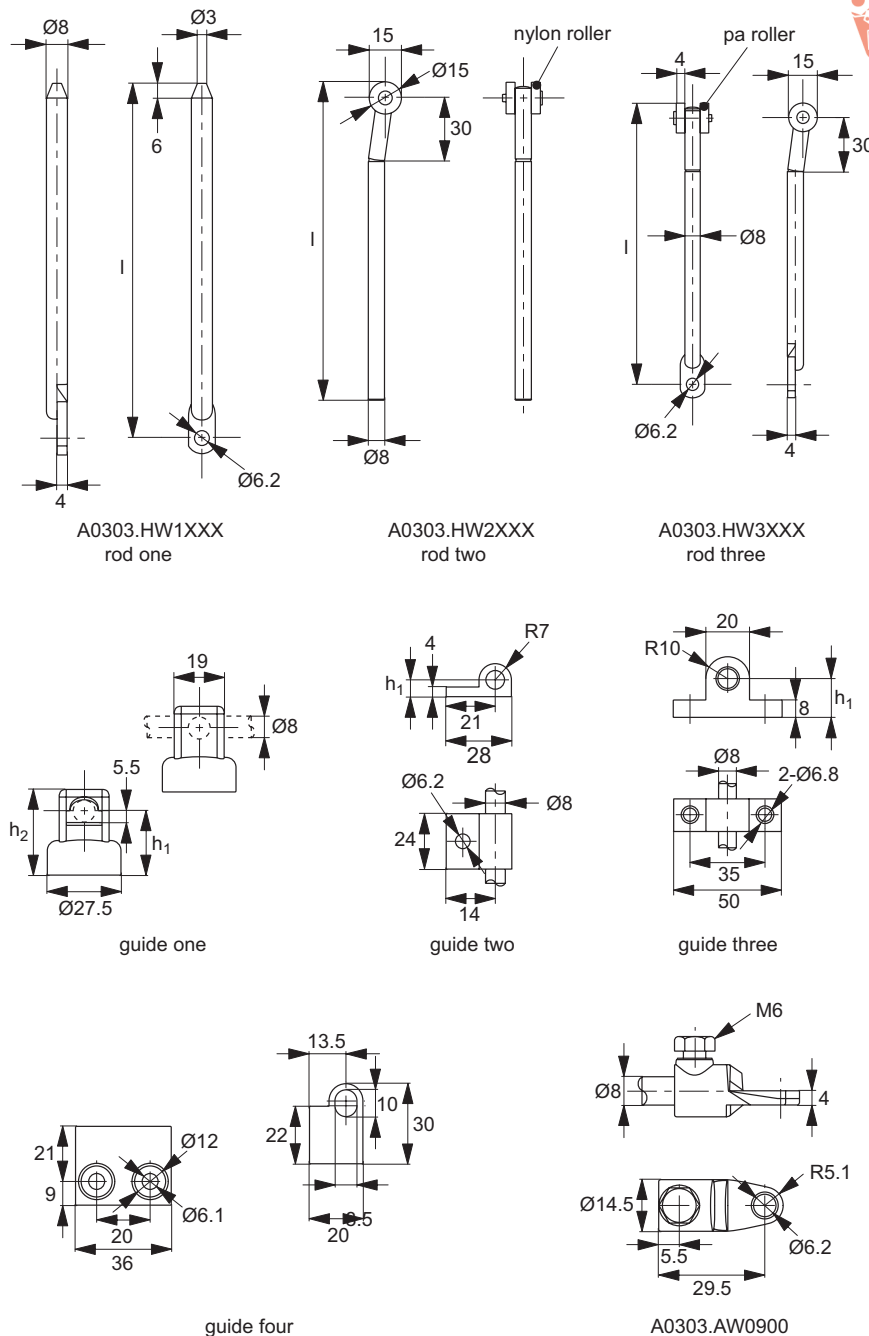
To ensure your cam fully and correctly engages with the frame of your door the correct cam off-set must be selected. A cam off-set can be either negative (-ve) or positive (+ve).

Cam Length (dimension cl)

Impacts reach of the cam to door frame and hence impacts positioning of cam body for installation. Cam length or reach is measured from the centre of the cam fixing hole to the cam's leading edge. Refer to individual cam body datasheets.



A0303



Material

Rod: steel, zinc plated. With Nylon or PA6 rollers.
Rod Guides One to Four: polyamide, PA6.
Rod Adaptor and Roller Adaptor: die cast zinc, zinc plated.

Technical Notes

For use with cam latches & locks, making a

full 3-point latching system.

Distance between base of rod and inside of door depends upon height of rod guide selected, see dimension h_1 .

Rod guides: fixed via counter sunk screw or weld-on stud.

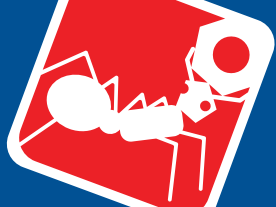
Rod adaptor: fits to any length of rod. If rod of different length is required, simply

cut oversized length with a saw.

Cams: see two point cams A0240 to achieve 3-point locking.

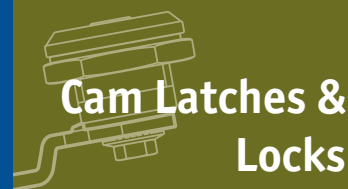
Important Notes

Please order rods, rod guides and rod adaptors separately.



Multi-Point Latching Set

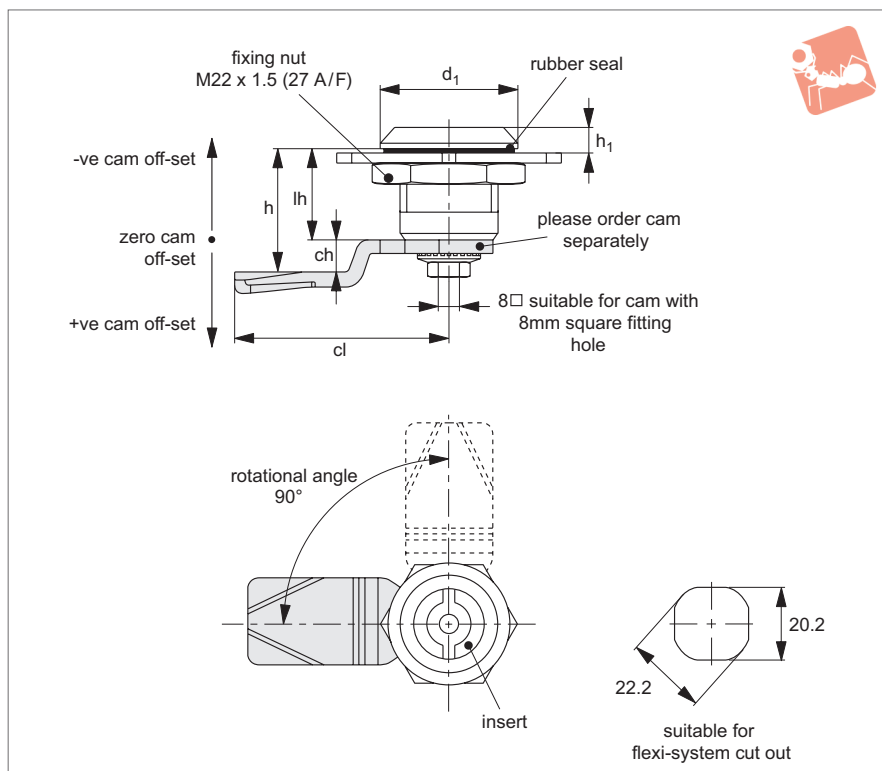
round rod - for cam latches and swing handles



Order No.	Type	Length	Length l	h ₁	h ₂	Weld screw
A0303.HW0861	Guide One	-	-	24	32	M 6 x 16
A0303.HW0862	Guide One	-	-	30	38	M 6 x 20
A0303.HW0863	Guide One	-	-	34	42	M 6 x 20
A0303.AW0881	Guide Two	-	-	7	-	-
A0303.AW0882	Guide Three	-	-	18	-	-
A0303.HW0900	Rod Adaptor	-	-	-	-	-
A0303.HW2060	Rod Two	-	-	-	-	-
A0303.HW2080	Rod Two	800	-	-	-	-
A0303.HW2100	Rod Two	1000	-	-	-	-
A0303.HW3100	Rod Three	1000	-	-	-	-
A0303.MW1060	Rod One	600	-	-	-	-
A0303.MW1080	Rod One	800	-	-	-	-
A0303.MW1100	Rod One	1000	-	-	-	-



A1103



Material

Body & Insert: stainless steel, AISI 304.
Insert fitted with O'ring to achieve IP54 rating. Internal spring provides 1,5mm torsion.

Supplied with: Nut: stainless steel.

Sealing washer: PU & Rubber.

Not supplied: CAM nor KEY - order separately.

Technical Notes

Order cam and key separately.

Cams: see suitable cam A0210. Select „without projection“ cam type. Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;

ch = h - lh where;

ch = required cam off-set/height.

h = grip length (distance between inside of latch face and front of cam).

lh = body length of cam latch/lock to be used (see product table below).

Keys: see A0102.

Rods & Guides: to achieve 3-point latching - A0303, A0321, A0325.

Order No.

Insert driver

d₁

h₁

lh

A1103.AW0020

Square 8

28

6

18

A1103.AW0040

Triangle 7

28

6

18

A1103.AW0050

Triangle 8

28

6

18

A1103.AW0060

3mm Double Bit

28

6

18

A1103.AW0070

4mm Double Bit

28

6

18

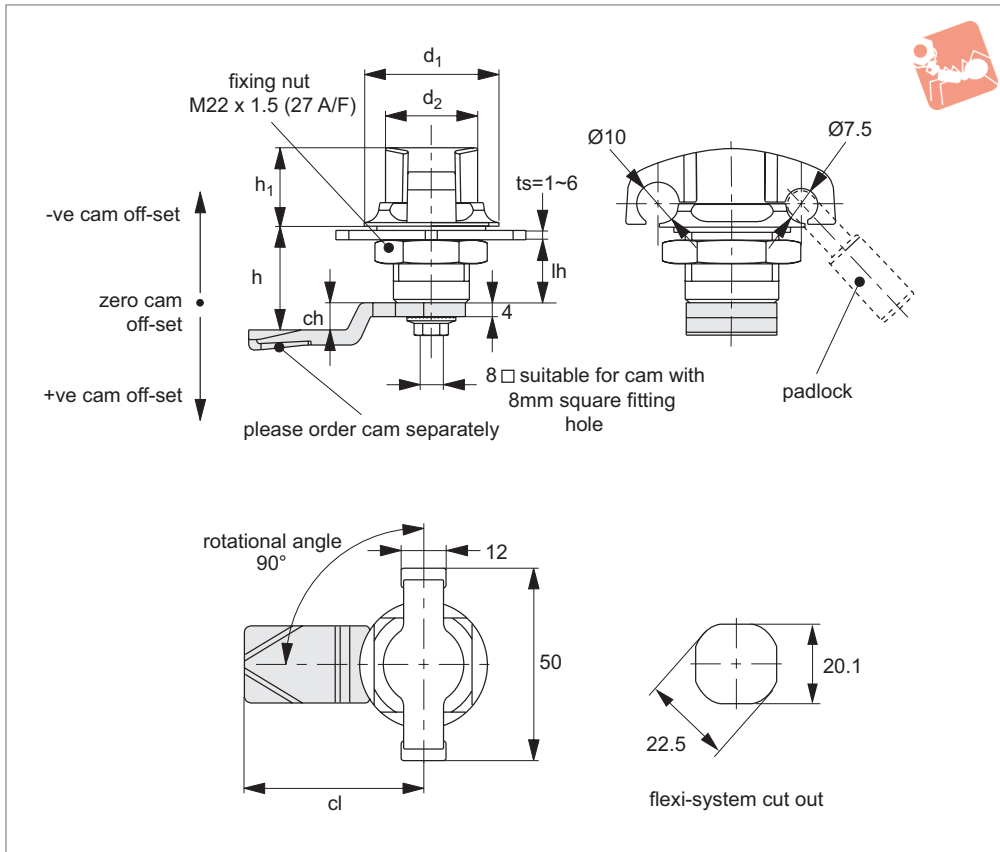
Available insert drivers:

Square 8	Triangle 7	Triangle 8	3mm Double Bit	4mm Double Bit
8	6.5	8	Ø 3	Ø 4



Cam Latches - Flexi-System padlock wing handle - fixed grip - zinc

Cam Latches & Locks



A1161

CAM LATCHES & LOCKS

Material

Body & Handle: die cast zinc, pocked black powder or chrome plated.

Not supplied: CAM - order separately.

Technical Notes

Order cam separately.

Cams: see suitable cam A0203, A0224 and A0240. Select „without projection“ cam type.

Dimensions ch and cl relate to cam. Use

formula to calculate ch (required cam off-set), and refer to cam selection chart;

ch = h - lh where;

ch = required cam off-set/height.

h = grip length (distance between inside of latch face and front of cam).

lh = body length of cam latch/lock to be used (see product table below).

Rods & Guides: to achieve 3-point latching - A0303, A0321, A0325.

Tips

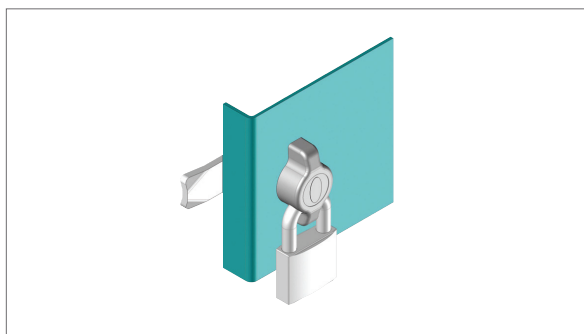
The wing knob can be locked by two sizes of padlock max. shackle dia. 7.5mm or 10mm. See technical diagram (padlock not supplied).

Panel thickness (ts) is 1 to 6mm max.

Important Notes

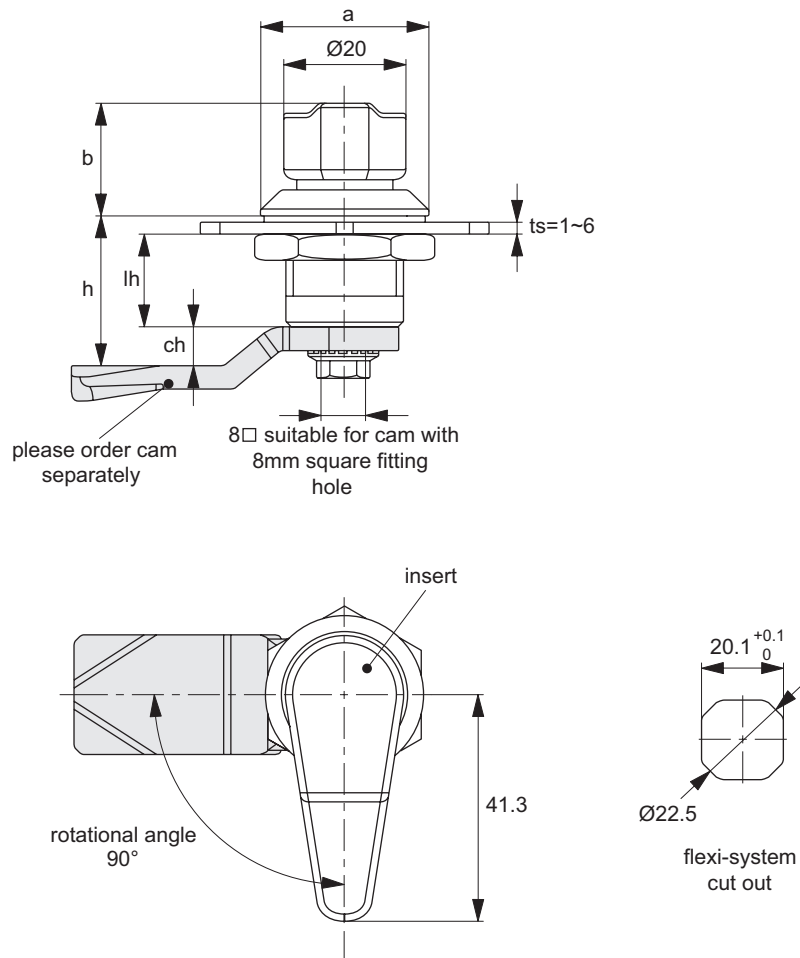
Sold subject to pack quantity.

Order No.	Type	d ₁	h ₁	d ₂	lh	Finish
A1161.AW0310	Black Coated	33	19	21	18	black coated





A1203



Material

Type one: Body: die cast zinc, black powder coated.

Handle: polyamide, black.

Type two: Body & handle: polyamide, black.

Technical Notes

Order cam separately.

Cams: see suitable cam A0203, A0224 and A0240. Select „without projection“ cam

type.

Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;

ch = h - lh where;

ch = required cam off-set/height.

h = grip length (distance between inside of latch face and front of cam).

lh = body length of cam latch/lock to be used (see product table below).

Rods & Guides: to achieve 3-point latching - A0303, A0321, A0325.

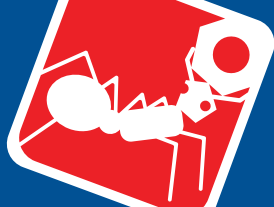
Tips

Finger knob actuates lock, and also acts as a handle.

Important Notes

Sold subject to pack quantity.

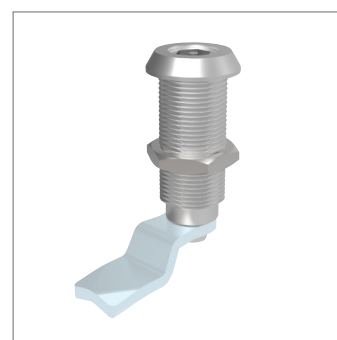
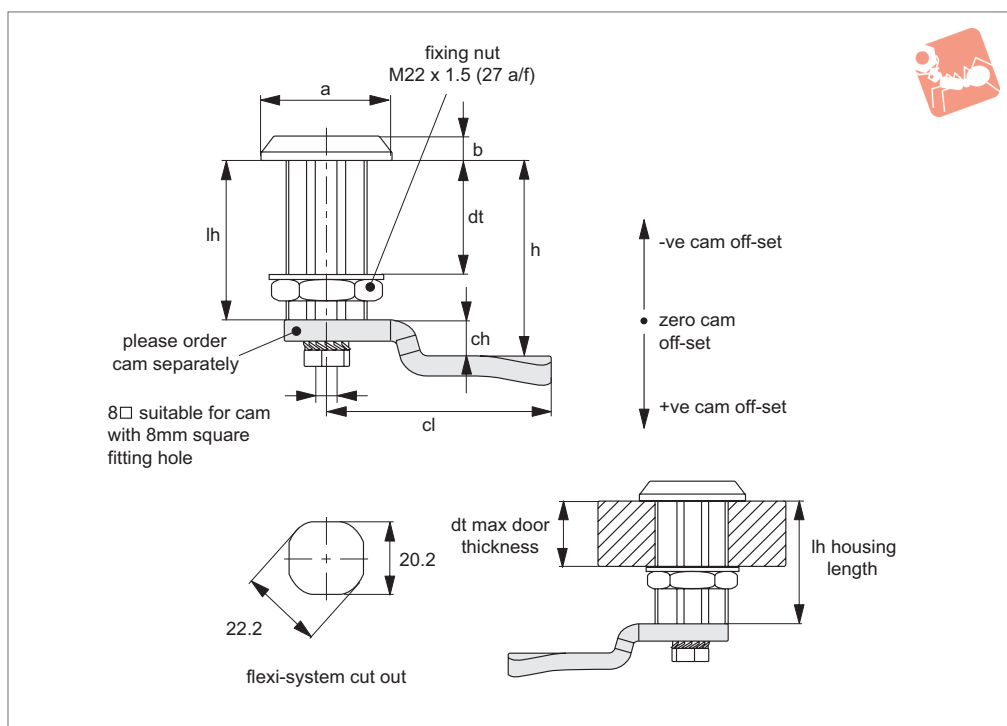
Order No.	Type	a	b	lh
A1203.MW0318	One Zinc	28	18	18
A1203.AW0328	One Zinc	28	18	28
A1203.AW0518	Two Polyamide	28	18	18
A1203.AW0536	Two Polyamide	28	18	36



Cam Latches - Flexi-System

insert driver - extended body - zinc

Cam Latches & Locks



A1251

CAM LATCHES & LOCKS

Material

Body & insert: die cast zinc, chrome plated.
Insert fitted with O'ring to achieve IP54 rating.

Supplied With: Nut: steel, zinc plated.
Sealing washer: PU & Rubber.

Not supplied: CAM nor KEY - order separately.

Technical Notes

Order cam and key separately.

Cams: see suitable cam A0203, A0224 and A0240. Select „without projection“ cam

type.

Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;

ch = h - lh where;

ch = required cam off-set/height.

h = grip length (distance between inside of latch face and front of cam).

lh = body length of cam latch/lock to be used (see product table below).

Keys: see A0102.

Rods & Guides: to achieve 3-point latching

- A0303, A0321, A0325.

Tips

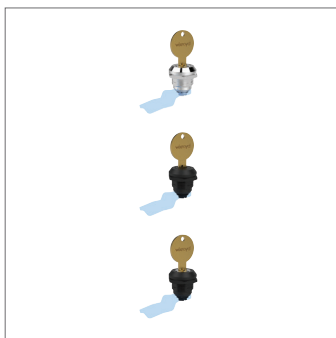
Ideal for air conditioning units, sound-proof or isolation doors, as well as wooden panels. Insert quarter-turn opening or closing.

Slotted insert driver does not require a key. Simply use a flat head screwdriver to actuate.

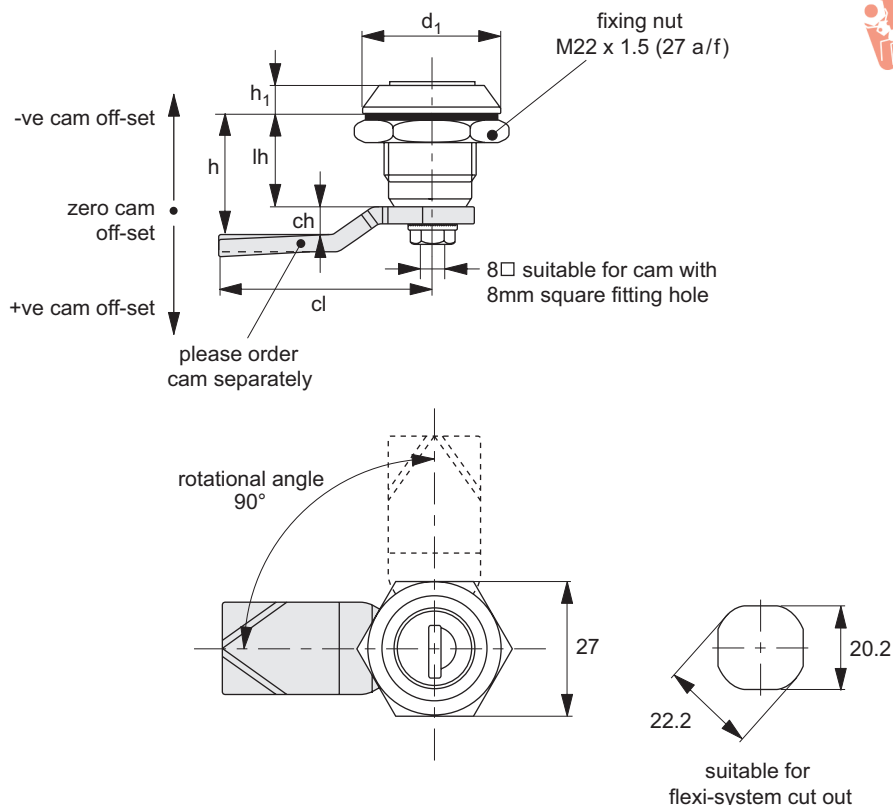
Important Notes

Sold subject to pack quantity.

Order No.	Insert driver	lh	dt	a	b
A1251.AW0011	Square 7	28	20	28	4
A1251.AW0021	Square 8	28	20	28	4
A1251.AW0041	Triangle 7	28	20	28	4
A1251.AW0051	Triangle 8	28	20	28	4
A1251.AW0061	3mm Double Bit	28	20	28	4
A1251.AW0071	4mm Double Bit	28	20	28	4
A1251.AW0081	Slotted (2x4)	28	20	28	4
A1251.AW0311	Square 7	36	30	28	4
A1251.AW0321	Square 8	36	30	28	4
A1251.AW0341	Triangle 7	36	30	28	4
A1251.AW0351	Triangle 8	36	30	28	4
A1251.AW0361	3mm Double Bit	36	30	28	4
A1251.AW0371	4mm Double Bit	36	30	28	4
A1251.AW0381	Slotted (2x4)	36	30	28	4
A1251.AW0511	Square 7	62	50	28	4
A1251.AW0521	Square 8	62	50	28	4
A1251.AW0551	Triangle 8	62	50	28	4
A1251.AW0561	3mm Double Bit	62	50	28	4
A1251.AW0571	4mm Double Bit	62	50	28	4
A1251.AW0581	Slotted (2x4)	62	50	28	4



A2001



Material

Type one & Two: Body: die cast zinc, finished in chrome plate or black powder coating.

Cylinder lock: die cast zinc, chrome plated.

Type Three: Body: polyamide.

Cylinder lock: die cast zinc, chrome plated.

Supplied with: Keys: two per lock.

Not supplied: CAM - order separately.

Technical Notes

Order cam separately.

Cams: see suitable cam A0203, A0224 and A0240. Select „without projection“ cam type.

Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;

ch = h - lh where;

ch = required cam off-set/height.

h = grip length (distance between inside of latch face and front of cam).

lh = body length of cam latch/lock to be

used (see product table below).

Rods & Guides: to achieve 3-point latching - A0303, A0321, A0325.

Tips

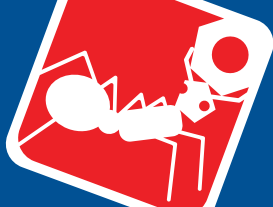
Quarter turn opening or closing.

Universal left and right application.

Important Notes

Sold subject to pack quantity.

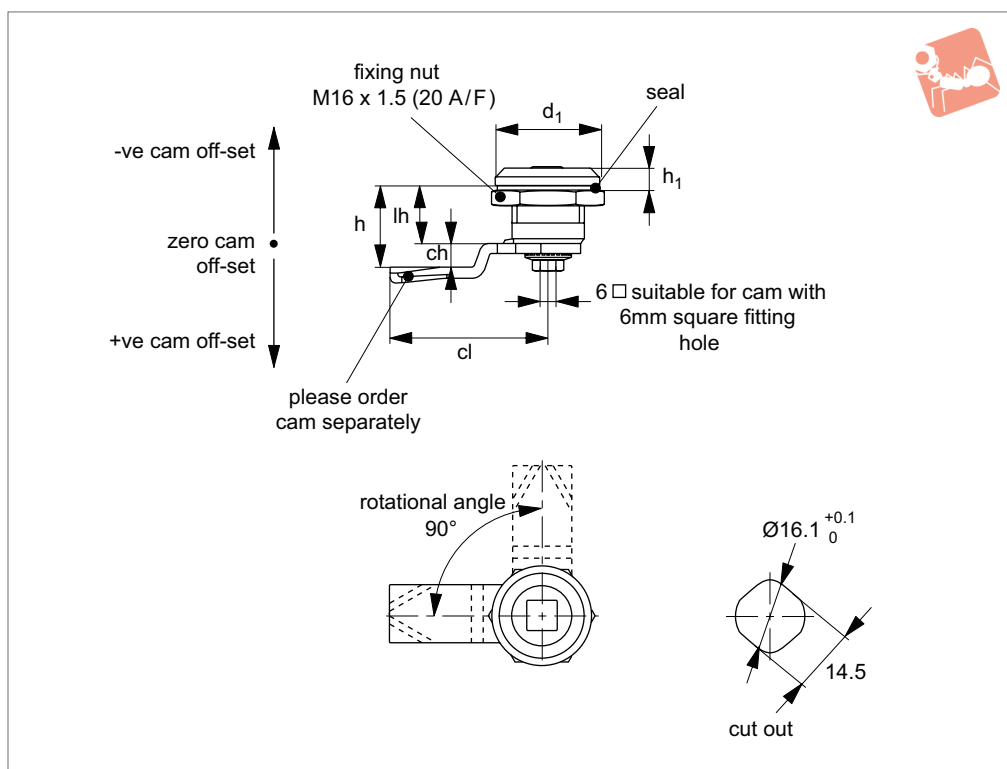
Order No.	Type	Body finish	Key type	d ₁	h ₁	lh
A2001.AW0010	One	Chrome Plated	Keyed Alike	28.0	6	20
A2001.AW0310	Two	Black Coated	Keyed Alike	28.0	6	18
A2001.AW0320	Two	Black Coated	Keyed to Differ	28.0	6	18
A2001.AW0330	Two	Black Coated	Euro	30.0	6	18
A2001.AW0510	Three	Plastic, Black	Keyed Alike	28.0	6	18
A2001.AW0520	Three	Plastic, Black	Keyed to Differ	28.0	6	18



Mini Cam Latches

insert driver - fixed grip

Cam Latches & Locks



A1261

CAM LATCHES & LOCKS

Material

Type one: Body & insert: die cast zinc, chrome plated or black powder coated.

Supplied with: One key per lock.

Not supplied: CAM - order separately.

Technical Notes

Order cam and key separately.

Cams: see suitable cam A0261. Select „with projection“ cam type to prevent cam

rotating over 45°.

Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;

ch = **h** - **lh** where;

ch = required cam off-set/height.

h = grip length (distance between inside of latch face and front of cam).

lh = body length of cam latch/lock to be

used (see product table below).

Keys: see A0102.

Tips

Mini cam latches for any application; securing doors, cabinets etc. Quarter-turn opening or closing.

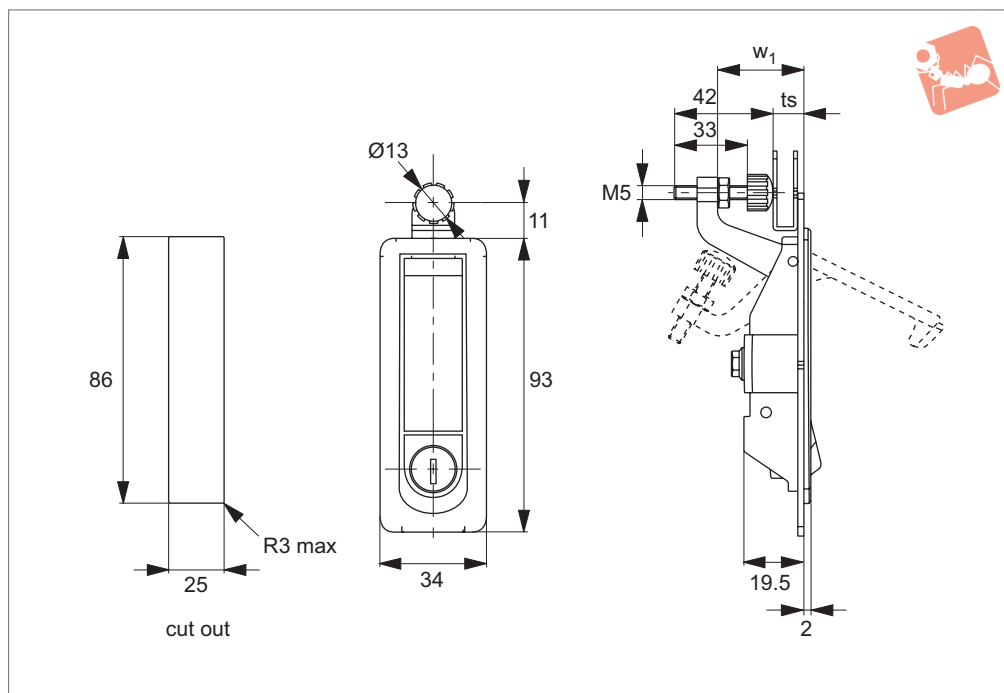
Important Notes

Sold subject to pack quantity.

Order No.	Insert driver	Finish	d ₁	h ₁	lh
A1261.AW0006	Square 6	Chrome	20	4	12.5
A1261.AW0078	Slot (2x4)	Chrome	20	4	12.5
A1261.AW0306	Square 6	Black Coated	20	4	12.5
A1261.AW0378	Slot (2x4)	Black Coated	20	4	12.5



A1707



Material

Body and handle and button: die cast zinc, black power coated.
Cylinder lock: die cast zinc.

Screw: steel, white zinc plated.

Supplied with: KEY.

Technical Notes

Grip length can be adjusted via screw between 1 and 20mm. Suitable for panel thickness 1-20mm.

Order No.	Finish	Lock type	ts grip adj.	w ₁
A1707.AW0710	Black Coated	Std. Cylinder with Keyed Alike	1-20	29
A1707.AW0720	Black Coated	Blank - No Lock	1-20	29
A1707.AW0910	Black Coated	Std. Cylinder with Keyed Alike	17-40	50
A1707.AW0920	Black Coated	Blank - No Lock	17-40	50

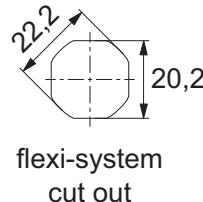
Selecting the Correct Cam Latch or Lock

When selecting a Wixroyd Cam Latch for your application, you need to answer these questions:

1. Which installation cut out?
2. Which body style?
3. Which locking key?
4. Which accessories?
5. Which cam type and size?

Cut out

All our Flexi-System cam latches use a standard installation cut out 22,2 dia, 20,2 square, for maximum flexibility. We also provide a number of alternative cut out dimensions for legacy/historical installations.



Step 1: Which installation cut out?

Material and finish

Select from our variety of die cast zinc, polyamide plastic and stainless versions.



Die-cast
zinc chrome
plate



Die-cast
zinc black
coated



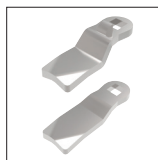
Polyamide
black



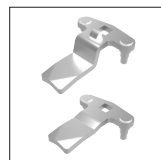
Stainless
steel

Number of latching points in application

Typically single point latching is required, but the Wixroyd Flexi-System also provides multi-point latching (typically 3 point - at lock point, top and bottom of cabinet).



Single point



Two point



Multi-point

Step 2: Which body style?

Actuation and locking method

Standard insert driver type, cylinder lock or wing handle type.



Insert driver



Cylinder lock



Wing handle

Standard insert driver keys

Our range of insert driver cam latches require a simple key to actuate. Refer to part A0102 and A0103 for correct keys.



Cylinder locking

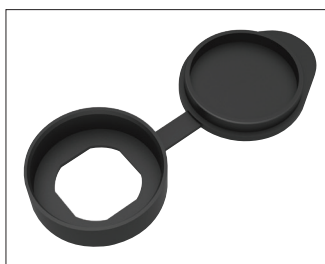
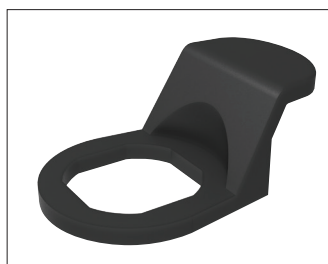
Our cam locks with cylinder locks are supplied with two keys per lock. Available as keyed alike or keyed to differ locks.



Step 3: Which locking key?

- Multi-point latching: use our rod set A0303 to A0325 for suitable rods and rod guides.
- Finger pulls: easily installed with any of our flexi-system cam bodies, finger pull no. A0352 is a simple, cost effective handle for your cabinets.
- Dust Cap: to reduce material ingress.

Step 4: Which accessories?



Cam and Compression Latches Product Selection Charts

Miscellaneous Cut out	Actuation Method		Body length (mm)	Body			Finishes			Cam Type		IP Rating
	Insert Driver	Cylinder Lock		Manual/Grip	Die-Cast Zinc	Polyamide Plastic	Stainless Steel	Chrome Plated	Black Coated	Natural	With Projection	
A1192 - Mini Cam Latch - Wing Handle - Fixed Grip												
	3	10	3				3					
Cams: Supplied - Keys: N/A												
A1506 - Panel Latches - Fixed Grip												
	3	25	3			3		3				54
Cams: Supplied - Keys: A0102												
A1520 - Cam Lock - Fixed Grip												
	3	18	3					3				
Cams: Supplied - Keys: A0102												
A1546 - Panel Latch - Uncovered												
	3	3	3				3					
Cams: Supplied - Keys: N/A												
A1561 - Panel Latch - with Cover												
	3	22,5	3					3				
Cams: Supplied - Keys: N/A												
A1701 - Compression Latch - Lever Latch - Flush Trigger												
	3		3				3					
Cams: N/A - Keys: Supplied												
A1707 - Compression Latch - Lever Latch - Raised Trigger												
	3	19	3				3					
Cams: Supplied - Keys: Supplied												
A1751 - Compression Latch - Lever Latch												
	3		3				3					
Cams: N/A - Keys: Supplied												

Miscellaneous Cut out	Actuation Method			Body length (mm)	Body	Finishes	Cam Type	IP Rating				
	Insert Driver	Cylinder Lock	Manual/Grip									
				Die-Cast Zinc	Polyamide Plastic	Stainless Steel	Chrome Plated	Black Coated	Natural	With Projection	W/O Projection	
A4241 - Cam Latch - with Rod Control - Extended Cover												
	3				3				3		3	40
Cams: A0203, A0224, A0240 - Keys: A0102												
A4260 - Cam Lock - with Rod Control - Wing Handle - Extended Cover												
	3				3				3		3	54
Cams: A0203, A0224, A0240 - Keys: A0102												
A4221 - Cam Latch - with Rod Control - with Cover												
	3		Various		3				3		3	
Cams: A0203, A0224 - Keys: A0102												



Swing Handles & Paddle Latches

Swing handles and paddle latches are a great option for securing and locking panels or doors shut. Swing handles are a complete multi-point latching system with an ergonomic and stylish design. They are ideal for securing enclosures in applications as varied as telecoms, IT, electrical cabinets, special purpose machines, vending and gaming machines. Paddle latches provide easy-to-close functionality and are excellent for opening and closing larger doors and panels. Available in matt black and sleek stainless steel, they are easily incorporated in your design.

- Swing handles offer high security locking systems
- Swing handles for internal or external use
- Paddle latches ideal for larger doors and panels
- Paddle latches in matte black and sleek stainless steel
- Electronic handles give precise movement to doors or applications



**PADDLE
LATCHES**



**SWING
HANDLES**



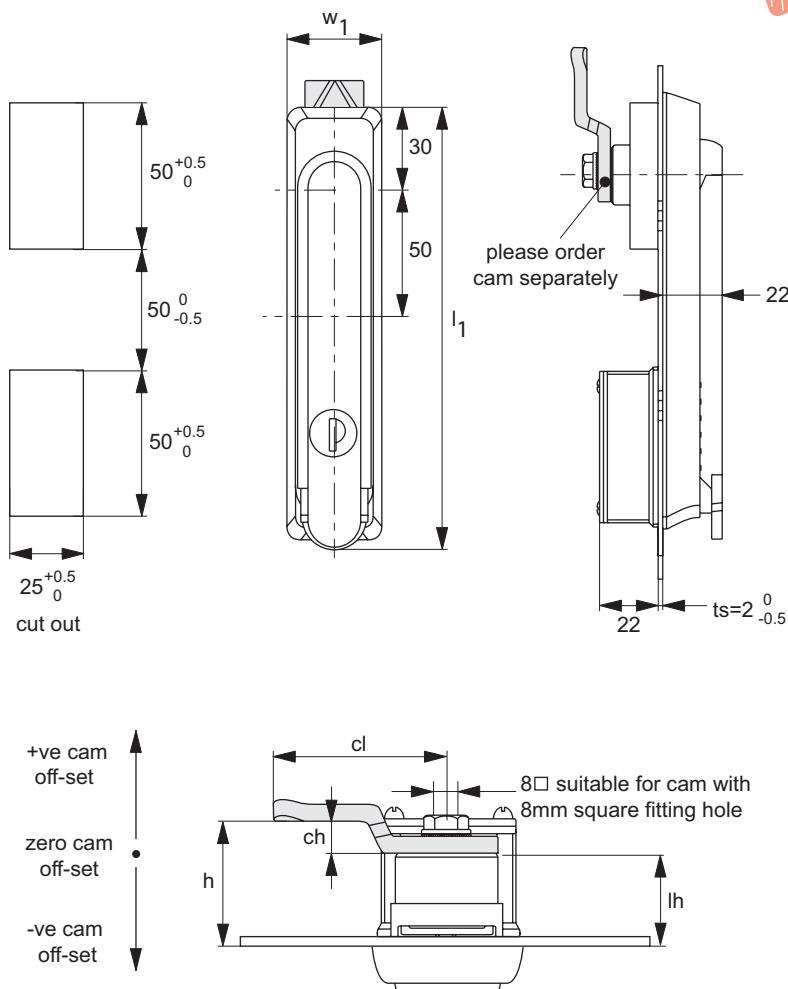
CAM LATCH



**ELECTRONIC
HANDLES**



B1281



Material

Body & Handle: polyamide PA6, black.
Cylinder lock: die cast zinc, chrome plated.
Supplied with: Keys: two per lock.
Not supplied: Cam: order separately.

Technical Notes

Order cam separately.
Cams: see suitable cam A0203, A0224 and A0240. Select „without projection“ cam

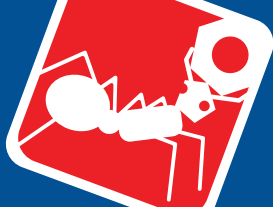
type.
Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;
ch = h - lh where;
ch = required cam off-set/height.
h = grip length (distance between inside of latch face and front of cam).
lh = body length of cam latch/lock to be

used (see product table below).
Rods & Guides: to achieve 3-point latching - A0303, A0321, A0325.

Tips

For use in electrical cabinets, telecom racks or enclosures. Max. panel thickness of 2mm. For use inside of cabinet gasket. Universal left/right.

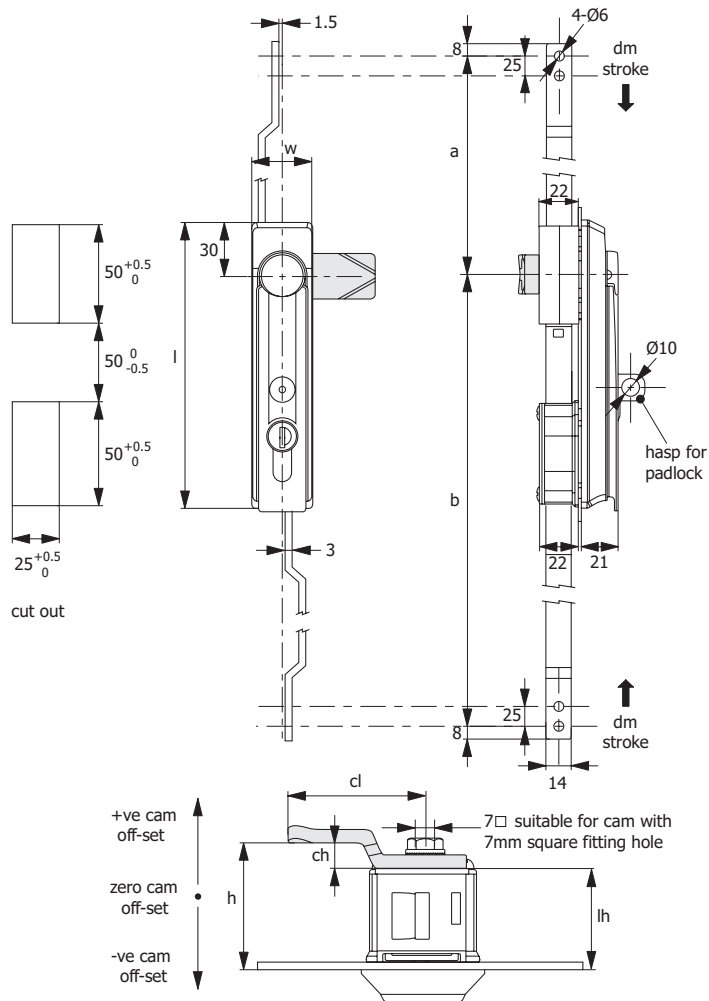
Order No.	Finish	Lock type	Key type	l_1	w_1	l_h
B1281.AW0010	Black, Plastic	Std. Cylinder	Keyed Alike	160	35	16



Swing Handles - with Rod Control

40mm euro cylinder lock - padlockable - zinc or polyamide

Swing Handles & Paddle Latches



B2088

SWING HANDLES & PADDLE LATCHES

Material

Type One: Body & Handle: die cast zinc, black powder coated.

Type Two: Body: Polyamide PA6, black. Handle: die cast zinc, black powder coated.

Cylinder lock: die cast zinc, chrome plated.

Rod Control Mechanism: die cast zinc.

Supplied with: Keys: two per lock.

Not supplied: Cam: order separately.

Technical Notes

Order cam separately.

Cams: see suitable cam A0215. Select

„without projection“ cam type.

Dimensions ch and cl relate to cam. Use formula to calculate ch (required cam off-set), and refer to cam selection chart;

ch = h - lh where;

ch = required cam off-set/height.

h = grip length (distance between inside of latch face and front of cam).

lh = body length of cam latch/lock to be used (see product table below).

Rods & Guides: to achieve 3-point latching - A0303, A0321, A0325.

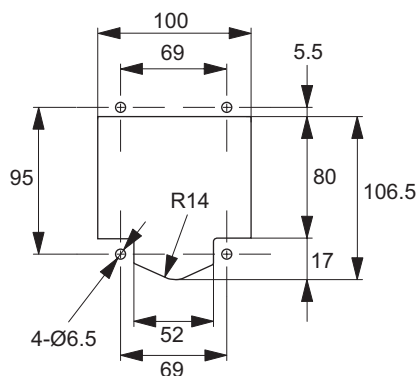
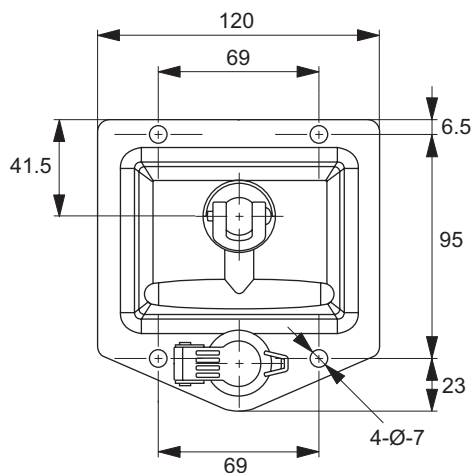
Tips

90° degree handle rotation combines with rod latch to open or close. All die cast metal construction provides higher strength than standard models. Ideal for electrical cabinets, telecom racks or enclosures max. panel thickness of 1 to 4mm. For use inside of cabinet gasket. Universal left/right.

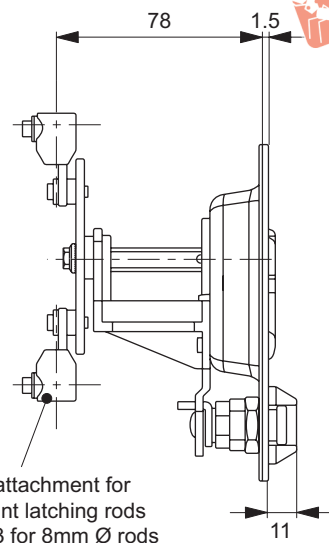
Order No.	Body	Handle	Lock type	Key type	l	Padlockable	w	lh	a	b	dm stroke
B2088.AW0010	Zinc	Zinc	40 Euro	Keyed Alike	160	No	34	23	122	196	15
B2088.AW0310	Polyamide	Zinc	40 Euro	Keyed Alike	160	No	34	23	122	196	15
B2088.AW0020	Zinc	Zinc	40 Euro	Keyed Alike	160	Yes	34	23	122	196	15
B2088.AW0320	Polyamide	Zinc	40 Euro	Keyed Alike	160	Yes	34	23	122	196	15



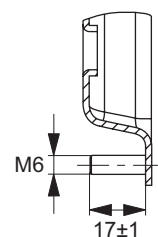
B4584



cut out



fixing attachment for multi-point latching rods e.g A0303 for 8mm Ø rods



stud fixing type

Material

Body: stainless steel, AISI 303.

Handle: die cast zinc, chrome plated.

Cylinder lock: die cast zinc, chrome plated.

Supplied with: Keys: two per lock.

Technical Notes

Hole fixing type requires 4 off M 6 screws

(not supplied) for front mounting.

Stud fixing type has 4 off M 6 welding studs for rear mounting with M 6 nuts (not supplied).

Use with multi-point latching rods (e.g A0303), with 8mm Ø rods, to achieve two point latching of larger enclosure panels.

Tips

Ideal for electricity sub-stations, HGVs and other road side vehicles.

T-handle is in the vertical position when locked. Universal left/right. For use inside of cabinet gasket.

Order No.	Mounting type	Lock type	Key type
B4584.AW0010	Hole Fixing	Std. Cylinder	Keyed Alike
B4584.AW0020	Stud Fixing	Std. Cylinder	Keyed Alike

Cam Latches

Flush T-Handle

Models available



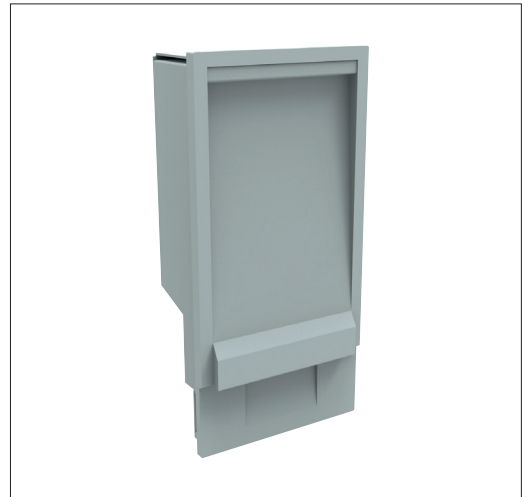
**Cam Latch - Flush T-Handle
with rod control for multi-point latching**



**Cam Latch - Flush T-Handle
with single point latching**



**Cam Latch - Flush T-Handle
with adjustable grip**



**Cam Latch - Concealed T-Handle
for electricity panels**

Features

Variety of materials

- Steel.
- Stainless steel.
- Aluminium.
- Polyamide.

Actuation/locking method

- Blank, without lock.
- Standard cylinder Lock.
- Padlockable T-Handle actuation.

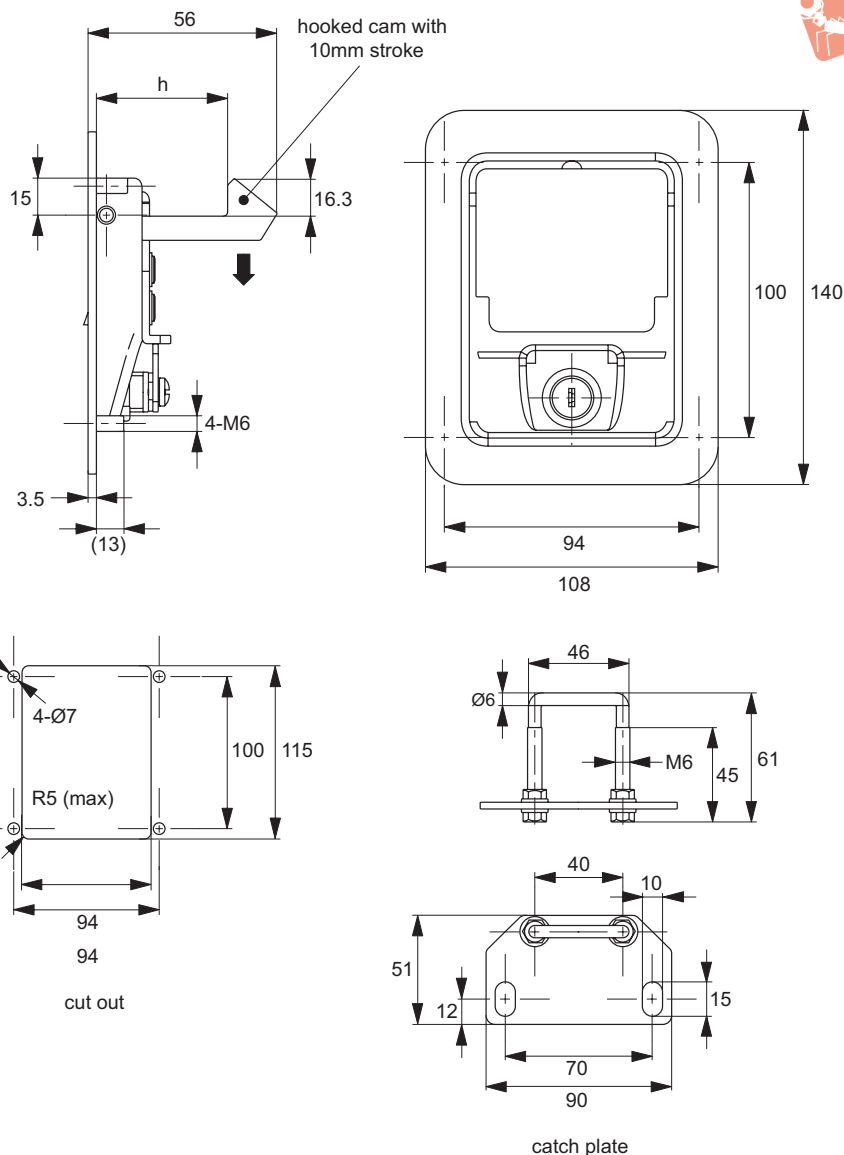
Applications

- Heating & ventilation.
- Generators.
- Compressors.
- Machine covers.

- Electric panels.
- Off-road equipment.
- Industrial transport.
- Special equipment cases.



B4713



Material

Body and Handle: steel, black powder coated.

Cylinder lock: die cast zinc, zinc plated.

Supplied with: Keys: two per lock.

Not Supplied: Catch plate: please order separately.

Technical Notes

Stud fixing type has 4 off M 6 welded studs for rear mounting with M 6 nuts (not supplied).

Universal left/right. For use inside of cabinet gasket.

Tips

Fully integrated lock, latch and flush fitting paddle handle, ideal for generators, compressors, electric panels and doors.

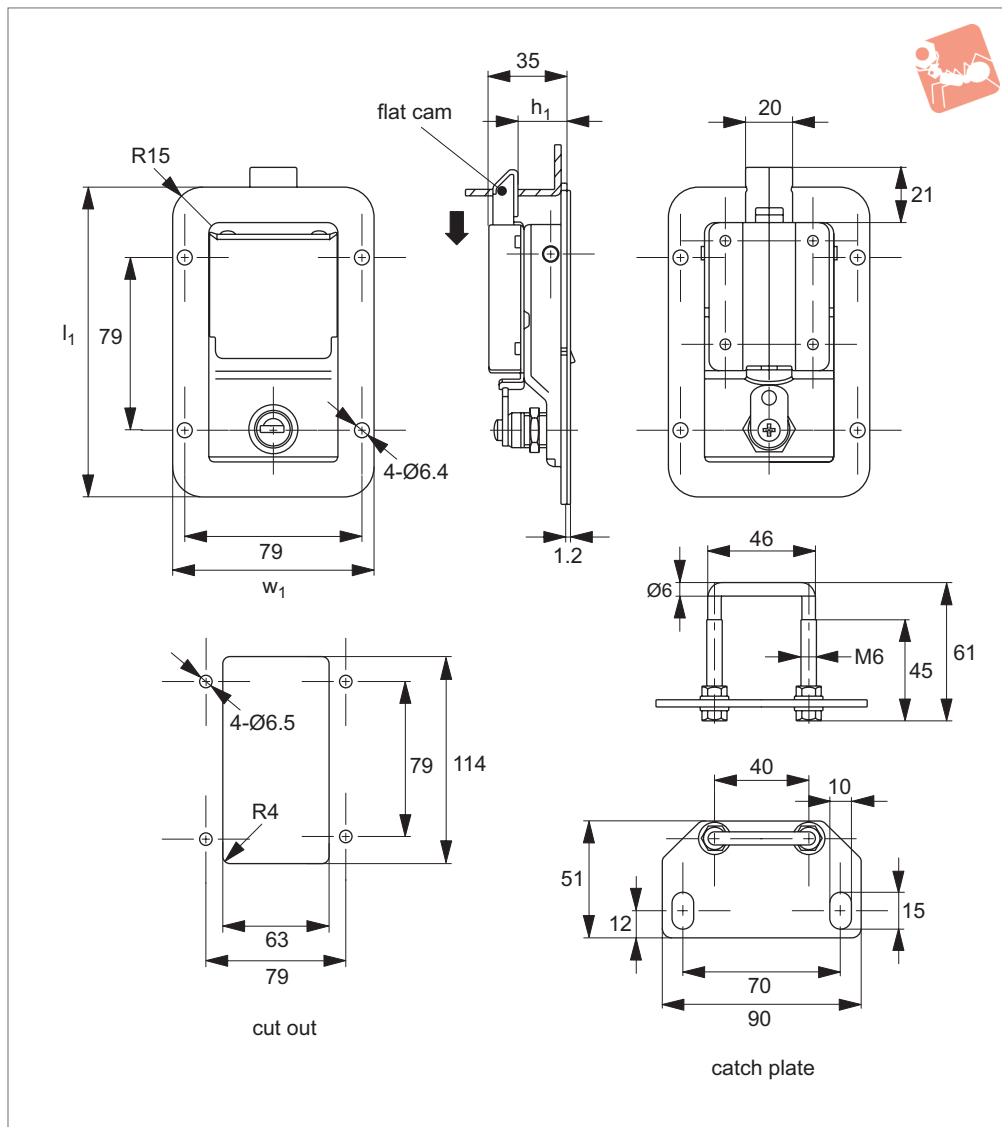
Order No.	Lock type	Type	h
B4713.AW0010	Std. Cylinder	Latch	31.5
B4713.AW0020	Std. Cylinder	Latch	44.0
B4713.AW0030	Std. Cylinder	Latch	55.0
B4713.AW0040	Blank - No Lock	Latch	31.5



Push To Close Paddle Latches

pull to open - slam action - standard cylinder lock - stainless

Swing Handles & Paddle Latches



B4750

SWING HANDLES & PADDLE LATCHES

Material

Body and Handle: stainless steel, AISI 304.
Cylinder lock: die cast zinc, chrome plated.

Supplied with: Keys: two per lock.

Not Supplied: Catch plate: please order separately.

Technical Notes

Hole fixing type requires 4 off M 6 screws (not supplied) for front mounting.
Spring loaded, slam action handle.
Universal left/right. For use inside of cabinet gasket.

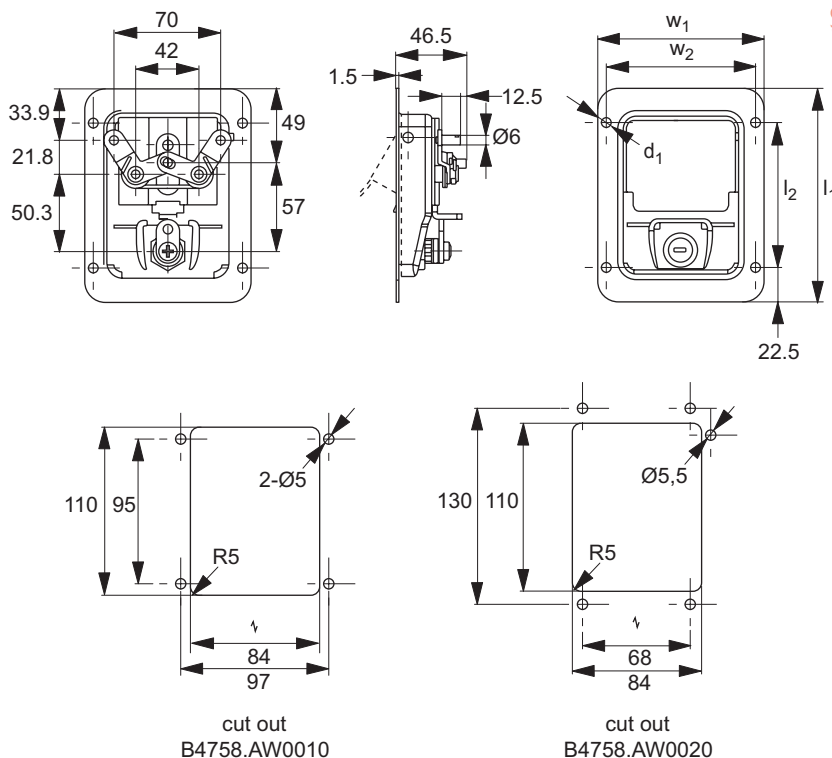
Tips

Fully integrated lock, latch and flush fitting paddle handle, ideal for generators, compressors, electric panels and doors.

Order No.	Type	h_1	l_1	w_1
B4750.AW0010	With Lock	22	140	90
B4750.AW0020	Blank - No Lock	22	140	90



B4758



Material

Body and Handle: stainless steel, AISI 303.
Cylinder lock: die cast zinc, chrome plated.

Supplied with: Keys: two per lock.

Not Supplied: Catch plate: please order separately.

Technical Notes

Hole fixing type requires 4 off M 5 screws (not supplied) for front fixing.

Universal left/right. For use inside of cabinet gasket.

Tips

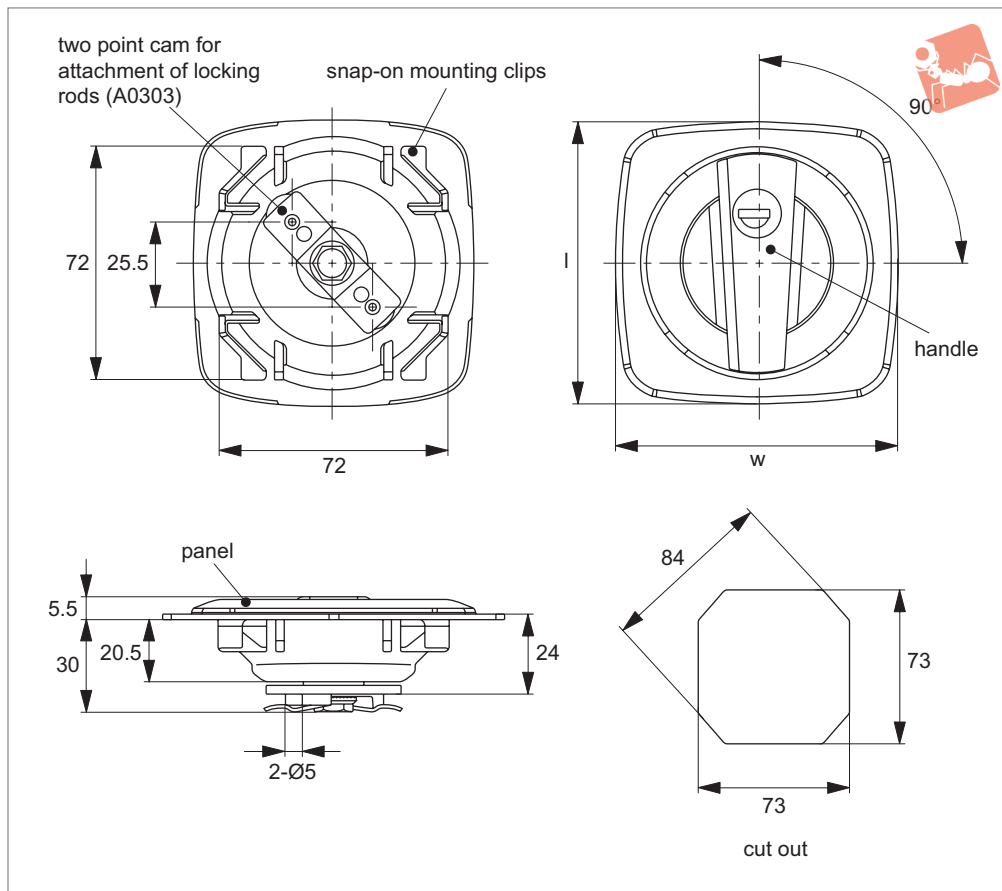
Fully integrated lock, latch and flush fitting paddle handle, ideal for generators, compressors, electric panels and doors.

Order No.	Lock type	Type	Key type	d_1	l_1	l_2	w_1	w_2
B4758.AW0010	Std. Cylinder	Latch	Keyed Alike	5.5	140	95	108	97
B4758.AW0020	Std. Cylinder	Latch	Keyed Alike	5.0	146	130	146	68



Twist-to-Close Paddle Latches - Snap-on recessed handle - standard cylinder lock - polyamide

Swing Handles & Paddle Latches



B4800

SWING HANDLES & PADDLE LATCHES

Material

Body and Handle: Polyamide plastic (PA), black.

Cylinder lock: die cast zinc, chrome plated.

Supplied with: Keys: two per lock.

Technical Notes

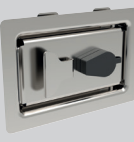
Easy snap on fix mounting. Make cut out in panel as shown, and simply push in handle, snap on clips will spring back to securely mount handle.

Attach multi-point latching rods (A0303) to achieve two-point latching of cupboards, cabinets or enclosures. Suitable for panel thickness 1 - 1.5mm.

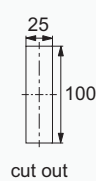
Order No.	Lock type	Key type	l	w
B4800.AW0010	Std. Cylinder	Keyed Alike	88.5	88.5

Cam Latches Product Selection Charts

	Cylinder Profile	Body	Locking System	Use	Cam Type
	Std. Cylinder Lock 40mm Euro Padlockable Insert Driver	Die-Cast Zinc Polyamide Plastic Stainless Steel Steel Aluminium	IP Rating 1-point 2-point 3-point	Inside Gasketing Outside Gasketing With Projection W/O Projection	
B1450 - Swing Handles - Cam Control - Sliding Cover					
	3	3	3 3	3	3
Cams: A0203, A0224, A0240 - Keys: Supplied					
B2450 - Swing Handles - Rod Control - Sliding Cover					
	3	3	3 3 3	3	3
Cams: N/A - Keys: Supplied					
B4604 - Cam Latch - Concealed T-handle, Vertical					
	3	3	65	3	
Cams: Supplied - Keys: Padlockable					
B4703 - Push-to-Close Paddle Latch - Pull-to-Open					
	3	3	3	3	
Cams: N/A - Keys: Supplied					
B4713 - Push-to-Close Paddle Latch - Pull-to-Open					
	3	3	3	3	
Cams: N/A - Keys: Supplied					
B4733 - Push-to-Close Paddle Latch - Pull-to-Open					
	3	3	3	3	
Cams: N/A - Keys: Supplied					
B4750 - Push-to-Close Paddle Latch - Pull-to-Open					
	3	3	3	3	
Cams: N/A - Keys: Supplied					
B4752 - Push-to-Close Paddle Latch - Pull-to-Open					
	3	3	3	3	
Cams: N/A - Keys: Supplied					

	Cylinder Profile	Body	Locking System	Use	Cam Type
	Std. Cylinder Lock 40mm Euro Padlockable Insert Driver	Die-Cast Zinc Polyamide Plastic Stainless Steel Steel Aluminium	IP Rating 1-point 2-point 3-point	Inside Gasketing Outside Gasketing With Projection W/O Projection	
B4754 - Push-to-Close Paddle Latch - Pull-to-Open					
	3	3	3	3	
Cams: N/A - Keys: Supplied					
B4756 - Push-to-Close Paddle Latch - Pull-to-Open					
	3	3	3	3	
Cams: N/A - Keys: Supplied					
B4758 - Push-to-Close Paddle Latch - Pull-to-Open					
	3	3	3	3	
Cams: N/A - Keys: Supplied					
B4800 - Twist-to-Close Paddle Latch - Snap-On					
	3	3	3	3	
Cams: N/A - Keys: Supplied					

Swing Handles Product Selection Charts

	Cylinder Profile	Body	IP Rating	Locking System			Use	Cam Type
	Std. Cylinder Lock 40mm Euro Padlockable Insert Driver	Die-Cast Zinc Polyamide Plastic Stainless Steel Steel Aluminium		1-point	2-point	3-point	Inside Gasketing Outside Gasketing With Projection W/O Projection	

B1180 - Swing Handle



3

3

54

3

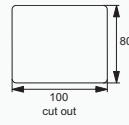
3

3

3

3

Cams: A0203, A0224, A0240 - Keys: Supplied

	Cylinder Profile	Body	IP Rating	Locking System			Use	Cam Type
	Std. Cylinder Lock 40mm Euro Padlockable Insert Driver	Die-Cast Zinc Polyamide Plastic Stainless Steel Steel Aluminium		1-point	2-point	3-point	Inside Gasketing Outside Gasketing With Projection W/O Projection	

B4590 - Cam Latch - Flush T-handle - Heavy Duty



3

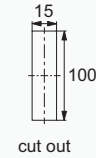
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3

3

3

Cams: Supplied - Keys: Supplied

	Cylinder Profile	Body	IP Rating	Locking System			Use	Cam Type
	Std. Cylinder Lock 40mm Euro Padlockable Insert Driver	Die-Cast Zinc Polyamide Plastic Stainless Steel Steel Aluminium		1-point	2-point	3-point	Inside Gasketing Outside Gasketing With Projection W/O Projection	

B4584 - Cam Latch - Flush T-handle, Vertical - Heavy Duty



3

3

3

3

3

Cams: Supplied - Keys: Supplied

B4586 - Cam Latch - Flush T-handle, Vertical - Heavy Duty



3

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3

3

Cams: Supplied - Keys: Supplied

B4588 - Cam Latch - Flush T-handle, Vertical - Heavy Duty



3

3

3

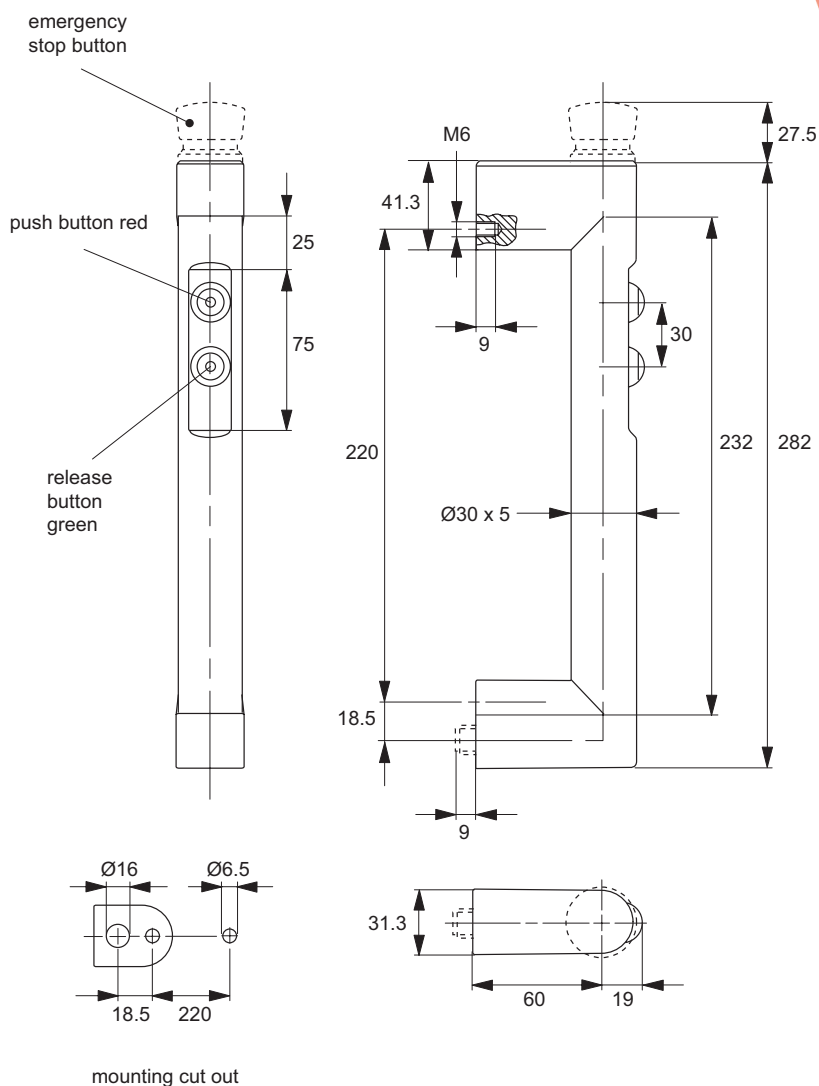
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Cams: Supplied - Keys: Supplied



B8100



Material

Type one: Handle shank: glass reinforced polyamide PA 6, black.

Handle tube: Ø30x5mm of aluminium ALMgSi 0,5, black anodised, fine ground.

Switch Functions: none, blank handle.

Handle tube: Ø30x5mm of aluminium ALMgSi 0,5, black anodised, fine ground.

Type three: Handle shank: glass reinforced polyamide PA 6, black.

Handle tube: Ø30x5mm of aluminium ALMgSi 0,5, black anodised, fine ground.

Switch functions: two push buttons, 1

emergency stop button.

Technical Notes

When used with connection cable no. B8880, conforms to IP65 rating.

Use with door solenoid lock no. B8900 for full electronic locking of machine guards and panels.

Order No.	Type	Switch function	Coupling	a	l
B8100.AC0018	Type One	No Switch - Blank, to Act as a Counter Handle	-	220	282
B8100.AC0318	Type Two	2 Push Buttons	8-pole (M12x1)	220	282
B8100.AC0418	Type Three	2 Push Buttons, 1 Emergency Stop Button	12-pole (M12x1)	220	282

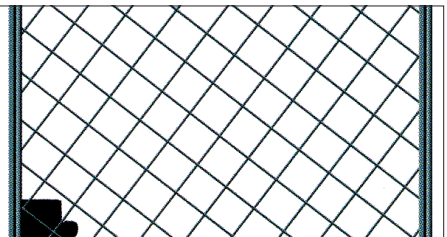
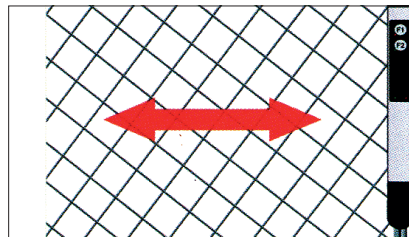


B8100 Functional handle – electronic

Wixroyd part no.	B8100.AC0318	B8100.AC0418
Description	2 push buttons	2 push buttons, 1 emergency stop button
Switching voltage – emergency stop button	-	1-42 V AC/DC 100 mA
Switching voltage – push buttons	24V AC/DC 1A	24V AC/DC 1A
Operating voltage LED	24 U DC	24 U DC
Connection type	8 pole, M12 x 1	12 pole, M12 x 1
Connector assignment (plug side view)		
Emergency stop buttons (2 NC contacts)	N/A	
Push button red (1 changeover contact)		
Push button green (2 NC contacts)		

Wixroyd's functional handles **B8100 - B8900** provide the ideal combination of ergonomics, productivity and safety for machine guards, enclosures or wherever there is a machine/operator interface. Wixroyd functional handles incorporate switching, control and monitoring functions exactly at the point they are required - namely the enclosure handle. Functional handles are mounted on the moveable part of the door/enclosure, while the additional solenoid interlock, part no. **B8900**, which enables locking and monitoring of the door condition, is mounted on the static part of the door/enclosure. All models in the series have been designed on the same basic principles and can incorporate the following functions:

- **Simple operation;** all buttons and controls on the handles are simply activated with the thumb allowing for control and opening of the guard in just one movement.
 - **Deactivation of the dead lock;** each handle has a button to deactivate and unlock the dead lock, two LED's indicate whether the door is locked or unlocked.
 - **Safety;** machine start and stop buttons can optionally be integrated into the handle, as well as a machine emergency stop button.
 - **Modular design;** handle **B8320** has been designed on a modular basis allowing for individual programming of handle functions for your own application
 - **Electromechanical locking;** in combination with our solenoid interlocking devices **B8900** our functional handles provide an electromechanical locking system for both revolving and push doors.
- Basic non-functional handles available in same design to act as counter-handles.



Features



Programmable

Robust functional handles with separately programmable elements to suit any application.



Functional

Functional handle with inbuilt emergency stop with 2 NC and 1 NO contacts for PLC systems.



Ergonomic

Simple and ergonomic mechanically locking handles, with electrical monitoring function; for use on cabinets and enclosures.



Inter-locking

Solenoid interlocks can be used to bolt doors or enclosures mechanically, with switching contacts enabling the monitoring of the lock/enclosure status.



Release button

Activating the release button deactivates the dead lock and opens the safety door. Two LED's above the release button indicate to the operator whether the door is locked or unlocked.



Emergency stop

Optional emergency stop button allows the operator to bring the entire machine to a stand still. The machine can then be resumed by re-setting the handle via a twist of the button. Conforms to EN418.



Start button

Machine start buttons can be included in the handle to initiate the machine.



Positioning

The start button can be positioned either above the door release button or when no emergency stop button is used, can be positioned on the top of the handle.



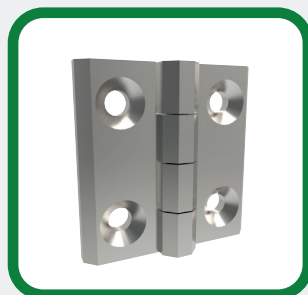
Hinges & Dampers

Meeting diverse industrial requirements, our selection of hinges and dampers enhance the controlled movement of small lids, drawers, panels and covers in many applications. From standard hinges for secure door attachment to adjustable friction hinges for controlled motion, our range ensures reliable performance. Dampers are also available to control the speed of motion and prevent sudden movements.

- Surface mount hinges
- Piano hinges
- Corner hinges
- Glass door hinges
- Lift off hinges
- Concealed hinges
- Torque, positioning and friction hinges
- Torque, disk and rotary dampers



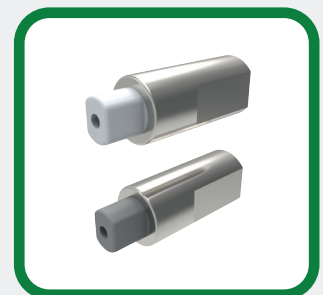
LIFT OFF
HINGES



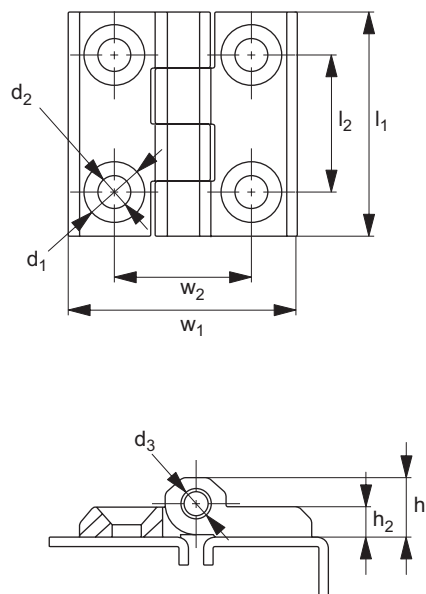
LEAF HINGES



GLASS DOOR
HINGES



TORQUE
DAMPERS



S0523

Material

Stainless steel, AISI 304.

electrical panels and covers.

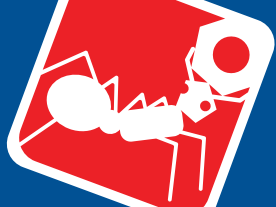
Opening angle 180°.

Technical Notes

For plain/flush mounted doors, as well as

Order No.	Size	h_1	h_2	l_1	l_2	w_1	w_2	d_1
S0523.AW0040	40 x 40	9.0	5	40	25	40	25	10.5
S0523.AW0050	50 x 50	11.5	6	50	30	50	30	12.5
S0523.AW0060	60 x 60	15.0	8	60	36	60	36	12.5

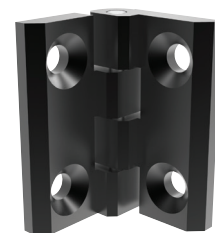
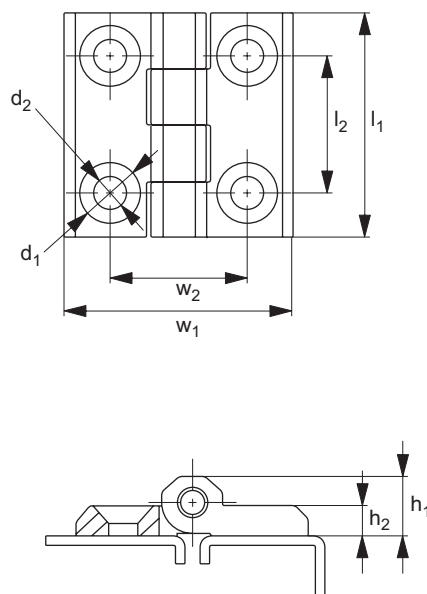
Order No.	d_2	d_3	90° Angled stress kN	Axial load F_x N	Axial stress kN	Radial load F_x N	Radial stress kN
S0523.AW0040	5.3	4	2.00	-	1.45	-	2.1
S0523.AW0050	6.3	7	2.45	1.3	2.10	1.2	3.5
S0523.AW0060	8.4	8	4.40	1.8	3.20	1.5	6.0



Surface Mount - Leaf Hinges

screw mount - zinc

Hinges & Dampers



S0561

HINGES & DAMPERS

Material

Black Coated

Body: die cast zinc, black powder coated.
Pin: steel, nickel plated.

Chrome

Body: die cast zinc, chrome plated.
Pin: steel, nickel plated.

Technical Notes

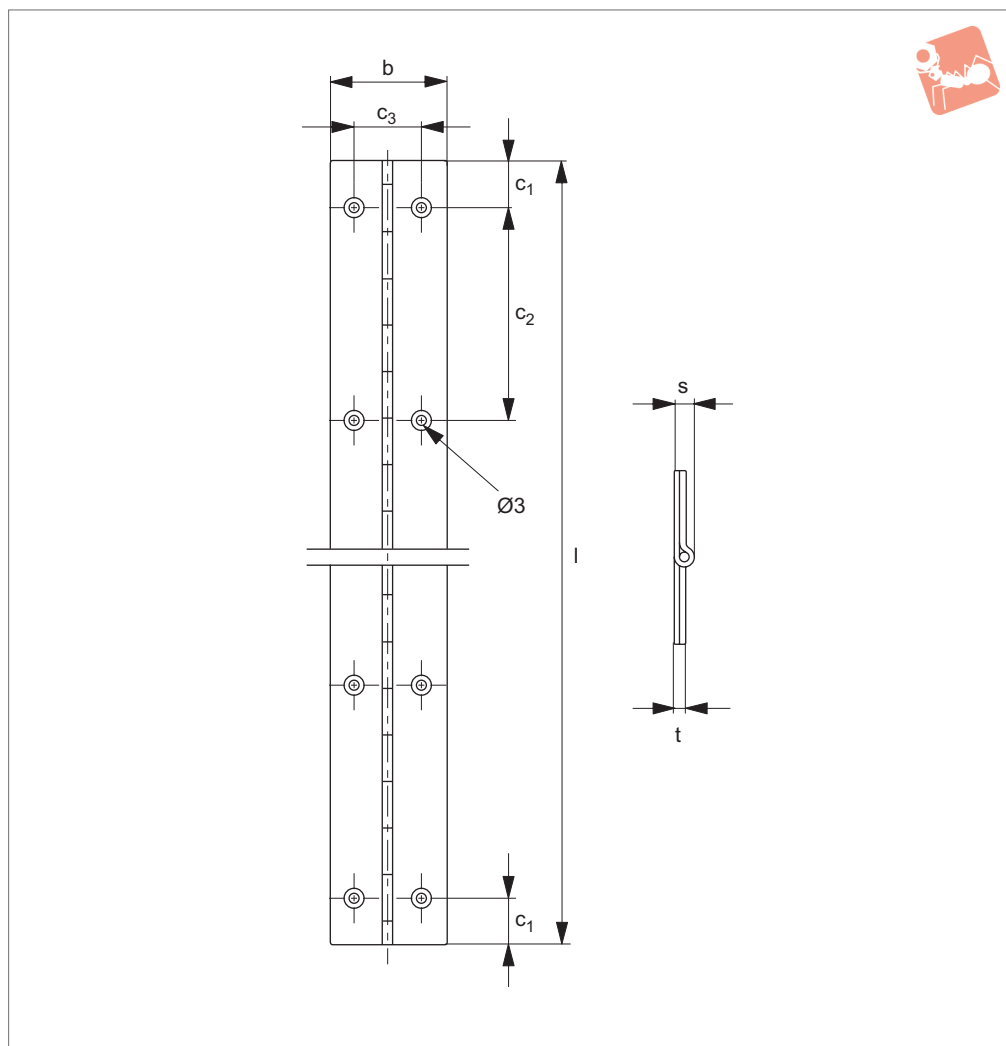
For plain/flush mounted doors, as well as electrical panels and covers. Opening angle 180°.

Order No.	Finish	Size	h_1	h_2	l_1	l_2	w_1
S0561.HW0040	Black Coated	40 x 40	9.0	5.0	40	25	40
S0561.HW0050	Black Coated	50 x 50	11.5	6.0	50	30	50
S0561.HW0057	Black Coated	50 x 76	11.5	6.0	50	30	76
S0561.HW0060	Black Coated	60 x 60	15.0	8.0	60	36	60
S0561.HW0140	Chrome	40 x 40	9.8	5.2	40	25	40
S0561.HW0150	Chrome	50 x 50	11.2	6.0	50	30	50
S0561.HW0157	Chrome	50 x 76	11.0	6.0	50	30	76
S0561.HW0160	Chrome	60 x 60	17.2	8.2	60	38	60
S0561.AW1612	Chrome	60x120	17.2	8.2	60	90	120

Order No.	w_2	d_1	d_2	90° Angled stress kN	Axial load F_x N max.	Axial stress kN	Radial load F_x N	Radial stress kN
S0561.HW0040	25	10.2	5.3	2.00	1.2	1.45	1.0	2.1
S0561.HW0050	30	12.5	6.3	2.45	1.3	2.10	1.2	3.5
S0561.HW0057	56	12.5	6.3	1.25	1.2	1.30	1.1	3.0
S0561.HW0060	36	16.5	8.4	4.40	1.8	3.20	1.5	6.0
S0561.HW0140	25	-	5.2	2.00	-	1.45	-	2.1
S0561.HW0150	30	-	6.3	4.40	-	3.20	-	6.0
S0561.HW0157	55	-	6.3	2.45	-	2.10	-	3.5
S0561.HW0160	36	-	8.2	1.25	-	1.30	-	3.0
S0561.AW1612	36	-	8.2	1.50	-	1.30	-	4.5



S0100



Material

Stainless steel, AISI 304, satin finish.

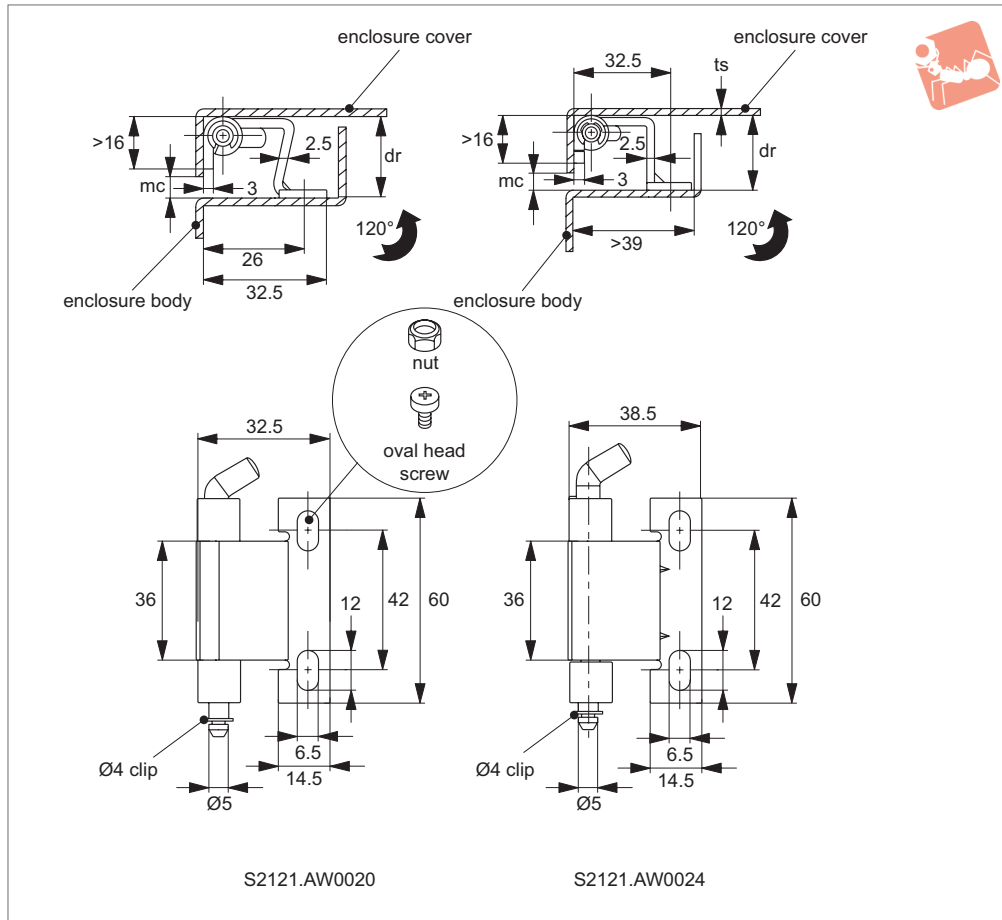
Order No.	b	c ₁	c ₂	c ₃	l	s	t	Holes	Weight g
S0100.AC0324	30	10.5	43.5	17	240	3.5	1.2	12	65
S0100.AC0330	30	10.5	46.3	17	300	3.5	1.2	14	80
S0100.AC0336	30	15.0	47.0	17	360	3.5	1.2	16	95
S0100.AC0345	30	14.5	60.0	17	450	3.5	1.2	16	120
S0100.AC0360	30	14.0	63.3	17	600	3.5	1.2	20	190
S0100.AC0390	30	14.0	62.3	17	900	3.5	1.2	30	280



Concealed Pivot Hinges - Lift Off

20-24mm door return - weld and oval head screw

Hinges & Dampers



S2121

HINGES & DAMPERS

Material

Hinge & pin: steel, white zinc plated.

Technical Notes

Suited to sheet metal and machine enclosures with door return of 20-24mm. Main body mounted via two M6 screws, hinge

plate welded to frame. Removable hinge pin enables easy installation, and is held in place via circlip. Max. opening angle 120°.

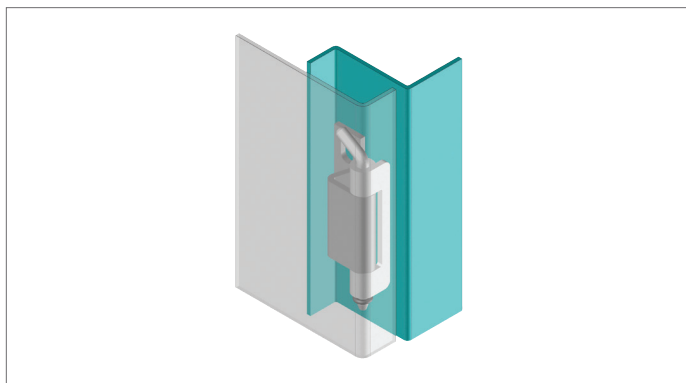
Important Notes

dr= Maximum door return suitable for use

with hinge.

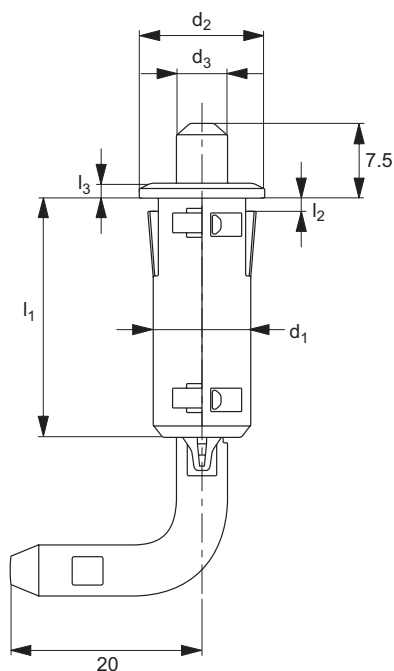
mc= Minimum clearance advised between enclosure cover and body to ensure smooth, full opening of enclosure cover.

Order No.	Door return	Size	F_x N	F_y N	mc min.	ts panel thickness
S2121.AW0020	20.0	60,0 x 32,5 x 20,0	350	778	3	2.0
S2121.AW0024	24.5	60,0 x 38,5 x 24,5	350	778	3	2.0





S2212



Material

Body: polyamide, black PA 6 GRF30.
Pin: stainless steel.
Latch: die cast zinc, white zinc plated.

Technical Notes

For sheet metal doors, cabinets and machi-

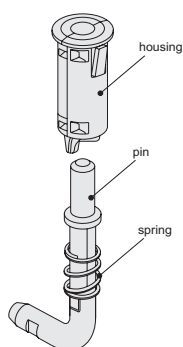
nery covers. Clip fix for easy assembly.
Pull back pin lever, hinge pin is retracted.
Release pin lever and hinge pin springs
back. Opening angle 180°.

Tips

Spring loaded feature of hinge enables

easy assembly and disassembly of panel/
door, ideal for maintenance covers.
Max. opening angle 110°.

Order No.	l_1	d_1	d_2	d_3	l_2	l_3
S2212.AW0005	24.5	10	13	5	7.5	1.5



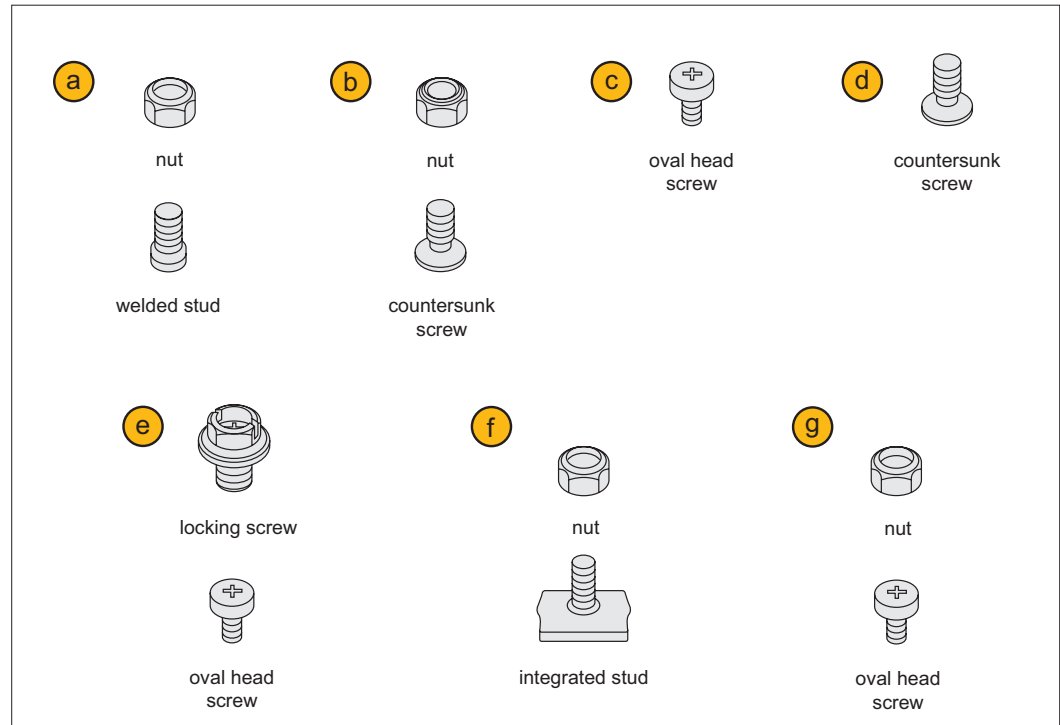
Mounting of Concealed Hinges

Mounting Options

A variety of mounting methods are available!

Mounting combinations

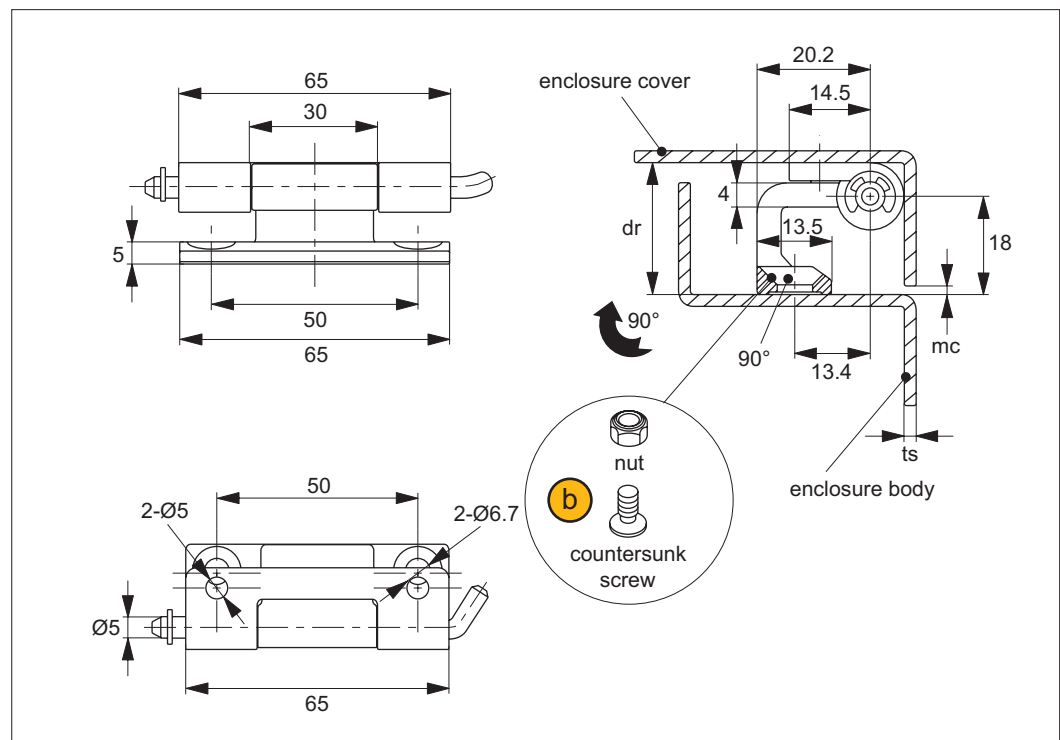
Wixroyd concealed hinges can be mounted in a variety of ways using additional nuts and bolts.

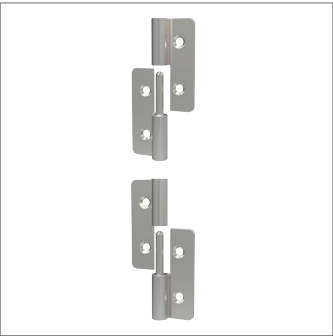


Important Note: Refer to individual product pages for suitable mounting options. If you have any problems please contact our Technical Sales Team.

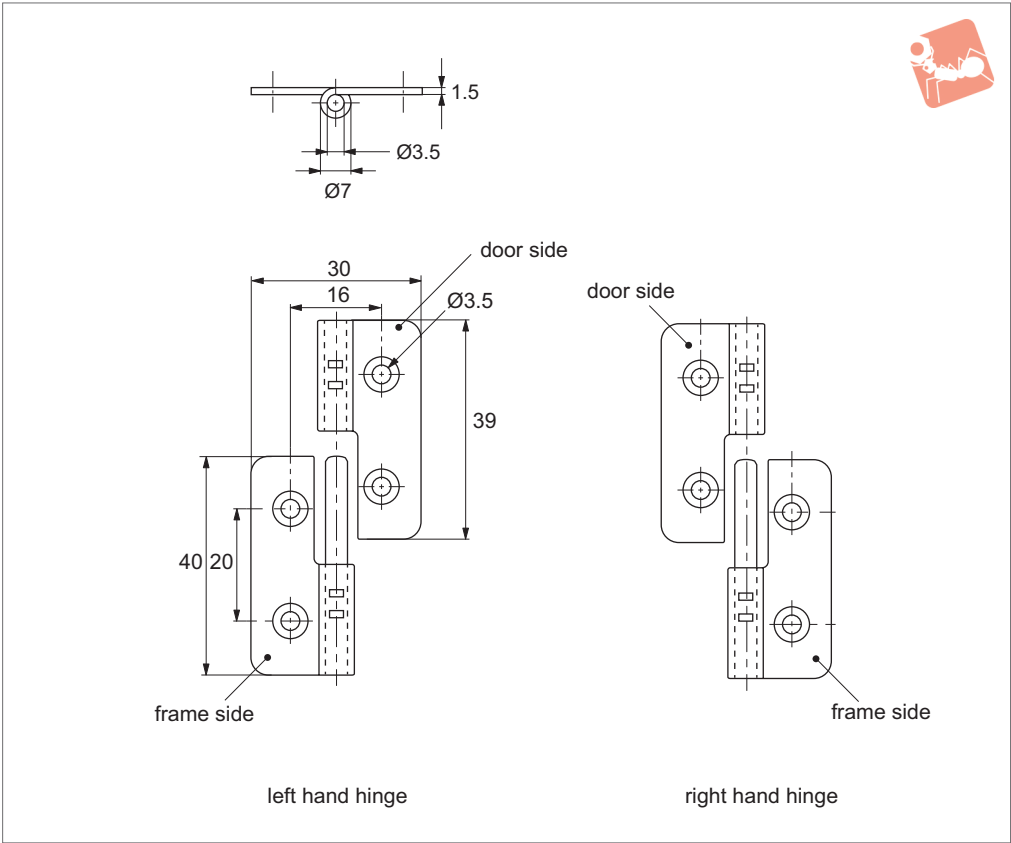
Mounting example

In the example, mounting option ②, a nut with a countersunk screw, is used to mount the hinge onto the enclosure body.





S2300



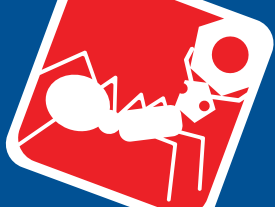
Material
Stainless steel, AISI 304, polished finish.

Important Notes
Product stamped with an „L“ does not

mean it is a left hand hinge - it fixes to the right hand part of the frame.

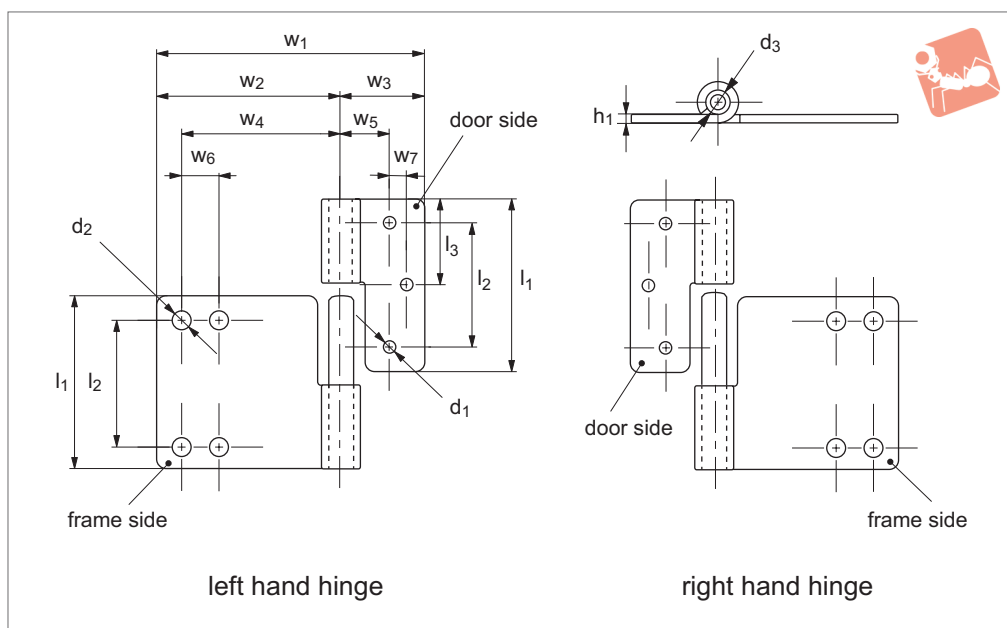
Product stamped with an „R“ does not mean it is a right hand hinge - it fixes to the left hand side of the frame.

Order No.	t	Type	Weight g
S2300.AC0010	1.5	Right	21
S2300.AC0110	1.5	Left	21



Lift-Off Hinges - Off set screw mount - stainless steel

Hinges & Dampers



S2316

HINGES & DAMPERS

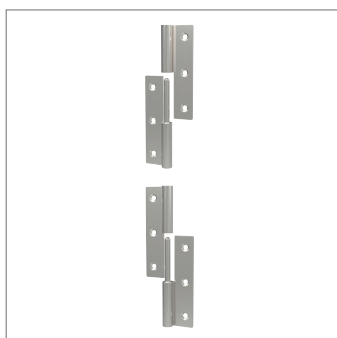
Material

Body: stainless steel.

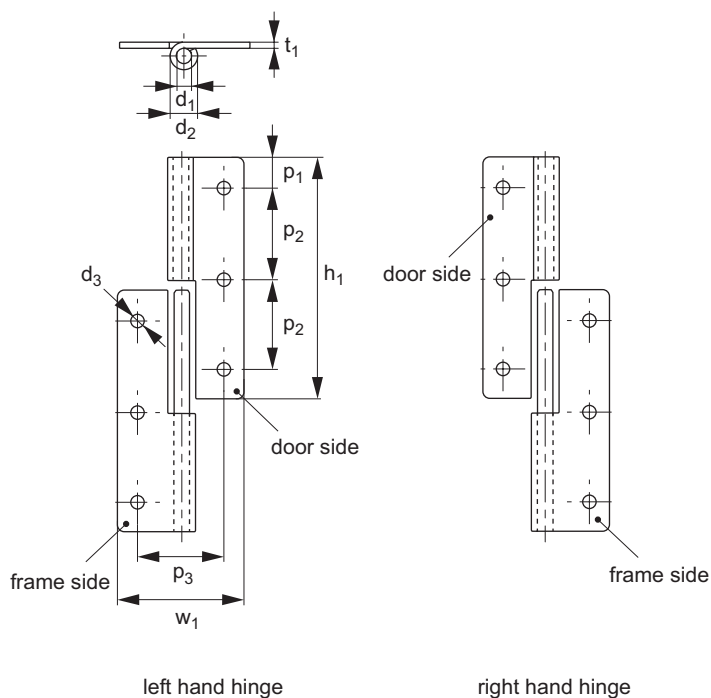
Technical Notes

Opening angle 180°.

Order No.	Type	l_1	w_1	d_1	d_2	d_3	h_1	l_2	l_3	w_2	w_3	w_4	w_5	w_6	w_7	F_x N	F_y N
S2316.AW0010	Left Hand	72	110	4.2	8.1	10	3	52	36	75	35	65	20	15	7.5	1280	630
S2316.AW0020	Right Hand	72	110	4.2	8.1	10	3	52	36	75	35	65	20	15	7.5	1280	630



S2320



Material

Stainless steel, AISI 304, polished finish.

Technical Notes

Opening angle 180°.

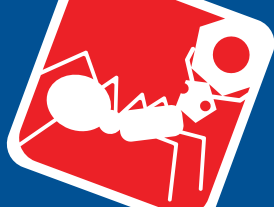
Important Notes

Product stamped with an „L“ does not mean it is a left hand hinge - it fixes to the

right hand part of the frame.

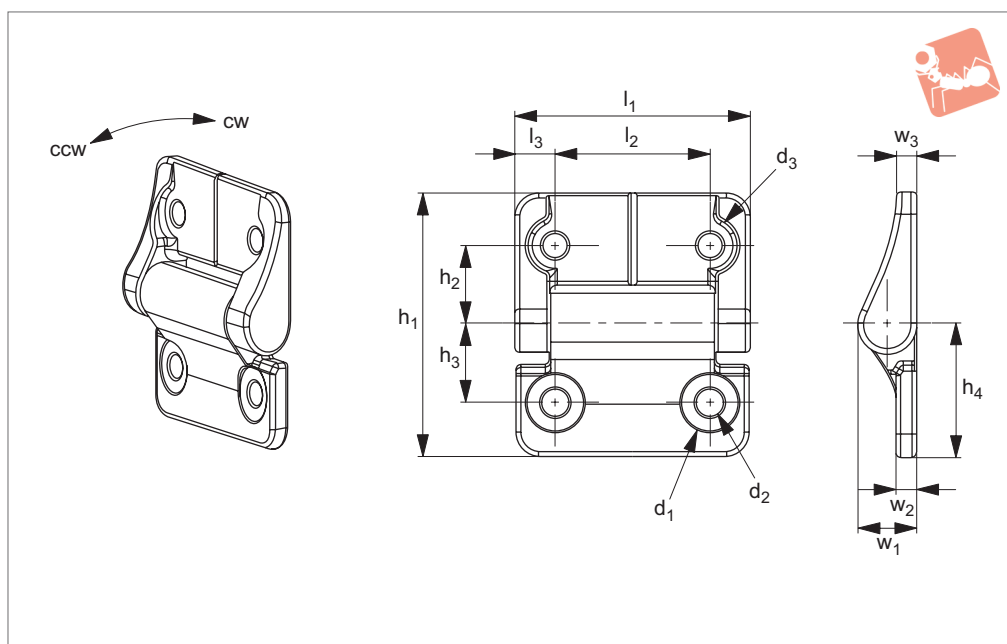
Product stamped with an „R“ does not mean it is a right hand hinge - it fixes to the left hand side of the frame.

Order No.	t	Type	h	w	p ₁	p ₂	p ₃	Ø d ₁	Ø d ₂	Ø d ₃	Weight g
S2320.AC0050	1.5	Right	50	32	5.0	20	21	7.5	4	3.2	32
S2320.AC0064	1.5	Right	64	36	8.0	24	24	7.5	4	3.2	44
S2320.AC0075	2.0	Right	75	38	7.5	30	24	8.5	4	3.2	64
S2320.AC0150	1.5	Left	50	32	5.0	20	21	7.5	4	3.2	32
S2320.AC0164	1.5	Left	64	36	8.0	24	24	7.5	4	3.2	44
S2320.AC0175	2.0	Left	75	38	7.5	30	24	8.5	4	3.2	64



Friction Hinges - Natural & Black symmetric - asymmetric torque

Hinges & Dampers



S3854

HINGES & DAMPERS

Material

Steel and zinc with natural or black oxide finish.

Technical Notes

Tested to 25,000 cycles with static torque value remaining within +/- 20%. Oil ring

seals against environmental contamination.

Important Notes

Symmetric hinges, offer same torque value in both clockwise and counterclockwise directions. Asymmetric hinges, offer diffe-

rent torque value in clockwise and counter-clockwise directions - see data table.

CW= clockwise.

CCW= counterclockwise.

Order No.	Torque CW Nm	Torque CCW Nm	Shaft rotation	Finish	Torque type	d_1	d_2	d_3
S3854.AC0000	0.0	0.0	270°	Natural	Symmetric	Ø12x0,7 dept.	5.2	10
S3854.AC0009	0.9	0.9	270°	Natural	Symmetric	Ø12x0,7 dept.	5.2	10
S3854.AC0018	1.8	1.8	270°	Natural	Symmetric	Ø12x0,7 dept.	5.2	10
S3854.AC0023	2.3	2.3	270°	Natural	Symmetric	Ø12x0,7 dept.	5.2	10
S3854.AC0034	3.4	3.4	270°	Natural	Symmetric	Ø12x0,7 dept.	5.2	10
S3854.AC0223	2.3	1.4	270°	Natural	Asymmetric	Ø12x0,7 dept.	5.2	10
S3854.AC0234	3.4	2.0	270°	Natural	Asymmetric	Ø12x0,7 dept.	5.2	10
S3854.AC0327	4.5	2.7	270°	Natural	Asymmetric	Ø12x0,7 dept.	5.2	10
S3854.AC0323	1.4	2.3	270°	Natural	Asymmetric	Ø12x0,7 dept.	5.2	10
S3854.AC0334	2.0	3.4	270°	Natural	Asymmetric	Ø12x0,7 dept.	5.2	10
S3854.AC0345	2.7	4.5	270°	Natural	Asymmetric	Ø12x0,7 dept.	5.2	10
S3854.AC1000	0.0	0.0	270°	Black paint	Symmetric	Ø12x0,7 dept.	5.2	10
S3854.AC1009	0.9	0.9	270°	Black paint	Symmetric	Ø12x0,7 dept.	5.2	10
S3854.AC1018	1.8	1.8	270°	Black paint	Symmetric	Ø12x0,7 dept.	5.2	10
S3854.AC1023	2.3	2.3	270°	Black paint	Symmetric	Ø12x0,7 dept.	5.2	10
S3854.AC1034	3.4	3.4	270°	Black paint	Symmetric	Ø12x0,7 dept.	5.2	10
S3854.AC1223	2.3	1.4	270°	Black paint	Asymmetric	Ø12x0,7 dept.	5.2	10
S3854.AC1234	3.4	2.0	270°	Black paint	Asymmetric	Ø12x0,7 dept.	5.2	10
S3854.AC1327	4.5	2.7	270°	Black paint	Asymmetric	Ø12x0,7 dept.	5.2	10
S3854.AC1323	1.4	2.3	270°	Black paint	Asymmetric	Ø12x0,7 dept.	5.2	10
S3854.AC1334	2.0	3.4	270°	Black paint	Asymmetric	Ø12x0,7 dept.	5.2	10
S3854.AC1345	2.7	4.5	270°	Black paint	Asymmetric	Ø12x0,7 dept.	5.2	10

Order No.	h_1	h_2	h_3	h_4	l_1	l_2	l_3	w_1	w_2	w_3
S3854.AC0000	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC0009	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC0018	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC0023	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC0034	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC0223	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81

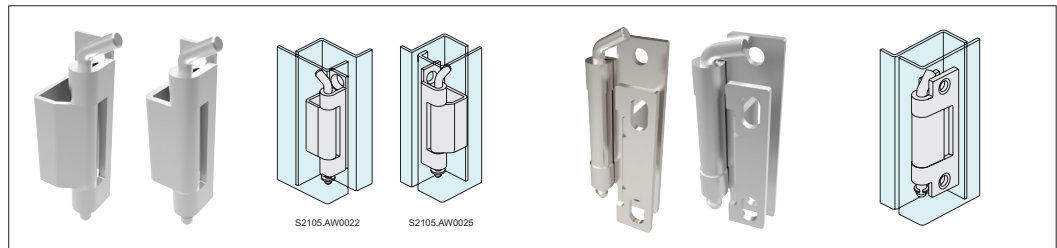


Order No.	h_1	h_2	h_3	h_4	l_1	l_2	l_3	w_1	w_2	w_3
S3854.AC0234	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC0327	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC0323	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC0334	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC0345	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC1000	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC1009	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC1018	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC1023	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC1034	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC1223	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC1234	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC1327	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC1323	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC1334	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81
S3854.AC1345	57.15	17	17	28.58	50.8	34	8.4	12.8	4.5	3.81

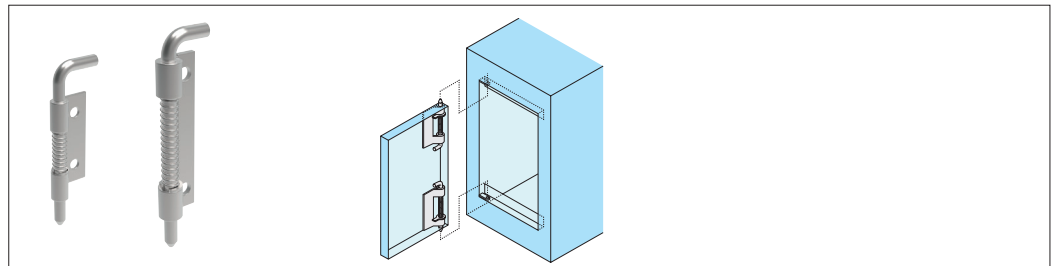
Wide Range of Solutions

Concealed hinges

For added security or a sleek enclosure design, concealed hinges offer the solution with mounting discreetly hidden away from view to avoid tampering.



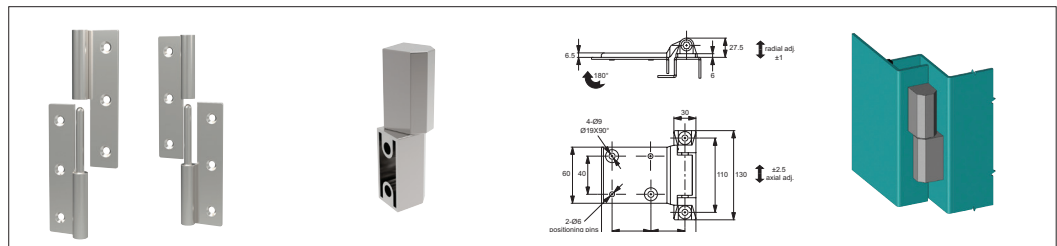
Concealed pivot hinges



End mount concealed pivot hinges

Door removal hinges

Door removal or lift-off hinges simplify removal of covers and panels to ease access for maintenance and repair, available in a selection of materials.



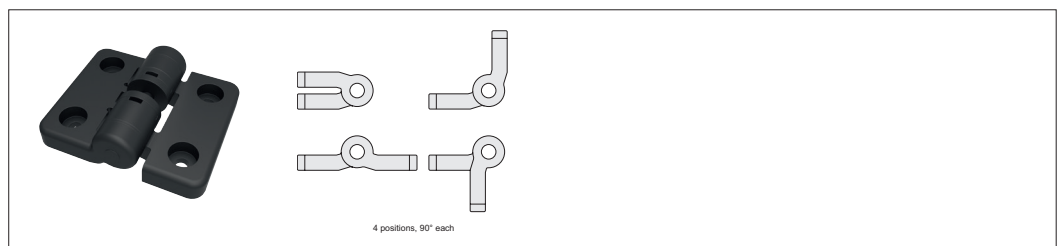
Lift off hinges

Torque and positioning hinges

Torque and positioning hinges offer positive location of panels, screens and displays using constant friction for a firm hold.



Constant torque hinges



Detent positioning hinges

Wide Range of Solutions

Left or right type: Which do you need?

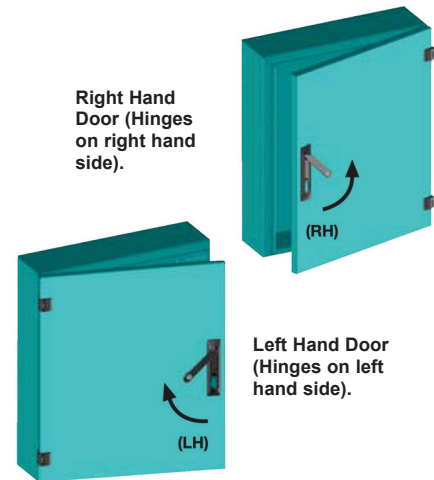
Wixroyd have a diverse range of hinges to suit most industrial applications in a wide range of materials and finishes.

Throughout our catalogue we refer to parts as being of a "Left" or "Right" type or hand. Which type you need, is most easily explained as follows;

Orientate your application so that when opened the door/panel comes towards you. With this orientation in mind, look to see on which side of the door/panel the hinges are mounted?

If the hinges are on the left side of the door/panel then you require "Left" type products. If the hinges are on the right side of the door/panel then you require "Right" type products.

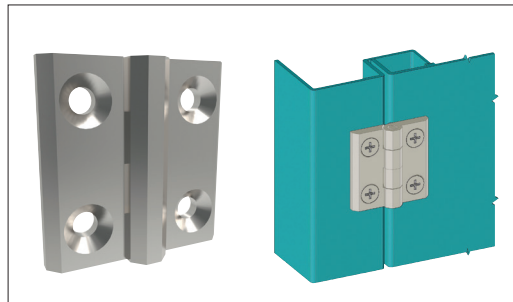
The illustration on the right clearly indicates the layout and orientation of the door where a "left" or "right" product is used.



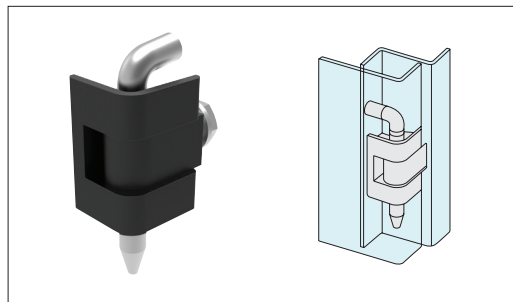
Hinges

External hinges

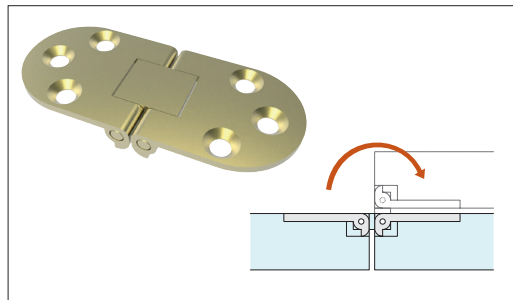
External or surface mount hinges have a wide range of application on electrical panels, sheet metal enclosures, generators and heating and venting applications.



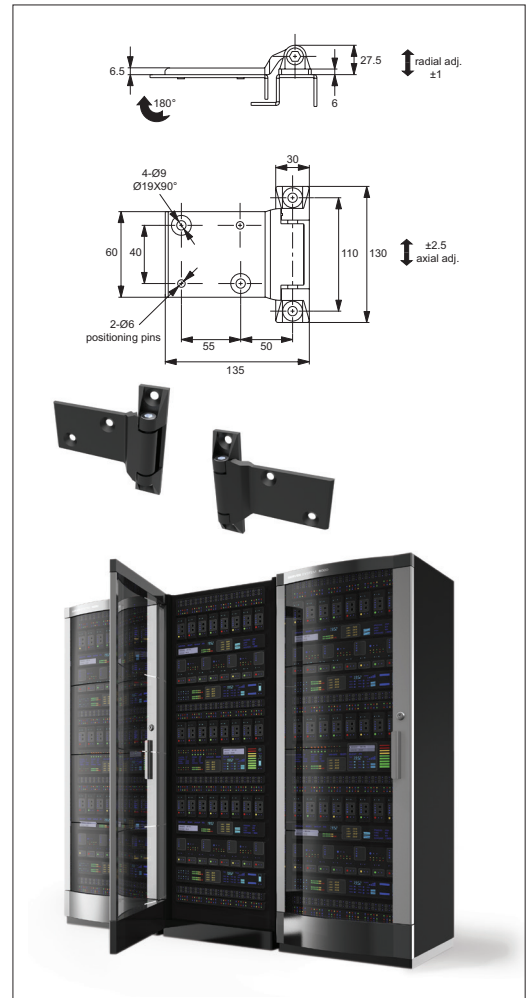
Surface mount hinges



Corner hinges



Flush mount hinges



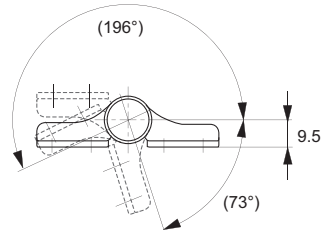
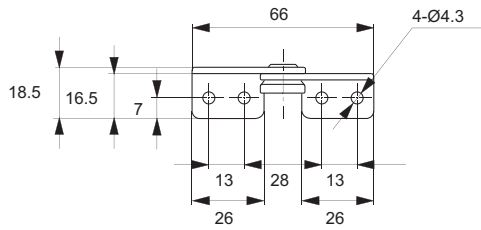
Surface mount hinges



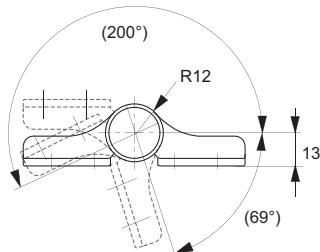
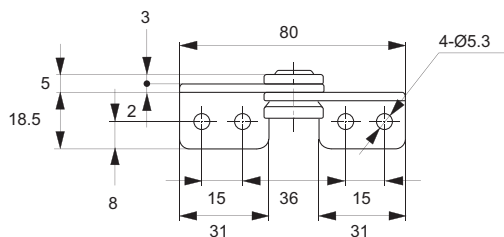
Constant Torque - Friction Hinges

screw mount - stainless

Hinges & Dampers



S4020.AC0020, .AC0030, .AC0120, .AC0130



S4020.AC0045, .& .AC0145

left hand shown



S4020

HINGES & DAMPERS

Material

Body: stainless steel, AISI 430.

monitors, monitoring cameras, screens and displays. Consistent torque throughout free stop angle.

Technical Notes

Friction torque hinge ideal for mounting of

Order No.	Torque kgf/cm ±20%	Hand	Friction free stop angle	Weight g
S4020.AC0020	20.4	right	0-140°	30
S4020.AC0120	20.4	left	0-140°	30
S4020.AC0030	30.6	right	0-140°	30
S4020.AC0130	30.6	left	0-140°	30
S4020.AC0045	45.9	right	0-140°	65
S4020.AC0145	45.9	left	0-140°	65

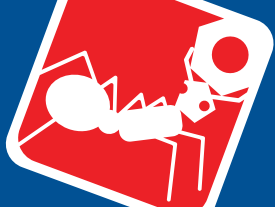
Torque & Positioning Hinges

Table of constant torque ranges					Torque Nm														
	Part no.	Torque type	Shaft Rotation	Torque Nm	0,5	1,0	1,5	2,0	2,5	3,0	3,5	4,0	4,5	5,0	5,5	6,0	6,5	7,0	
	S3810	Symmetric	360°	0,05 to 3,80															
	S3820	Symmetric/ Asymmetric	360°	0,2 to 1,1															
	S3824	Symmetric/ Asymmetric	360°	0,2 to 1,1															
	S3830	Symmetric/ Asymmetric	270°	0,9 to 3,4															
	S3834	Symmetric/ Asymmetric	270°	0,9 to 3,4															
	S3840	Symmetric/ Asymmetric	270°	0,9 to 3,4															
	S3844	Symmetric/ Asymmetric	270°	0,9 to 4,5															
	S3850	Symmetric/ Asymmetric	270°	0,9 to 3,4															
	S3852	Symmetric/ Asymmetric	270°	0,9 to 3,4															
	S3854	Symmetric/ Asymmetric	270°	0,9 to 4,5															
	S3860	Symmetric	270°	3,5 to 7,0															
	S3870	Symmetric	90° and 360°	2,5 to 5,0															

Constant Torque Hinges S4000-S4032 Operating Principle

Wixroyd Constant Torque Hinges rely only on mechanical friction to achieve a stable torque. A range of different friction hinges are available to best suit your application.

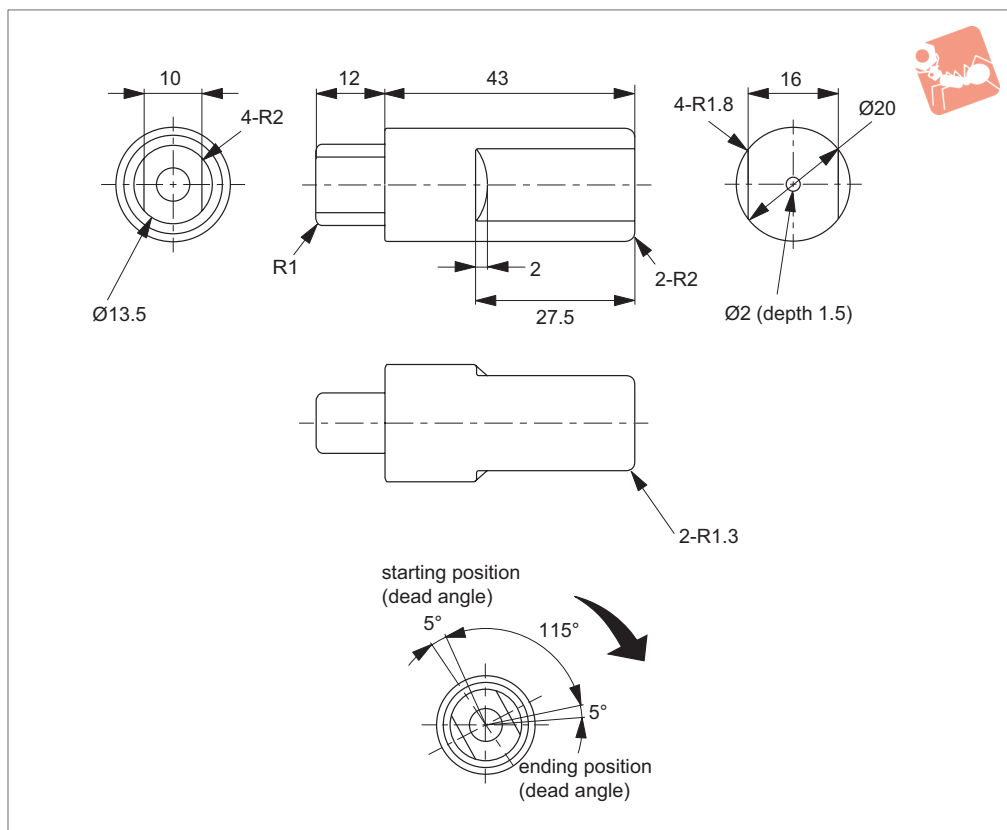
Table of constant torque ranges				Torque Kgf.cm														
Part no.	Torque Kgf.cm			10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
 S4000	5 - 57.5																	
 S4002	8																	
 S4006	3.5 - 15.3																	
 S4010	15 - 30																	
 S4016	25 - 70																	
 S4020	20 - 45.8																	
 S4022	20 - 45.8																	
 S4030	Tilting: 30.5 Swivelling: 15																	
 S4032	Tilting: 71.5 Swivelling: 30.5																	



Torque Dampers

uni-directional - 115° operating angle

Hinges & Dampers



Q0400

HINGES & DAMPERS

Material

Body: stainless steel, AISI 304.
Shaft: PBT plastic. White for anti-clockwise version, grey for clockwise version. Different torque forces marked by colour coded dot on shaft.

Technical Notes

115° operating angle, additional 5° dead

angle at start/end position.
Tested to over 100,000 cycles.
Temperature range 0° to 40°C.

Tips

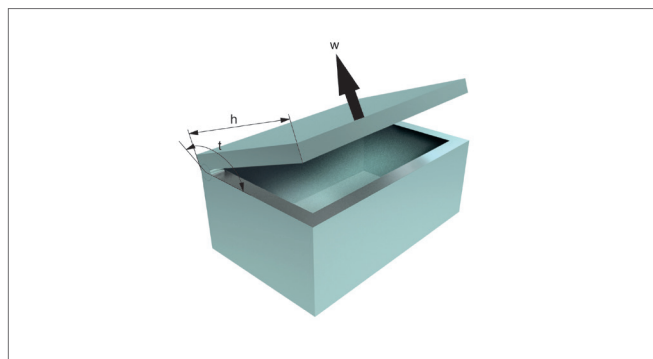
Provide smooth and quiet motion of lids, covers etc. Ideal for special purpose machines, air conditioning units etc.

Important Notes

Torque calculation:

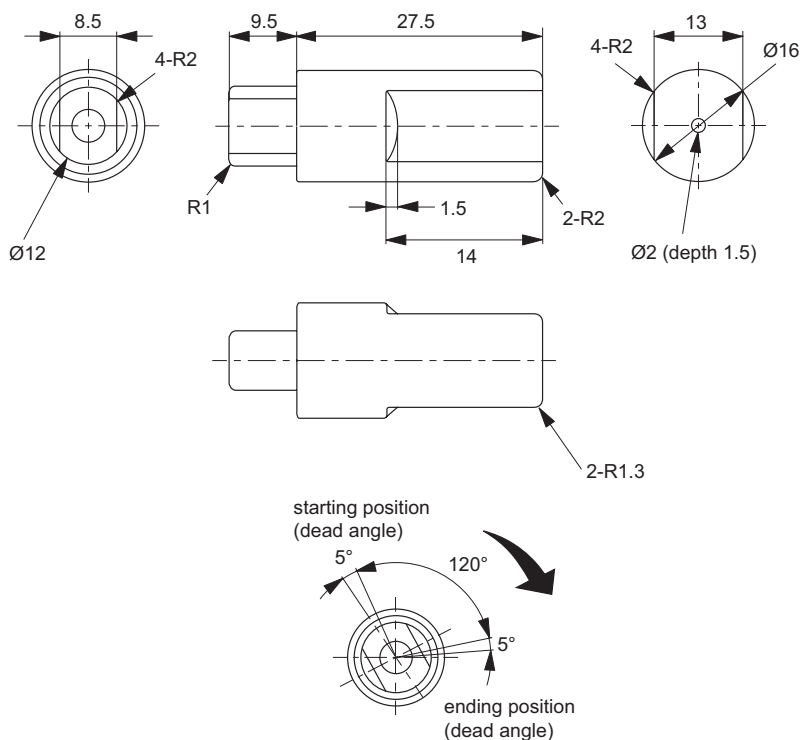
$T \text{ (Kgf.cm)} = W \text{ (Kg)} \times 0.5 \times H \text{ (cm)}$.
W (Kg) is weight of cover/lid, H (cm) is distance between fulcrum and cover/lid's opening edge.

Order No.	Type	Shaft colour	Operating angle	Torque kgf/cm	Torque colour marking	Weight g
Q0400.AC0010	Anti-Clockwise	White	115°	15 - 25	Blue	38
Q0400.AC0020	Anti-Clockwise	White	115°	25 - 35	Red	38
Q0400.AC0110	Clockwise	Grey	115°	15 - 25	Blue	38
Q0400.AC0120	Clockwise	Grey	115°	25 - 35	Red	38





Q0420



Material

Body: stainless steel, AISI 304.
Shaft: PBT plastic. White for anti-clockwise version, grey for clockwise version. Different torque forces marked by colour coded dot on shaft.

Technical Notes

120° operating angle, additional 5° dead

angle at start/end position.
Tested to over 100,000 cycles.
Temperature range 0° to 40°C.

Tips

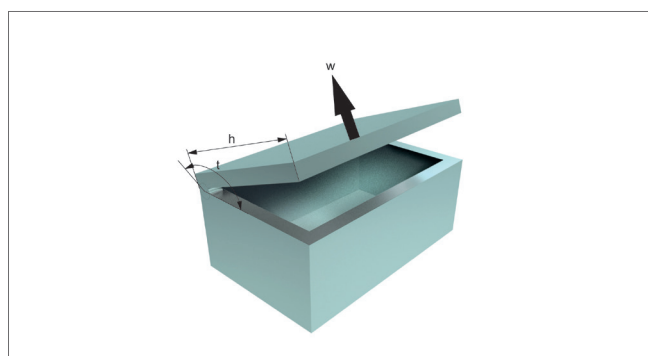
Provide smooth and quiet motion of lids, covers etc. Ideal for special purpose machines, air conditioning units etc.

Important Notes

Torque calculation:

$T \text{ (Kgf.cm)} = W \text{ (Kg)} \times 0.5 \times H \text{ (cm)}$.
W (Kg) is weight of cover/lid, H (cm) is distance between fulcrum and cover/lid's opening edge.

Order No.	Type	Shaft colour	Operating angle	Torque kgf/cm	Torque colour marking	Weight g
Q0420.AW0010	Anti-Clockwise	White	120°	10,2 - 17,3	Green	16
Q0420.AW0020	Anti-Clockwise	White	120°	17,3 - 25,5	Black	16
Q0420.AW0110	Clockwise	Grey	120°	10,2 - 17,3	Green	16
Q0420.AW0120	Clockwise	Grey	120°	17,3 - 25,5	Black	16



Q0400 - Q1060

Torque Dampers With Partial Rotation Angle

Wixroyd torque dampers offer controlled opening and closing of lids, drawers, covers and much more, they provide a wide range of solutions for a variety of applications creating smooth movement and function.

Though unnoticed in many applications, torque dampers are a vital part of many products bringing quality, safety and durability. Torque dampers provide quality movement enhancing both touch and feel.

Operating principle

Torque dampers utilise the movement of fluid forced from one chamber to another via a rotor. Dampening speed is dependent upon the viscosity of the fluid and the diameter of the fluid aperture.

Torque calculation

To calculate the torque for your application, the following measurements are necessary.

$$t \text{ (torque)} = w \times 0.5 \times h$$

h = length from pivot point to end of lid (cm)

w = weight of the lid (Kg)

Torque force stated per product (see individual product pages), is the maximum torque to which the specified part can be exposed before the dampening force yields and hence dampening is overcome.

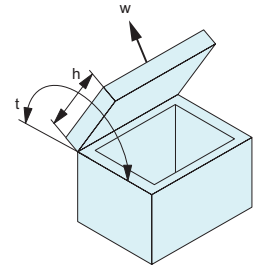
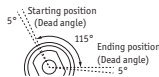
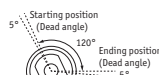
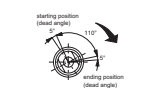
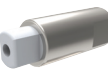
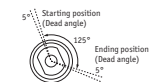
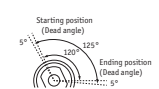
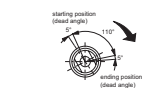
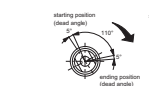
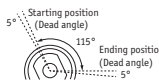
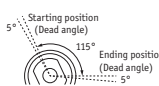
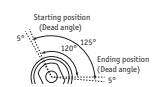
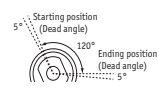
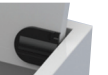
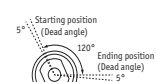
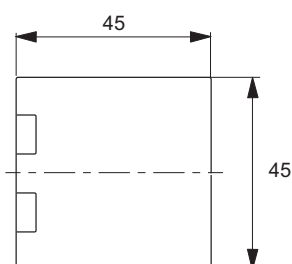
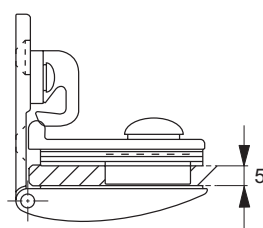
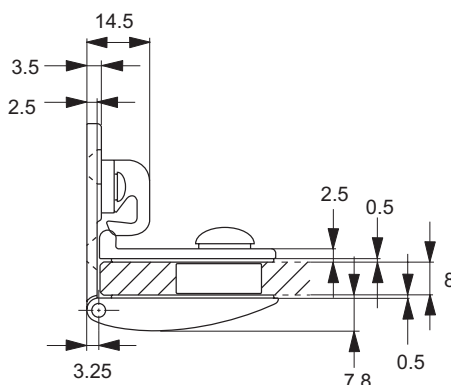


Table of torque dampers: Torque ranges

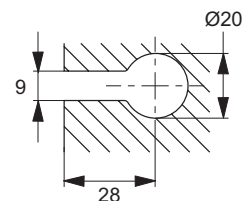
Part no.	Torque damper range	Torque Kgf.cm	Torque Kgf.cm															
			10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	
	Q0400 	15 - 35																
	Q0420 	10 - 25																
	Q0422 	10 - 35																
	Q0430 	20 - 30																
	Q0440 	8 - 25																
	Q0460 	10 - 18																
	Q0462 	10 - 30																
	Q1000 	30 - 70																
	Q1002 	60 - 140																
	Q1010 	30 - 50																
	Q1050 	20 - 50																
	Q1060 	61 - 81																



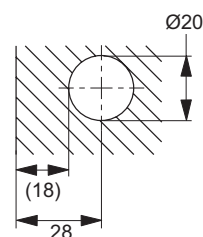
T2220



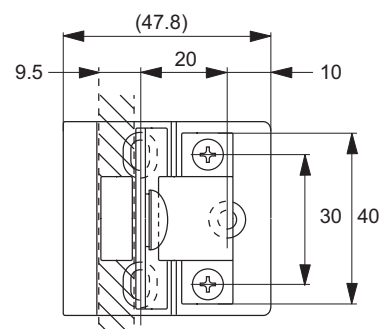
mounting dimension (in glass)



for 8mm thick glass



for 5 & 6mm thick glass



Material

Hinge body: brass, in nickel, chrome or gold finish.

Glass adj. roller: polyamide, black.

Bushes & spacers: rubber, black.

Technical Notes

For door thickness 5 to 8mm. Horizontally adjustable by 2,5mm, vertical adjustment

2mm.

Max. door size-

600w x 700h x 8 mm thick

Max. door weight-

15Kg per hinge pair.

Plastic body of hinge forms a mechanical catch to hold panel/door in closed position.

Please note, you will need to drill holes in the glass in order to fit these hinges.

Important Notes

Spacers are supplied to accommodate different glass door thicknesses;

5mm glass use 3 spacers

6mm glass use 2 spacers

8mm glass no spacers required.

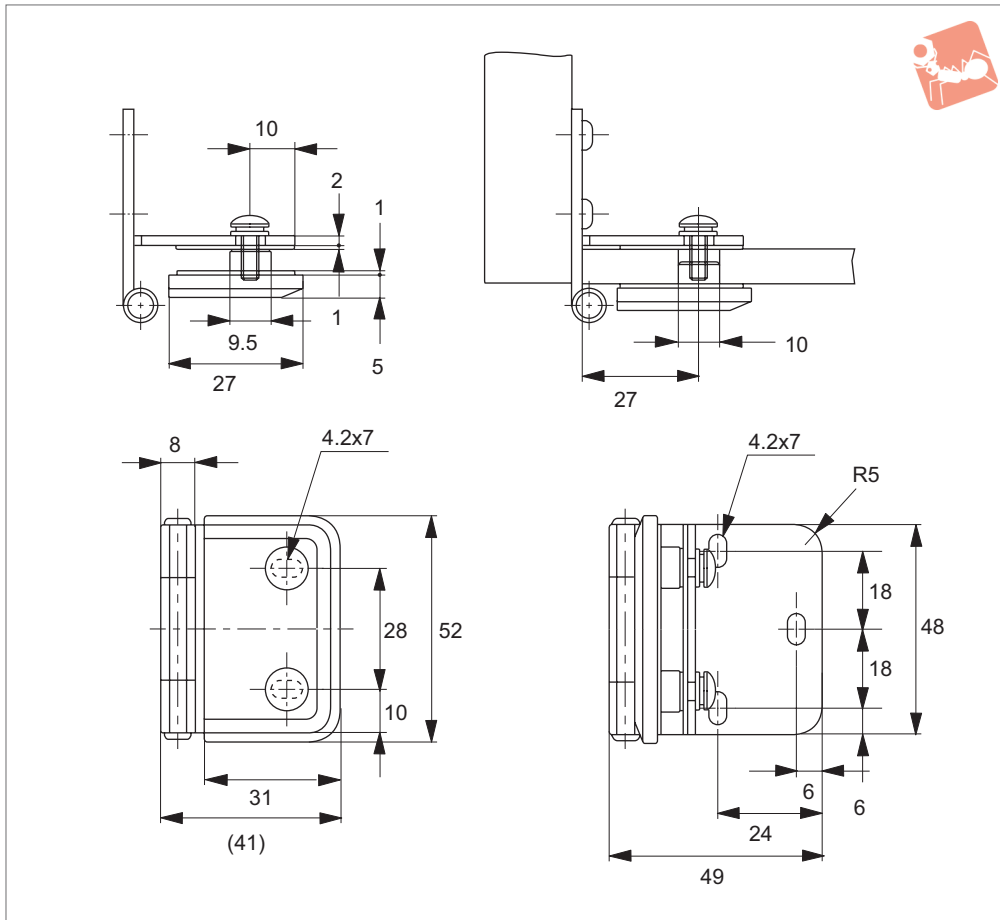
Order No.	Glass thickness mm	Finish	Load capacity 2 hinges kg
T2220.AC0010	5 to 8	Satin Nickel	15
T2220.AC0020	5 to 8	Chrome	15
T2220.AC0030	5 to 8	Gold	15



Glass Door Hinge - Inset Type

stainless steel

Hinges & Dampers



T2300

HINGES & DAMPERS

Material

Hinge body: stainless steel, AISI 304, polished.
Cover plate: zinc alloy, chrome plated.

Technical Notes

For door thicknesses 5 to 8mm.
Max. door size - 650w x 700h x 8mm thick.
Max. door weight - 12Kg per hinge pair.

Please note, you will need to drill holes in the glass in order to fit these hinges.

Order No.	Glass thickness mm	Finish	Load capacity kg
T2300.AC0010	5 to 8	Stainless	12

Glass Door Hinges Selection Chart

The Wixroyd range of glass door hinges are intended for the mounting of smaller doors and panels on cabinets and enclosures, typically their maximum load capacity is 4 Kg per hinge pair. Some of our larger hinges have a capacity of upto 12-15 Kg/pair.

Inset type hinges

Inset hinges are mounted on the inside of the cabinet frame, and are used for hanging doors/panels flush to the frame of the cabinet. Requires mounting holes to be cut into the glass.



Wixroyd product no.	Max. glass thickness (mm)	Max. load capacity per pair (Kg)	Max. door/panel size mm (subj. to max. load)	Requires mounting holes cut in glass
T2000	4 to 6	4	-	Yes
T2030	4 to 6	4	450 x 700	Yes
T2220	5 to 8	15	600 x 700	Yes
T2300	5 to 8	12	650 x 700	Yes
T2102	4 to 6	8	500 x 600	Yes

Overlay hinges

Overlay hinges are mounted to the inside of the cabinet frame, with the complete hinge profile resting on the cabinet frame. The door/panel is hung proud of the cabinet frame. Requires mounting holes to be cut into the glass.



Wixroyd product no.	Max. glass thickness (mm)	Max. load capacity per pair (Kg)	Max. door/panel size mm (subj. to max. load)	Requires mounting holes cut in glass
T2240	5 to 8	15	600 x 700	Yes
T2106	4 to 6	8	500 x 600	Yes

Half overlay hinges

Half overlay hinges are mounted to the inside of the cabinet frame, with half of the hinge profile resting on the cabinet frame. The door/panel is hung proud of the cabinet frame. Requires mounting holes to be cut into the glass.



Wixroyd product no.	Max. glass thickness (mm)	Max. load capacity per pair (Kg)	Max. door/panel size mm (subj. to max. load)	Requires mounting holes cut in glass
T2020	4 to 6	4	-	Yes
T2040	4 to 6	4	450 x 700	Yes
T2104	4 to 6	8	500 x 600	Yes

Glass-to-glass hinges

To hinge glass-to-glass, Tony says use these particular hinges, they provide non-flush hanging of glass to glass. Requires mounting holes to be cut into the glass.



Wixroyd product no.	Max. glass thickness (mm)	Max. load capacity per pair (Kg)	Max. door/panel size mm (subj. to max. load)	Requires mounting holes cut in glass
T2200	5 to 8	15	600 x 700	Yes

Set screw mount hinges

These simple to install glass hinges use set screws to clamp the glass, no cutting of the glass is required.



Wixroyd product no.	Max. glass thickness (mm)	Max. load capacity per pair (Kg)	Max. door/panel size mm (subj. to max. load)	Requires mounting holes cut in glass
T2260	4 to 8	-	450 x 1300	No
T2280	4 to 8	-	400 x 600	No



Stays

Our door stays and restrictors are designed to securely hold lids and doors in an open position. Additionally, we provide a diverse selection of stays to effectively control closure, including soft-close stays and spring-loaded stays. We have options for lightweight, medium or heavy-duty applications. With various colours and materials available, you can choose the stays that best suit your specific application for reliable and controlled movement.

Door stays materials: steel

- or stainless with or without release wire

Soft down stays and lid stays in

- downward or upward opening options



SOFT DOWN



SPRING LOADED



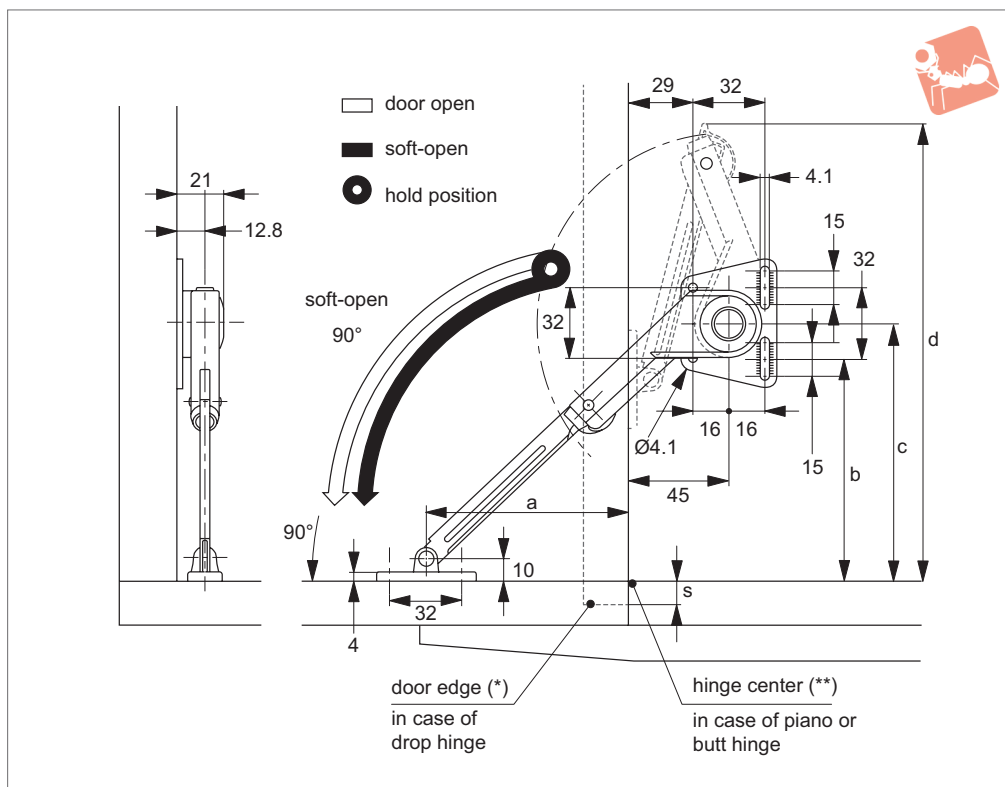
LID STAYS



DOOR STAYS



N0100



Material

Zinc alloy, steel,
bright nickel finish.
Supplied with screws (3,5x15)

Technical Notes

For use lids which are downward opening,
with piano, butt or drop hinges.

Designed to control speed at which a
suitable lid closes and hence prevent lid
slamming shut. Opening angle of 90°.
Temperature range - 0° to +40°C. Speed of

closure adjustable via screw located at end
of stay.

**Stay has a sprung elbow section which
must be released prior to closing lid -
please take care not to catch fingers
when handling.**

Important Notes

For use with relatively light weight cabinet
or furniture lids. Improper application, or
use on a lid not within recommended size
and load bearing value, may lead to stay
being overcome and slamming of lid.

1) Checking Application Suitability:

1) Check Lid Size:

One Stay used:

a) Max 35cm wide

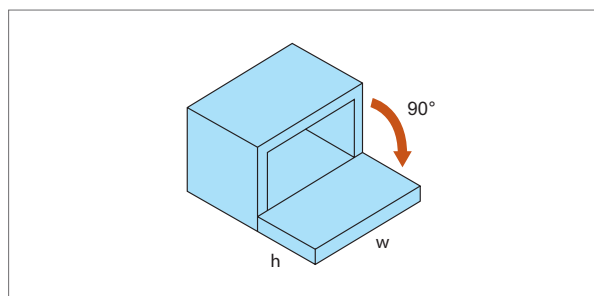
AND

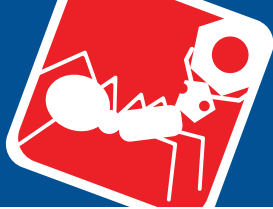
b) within acceptable lid width. height
combination - see chart.

If using only one stay-

Acceptable load bearing (T) between min.
20 to max 70 Kg/cm.

Order No.	Type	Acceptable load bearing single kg/cm min. max.	Acceptable load bearing pair kg/cm min. max.	Weight g
N0100.AC0010	Right	16 - 70	32 - 140	210
N0100.AC0110	Left	16 - 70	32 - 140	210

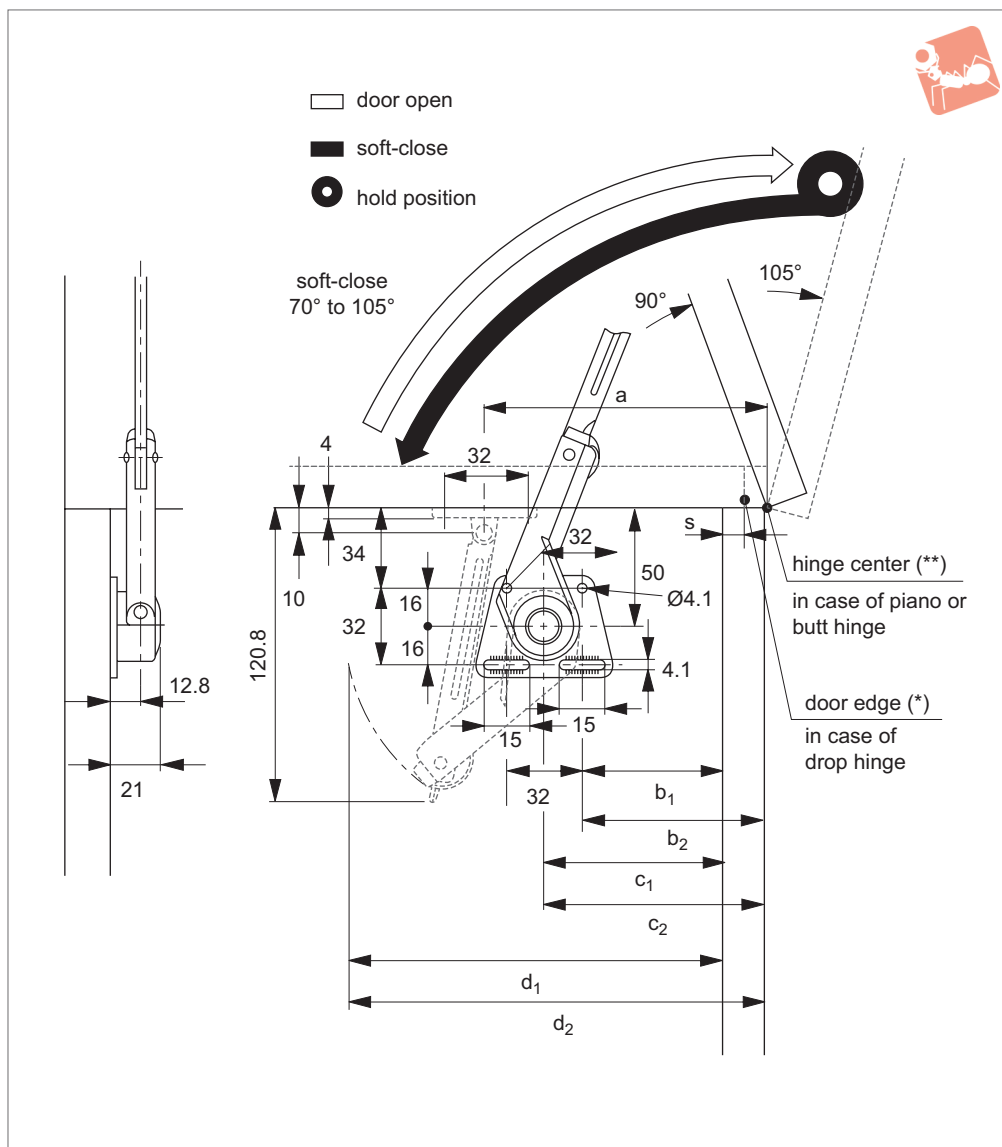




Soft-Closing Stays - for Top Opening Lid

70° - 105° opening angle

Stays



N0200

STAYS

Material

Zinc alloy, steel,
bright nickel finish.
Supplied with screws (3,5x15)

Technical Notes

For use with lids which are top opening,
with piano, butt or drop hinges.

Designed to control speed at which a
suitable lid closes and hence prevent lid
slamming shut. Opening angle of 70° -
105°. Temperature range - 0° to +40°C.
Speed of closure adjustable via screw
located at end of stay.

**Stay has a sprung elbow section which
must be released prior to closing lid -
please take care not to catch fingers**

when handling.

Important Notes

For use with relatively light weight cabinet
or furniture lids. Improper application, or
use on a lid not within recommended size
and load bearing value, may lead to stay
being overcome and slamming of lid.

1) Checking Application Suitability:

1) Check Lid Size:

One Stay used:

- a) Max 35cm wide
AND
- b) within acceptable lid width.
Height combination - see chart.

Two Stays used:

a) Max 120cm wide

AND

b) within acceptable lid width/height
combination - see chart.

2) Secondly, check load bearing value.

2) Check Load Bearing Value (T):

T (Load Bearing Value of stay Kg/cm) = $1/2$
Door Height cm x Door Weight Kg

If using only one stay-

Acceptable load bearing (T) between min.
20 to max 70 Kg/cm.

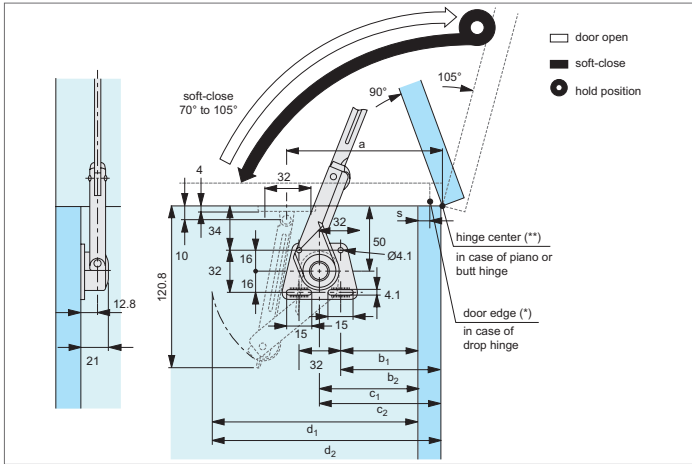
If using two stays-

Acceptable load bearing (T) between min.
40 to max 140 Kg/cm.



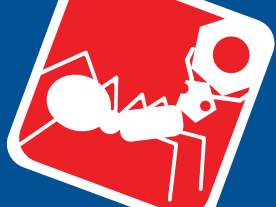
Order No.	Type	Acceptable load bearing single kg/cm min. max.	Acceptable load bearing pair kg/cm min. max.	Weight g
N0200.AC0010	Left	20 - 70	40 - 140	210
N0200.AC0110	Right	20 - 70	40 - 140	210

STAYS



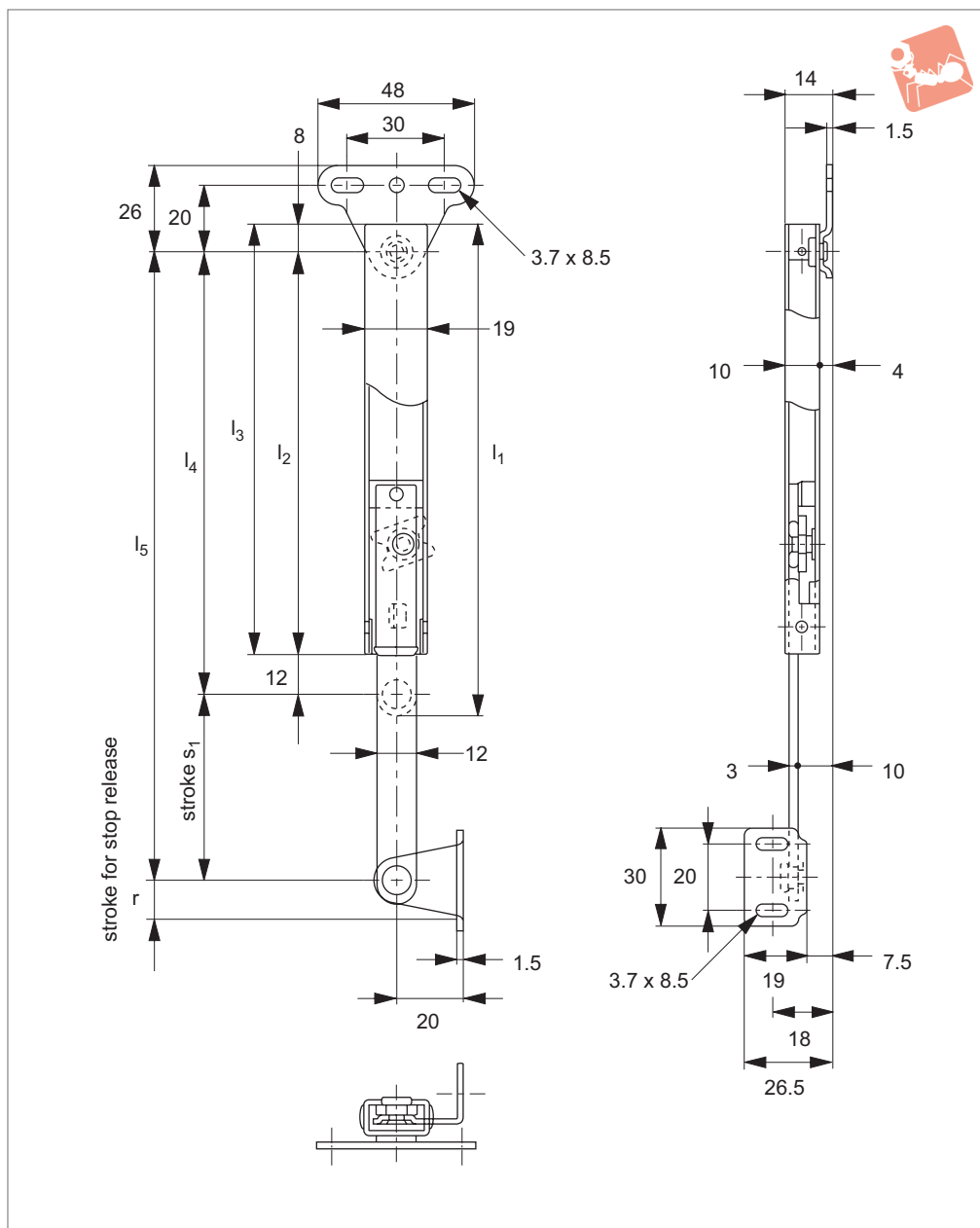
Piano/Butt Hinge	Opening Hinge	A	B ₁	C ₁	D ₁
Left/Right	70	125	84	100	184
Left/Right	105	97	56	72	156

Concealed Hinge	Opening Hinge	A	B ₂	C ₂	D ₂
Left/Right	70	126	85-S	101-S	185-S
Left/Right	105	103	62-S	78-S	162-S



Lid Stays with positive stop - stainless steel

Stays



N0500

STAYS

Material

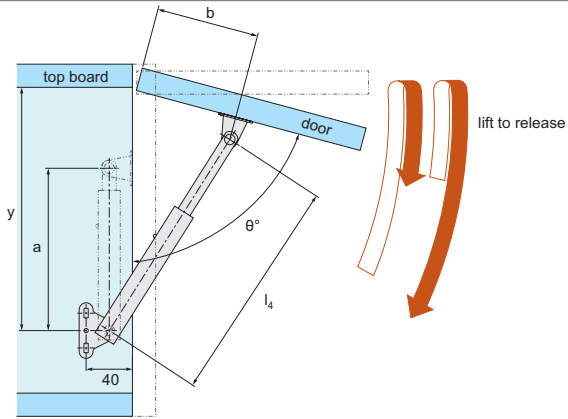
Stainless steel, AISI 304, satin finish.

Technical Notes

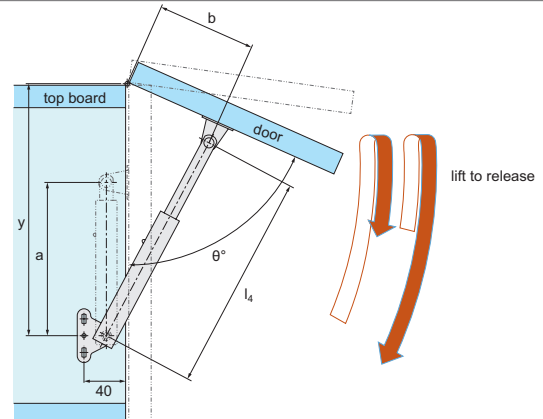
Universal left or right hand application.

Max. load Kg is per stay. Only one stay required per lid. Stay has positive stop to hold lid in fully open position. For use with piano or butt hinge.

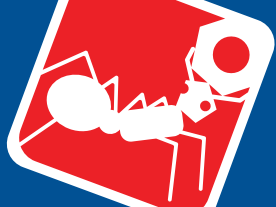
Order No.	Opening angle max.	Stop release stroke r	l_1	l_2	l_3	a	b	c	Load kg max.	Lid height mm	Weight g
N0500.AC0014	75°	14.5	148	121	129	133	62	195	15	250 - 350	125
N0500.AC0018	90°	14.5	185	158	166	170	100	270	15	320 - 500	150
N0500.AC0016	90°	22.0	168	141	149	153	62	215	15	260 - 350	140
N0500.AC0020	120°	22.0	205	178	186	190	100	290	15	340 - 500	160



Installation with concealed hinge



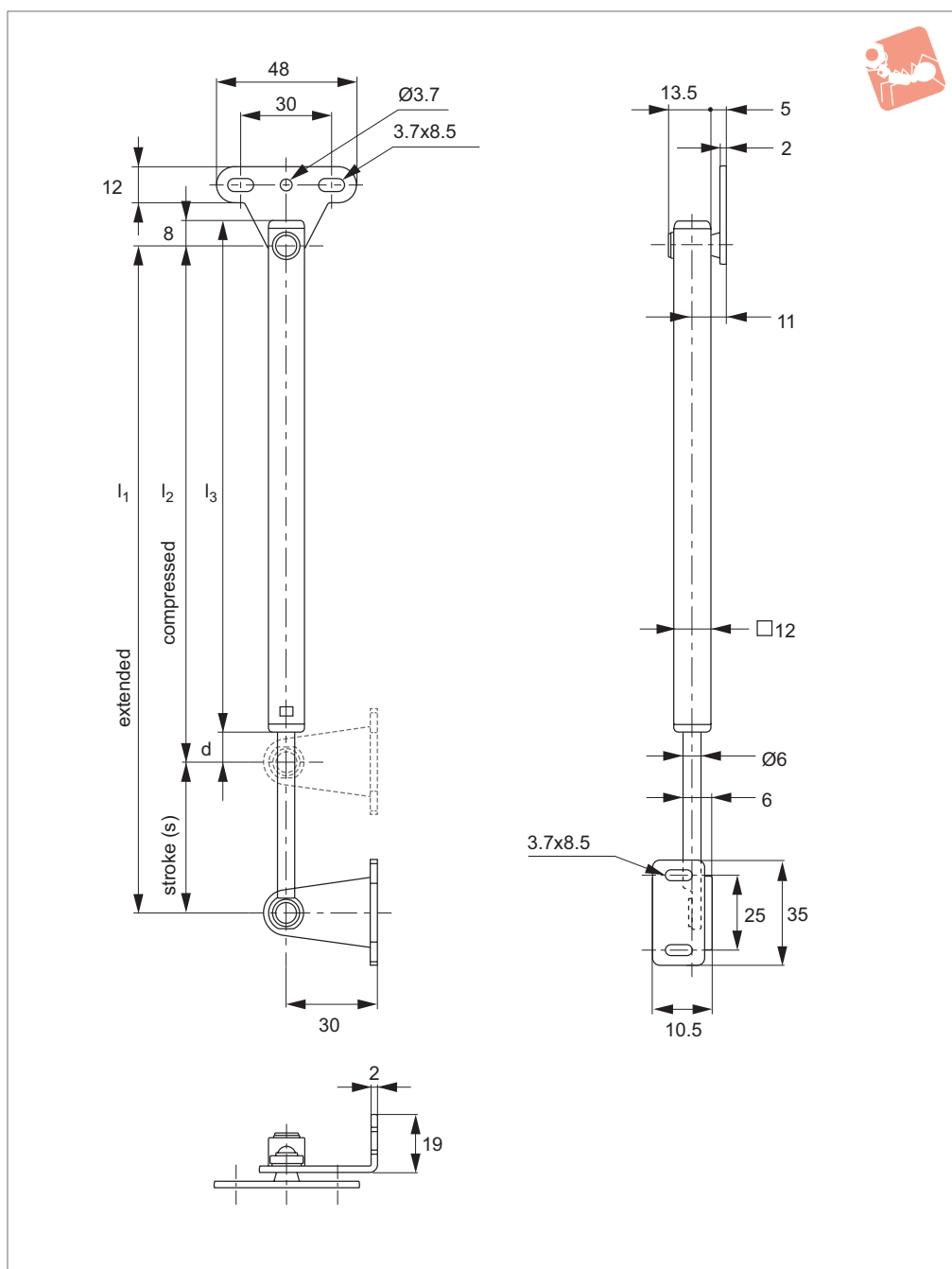
Installation with piano or butt hinge



Spring Loaded Lid Stays

stainless steel

Stays



N0900

STAYS

Material

Stainless steel, AISI 304, satin finish.

holds in open position (see installation table for suitable lid weights).

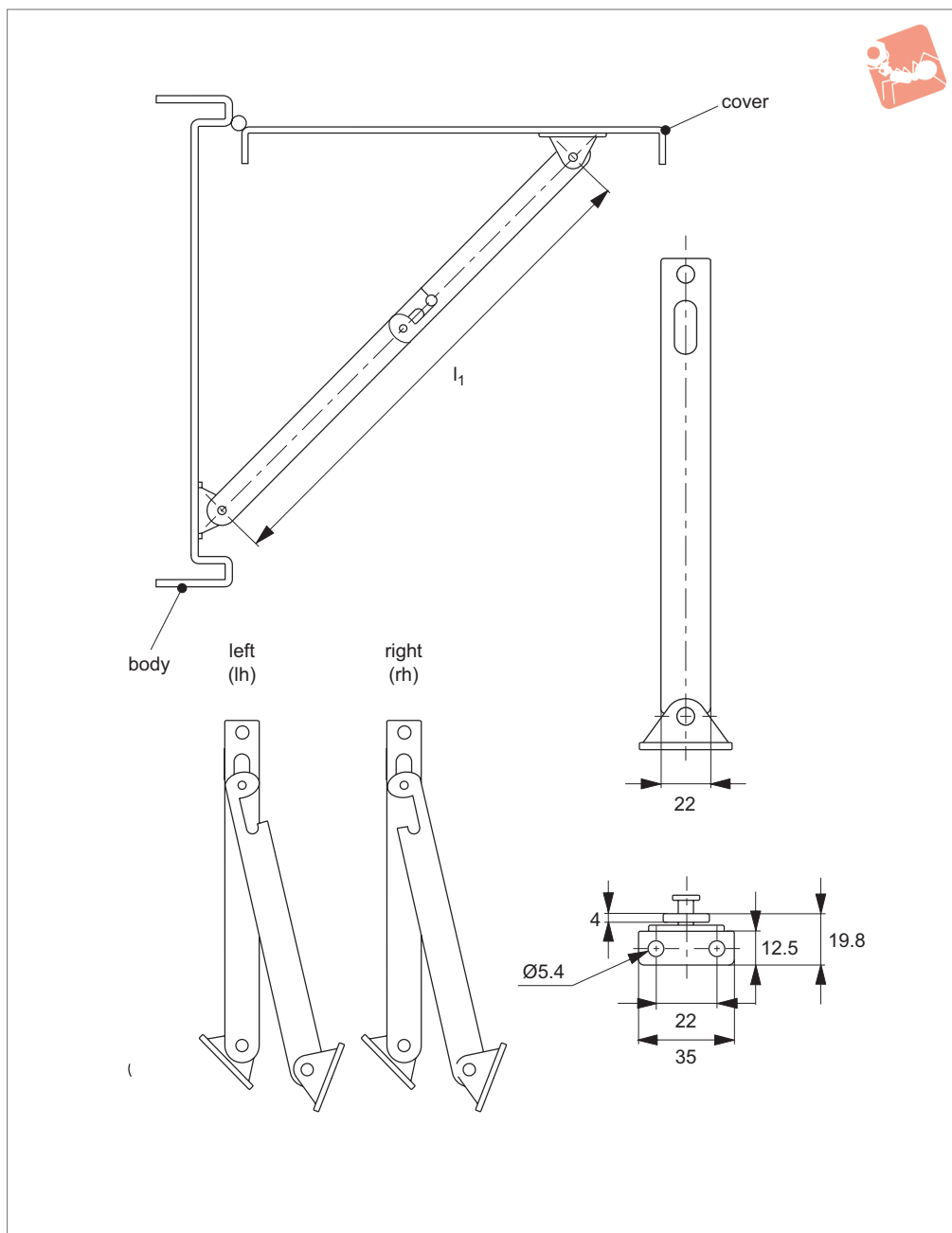
Important Notes

Spring mechanism assists lifting door and

Order No.	l_1	l_2	l_3	d	s	Extended force kgf	Compressed force kgf	Weight g
N0900.AC0010	222	172	170	10	50	3.2	7.0	145
N0900.AC0020	335	250	238	20	85	3.8	8.5	185
N0900.AC0030	380	280	269	19	100	3.6	8.5	205



N0956



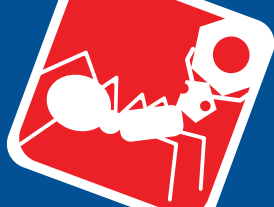
Material

Stainless steel, AISI 304.

Technical Notes

Right or left handed, please refer to table.
Ideal for screw or weld-on mounting.

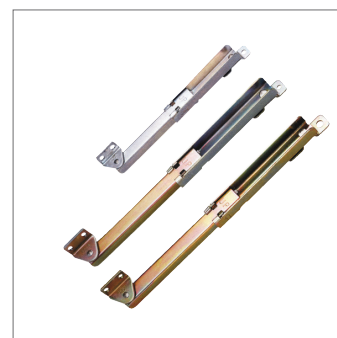
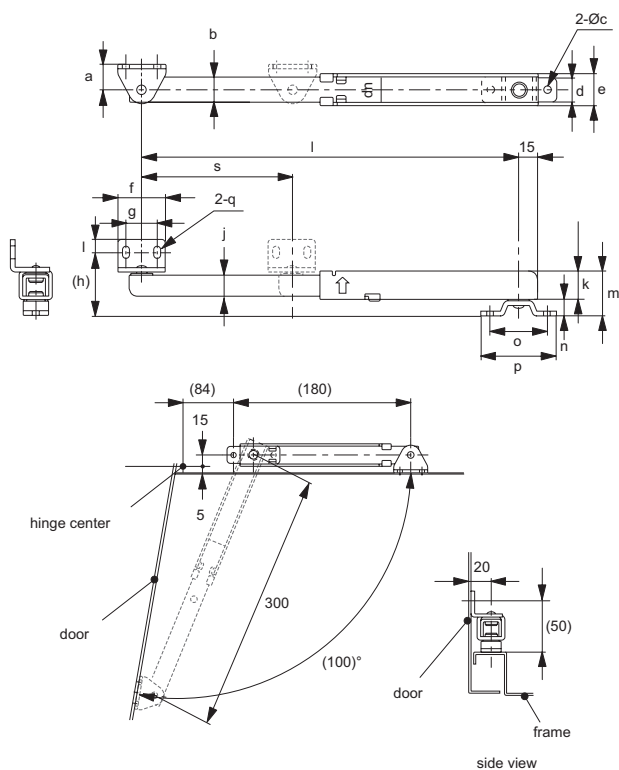
Order No.	Hand	l_1
N0956.AC0006	Right	135
N0956.AC0008	Right	202
N0956.AC0010	Right	292
N0956.AC0106	Left	135
N0956.AC0108	Left	202
N0956.AC0110	Left	292



Door Stays

foot release - 100° opening

Stays



N2050

STAYS

Material

Steel, yellow zinc chromate.

Install at base of door for quick foot release.

Important Notes

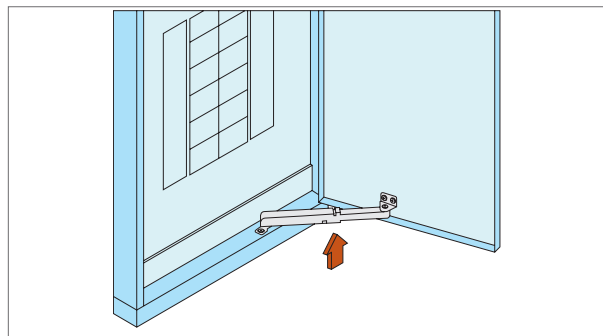
Check max. tensile force for load bearing capacity.

Technical Notes

Mechanically locks door when fully open.

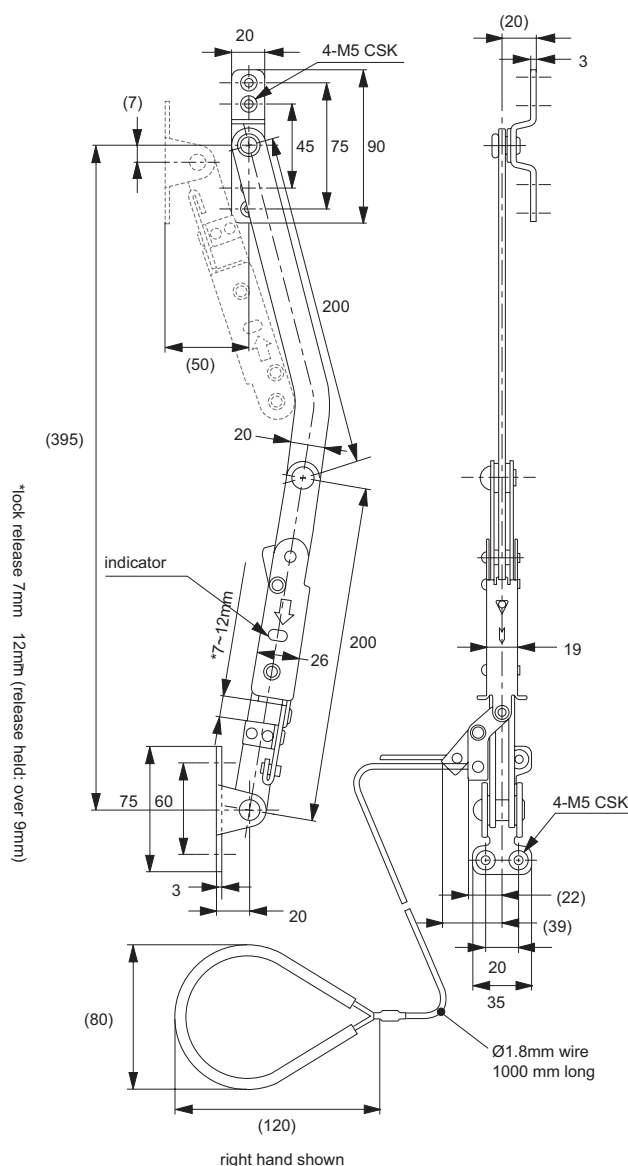
Order No.	a	b	c	d	e	f	g	h	i	Weight g
N2050.AC0005	15	15.9	5.5	17	20.0	33	20	42	8	205
N2050.AC0010	20	20.0	5.5	20	25.5	38	25	50	10	433
N2050.AC0020	20	20.0	9.0	20	25.5	38	25	50	10	460

Order No.	j	k	l	m	n	o	p	q	s	Comp. load kg max.	Tensile force kg max.
N2050.AC0005	15.7	20.0	200	30	2.3	35	50	5,5x8,0	70	50	90
N2050.AC0010	17.0	22.5	300	35	3.2	45	60	5,5x9,5	120	60	150
N2050.AC0020	17.0	22.5	300	35	3.2	50	72	5,5x9,5	120	60	150





N2200



Material

All parts from stainless steel, AISI 304.

Technical Notes

Suitable for heavy duty horizontal door applications. Right and left versions

available, with or without lock release wire.

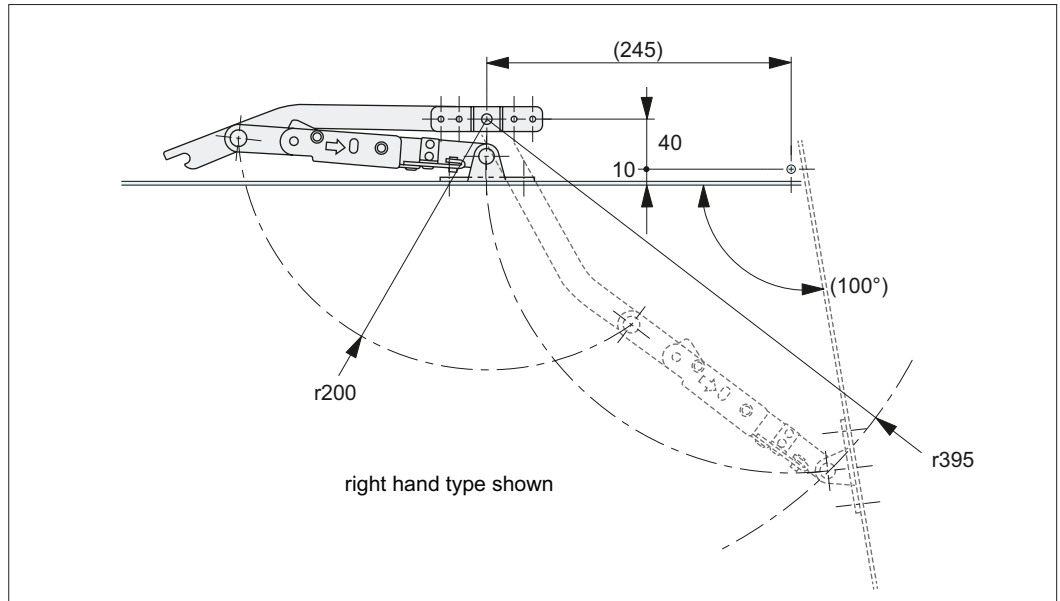
Tips

Locks automatically in open position, can be released via lock release or optional

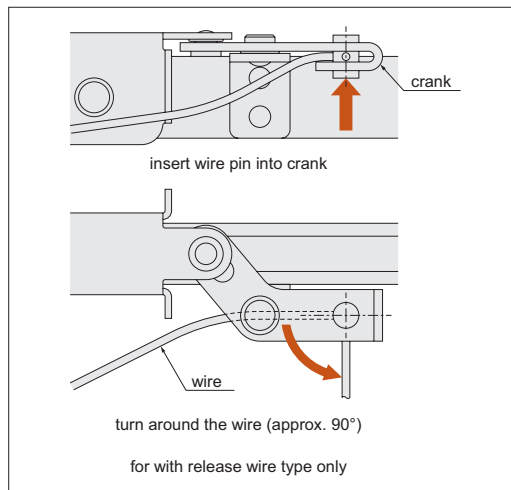
**release wire.
Easy to install.**

Order No.	Type	Finish	Comp. force kg max.	Tensile force kg max.
N2200.AC0010	Right	With Release Wire	60	150
N2200.AC0020	Right	Without Release Wire	60	150
N2200.AC0110	Left	With Release Wire	60	150
N2200.AC0120	Left	Without Release Wire	60	150

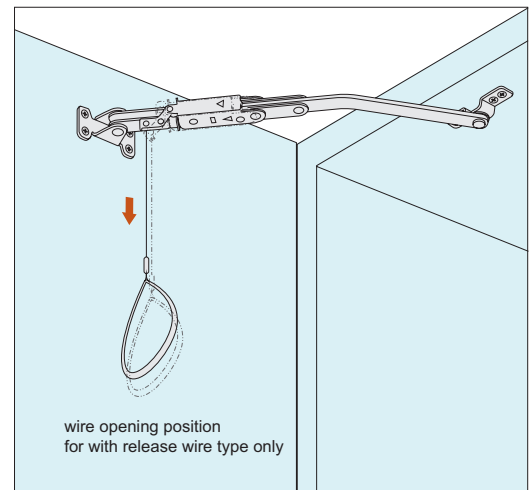
Installation dimensions



Installation of lock release wire



Installation of Lock Release Wire

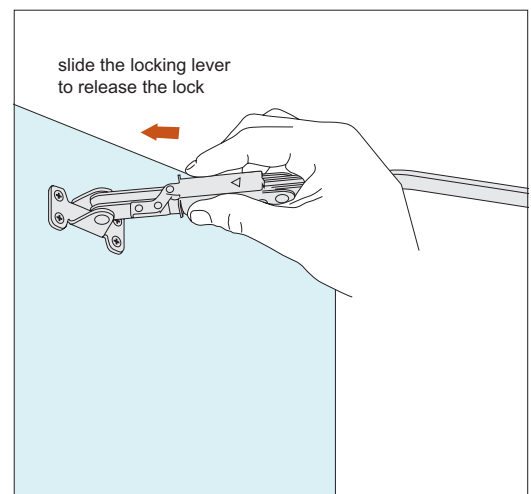


Release of Stay with Release Wire

Stay lock and release



Full Lock Out Indicator



Manual Stay Release

Door Stay Product Selection Chart

	Mounting			Door Opening			Material		Heavy Duty	Compression Force Kg	Max Door Width mm	Tensile Force Kg	Max Angle
	Right	Left	Universal	Muti Stop	Soft Closing	Hold Open	Steel	Stainless Steel					
N2000 			3	3				3			600-910		90°
N2020 	3	3			3			3		0,6-1,5	300		90°
N2050 			3			3	3			50-60		50-60	100°
N2100 	3	3				3		3		50-60		150	100°
N2120 			3			3			3	30		60	100°
N2200 	3	3				3		3	3	50-60		150	100°



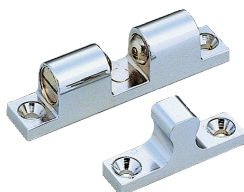
Catches & Latches

Catches and latches ease the opening and closing of small cabinet doors and panel covers in a wide spectrum of applications; such as telecoms cabinets, special purpose machines, scientific equipment etc. Their compact and discrete design minimises their visual impact and means they can go unnoticed on your application. We offer catches and latches with a variety of operating mechanism approaches including; touch latches, push button, magnetic catches and friction catches etc. They are available in an array of materials; plastics, galvanised steel and stainless steel.

- Touch catches
- Magnetic touch catches
- Push-to-close catches
- Knuckle catches
- Lever catches
- Tension catches
- Magnetic catches
- Bar catches



**DRAWER
LATCHES**



**TENSION
CATCHES**



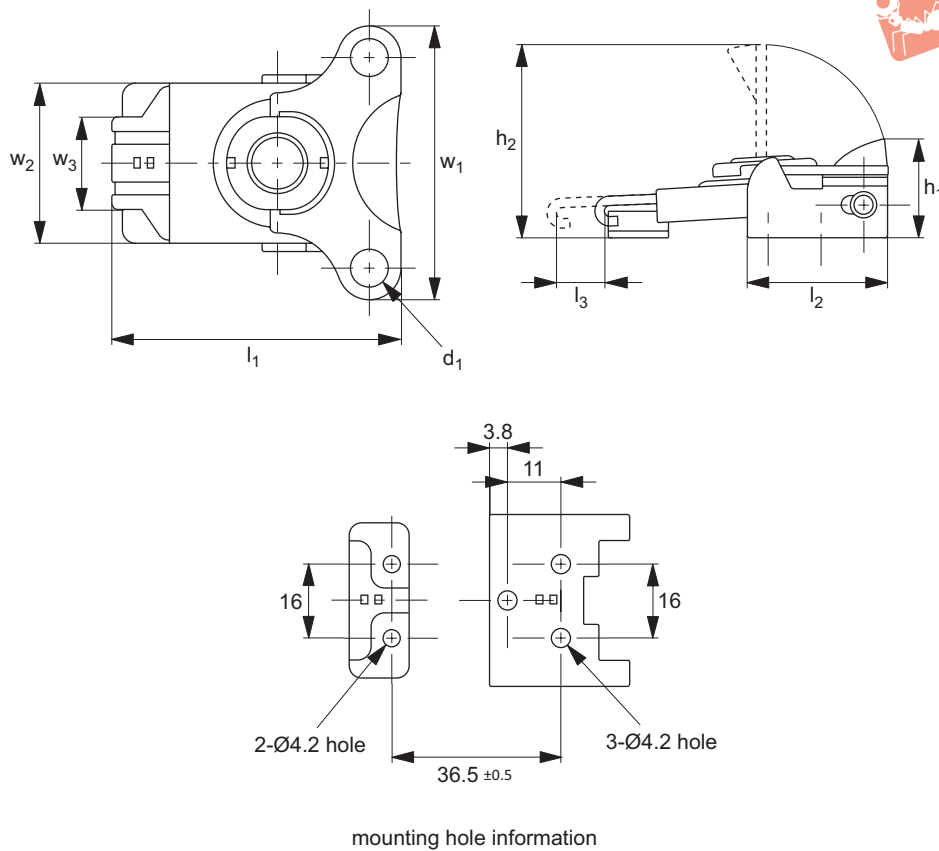
**TOGGLE
LATCHES**



**TOUCH
LATCHES**



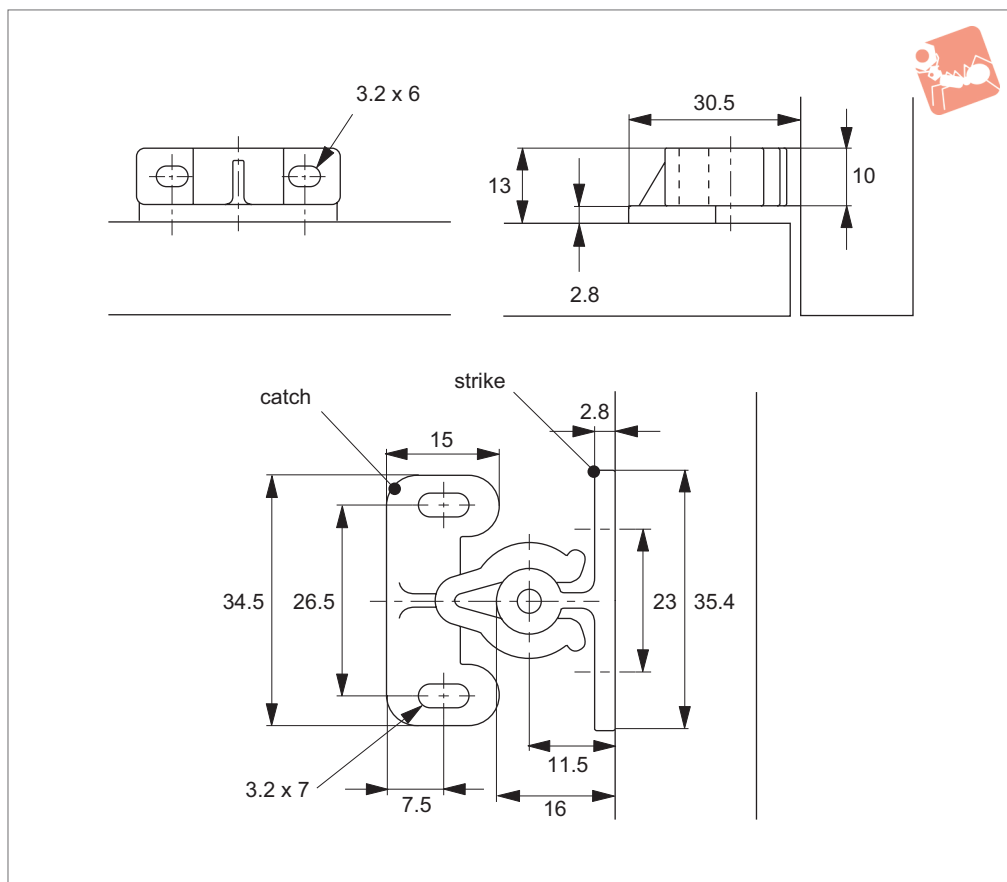
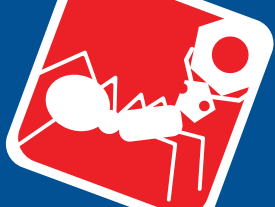
J0100



Material

All parts from stainless steel, AISI 304, polished.

Order No.	l_1	h_1	w_1	$\varnothing d_1$	h_2	l_2	l_3 stroke	w_2	w_3	Weight g
J0100.AC0030	61	22	60	8	43	30	10	34.5	20	85



E2050

CATCHES & LATCHES

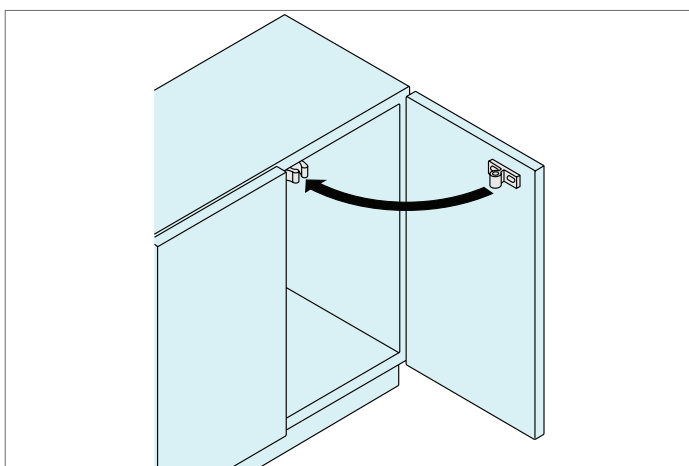
Material

Catch: polyacetal, white.
Strike: polyamide, white.

Technical Notes

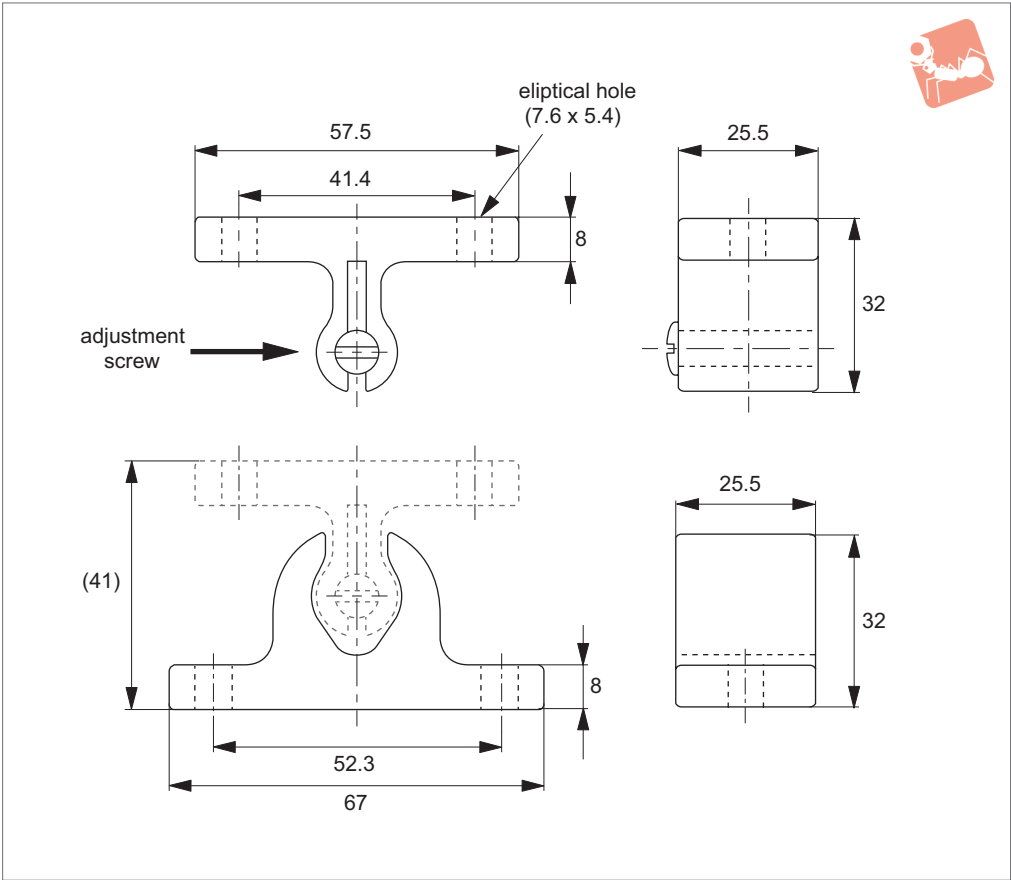
Screws not supplied.

Order No.	Push in force kg	Pull out force kg	Weight g
E2050.AC0010	5.7	7.1	4.5





E2100

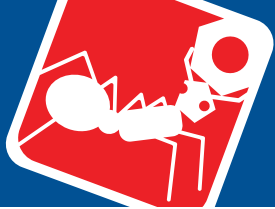


Material
Nylon.

to hold the catch can be varied. Holding force of up to 20Kg.

Technical Notes
By adjusting the screw the force required

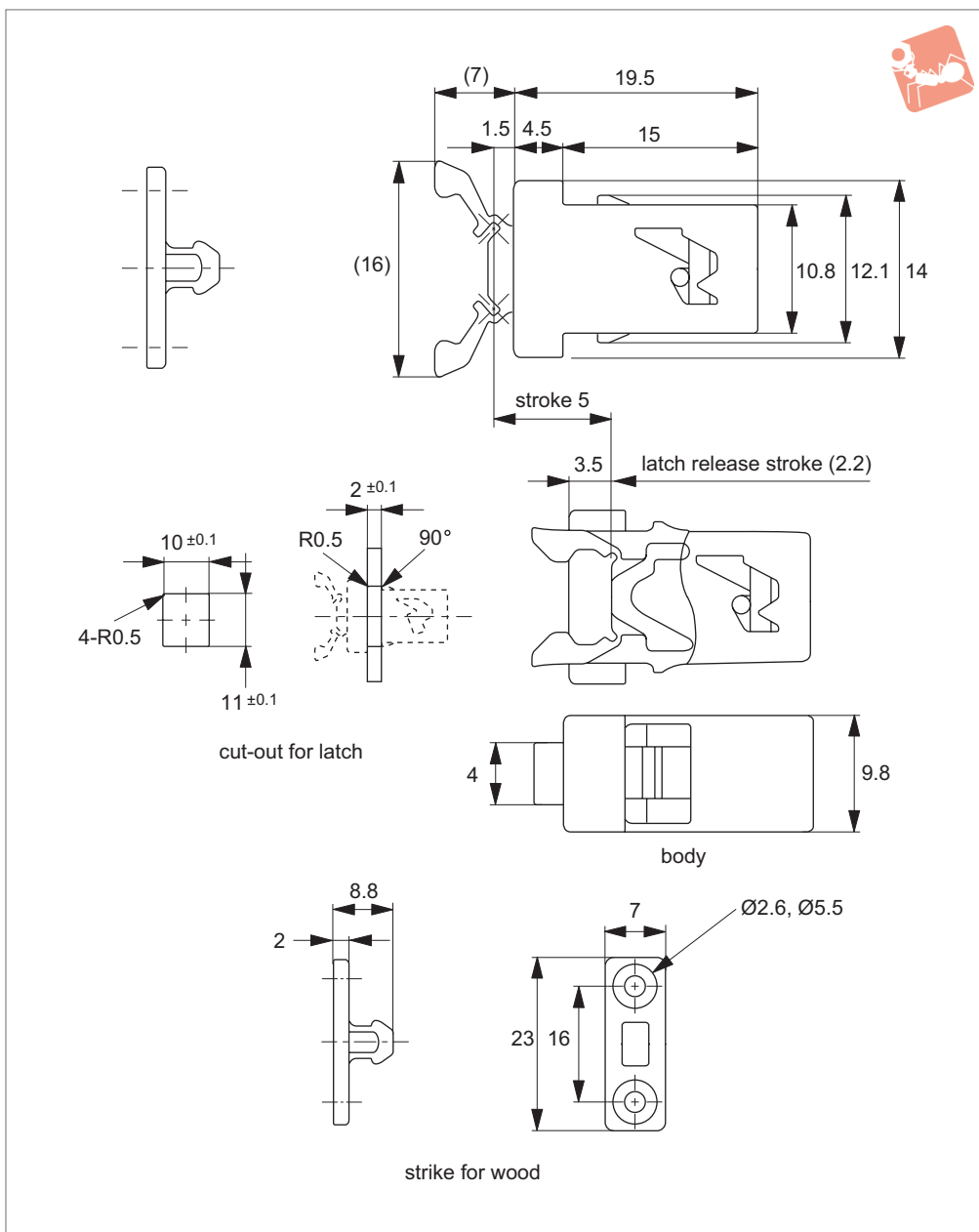
Order No.	Finish	Push in force kg min.	Push in force kg kg max.	Pull out force kg min.	Pull out force kg kg max.	Weight g
E2100.AC0010	White	13	27	8	20	42
E2100.AC0020	Black	13	27	8	20	42



Mini Touch Latches

non-magnetic

Catches & Latches



E3200

CATCHES & LATCHES

Material

Body: polycarbonate.
Spring: stainless steel, AISI 304.

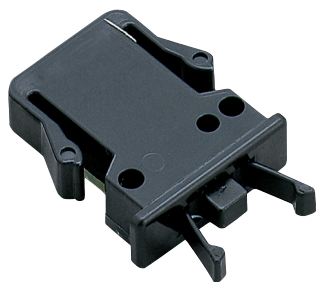
Strike: nylon.

included.

Technical Notes

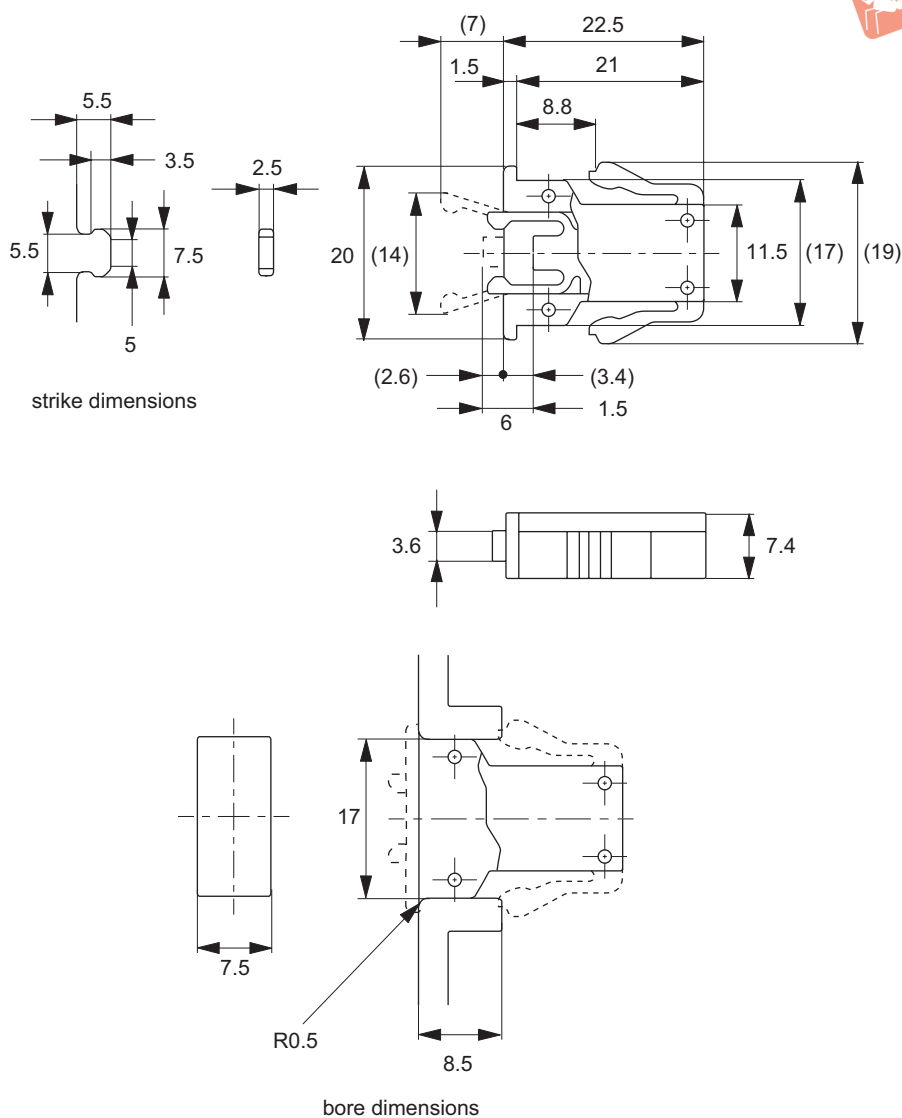
Strikes ordered separately. Screws not

Order No.	Type	Retaining force kg	Weight g
E3200.AC0020	Latch	3.5	2.3
E3200.AC0022	Strike for Wood	3.5	0.2



E3400

CATCHES & LATCHES



Material

Body: ABS plastic.
Strike: polyamide.

Technical Notes

Strike not supplied. Dimensions shown are for your own fabrication of strike to best

suit your application.

Order No.

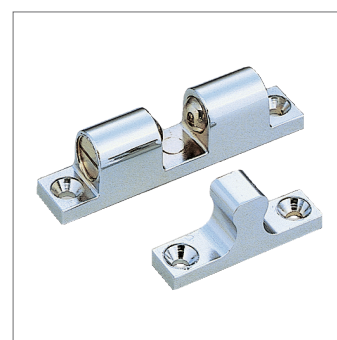
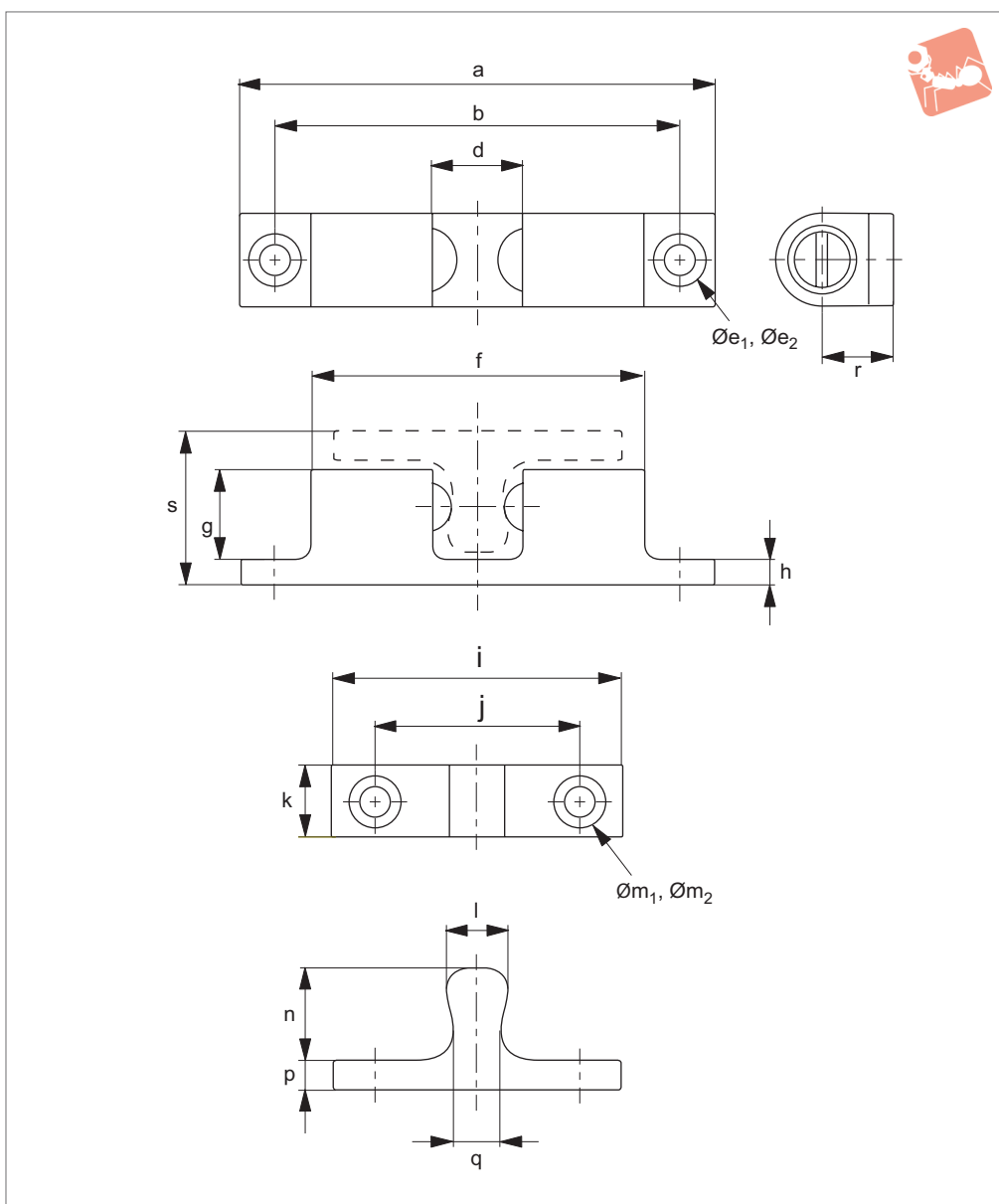
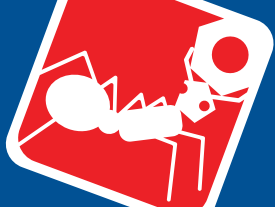
E3400.AC0020

Finish

Black

Weight

g
2.5



E4000

Material

Body: zinc alloy, chrome finish.

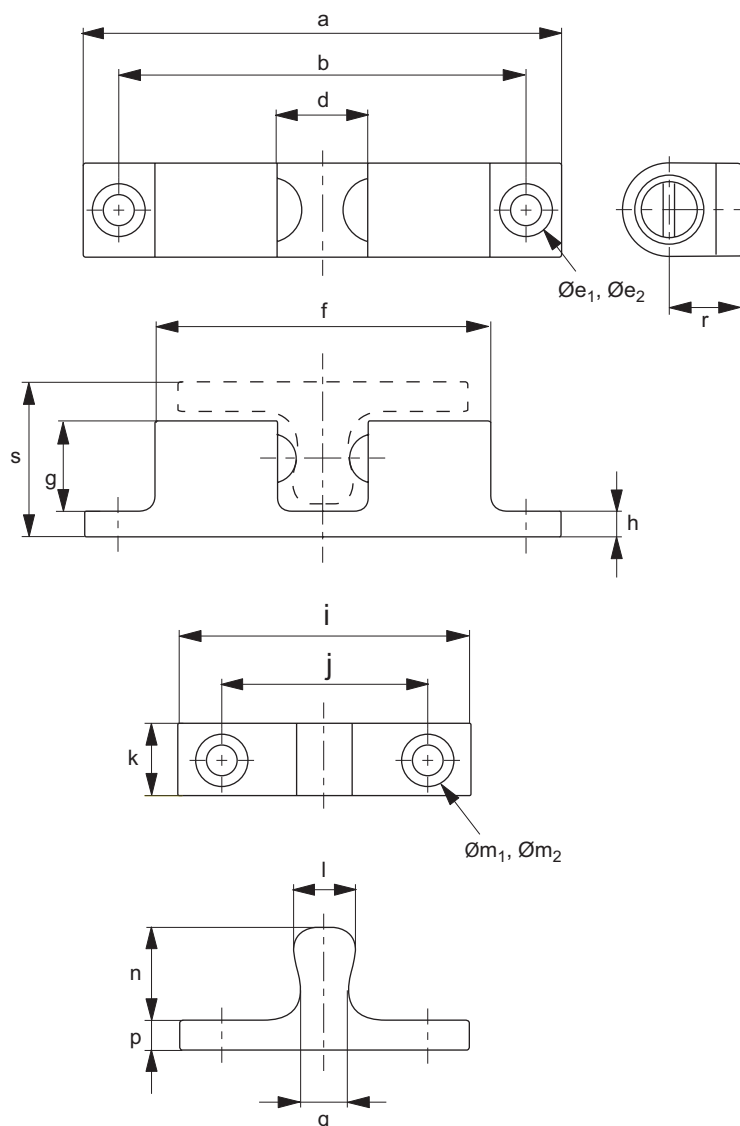
Ball: ball bearing stainless steel.

Order No.	Push in force kgf	Pulling force kgf	a	b	c	d	$\varnothing e_1$	$\varnothing e_2$	Weight g
E4000.AC0040	4.4	3.0	42.5	35	8.0	6.3	3.2	6.2	16
E4000.AC0050	4.1	3.3	50.0	40	10.0	8.4	4.2	8.2	26
E4000.AC0070	4.6	3.5	70.0	60	13.5	13.0	4.2	8.2	70

Order No.	f	g	h	i	j	k	l	$\varnothing m_1$	$\varnothing m_2$	n	p	q	r	s
E4000.AC0040	26.7	7.5	2.5	25	16	7.5	5.5	3.2	6.2	8.8	2.5	3.7	6.5	14.0
E4000.AC0050	29.8	9.5	3.0	30	20	9.0	7.3	4.2	8.2	9.8	2.5	4.7	7.4	16.0
E4000.AC0070	49.0	13.0	4.0	42	30	10.5	11.0	4.2	8.2	14.2	3.0	8.2	11.0	21.2



E4100



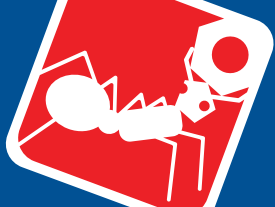
Material

Body: stainless steel, AISI 316, polished.

Ball: ball bearing stainless steel.

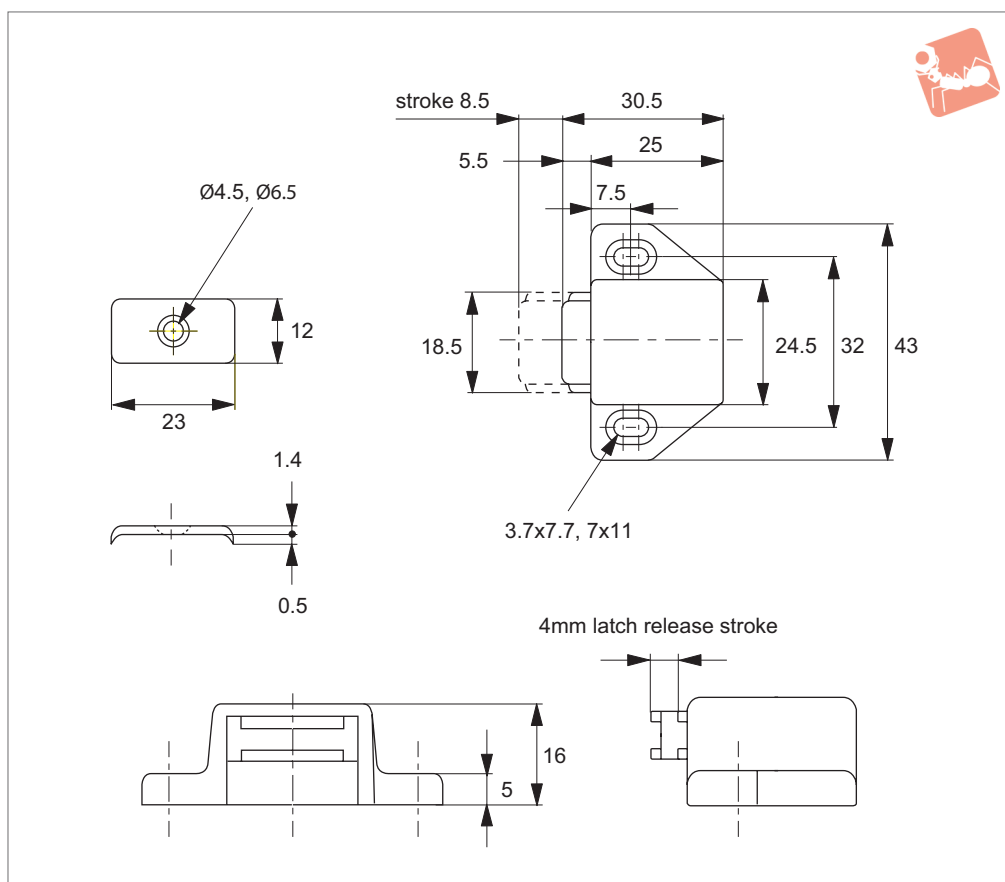
Order No.	Push in force kgf		Pulling force kgf		a	b	c	d	e ₁	e ₂	Weight g			
E4100.AC0040	2.0		1.3		43	35	8	5.9	3.2	6.2	18			
E4100.AC0050	2.3		1.8		50	40	10	7.5	4.2	8.2	30			
E4100.AC0070	5.7		3.9		70	60	13	13.0	4.2	8.2	83			

Order No.	f	g	h	i	j	k	l	m ₁	m ₂	n	p	q	r	s
E4100.AC0040	28.4	7.5	2.5	25	16	7.5	4.5	3.2	6.2	8.5	2.5	2.7	6.0	13.5
E4100.AC0050	31.5	9.3	2.9	30	20	9.0	6.0	4.2	8.2	10.3	2.9	3.8	7.7	15.9
E4100.AC0070	51.0	13.0	4.0	42	30	10.5	10.0	4.2	8.2	15.0	4.0	8.0	10.5	23.0



Magnetic Touch Latches for overlay doors

Catches & Latches



E5000

CATCHES & LATCHES

Material

Body: ABS plastic.
Latch and counter plate: steel, nickel plated.

Technical Notes

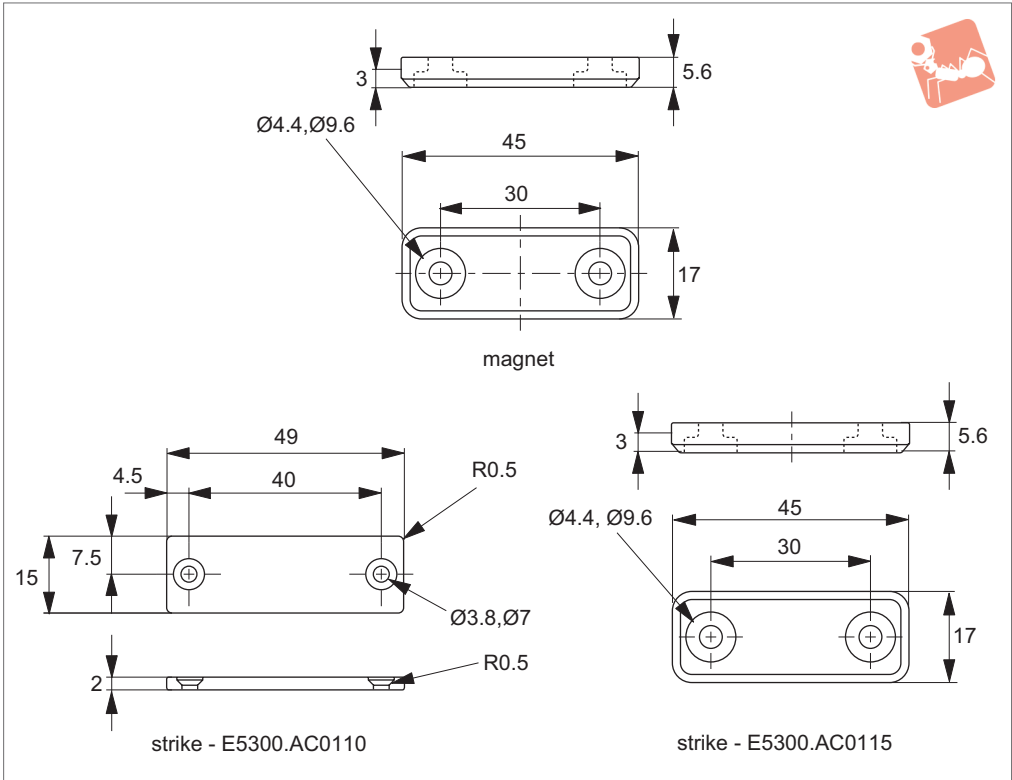
For overlay doors a 4mm gap between the door and cabinet frame is required for the latch release stroke.

Supplied with screws (3.1x13).

Order No.	Finish	Magnetic force kgf	Weight g
E5000.AC0010	White	1.2	22.5
E5000.AC0030	Brown	1.2	22.5



E5320

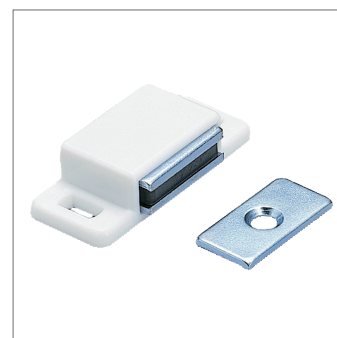
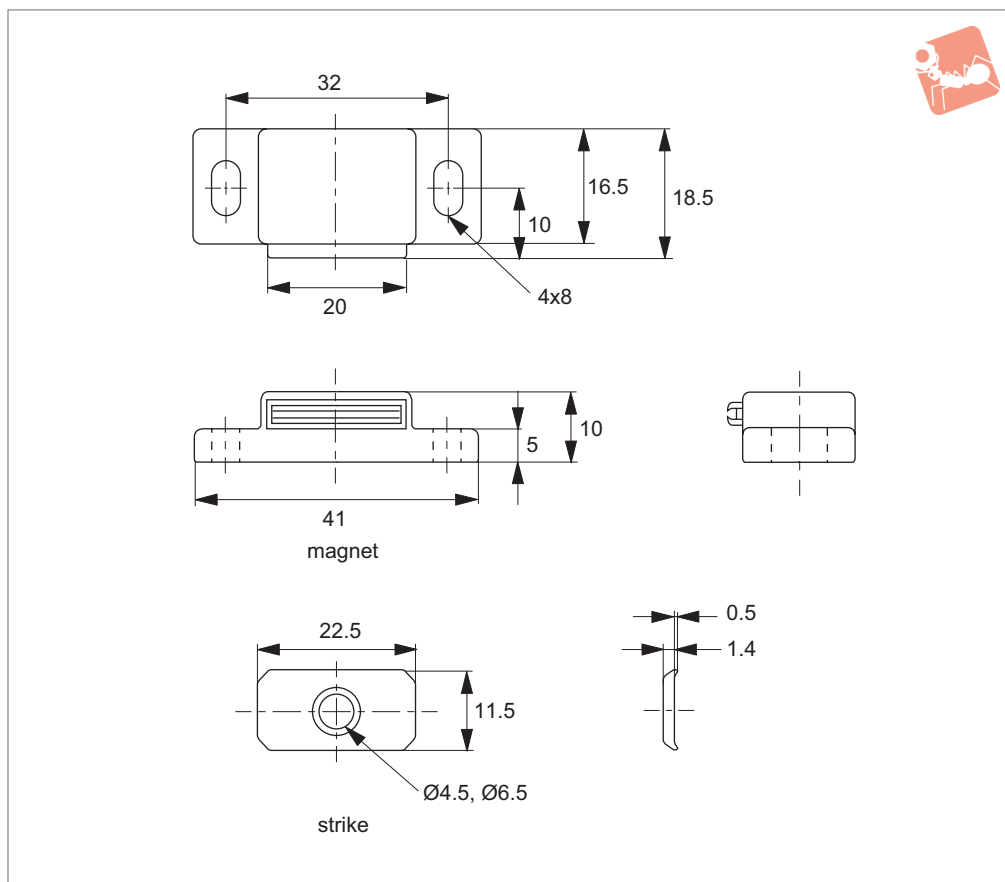
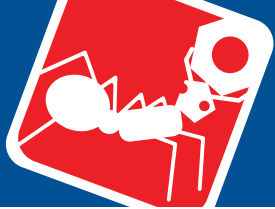


Material
Magnet body: polyacetal.
Magnet: neodymium.
Strike plate: stainless steel, AISI 304,

specifically treated for magnetism; or sealed
strike plate in polyacetal.

Technical Notes
Ideal for clean room and medical environments, hermetically sealed.

Order No.	Type	Magnetic force kgf	Finish	Weight g
E5320.AC0010	Magnet	3.0	White	9



E5650

CATCHES & LATCHES

Material

Body: polypropylene.
Strike: steel.

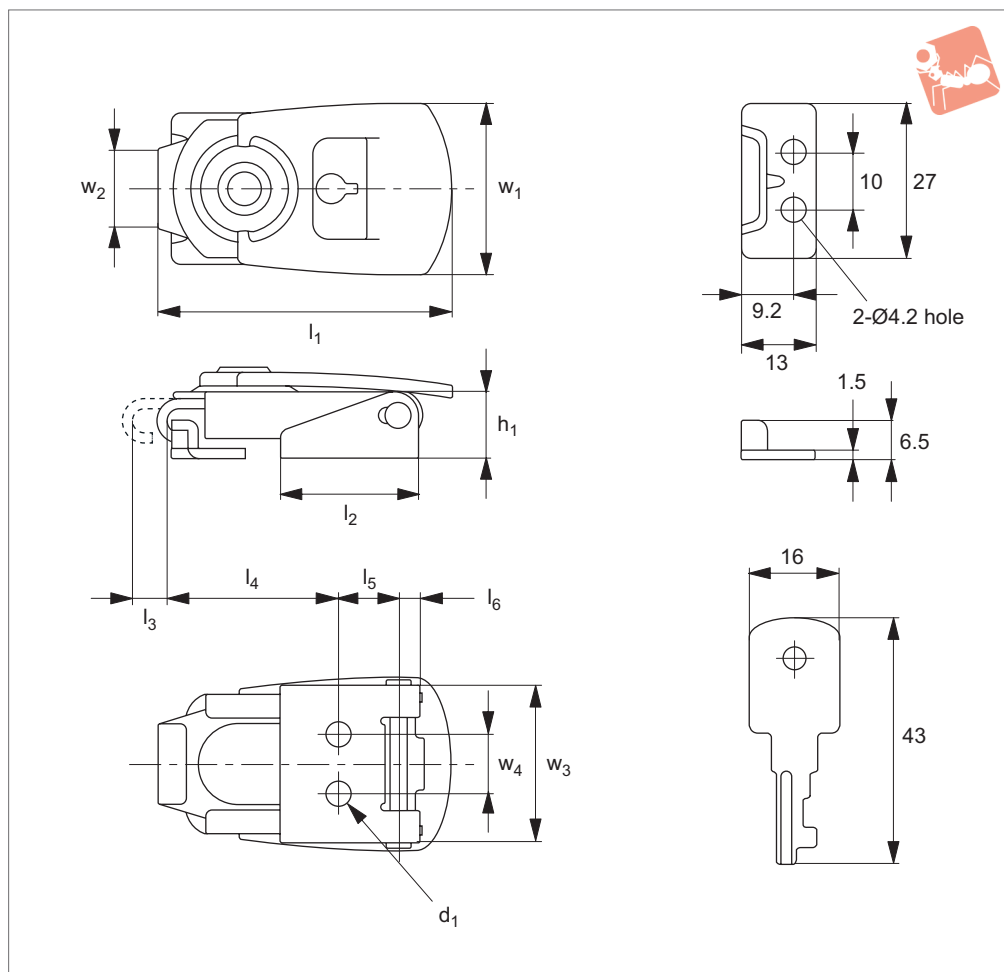
Technical Notes

Screws not supplied.
Magnet and strike supplied together.

Order No.	Magnetic force kgf	Finish	Weight g
E5650.AC0010	1.5	White	12
E5650.AC0015	3.5	White	12
E5650.AC0020	1.5	Black	12
E5650.AC0025	3.5	Black	12



J0170



Material

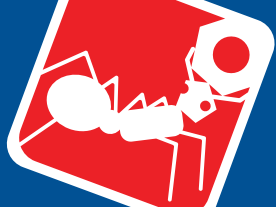
All parts from stainless steel, AISI 304, plain.

Technical Notes

Compact size, high strength.

Single key supplied.

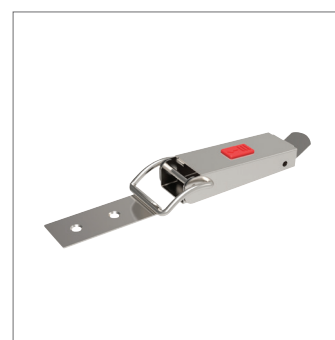
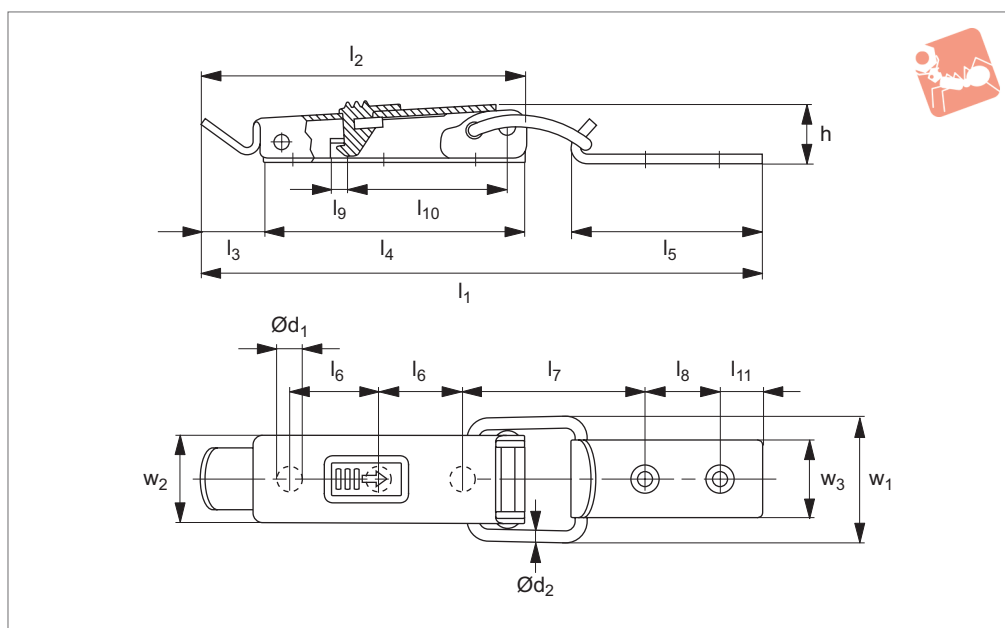
Order No.	l_1	h_1	w_1	$\varnothing d_1$	l_2	l_3	l_4	l_5	l_6	w_2	w_3	w_4	Weight g
J0170.AC0030	51	11.5	30	4.2	24	6	31~(33)	10.5	3.5	14	27.3	10	50



Toggle Latches

with secondary lock, **stainless steel**

Catches & Latches



J0422

CATCHES & LATCHES

Material

Stainless steel AISI 304, UNI x5crNi.

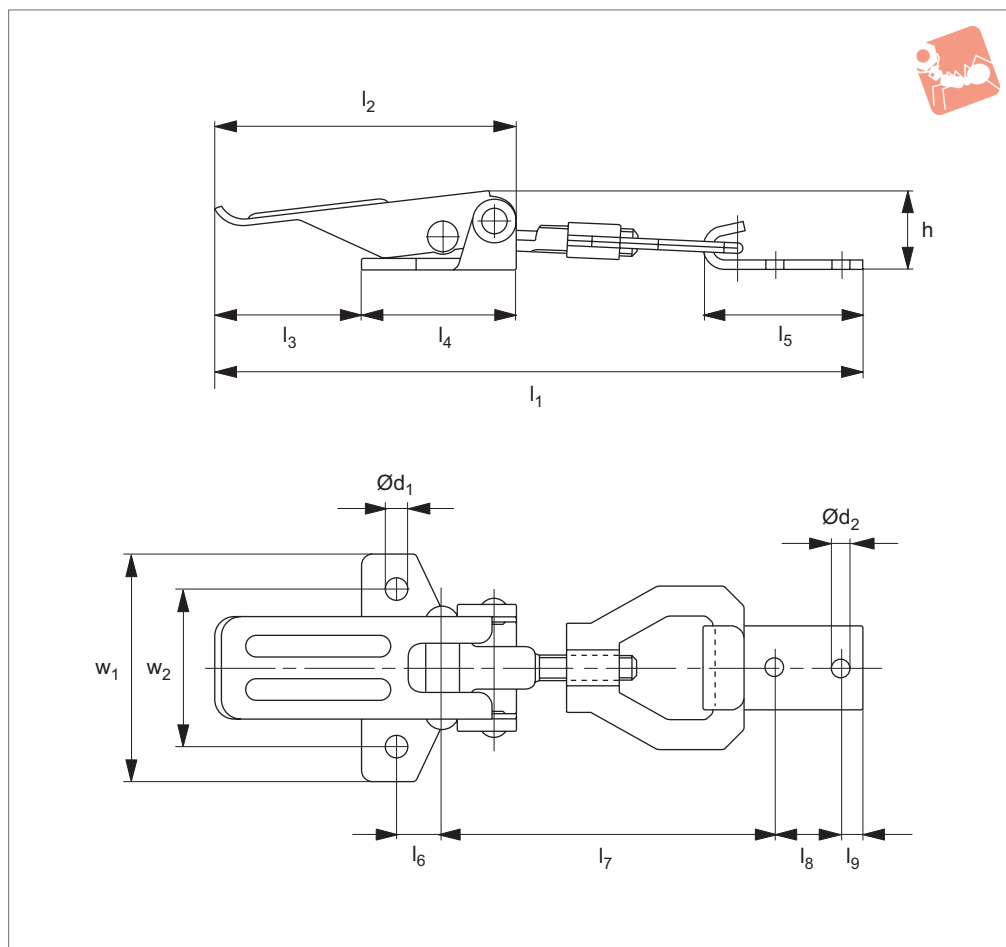
Technical Notes

Supplied with counter strike.

Order No.	Finish	l ₁	h ±0.5	w ₁ ±0.5	Ø d ₁	Ø d ₂	l ₂	l ₃	l ₄ ±0.5	l ₅	Weight g
J0422.AC0030	Stainless Steel	193.5	19	43	5.3	4	112	21.5	90	66	190
Order No.	l ₆	l ₇ ±0.5	l ₈	l ₉	l ₁₀	w ₂ ±0.5	l ₁₁ l ₁	w ₃	Load N max.	Tension N max.	
J0422.AC0030	31.5	58.5	25.5	4	55	30	15	27	2000	4000	



J0520



Material

Steel, Fe P02 + P12, UNI5866, zinc plated.
Or stainless steel AISI 304, UNI x5crNi.

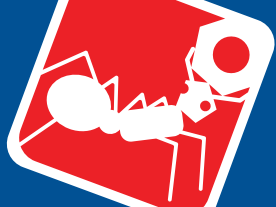
Technical Notes

Supplied with counter strike.
Draw length adjustable through turns of

threaded draw rod, giving 12mm length of adjustment.

Order No.	Finish	l_1	h	w_1	$\varnothing d_1$	$\varnothing d_2$	l_2	l_3	l_4	Weight g
J0520.AC0004	Zinc Plated Steel	138 to 150	18	52	5.2	4.1	67.5	33	35	110
J0520.AC0030	Stainless Steel	138 to 150	18	52	5.2	4.1	67.5	33	35	110

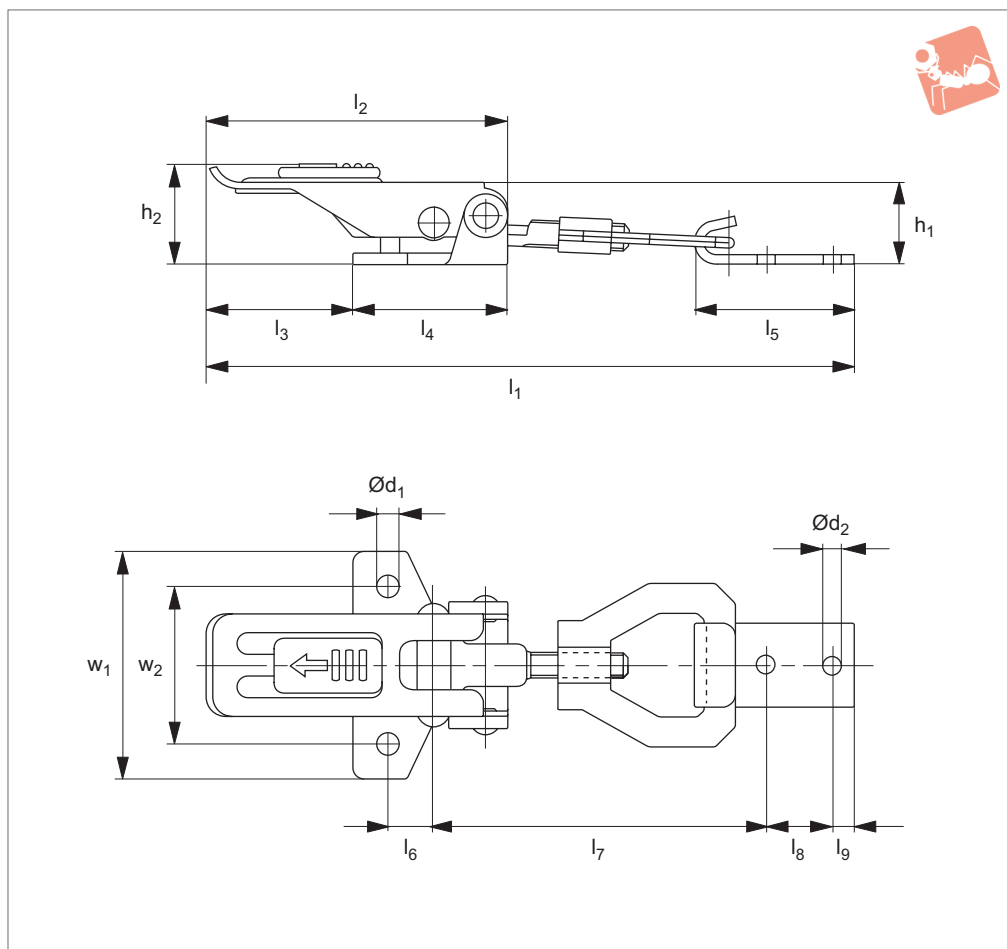
Order No.	l_5	l_6	l_7	l_8	l_9	Load N max.	Tension N max.	w_2	w_3
J0520.AC0004	36	10	68 to 80	15	5	1100	2500	36	19
J0520.AC0030	36	10	68 to 80	15	5	1100	2500	36	19



Toggle Latches

adjustable with secondary lock, **stainless steel**

Catches & Latches



J0540

CATCHES & LATCHES

Material

Steel, Fe P02 + P12, UNI5866, zinc plated.
Or stainless steel AISI 304, UNI x5crNi.

Technical Notes

Supplied with counter strike.
Draw length adjustable through turns of

threaded draw rod, giving 12mm length of adjustment.

Order No.	Finish	l_1	w_1	h_1	$\varnothing d_1$	$\varnothing d_2$	h_2	l_2	l_3	Weight g
J0540.AC0001	Nickel plated steel	138 to 150	52	18	5.2	4.1	22	67.5	33	105
J0540.AC0030	Stainless steel	138 to 150	52	18	5.2	4.1	22	67.5	33	105

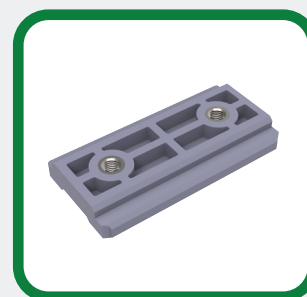
Order No.	l_4	l_5	l_6	l_7	l_8	l_9	w_2	w_3	Load N max.	Tension N max.
J0540.AC0001	35	36	10	68 to 80	15	5	36	19	1100	2500
J0540.AC0030	35	36	10	68 to 80	15	5	36	19	1100	2500



Drawer Slides

- Full extension
- 3/4 extension
- Stainless steel slides
- Linear slides

Drawer slides are specifically designed to allow the smooth and controlled opening and closing of a drawer. At Wixroyd, all of our drawer slides are made from either zinc-plated steel or stainless steel and are designed and crafted so as to get the full potential from each slide. We offer drawer slides with full or 3/4 extensions, positive stop, positive lock, hold-in detent or lever disconnect functionality. There are also options for self-closing or soft-self closing for extra control of movement. With a variety of load rating options available from 30-200kg per pair.

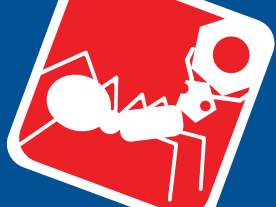


FULL EXTENSION

3/4 EXTENSION

STAINLESS
STEEL SLIDES

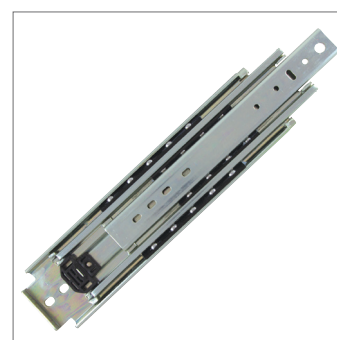
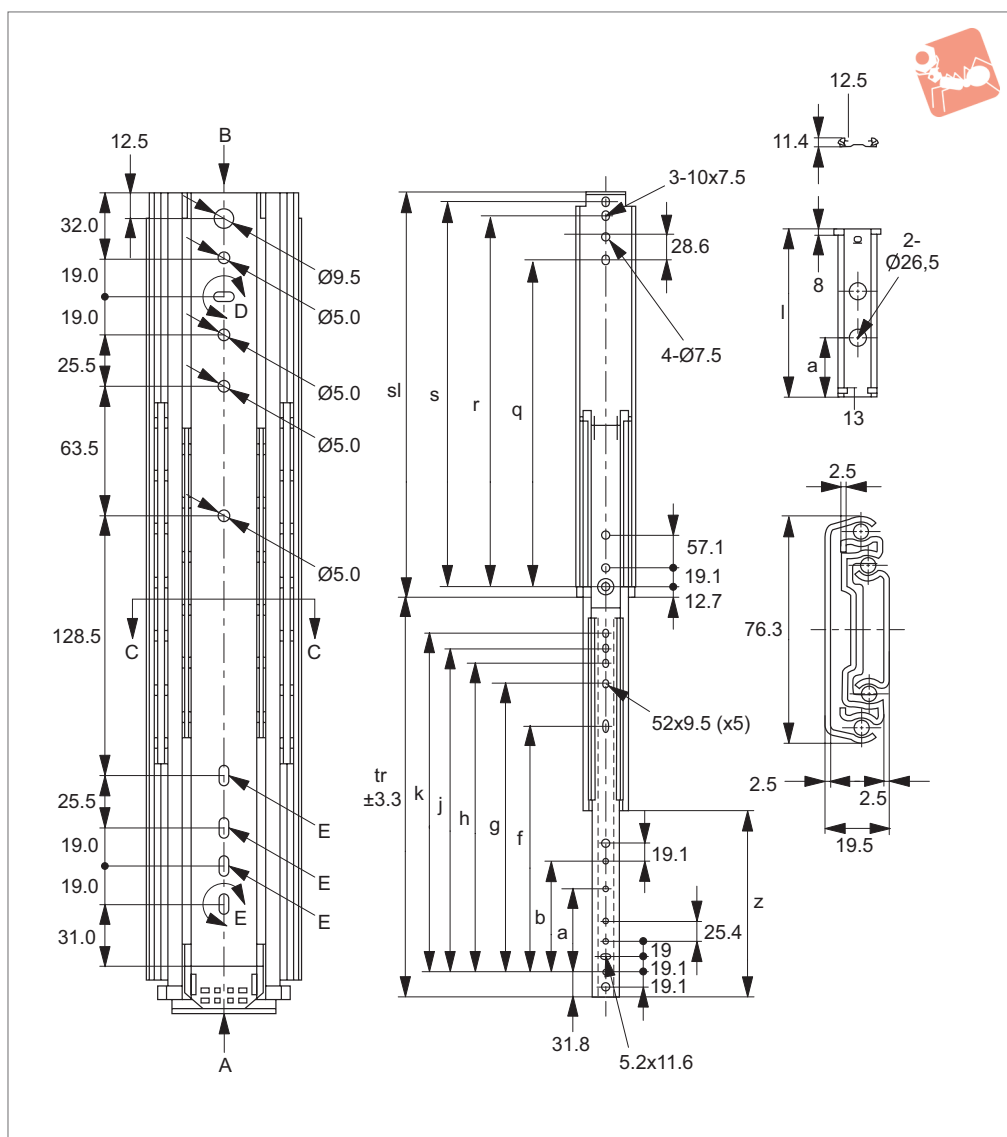
LINEAR
SLIDES



Drawer Slide - Full Extension

200 Kg load per pair

Drawer Slides



P2000

DRAWER SLIDES

Material

Cold rolled steel, zinc plated.

tested to 40,000 usage cycles.

holes. **Sold individually as single slides.**

Technical Notes

Positive stop. These slides have been

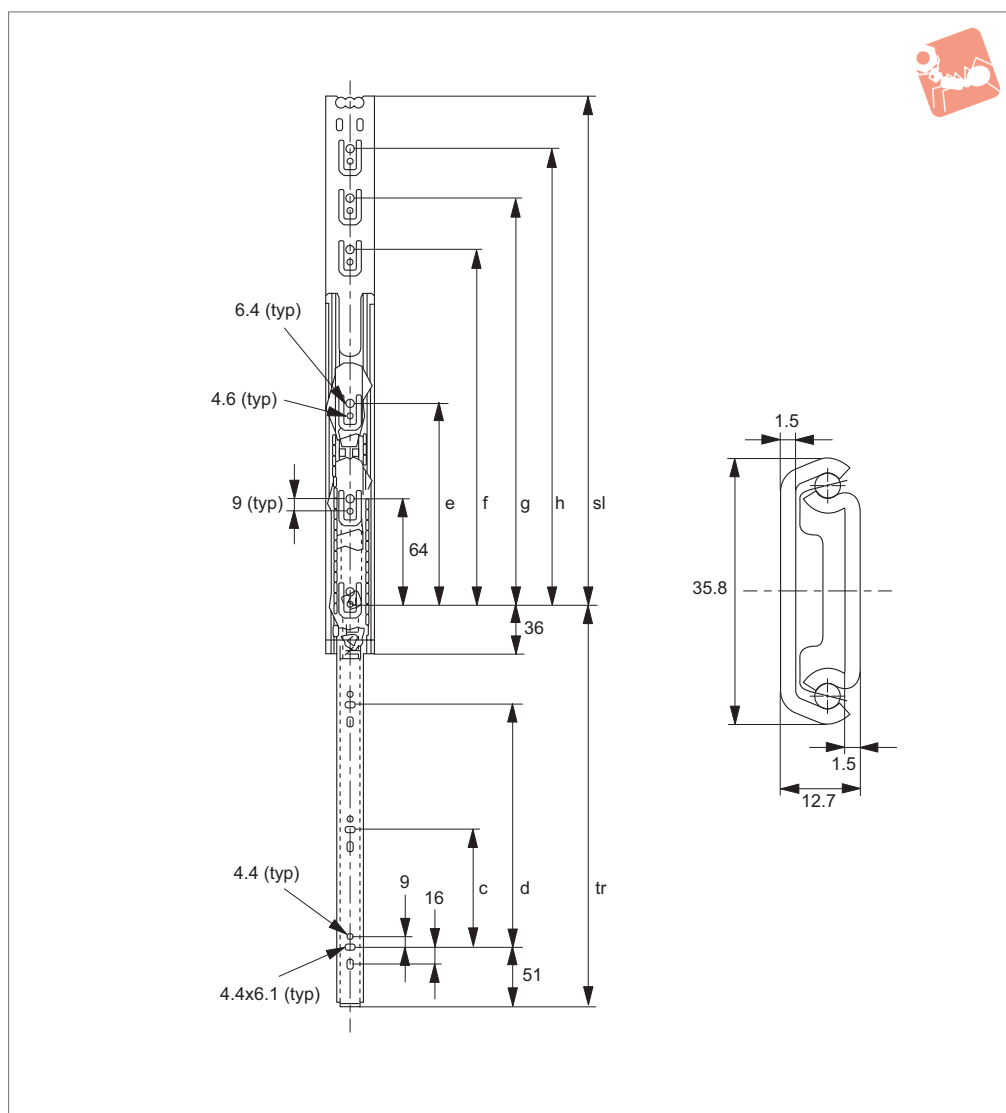
Important Notes

Load capacity is static load per pair, at the centre of the rails using all mounting

Order No.	Slide length sl	Slide travel tr ±3.3	a	b	f	g	h	j	k	q	R	s	Load/pair kg max.	Weight g
P2000.AC0025	254	254	-	-	-	103	128	147	166	152	209	228	200	1275
P2000.AC0030	304	304	-	-	-	153	179	198	217	203	260	279	200	1525
P2000.AC0035	355	355	-	-	-	204	230	249	268	254	311	330	200	1775
P2000.AC0040	406	406	127	-	-	255	280	299	319	304	361	381	200	2025
P2000.AC0047	457	457	127	-	246	306	331	350	369	355	412	431	200	2275
P2000.AC0050	508	508	127	190	296	357	382	401	420	406	463	482	200	2525
P2000.AC0055	558	558	127	190	347	407	433	452	471	457	514	533	200	2775
P2000.AC0060	608	608	127	190	398	458	484	503	522	508	565	584	200	3025
P2000.AC0066	660	660	127	190	449	509	534	553	573	558	615	635	200	3275
P2000.AC0071	711	711	127	190	500	560	585	604	623	609	666	685	200	3525



P6000



Material

Cold rolled steel, zinc plated.

Technical Notes

Hold-in detent when slide closed. Positive stop. Rails can be disconnected via pres-

sing disconnect lever.

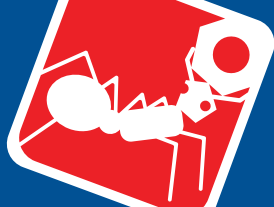
These slides have been tested to 60,000 usage cycles.

Important Notes

Load capacity is static load per pair, at the

centre of the rails using all mounting holes. **Sold individually as single slides.**

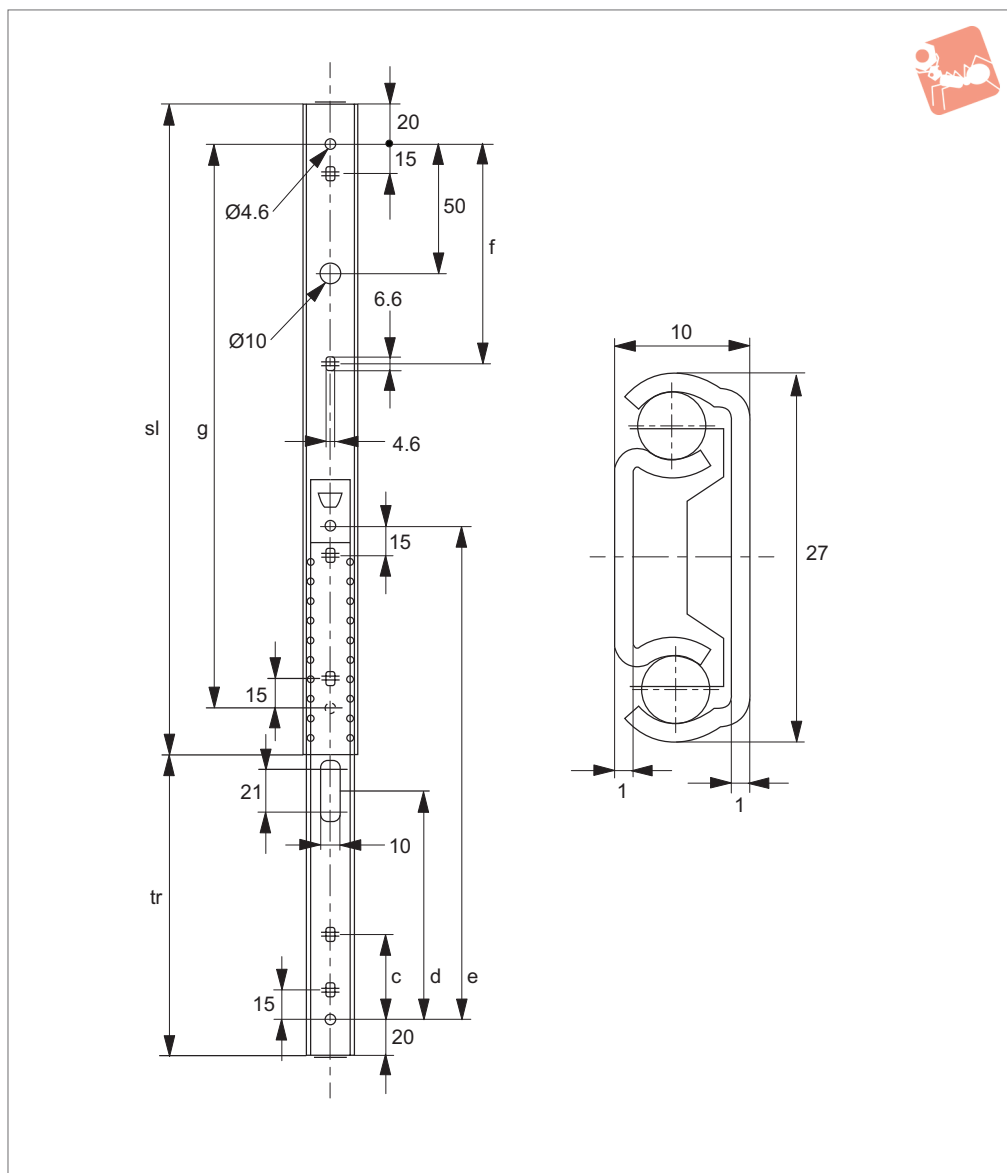
Order No.	Slide length sl	Slide travel tr	c	d	f	g	h	Load/pair kg max.	Weight g
P6000.AC0200	200	105	-	-	-	-	-	30	135
P6000.AC0250	250	165	-	-	-	-	-	30	170
P6000.AC0300	300	200	96	224	-	-	224	30	200
P6000.AC0350	350	255	128	288	-	-	256	30	250
P6000.AC0400	400	295	160	320	-	192	288	30	300
P6000.AC0450	450	330	160	352	-	224	352	30	375
P6000.AC0500	500	375	192	416	224	320	416	30	425
P6000.AC0550	550	415	224	448	224	352	448	30	475
P6000.AC0600	600	460	256	512	224	352	480	30	500
P6000.AC0650	650	520	256	512	352	416	480	30	600
P6000.AC0700	700	590	256	512	352	416	480	30	650



Drawer Slide - 3/4 Extension

15 Kg load per pair - **stainless**

Drawer Slides



P7000

DRAWER SLIDES

Material

Stainless steel, AISI 304. Bright finish.

These slides have been tested to 60,000 usage cycles.

centre of the rails using all mounting holes. **Sold individually as single slides.**

Technical Notes

Positive stop.

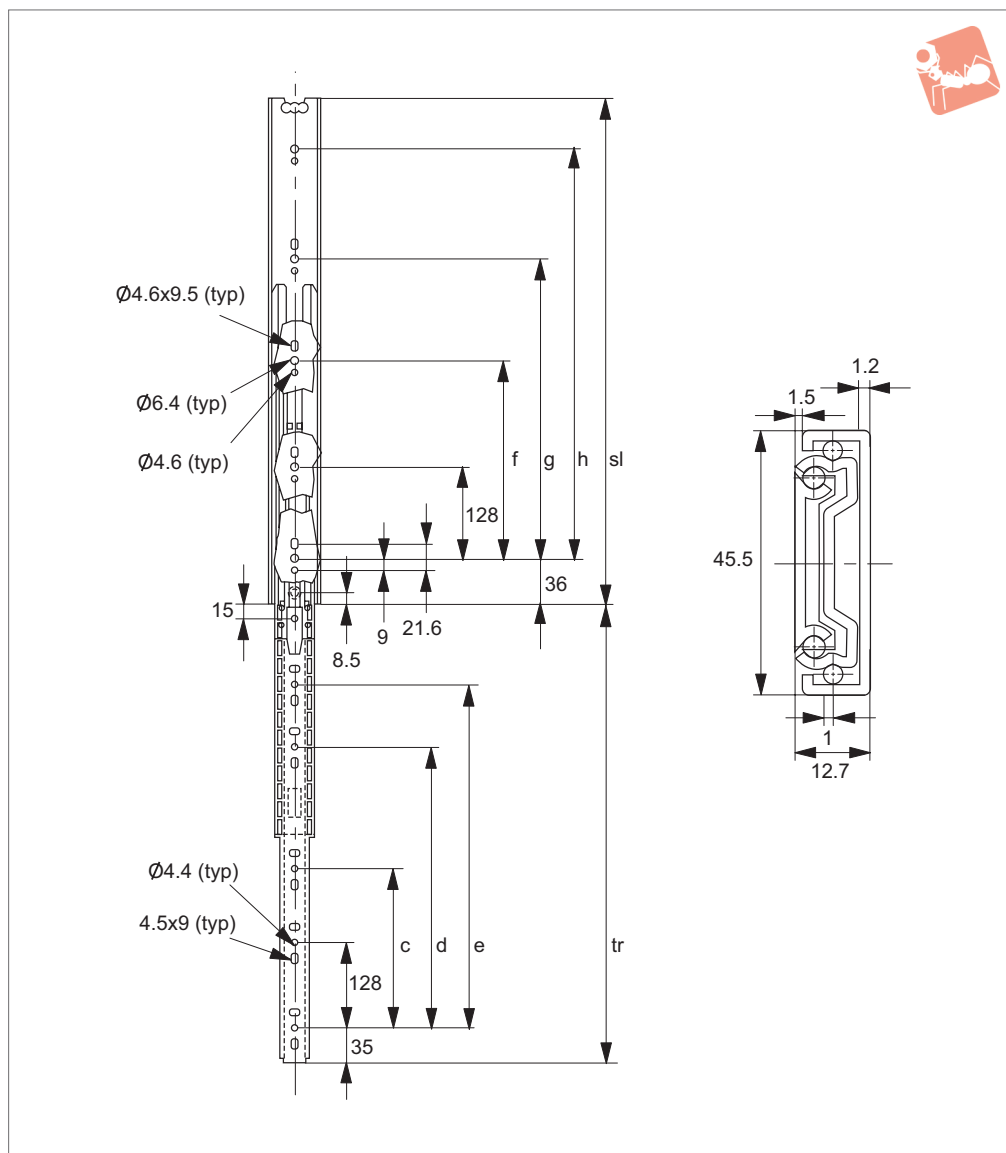
Important Notes

Load capacity is static load per pair, at the

Order No.	Slide length sl	Slide travel tr	c	d	e	f	g	Load/pair kg max.	Weight g
P7000.AC0200	200	160	-	-	-	-	-	15	150
P7000.AC0250	250	150	100	160	210	110	210	15	175
P7000.AC0300	300	200	100	210	260	160	260	15	200
P7000.AC0350	350	250	100	260	310	210	310	15	245
P7000.AC0400	400	275	180	286	360	180	360	15	255
P7000.AC0450	450	305	180	318	410	230	410	15	300
P7000.AC0500	500	355	180	365	460	280	460	15	345
P7000.AC0550	550	400	180	224	510	280	510	15	400
P7000.AC0600	600	440	180	224	560	280	560	15	450



P7200



Material

Stainless steel AISI 304. Bright finish.

Technical Notes

Hold-in detent when slide closed. Positive stop. Rails can be disconnected via pres-

sing disconnect lever.

These slides have been tested to 60,000 usage cycles.

Important Notes

Load capacity is static load per pair, at the

centre of the rails using all mounting

holes. **Sold individually as single slides.**

Order No.	Slide length sl	Slide travel tr	c	d	e	f	g	h	Load/pair kg max.	Weight g
P7200.AC0300	300	312	128	-	-	-	-	-	45	500
P7200.AC0350	350	362	128	-	-	-	-	-	45	590
P7200.AC0400	400	412	128	224	-	-	-	-	45	670
P7200.AC0450	450	462	128	224	-	-	-	-	45	775
P7200.AC0500	500	512	128	224	320	-	320	-	45	830
P7200.AC0550	550	562	128	224	352	-	352	-	45	910
P7200.AC0600	600	612	128	224	352	416	352	-	45	990
P7200.AC0700	700	705	320	514	630	255	450	630	45	1100

Weight capacity

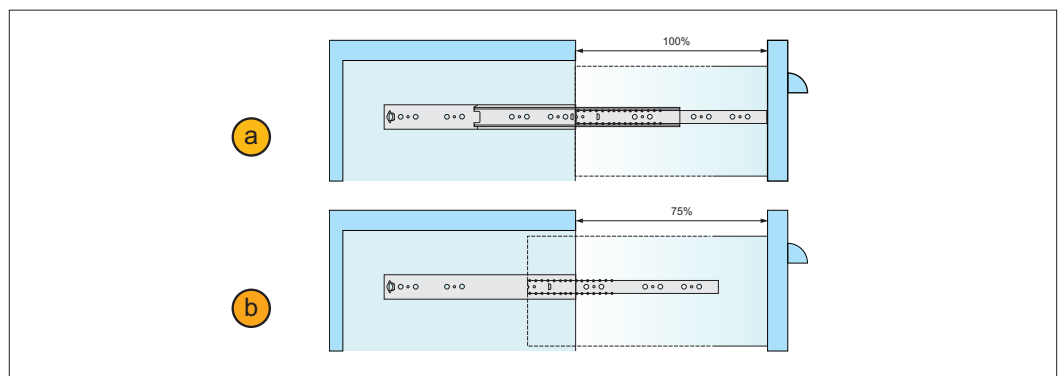
Weight capacity/pair Kg - is the static load per pair of drawer slides, measured at the centre of a pair of slides, side mounted, spaced 450mm apart, and is based on use of all fixing points on the slide.

Important Note: Flat mounting of drawer slides, as opposed to the standard side mounting of slides, is not recommended as it results in a greatly reduced load capacity equal to only 25% of the stated weight capacity.

Drawer slide terms

Slide length (sl) The longest dimension of a fully closed slide, this should not exceed the depth of cabinet in which slide is installed.

Slide travel (tr) Distance a drawer slide moves from fully closed position.
(slide length + slide travel = fully extended slide length).



Full extension This type of drawer slide can be extended 100% of slide length, this is standard for most 3 piece drawer slides. **a**

3/4 extension This type of drawer slide extends to approx. 75% of the slide length, this is standard for most 2 piece drawer slides. **b**

Positive stop Drawer stops at extended/open position but does not lock or detent.

Positive lock Drawer is firmly held in extended/open position by means of a mechanical catch. Drawer is released by depressing a lever and pushing drawer inward. From the extended/open position the same slide may be disconnected by depressing the lever and pulling the drawer out.

Hold-in detent Drawer is firmly held in closed position, and released by pulling drawer open (also known as positive catch).

Lever disconnect From the extended/open position the slide may be disconnected by depressing lever and pulling drawer out.

Self-closing Toward end of drawer slide closing stroke, slide is drawn into the fully closed position.

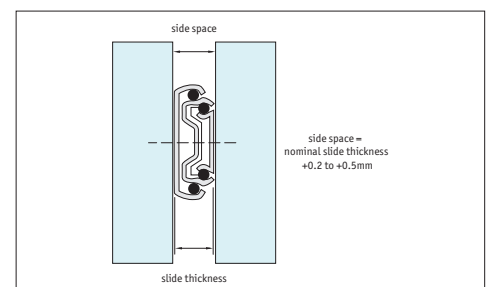
Soft self-closing Toward end of drawer slide closing stroke, slide movement is slowed and then drawn into fully closed position.

Side mounting tolerances

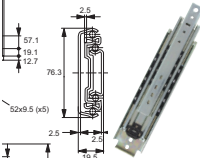
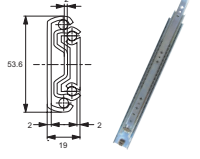
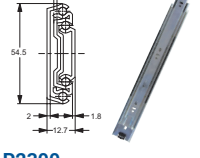
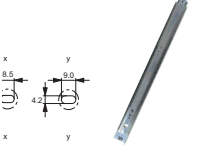
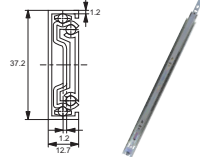
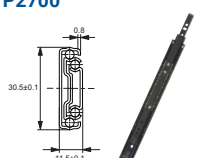
When mounting we recommend a side space equal to the slide thickness with an additional 0,2 to 0,5 mm for optimal positioning.

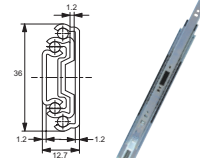
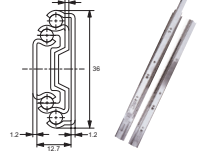
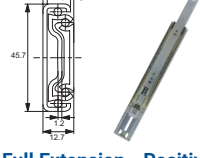
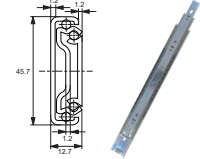
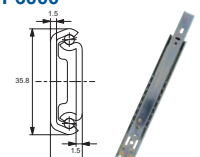
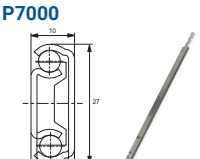
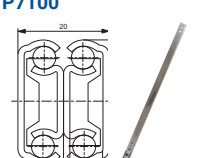
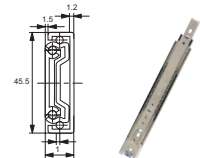
Mounting with less than 0,2 mm side tolerance can result in poor running of the drawer slide and jamming of the slide - the same is true if tolerances over 0,5mm are used.

Ensure cabinet/enclosure faces are square and parallel prior to mounting of the drawer slides.



Drawer Slides Product Selection Charts

	Weight Cap/Pair Kg	Slide Length mm	Full Extension	3/4 Extension	Material Steel, Zinc Plate Stainless Steel	Hold-in Detent	Lever Disconnect	Positive Stop	Self Closing	Soft Self Closing	Positive Lock
Full Extension - Drawer Slides											
P2000 	200	254-711	3	3				3			
P2100 	80	300-700	3	3		3		3			
P2200 	60	304-711	3	3		3	3	3			
P2300 	45	250-700	3	3		3	3	3			
P2500 	30	250-550	3	3		3	3	3			
P2600 	60	300-500	3	3				3			
P2700 	20	200-450	3	3		3	3	3			

	Weight Cap/Pair Kg	Slide Length mm	Full Extension	3/4 Extension	Material Steel, Zinc Plate Stainless Steel	Hold-in Detent	Lever Disconnect	Positive Stop	Self Closing	Soft Self Closing	Positive Lock
Full Extension - Lever Disconnect Drawer Slides											
P4050 	30	250-600	3	3		3	3	3	3		
P4080 	30	350-700	3	3			3	3		3	
P4100 	45	300-700	3	3		3	3	3	3		
Full Extension - Positive Stop Drawer Slides											
P5100 	45	250-700	3	3		3	3	3			3
3/4 Extension Drawer Slides											
P6000 	30	250-700		3	3		3	3	3		
Stainless Steel Drawer Slides											
P7000 	15	200-600		3	3			3			
P7100 	30	200-550	3		3			3			
P7200 	45	300-700	3		3			3			



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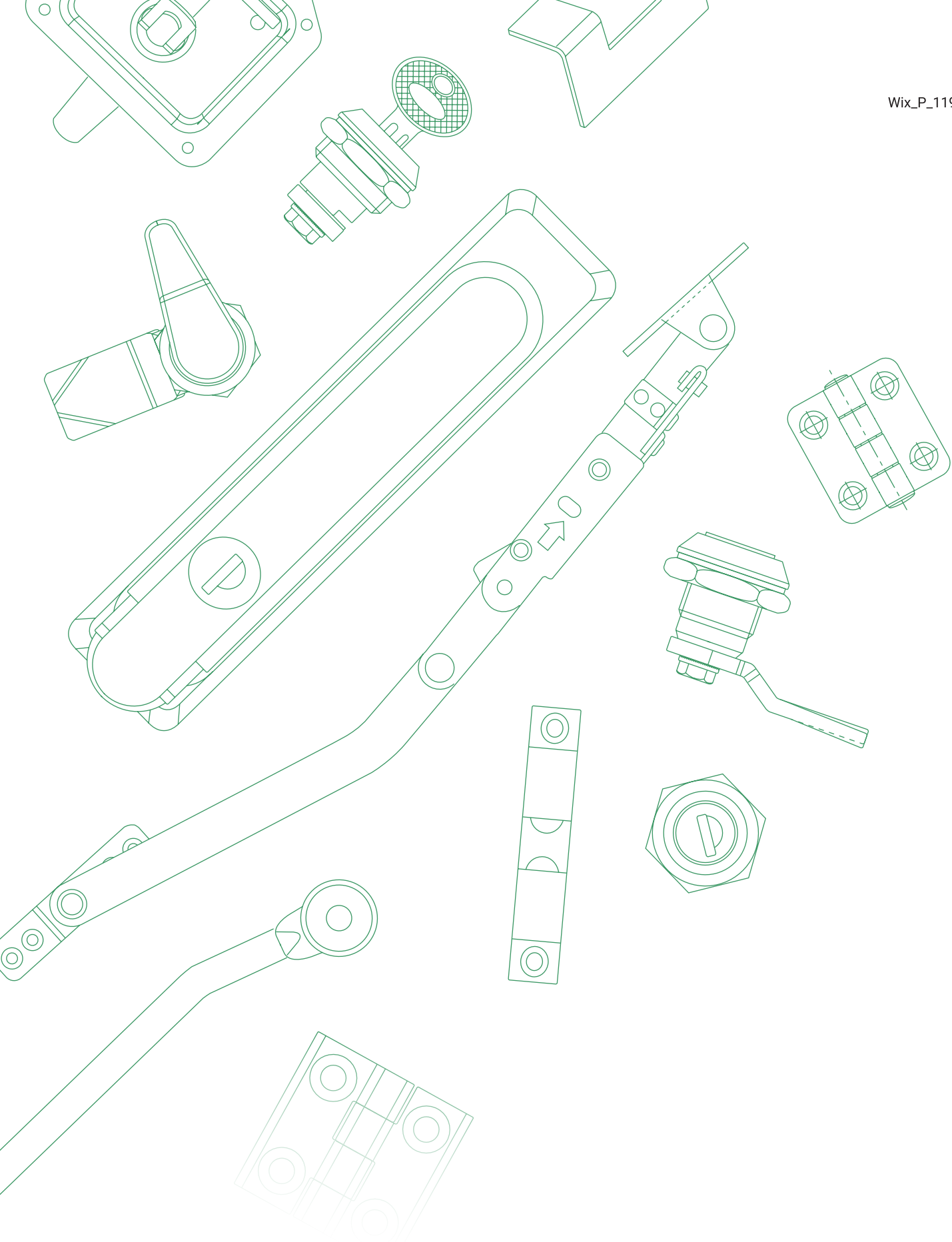
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