

2022/23 PRODUCT CATALOGUE

SEALING & HARDWARE
SOLUTIONS ALL IN ONE

DISTRIBUTED IN NEW ZEALAND BY:

Miles Nelson[®]
Architectural Hardware est. 1928



SCHLEGEL GIESSE
TYMAN group

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WINDOW SASH BALANCES:

ALUMINIUM, PVC AND TIMBER WINDOWS

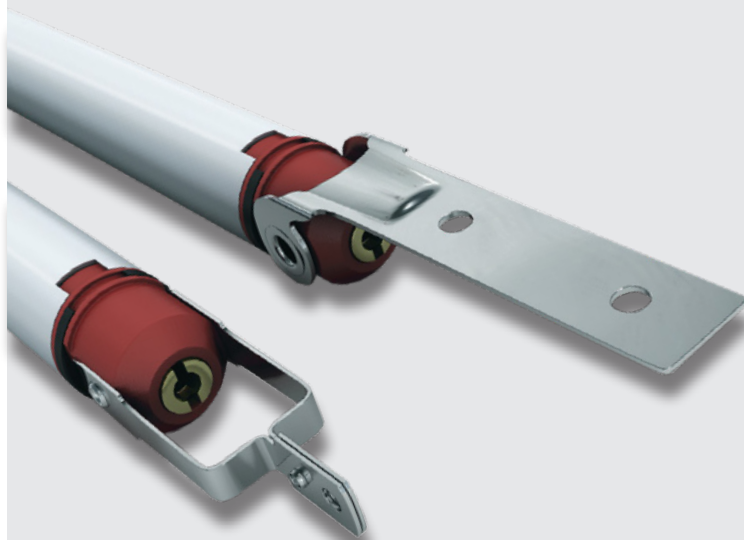
SchlegelGiesse offer four high quality balance systems to cover a wide variety of single and double hung applications. They come in a range of tube or carrier sizes to suit different sash heights and weights. Sash weights range between 1.8 kg and 36.32 kg.

- BSI balances are a block and tackle system
- BUK balances are a hybrid spring and spiral system with a 17 mm tube diameter
- Superboost balances are a hybrid spring and spiral system with a narrow 13 mm tube
- Constant Force is a coil spring balance system



Year
Guarantee

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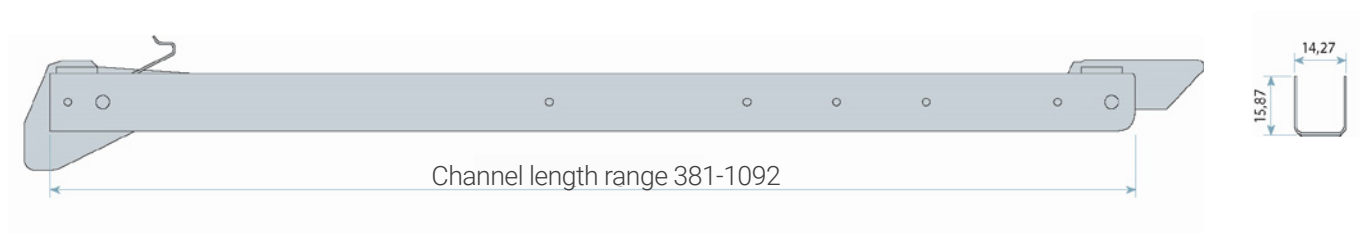
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BSI SASH BALANCES:

SIDE LOAD SPRING BALANCE



The AmesburyTruth side load balance offers an extended range of sash travel. BSI 100 Series balances are concealed once installed and both the sash and balance can be easily taken out, when cleaning or painting.

- Full travel up to 20.4 kg sash weight for A24 and above
- Enclosed pulleys and springs are concealed from view
- Standard channel lengths range from 381-1092 mm
- Ease of installation and use
- AAMA 902 certified
- Winged guides as standard



Code	Accessories
102FM	Sash Cam
121	Take Out Clip
121B	Take Out Clip Black
P9736	Mount Plate



Sash Cam



Mount Plate



Take out Clip

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BSI CODES:

Channel length (mm) 381	
Sash height (mm) 414-465	
Code	Weight (kg)
A1410	1.80-2.72
A1420	2.72-4.50
A1430	4.50-5.44
A1440	5.44-5.90
A1490	5.90-9.00
A14DS.26	9.00-11.80

Channel length (mm) 432	
Sash height (mm) 465-516	
Code	Weight (kg)
A1610	2.26-3.60
A1620	3.60-5.44
A1630	5.44-6.30
A1640	6.30-8.60
A1690	8.60-11.33
A16DS.30	11.33-13.60
A16DS.35	13.60-15.88

Channel length (mm) 483	
Sash height (mm) 516-566	
Code	Weight (kg)
A1810	2.26-3.60
A1820	3.60-5.44
A1830	5.44-6.30
A1840	6.30-7.70
A1890	7.70-11.33
A18DS.30	11.33-13.60
A18DS.35	13.60-15.88

Channel length (mm) 533	
Sash height (mm) 566-617	
Code	Weight (kg)
A2010	2.26-3.60
A2020	3.60-5.44
A2030	5.44-6.80
A2040	6.80-10.40
A2090	10.40-13.60
A20DS.35	13.60-15.88
A20DS.40	15.88-18.14

Channel length (mm) 584	
Sash height (mm) 617-668	
Code	Weight (kg)
A2210	2.26-3.60
A2220	3.60-5.44
A2230	5.44-8.60
A2240	8.60-10.40
A2290	10.40-13.60
A22DS.35	13.60-15.88
A22DS.40	15.88-18.14

Channel length (mm) 635	
Sash height (mm) 668-719	
Code	Weight (kg)
A2410	2.26-4.00
A2420	4.00-6.80
A2430	6.80-8.60
A2440	8.60-10.90
A2490	10.90-13.60
A24DS.35	13.60-15.88
A24DS.40	15.88-18.14
A24DS.45	18.14-20.40

Channel length (mm) 686	
Sash height (mm) 719-770	
Code	Weight (kg)
A2610	2.26-4.00
A2620	4.00-5.90
A2630	5.90-8.60
A2640	8.60-11.80
A2690	11.80-13.60
A26DS.35	13.60-15.88
A26DS.40	15.88-18.14
A26DS.45	18.14-20.40

Channel length (mm) 737	
Sash height (mm) 770-820	
Code	Weight (kg)
A2810	3.17-5.44
A2820	5.44-7.25
A2830	7.25-10.40
A2840	10.40-12.70
A2850	12.70-14.50
A2890	14.50-15.90
A28DS.40	15.90-18.14
A28DS.45	18.14-20.40

Channel length (mm) 787	
Sash height (mm) 820-871	
Code	Weight (kg)
A3010	3.17-5.44
A3020	5.44-7.25
A3030	7.25-10.40
A3040	10.40-12.70
A3050	12.70-14.50
A3090	14.50-15.90
A30DS.40	15.90-18.14
A30DS.45	18.14-20.40

Channel length (mm) 838	
Sash height (mm) 871-922	
Code	Weight (kg)
A3210	3.60-5.90
A3220	5.90-8.16
A3230	8.16-10.40
A3240	10.40-12.70
A3250	12.70-14.50
A3290	14.50-15.90
A32DS.40	15.90-18.14
A32DS.45	18.14-20.40

Channel length (mm) 889	
Sash height (mm) 922-973	
Code	Weight (kg)
A3410	3.60-5.90
A3420	5.90-8.16
A3430	8.16-10.40
A3440	10.40-13.60
A3450	13.60-15.40
A3490	15.40-15.90
A34DS.40	15.90-18.14
A34DS.45	18.14-20.40

Channel length (mm) 940	
Sash height (mm) 973-1023	
Code	Weight (kg)
A3610	3.60-5.90
A3620	5.90-8.16
A3630	8.16-10.40
A3640	10.40-13.60
A3650	13.60-15.90
A36DS.40	15.90-18.14
A36DS.45	18.14-20.40

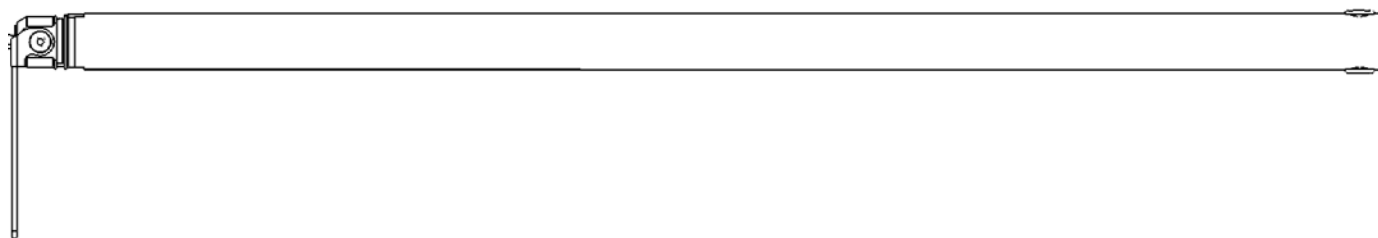
Channel length (mm) 990	
Sash height (mm) 1023-1074	
Code	Weight (kg)
A3810	4.08-6.30
A3820	6.30-8.60
A3830	8.60-10.90
A3840	10.90-13.60
A3850	13.60-15.90
A38DS.40	15.90-18.14
A38DS.45	18.14-20.40

Channel length (mm) 1041	
Sash height (mm) 1074-1125	
Code	Weight (kg)
A4010	4.08-6.30
A4020	6.30-8.60
A4030	8.60-10.40
A4040	10.40-13.60
A4050	13.60-15.90
A40DS.40	15.90-18.14
A40DS.45	18.14-20.40

Channel length (mm) 1092	
Sash height (mm) 1125-1179	
Code	Weight (kg)
A4220	6.30-8.60
A4230	8.60-10.90
A4240	10.90-13.60
A4250	13.60-15.90
A42DS.40	15.90-18.14
A42DS.45	18.14-20.40

BUK SASH BALANCES:

ALUMINIUM, PVC AND TIMBER WINDOWS



SchlegelGiesse manufacture a highly functional self-contained hybrid spring and spiral balancing device capable of maintaining the equilibrium of a single or double hung window sash at any point in the travel run.

- Suitable for timber, PVC and aluminium windows
- Suitable for residential or commercial applications
- Weight range from 3.6 kg to 27.2 kg
- Suitable for new or refurbished windows
- Standard lengths from 305 mm - 1829 mm
- Available in black or white tubes with 17 mm diameter
- Travel length = (2 x tube length) - 51 mm [2"]
- Fixing screws included

Code	Accessories
4000144	F Type Horn Channel
FKINSTOOL	F Type Adjusting Tool



Horn Channel



Adjusting Tool



When selecting balances, it is important that the balances are suitable for the weight of the sash. BUK spring assisted spiral balances are pre-tensioned to the specified weight ranges, and can only be adjusted to increase tension.

The relevant weight is labeled on the tube. Check that the finished sash weight is within 0.5 kg.



Colour	Grey	Claret	Yellow	Black	Natural	Orange	Green	Blue
Lb	8-15	16-23	24-31	32-38	39-45	46-50	51-55	56-60
Kg	3.63 - 7.25	7.26 - 10.88	10.89 - 14.50	14.51 - 17.68	17.69 - 20.86	20.87 - 23.12	23.13 - 25.39	25.40 - 27.22

Higher weight ranges are available on request. Contact SchlegelGiesse for balance calculations and instructions.

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BUK CODES:

Code Breakdown (E.g. F012016-23W)

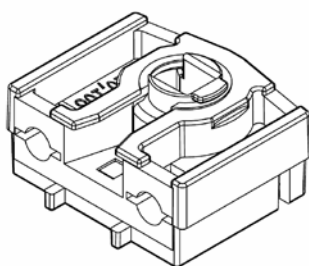
Code:		Length:		Weight:		Colour:	
F0		12		16-23		W	
Denotes type of balance (F0 or F1)		Tube length in inches (i.e. 12 inches)		Weight of sash in lbs (i.e. 16-23 lbs)		W = White B = Black	
F012008-15	F020008-15	F028008-15	F036008-15	F044008-15	F052008-15	F060008-15	F068008-15
F012016-23	F020016-23	F028016-23	F036016-23	F044016-23	F052016-23	F060016-23	F068016-23
F012024-31	F020024-31	F028024-31	F036024-31	F044024-31	F052024-31	F060024-31	F068024-31
F012032-38	F020032-38	F028032-38	F036032-38	F044032-38	F052032-38	F060032-38	F068032-38
F012039-45	F020039-45	F028039-45	F036039-45	F044039-45	F052039-45	F060039-45	F068039-45
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F112051-55	F120051-55	F128051-55	F136051-55	F144051-55	F152051-55	F160051-55	F168051-55
F112056-60	F120256-60	F128056-60	F136056-60	F144056-60	F152056-60	F160056-60	F168056-60
F013008-15	F021008-15	F029008-15	F037008-15	F045008-15	F053008-15	F061008-15	F069008-15
F013016-23	F021016-23	F029016-23	F037016-23	F045016-23	F053016-23	F061016-23	F069016-23
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F013039-45	F021039-45	F029039-45	F037039-45	F045039-45	F053039-45	F061039-45	F069039-45
F113046-50	F121046-50	F129046-50	F137046-50	F145046-50	F153046-50	F161046-50	F169046-50
F113051-55	F121051-55	F129051-55	F137051-55	F145051-55	F153051-55	F161051-55	F169051-55
F113056-60	F121056-60	F129056-60	F137056-60	F145056-60	F153056-60	F161056-60	F169056-60
F014008-15	F022008-15	F030008-15	F038008-15	F046008-15	F054008-15	F062008-15	F070008-15
F014016-23	F022016-23	F030016-23	F038016-23	F046016-23	F054016-23	F062016-23	F070016-23
F014024-31	F022024-31	F030024-31	F038024-31	F046024-31	F054024-31	F062024-31	F070024-31
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F015032-38	F023032-38	F031032-38	F039032-38	F047032-38	F055032-38	F063032-38	F071032-38
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F115051-55	F123051-55	F131051-55	F139051-55	F147051-55	F155051-55	F163051-55	F171051-55
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CONSTANT FORCE BALANCE SYSTEM: SINGLE AND DOUBLE HUNG WINDOWS

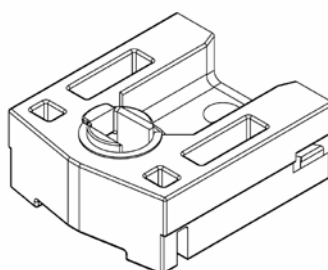
AmesburyTruth's Constant Force balance system with stainless steel coil springs and natural coloured housings offer a range of single, double, triple and quad combinations for single and double hung windows.

- Universal 32.8 mm pocket width coil spring system
- Patented inter-locking 12.7 mm spring
- Holds from 3.17 - 36.3 kg
- Patented spring and carrier system
- Easy location in window jamb
- Smooth reliable operation
- Never needs adjusting
- Interlocking pivot bar

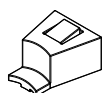
Code	Description
501040	Brake Shoe
501052	Side Locking Shoe
501061	Pivot Clip (Pivot Retainer Supalock)
501062	Pivot Bar 275
23200	Side Mount Pivot



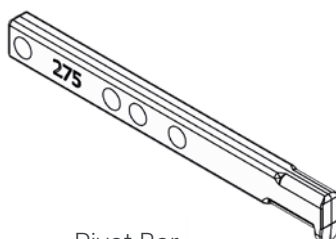
Brake Shoe



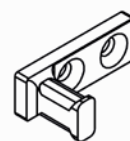
Side Locking Shoe



Pivot Clip



Pivot Bar



Side Mount Pivot

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COIL COMBINATIONS:

Code Breakdown (E.g. 10/9/9/9 for 33 kg sash weight)

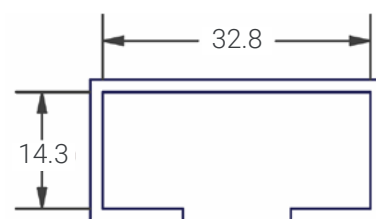
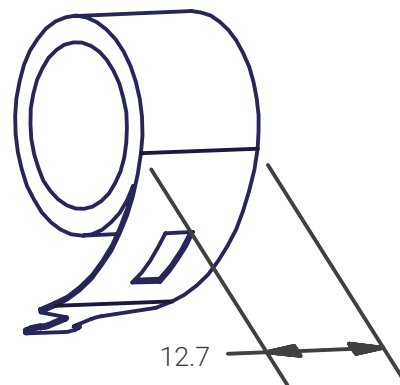
Coil combination	Carrier required
8010010 + 801009 + 801009 + 801009	801040 (Quad)

*Coil combination and carrier required on both sides of sash

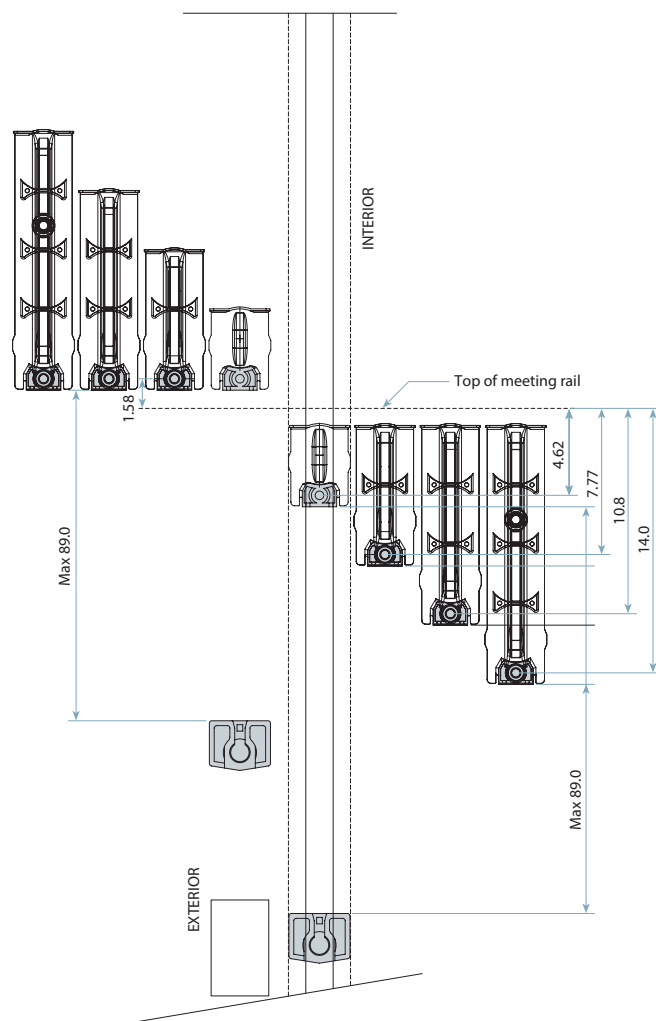
*Connect strongest coil of combination to brake shoe (i.e. 8010010)

Coil code	Coil rating (lb)	Sash weight (kg)	Carrier	Carrier code
801003	3.5	0.5 - 3.0	Single	801010
801004	4.5	3.0 - 4.0	Single	801010
801005	5.5	4.0 - 5.0	Single	801010
801006	6.5	5.0 - 5.9	Single	801010
801007FT	7.5	5.9 - 6.8	Single	801010
801009	9	6.8 - 8.2	Single	801010
8010010	10	8.2 - 9.0	Single	801010

Coil combination (lb)	Sash weight (kg)	Carrier	Carrier code
5.5/5.5	9.0 - 10.0	Double	801020
6.5/5.5	10.0 - 10.8	Double	801020
6.5/6.5	10.8 - 11.8	Double	801020
7.5/6.5	11.8 - 12.7	Double	801020
7.5/7.5	12.7 - 13.6	Double	801020
9/7.5	13.6 - 14.9	Double	801020
9/9	14.9 - 16.0	Double	801020
10/9	16.0 - 17.2	Double	801020
10/10	17.2 - 18.0	Double	801020
7.5/7.5/6.5	18.0 - 19.5	Triple	801030
7.5/7.5/7.5	19.5 - 20.4	Triple	801030
9/7.5/7.5	20.4 - 21.7	Triple	801030
9/9/7.5	21.7 - 23.0	Triple	801030
9/9/9	23.0 - 24.5	Triple	801030
10/9/9	24.5 - 25.4	Triple	801030
10/10/9	25.4 - 26.3	Triple	801030
10/10/10	26.3 - 27.2	Triple	801030
9/7.5/7.5/7.5	27.2 - 28.5	Quad	801040
9/9/7.5/7.5	28.5 - 30.0	Quad	801040
9/9/9/7.5	30.0 - 31.3	Quad	801040
9/9/9/9	31.3 - 32.6	Quad	801040
10/9/9/9	32.6 - 33.5	Quad	801040
10/10/9/9	33.5 - 34.5	Quad	801040
10/10/10/9	34.5 - 35.4	Quad	801040
10/10/10/10	35.4 - 36.3	Quad	801040



Nominal Pocket Size



SCHLEGEL HARDWARE:

Schlegel offer a wide range of window stays to support awning and casement windows as well as restrictors, chainwinders and window handles to compliment the stays.



TWO BAR FRICTION STAYS	16
FOUR BAR FRICTION STAYS	18
ALUMINIUM FRICTION STAYS	22
RESTRICTOR STAYS	27
ASCOT HANDLES	28



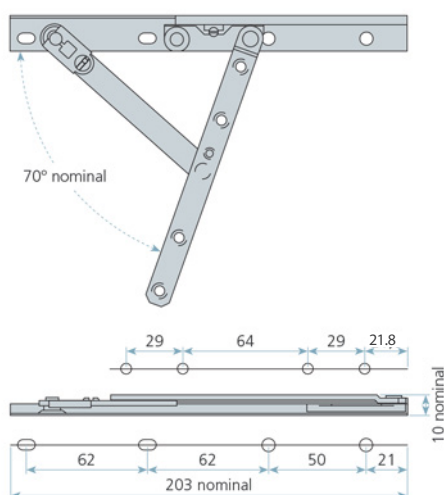
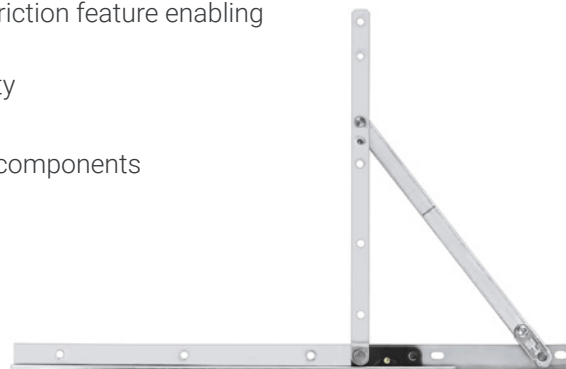


TWO BAR FRICTION STAYS:

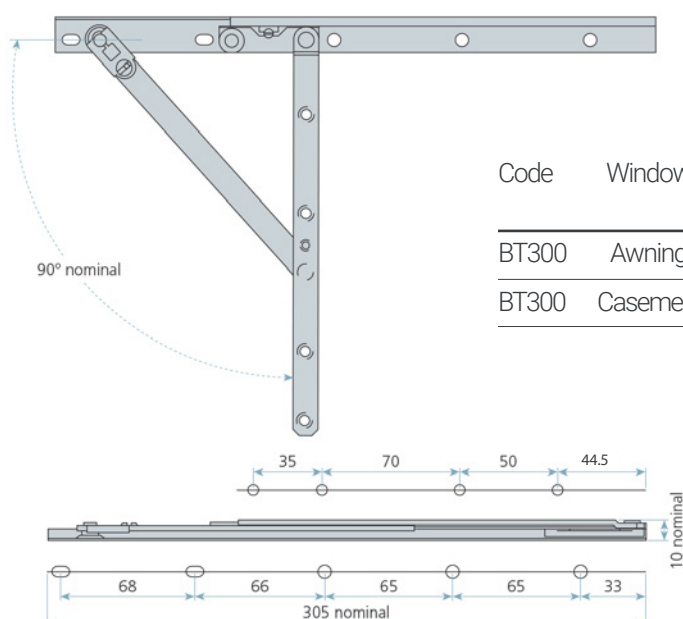
AWNING AND CASEMENT WINDOWS

A unique range of narrow style friction stays designed to provide support for standard sashes.

- Suitable for aluminium or timber awning and casement windows
- Available in four sizes for sash weights of up to 12 kg
- Adjustable composite slide block that provides friction and non-friction feature enabling stays to be used with or without operators
- Incorporates clip release feature - improving window serviceability
- Designed to suit narrow style joinery profiles
- Manufactured from 304 grade stainless steel and custom nylon components
- Sold in pairs



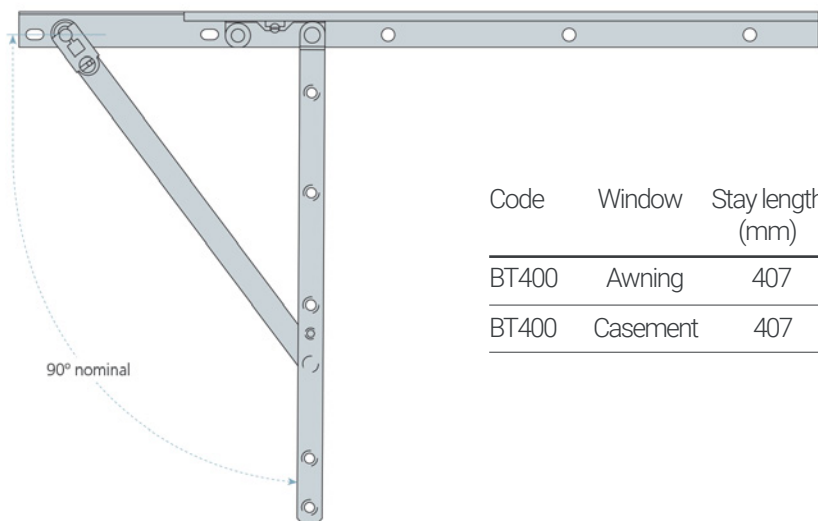
Code	Window	Stay length (mm)	Max sash weight (kg)	Max sash height (mm)	Max sash width (mm)	Opening angle (°)
BT200	Awning	203	6	530	900	70
BT200	Casement	203	10	1350	635	70



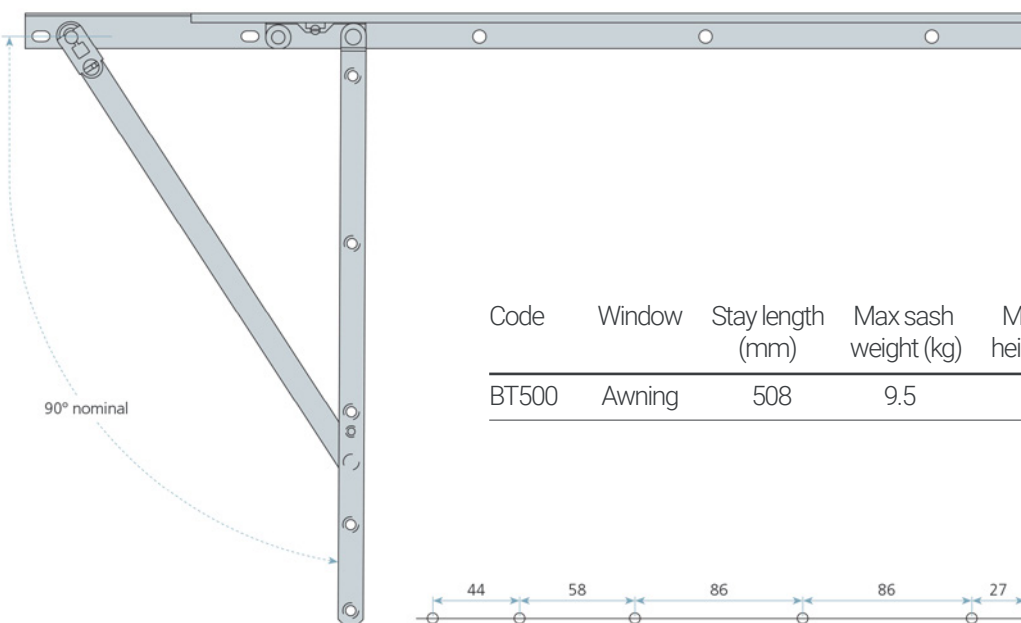
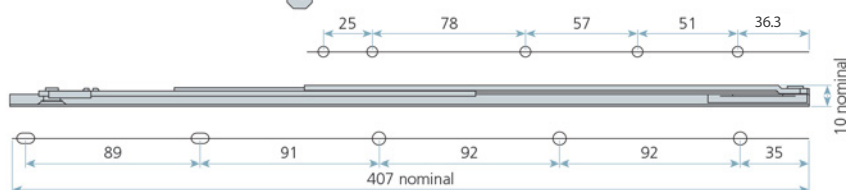
Code	Window	Stay length (mm)	Max sash weight (kg)	Max sash height (mm)	Max sash width (mm)	Opening angle (°)
BT300	Awning	305	7	700	800	90
BT300	Casement	305	12	1350	700	90

DISTRIBUTED IN NEW ZEALAND BY:

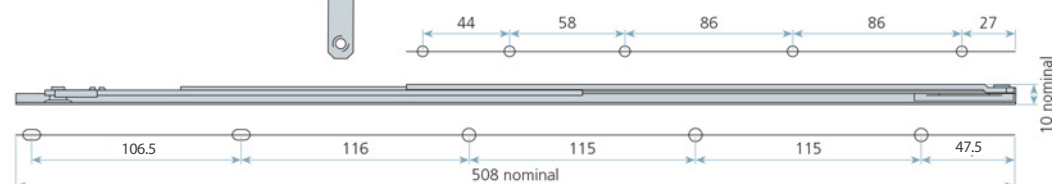
Miles Nelson
Architectural Hardware est. 1928



Code	Window	Stay length (mm)	Max sash weight (kg)	Max sash height (mm)	Max sash width (mm)	Opening angle (°)
BT400	Awning	407	9.5	990	900	90
BT400	Casement	407	12	1350	840	90



Code	Window	Stay length (mm)	Max sash weight (kg)	Max sash height (mm)	Max sash width (mm)	Opening angle (°)
BT500	Awning	508	9.5	990	900	90



FOUR BAR FRICTION STAYS: HIGH PERFORMANCE SS STAYS

Schlegel offer a comprehensive range of smooth operating, adjustable, high performance friction stays for aluminium, PVC, and timber windows.

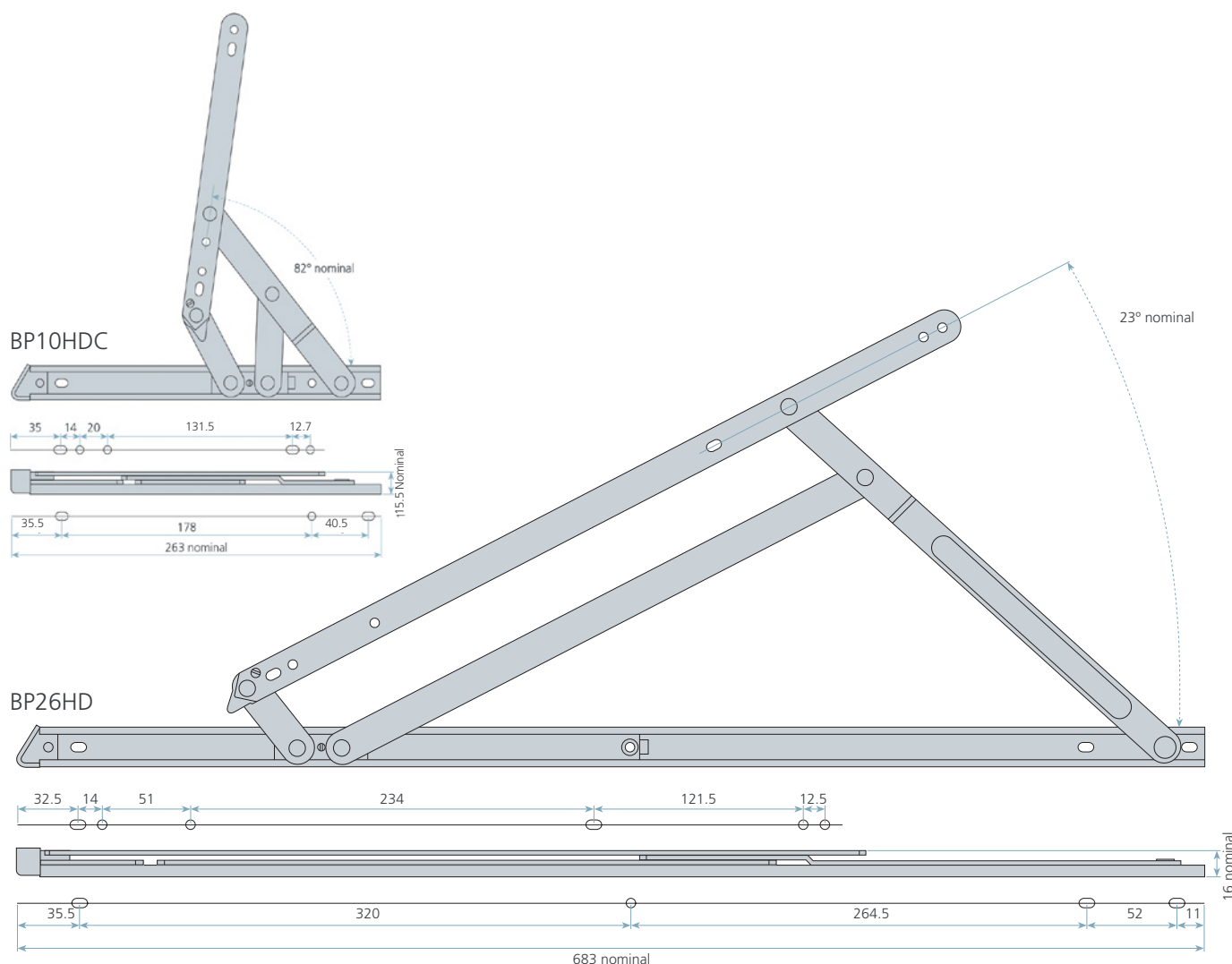
- Schlegel friction hinges are designed for ease of installation, with slotted fixing holes for adjustment
- Manufactured from a combination of high quality 304 grade stainless steel and nylon components
- Adjustable friction mechanism
- Suitable for casement (side hung) or awning (top hung) windows
- Available in 8" – 28" variants (203 mm - 724 mm)
- Sash weights - from 12-130 kg for awning and 24-42 kg for casement
- 13 mm to 16 mm stack height variants suitable for all popular profiles
- Designed for standard window cavities of 12-18 mm
- Innovative end cap design ensures optimum weather sealing in closed position
- Can be screwed or riveted to the frame and sash
- Standard and heavy duty options
- Schlegel friction stays supplied as a pair



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Architectural Hardware est. 1928

HEAVY DUTY FOUR BAR STAYS: AWNING AND CASEMENT WINDOWS



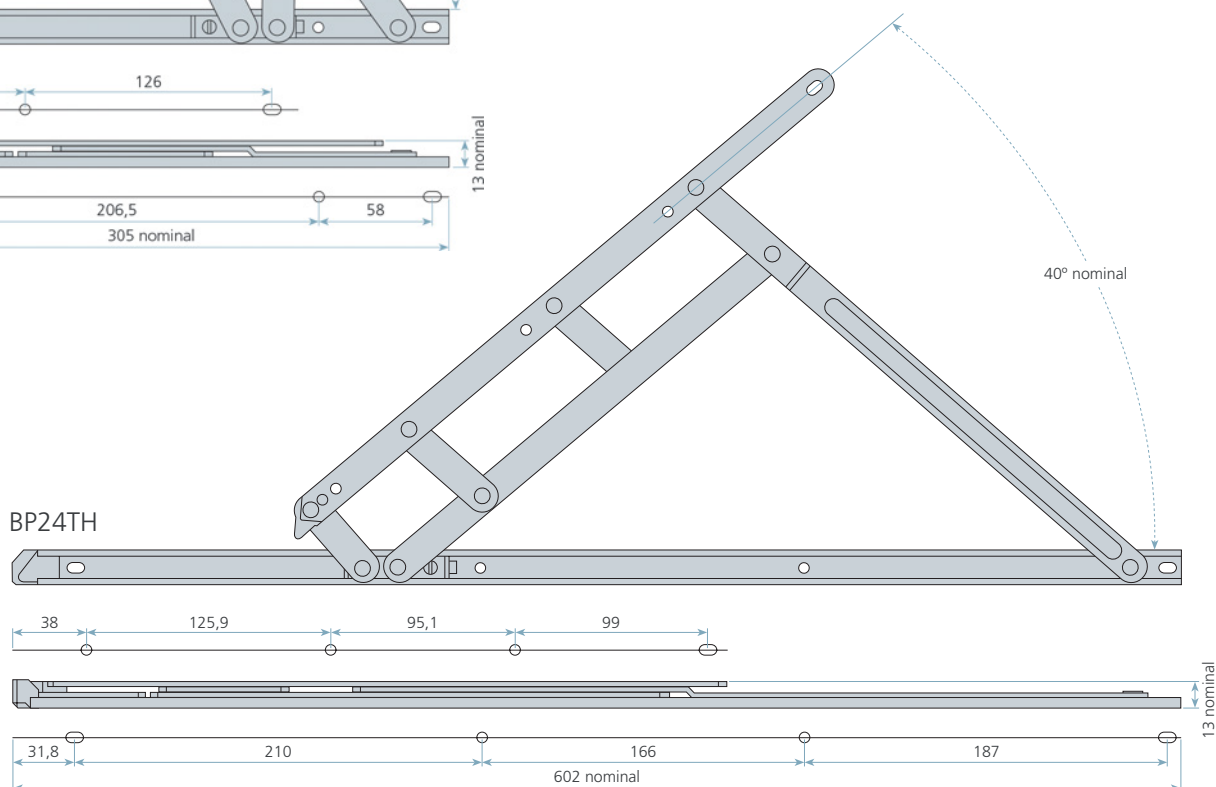
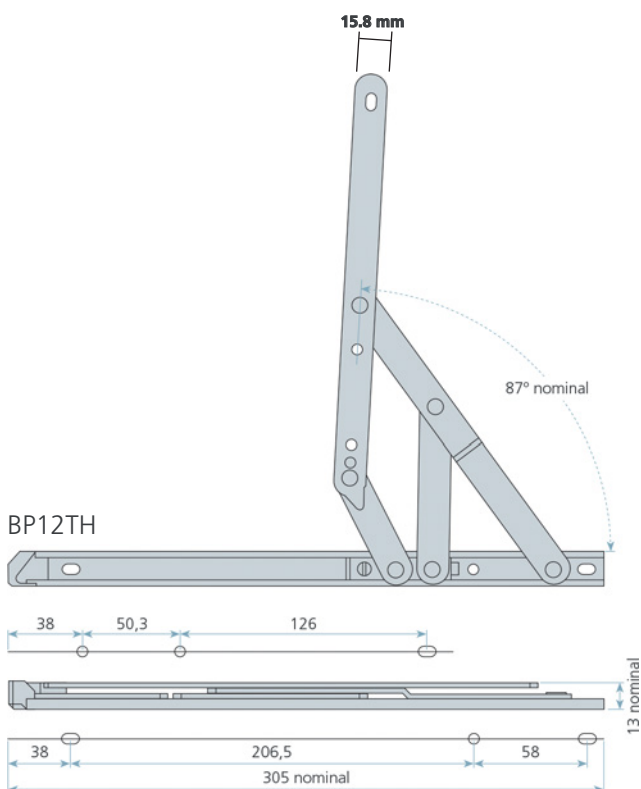
HD awning stays (top hung) size chart

Code	Stay length (") (mm)	Stack height (mm)	Max. sash height (mm)	Max. sash weight (kg)	Opening angle (°)
BP10HDC	10 263	15.5	762	50	82
BP16HDC	16 414	15.5	1120	63	83
BP22HD	22 567	15.5	1321	74	82
BP26HD Awning only	26 683	16	1800	90	23
BP28HD Awning only	28 724	16	2000	130	18

HD casement stays (side hung) size chart

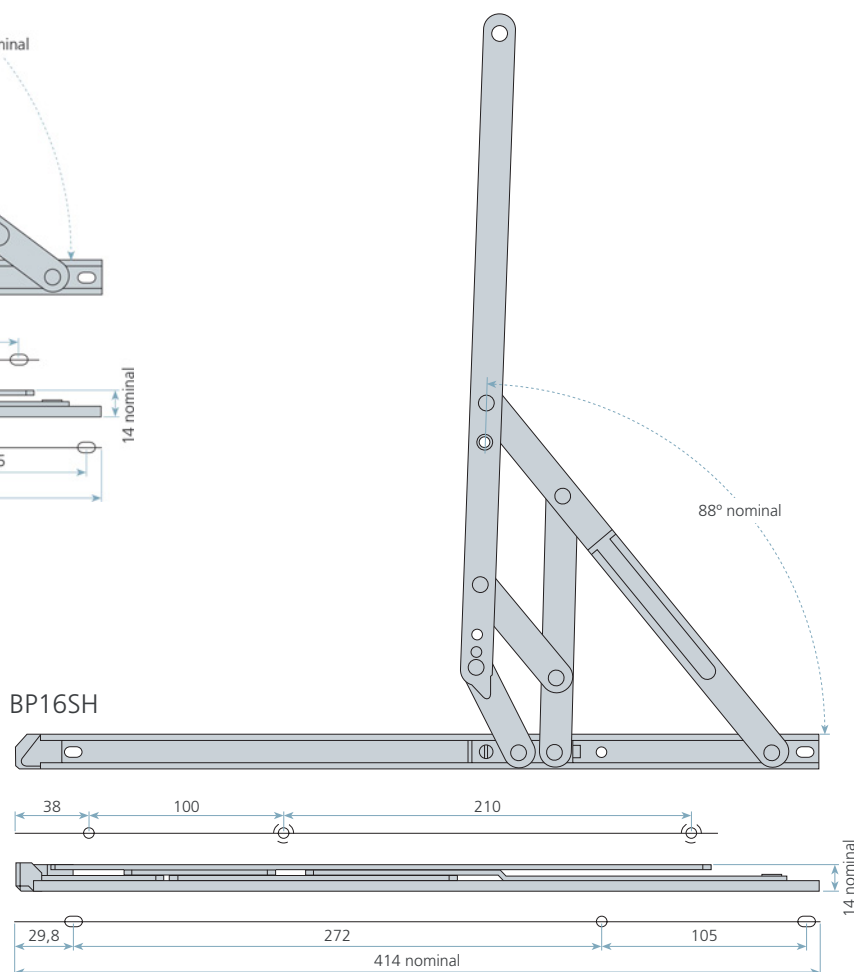
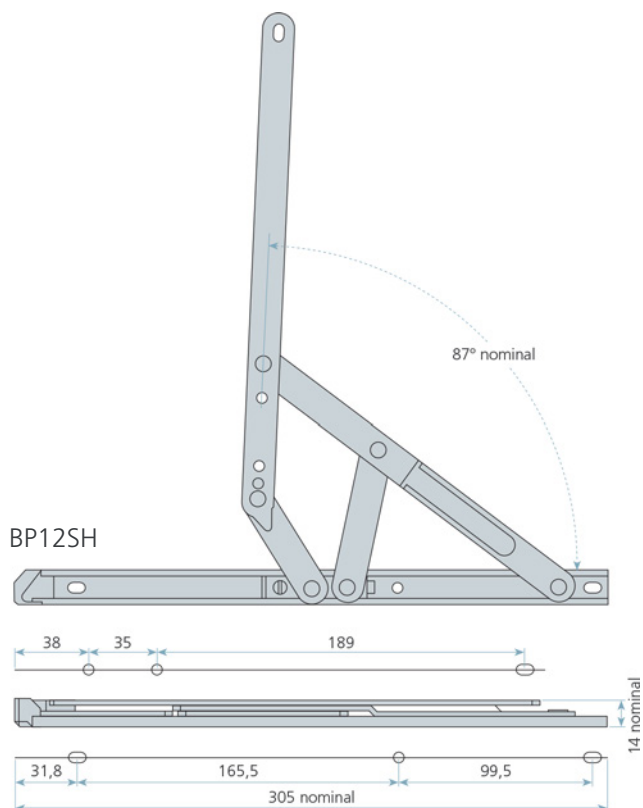
Code	Stay length (") (mm)	Stack height (mm)	Max. sash width (mm)	Max. sash weight (kg)	Opening angle (°)
BP10HDC	10 263	15.5	660	34.4	82
BP16HDC	16 414	15.5	800	37	83
BP22HD	22 567	15.5	800	42	83

FOUR BAR FRICTION STAYS: AWNING WINDOWS



Code (Top hung)	Stay length (")	Stay length (mm)	Stack height (mm)	Max. sash height (mm)	Max. sash weight (kg)	Opening angle (°)
BP8TH	8	203	13	350	12	73
BP10TH	10	254	13	400	14	84
BP12TH	12	305	13	550	16	87
BP16TH	16	402	13	800	20	60
BP20TH	20	502	13	900	24	45
BP24TH	24	602	13	1200	35	40

FOUR BAR FRICTION STAYS: CASEMENT WINDOWS



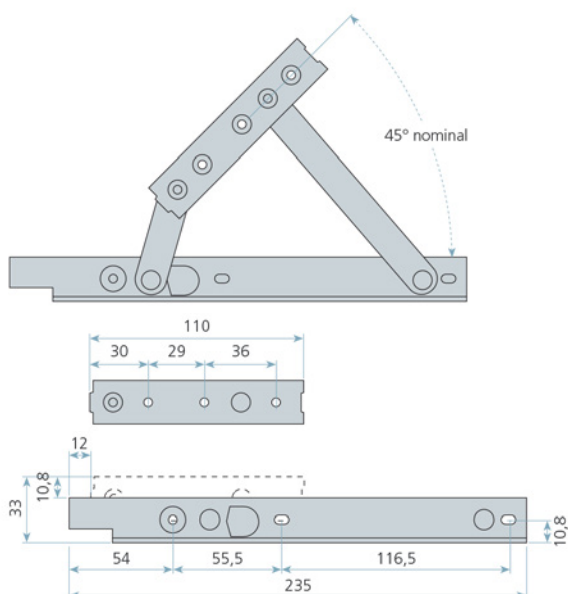
Code (Side hung)	Stay length (") (mm)	Stack height (mm)	Max. sash width (mm)	Max. sash weight (kg)	Opening angle (°)
BP12SH	12 305	14	650	24	87
BP16SH	16 414	14	800	30	88

ALUMINIUM FRICTION STAYS:

AWNING AND CASEMENT WINDOWS

A range of aluminium friction stays designed to provide support for standard sashes.

- Available in different sizes for sash weights of up to 43 kg for awning and 20 kg for casement
- Non-friction options available
- Available in black only

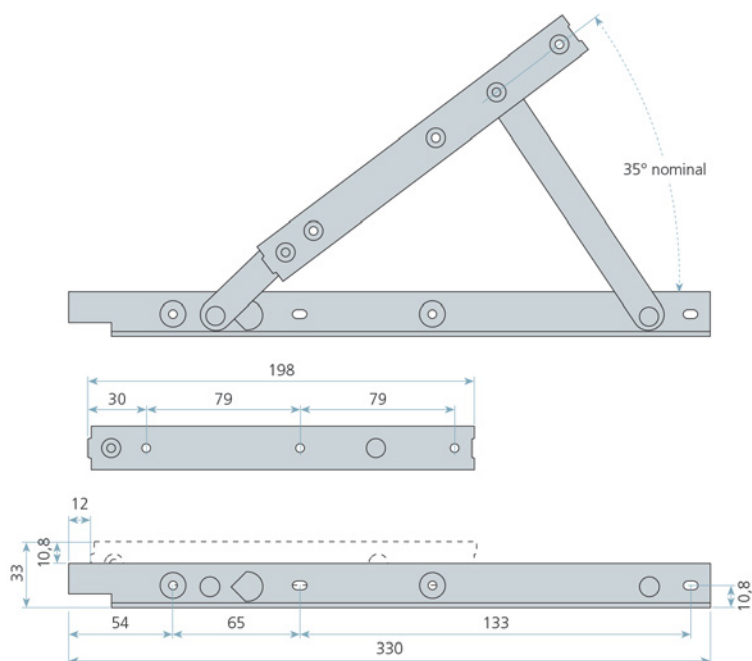


Code	Window	Stay length (mm)	Stack height (mm)	Max sash weight (kg)	Max sash height (mm)	Opening angle (°)
BP235B	Awning (Friction)	235	13	6	750	45
BP235BNF	Awning (Non-friction)	235	13	6	750	45

* Colour Black

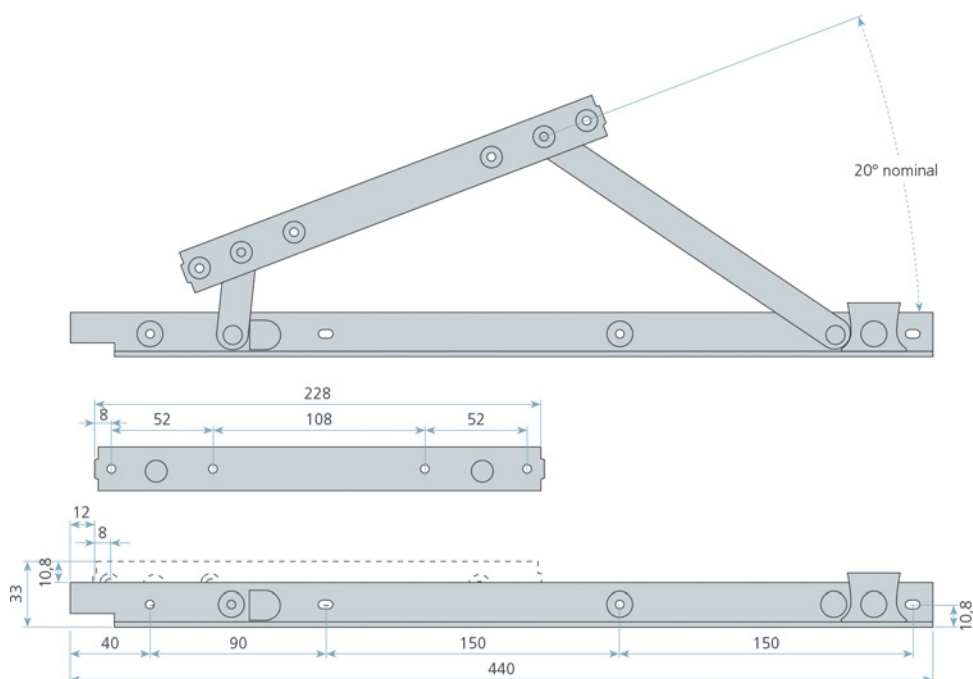
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Miles Nelson
Architectural Hardware est. 1928



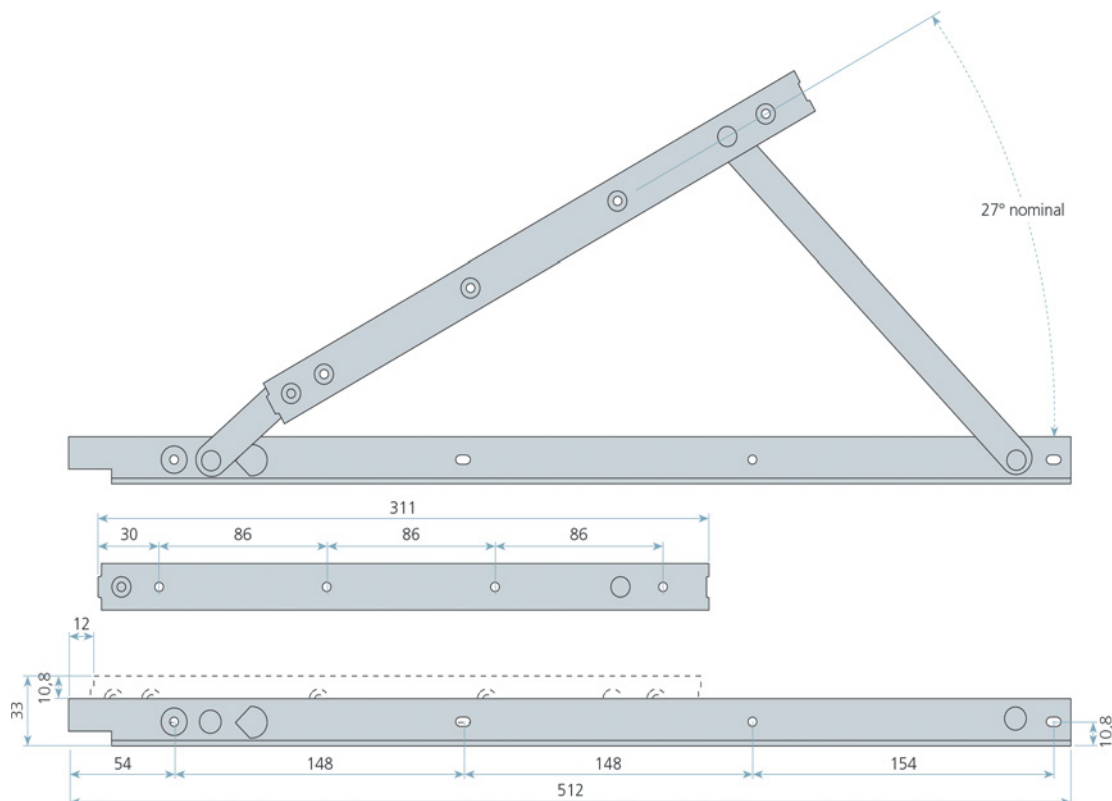
Code	Window	Stay length (mm)	Stack height (mm)	Max sash weight (kg)	Max sash height (mm)	Opening angle (°)
BP335B	Awning (Friction)	330	13	9	1000	35
BP335BNF	Awning (Non-friction)	330	13	9	1000	35

* Colour Black



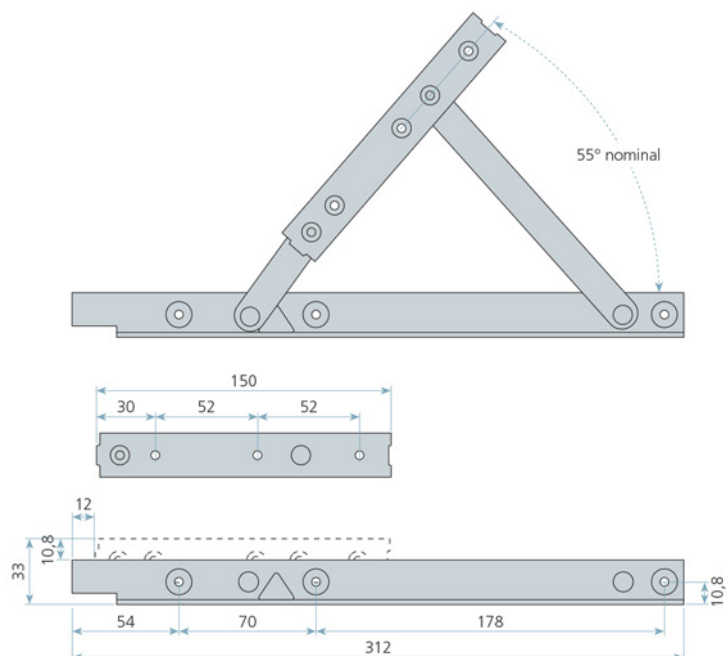
Code	Window	Stay length (mm)	Stack height (mm)	Max sash weight (kg)	Max sash height (mm)	Opening angle (°)
BP440B	Awning (Friction)	440	13	15	1800	20
				20	1500	20
				43	1200	20
BP440BNF	Awning (Non-friction)	440	13	15	1800	20
				20	1500	20
				43	1200	20

* Colour Black



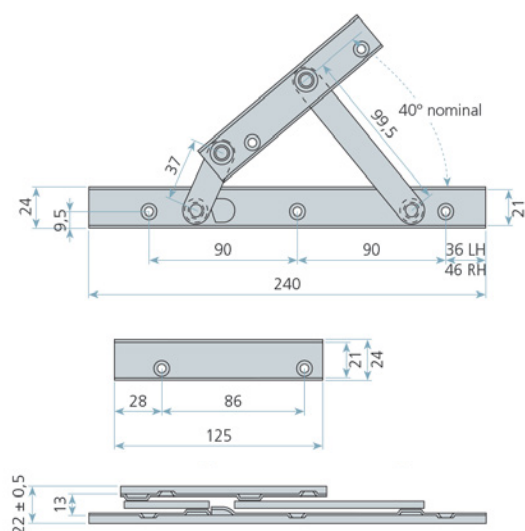
Code	Window	Stay length (mm)	Stack height (mm)	Max sash weight (kg)	Max sash height (mm)	Opening angle (°)
BP510B	Awning (Friction)	512	13	12	1300	27
BP510BNF	Awning (Non-friction)	512	13	12	1300	27

* Colour Black



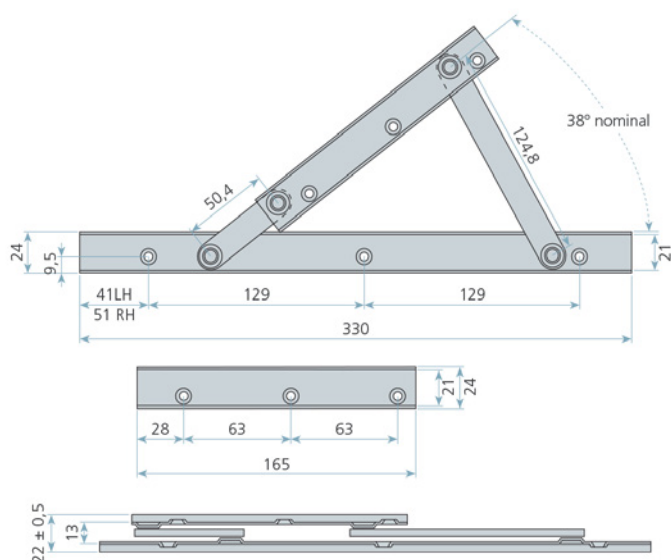
Code	Window	Stay length (mm)	Stack height (mm)	Max sash weight (kg)	Max sash width (mm)	Opening angle (°)
BP305CB	Casement (Friction)	312	13	20	750	55

* Colour Black



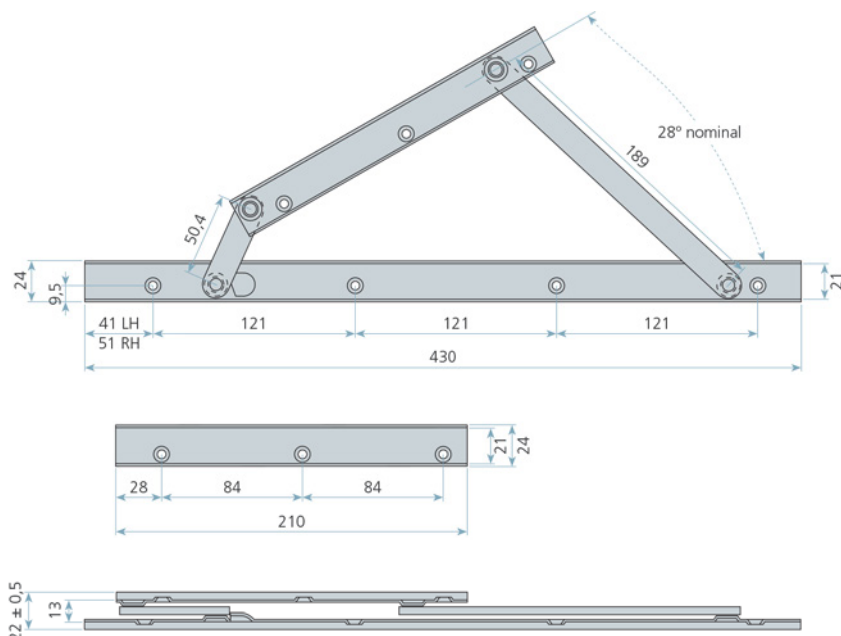
Code	Window	Stay length (mm)	Stack height (mm)	Max sash weight (kg)	Max sash height (mm)	Opening angle (°)
BPCHH245B	Awning (Friction)	245	22	8	800	40
BPCHH245BNF	Awning (Non-friction)	245	22	8	800	40

* Colour Black

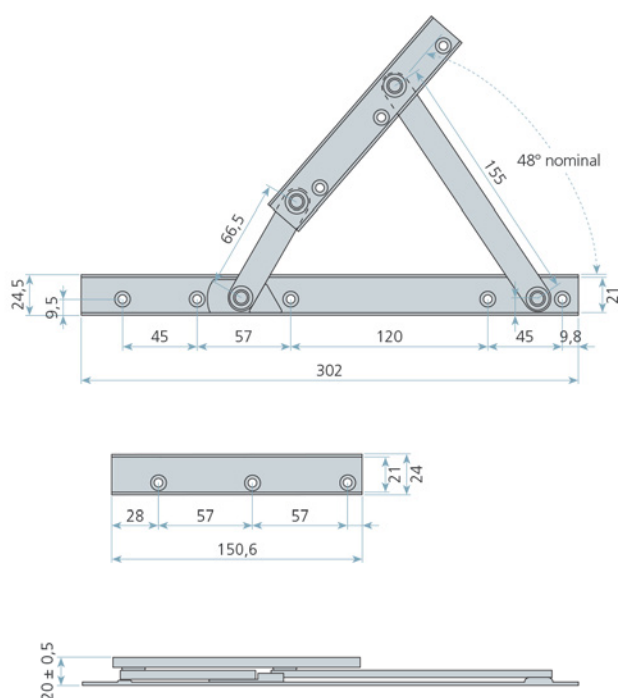


Code	Window	Stay length (mm)	Stack height (mm)	Max sash weight (kg)	Max sash height (mm)	Opening angle (°)
BPCHH335B	Awning (Friction)	330	22	10	1000	38

* Colour Black



Code	Window	Stay length (mm)	Stack height (mm)	Max sash weight (kg)	Max sash height (mm)	Opening angle (°)
BPCHH435B	Awning (Friction)	430	22	16	1200	28
* Colour Black						

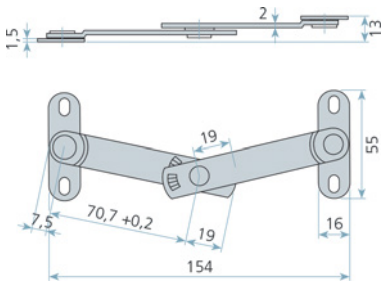


Code	Window	Stay length (mm)	Stack height (mm)	Max sash weight (kg)	Max sash width (mm)	Opening angle (°)
BPCHH305B	Casement (Friction)	302	20	20	750	48
* Colour Black						

RESTRICTOR STAYS:

A range of high-performance cavity fit restrictors to prevent the window opening past the fully restricted position.

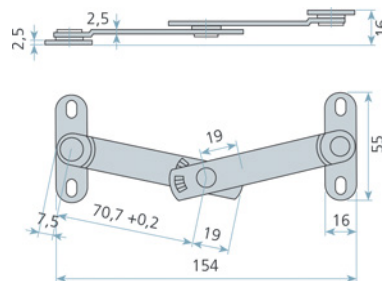
- Suitable for aluminium, PVC and timber
- Suitable for awning and casement windows
- Light-duty and heavy-duty options to align with different friction stay stack heights
- Key release version available for easy override of restrictor
- Innovative design to ensure window will hold in open position when required
- Ideal for controlling open sashes in exposed or high-wind areas
- Ideal for applications where building codes demand restriction for safety reasons
- Easy to install by screwing or riveting to the frame and sash
- Manufactured from a combination of 304 grade stainless steel and nylon components



Code

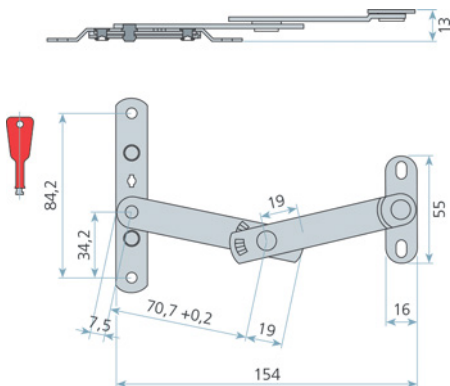
BPRESTLD (Light Duty)

BPRESTLDNF (No-friction, No-hold)



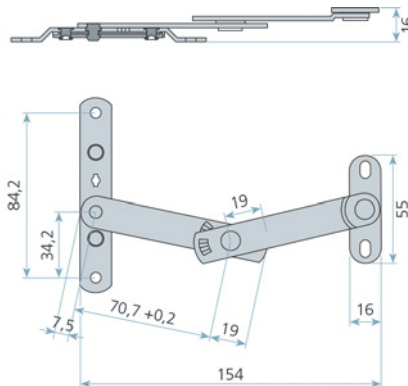
Code

BPRESTHD (Heavy Duty)



Code

BPRESTKRLD (Keyed)



Code

BPRESTKRHD (Keyed)

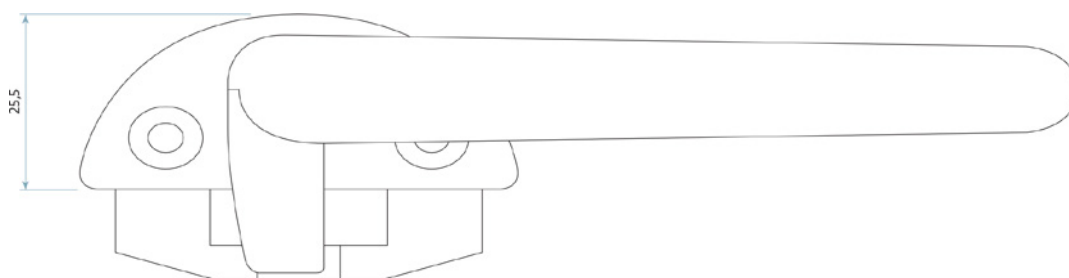


ASCOT HIGH PROFILE HANDLE: SELF LATCHING AND LOCKING

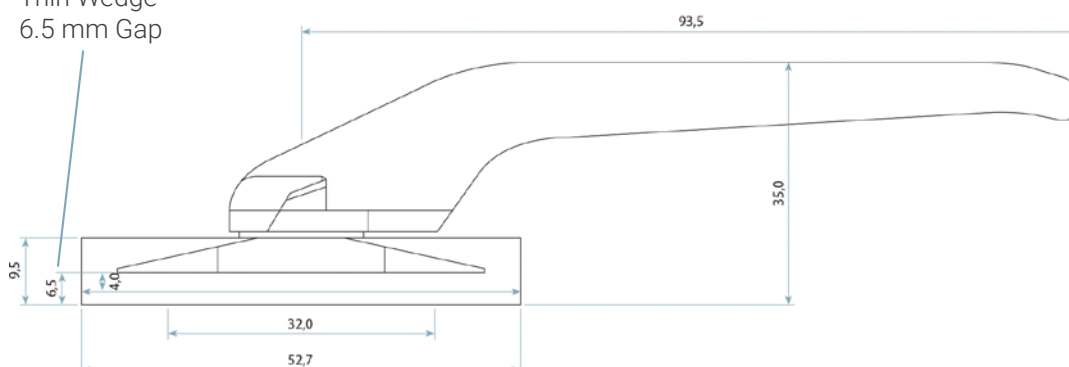
- Packs of 50
- TW = thin wedge high profile only
- Face Fixed
- Industry standard 32 mm hole centres
- Available in: Black & White



Right hand shown



Thin Wedge
6.5 mm Gap



Colour	Matt Black	Arctic White
Left handed	ASHPSLBLH-MT	ASHPSLAWLH
Right handed	ASHPSLBRH-MT	ASHPSLAWRH

Colour		Black	Arctic White
Key Lock	Left Handed	ASSLBLHLK	ASSLAWRHLK
Key Lock	Right Handed	ASSLBRHLK	ASSLAWLHLK

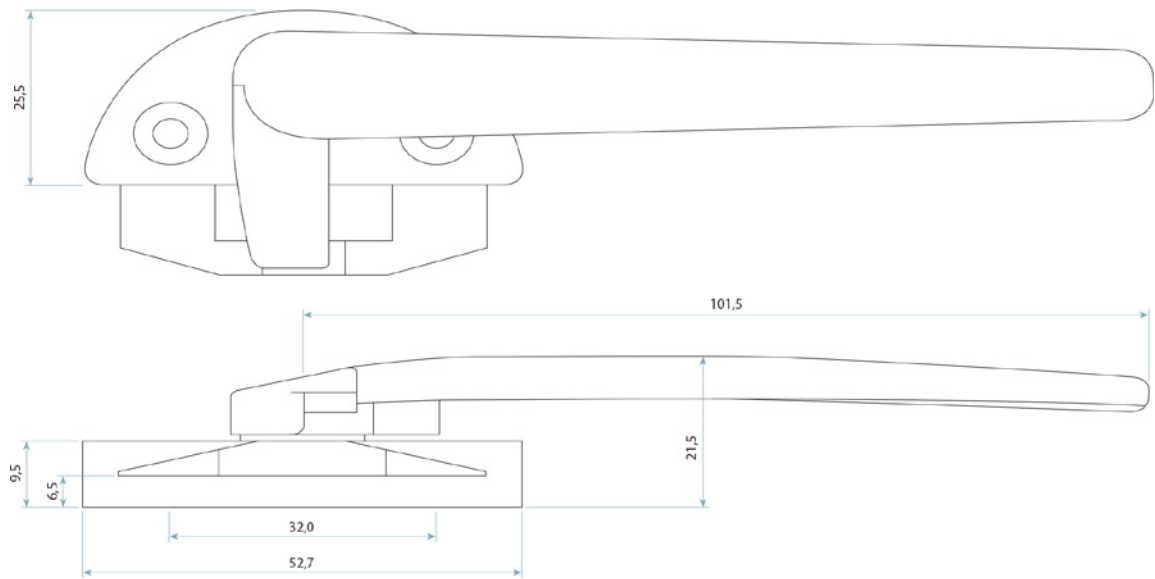


Right hand shown

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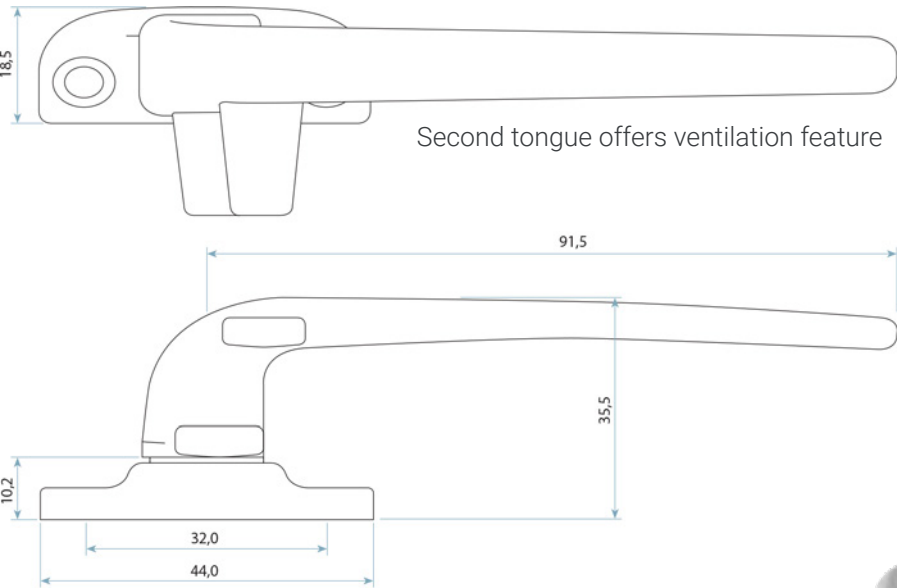
Miles Nelson
Architectural Hardware est. 1928

ASCOT LOW PROFILE HANDLE: SELF LATCHING



Colour	Matt Black	Arctic White
Left handed	ASLPSLBLH-MT	ASLPSLAWLH
Right handed	ASLPSLBRH-MT	ASLPSLAWRH

ASCOT DOUBLE TONGUE HANDLE:



Colour	Matt Black	Arctic White
Left handed	ASDTBLH-MT	ASDTAWLH
Right handed	ASDTBRH-MT	ASDTAWRH

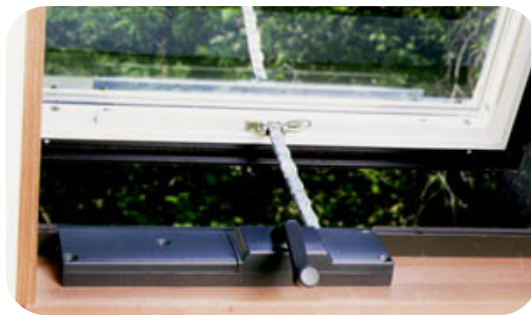


Right hand shown

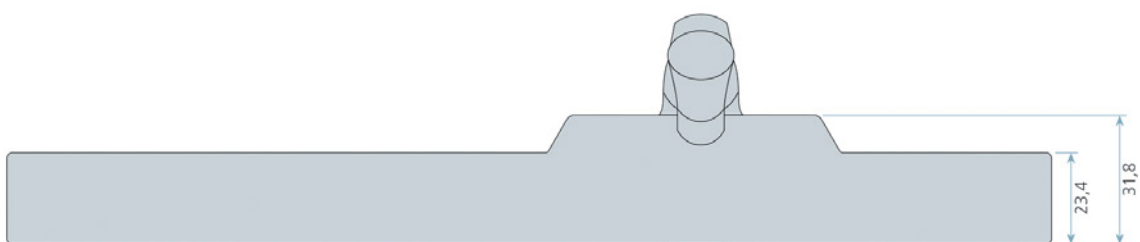
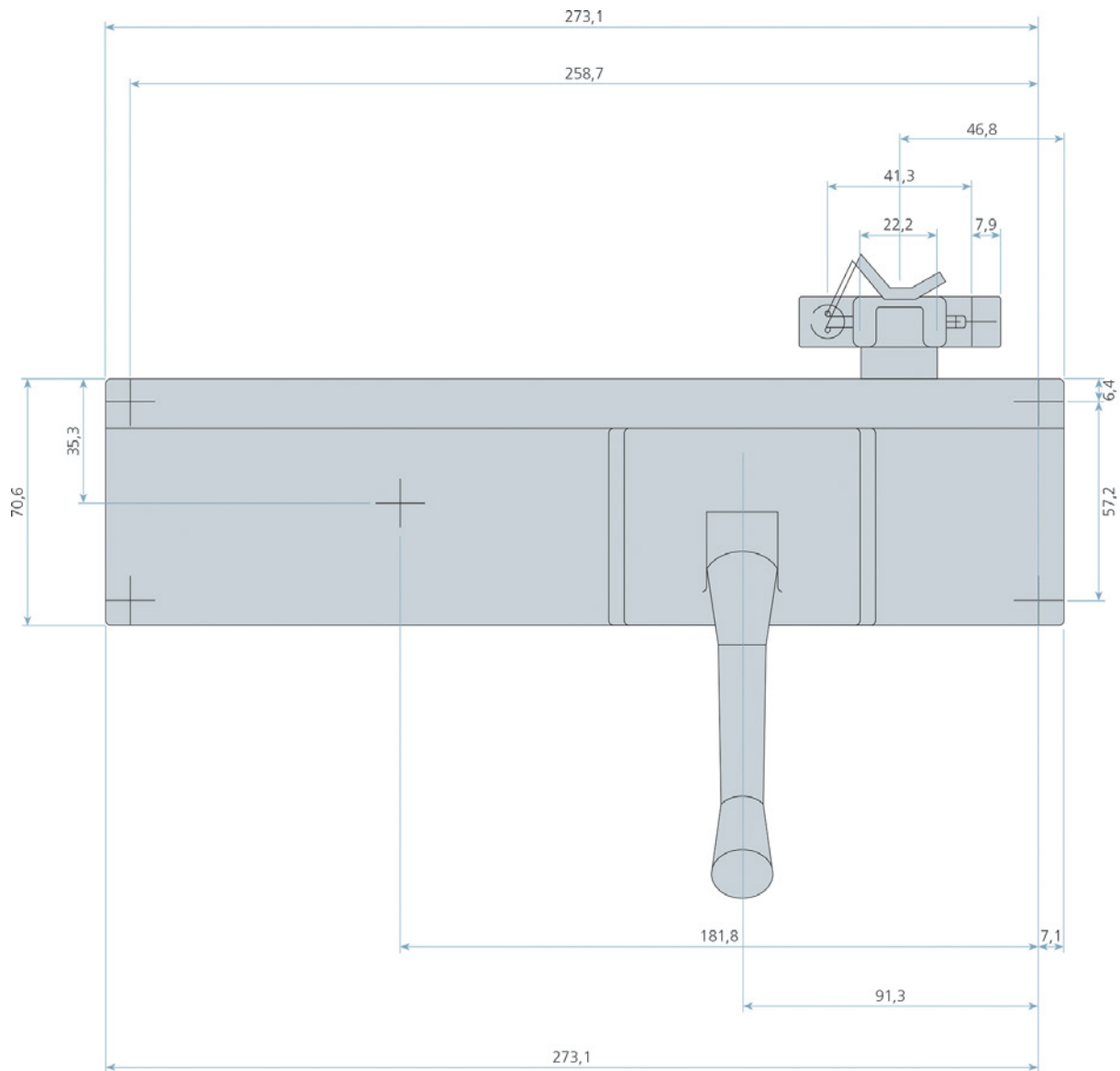
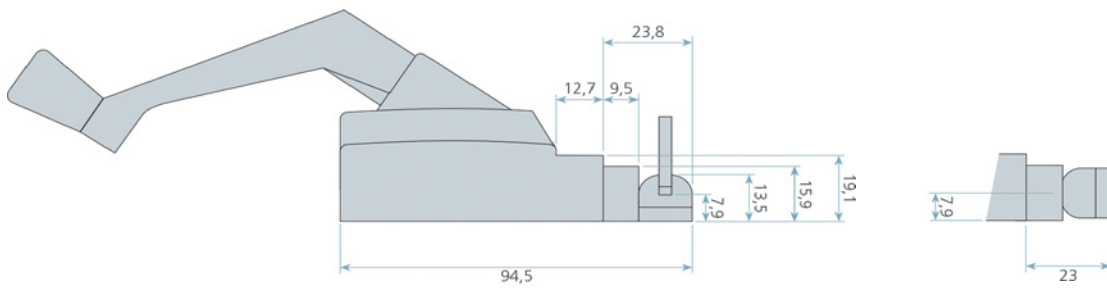
MANUAL SKYLIGHT OPERATOR: STRAIGHT AND ANGLE DRIVE

Compatible with aluminium, PVC and timber skylights, Manual Skylight Operators are easy to install, simple to use and can lift up to 63.5 kg with minimal effort. A strong plastic case liner keeps the chain and sprocket sliding smoothly, making windows easy to open. The hardened steel chain is detachable at the sash for easy installation and provides years of noise-free operation. Straight drive and angle drive are available along with standard and long handle versions.

- Steel chain is detachable at the sash – ease of factory or field installations
- The sprocket and chain are made from hardened steel to provide years of continuous, chatter-free operation
- Electrostatically applied, durable coatings provide excellent resistance to chipping, scratching and corrosion while maintaining colour stability for years in direct sunlight
- The worm gear is made from hardened steel for lasting service

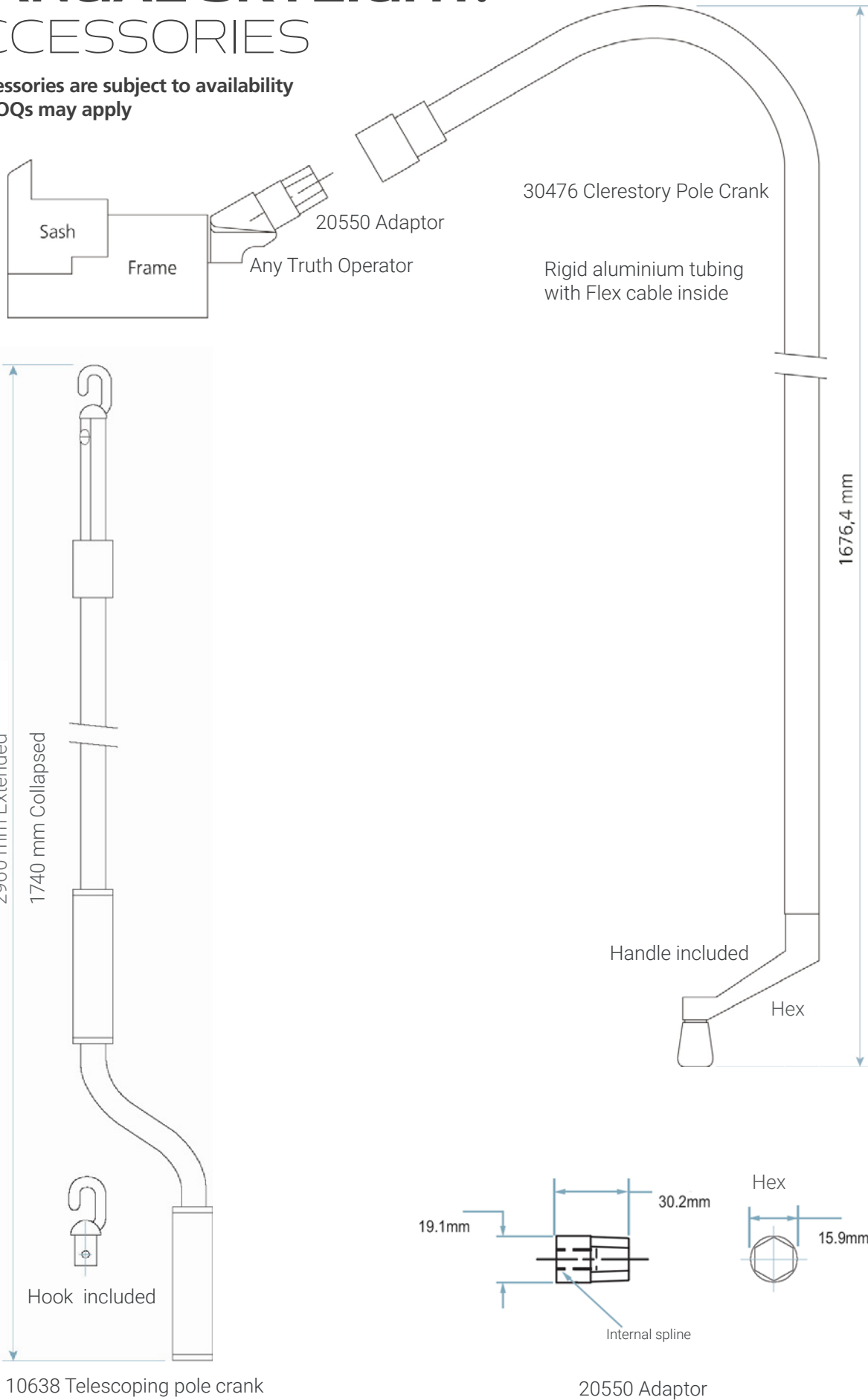


Code	Description	Colour
42.65.02.101	Operator (angle drive module 228.6 mm)	Black
42.65.32.101	Operator (angle drive module 228.6 mm)	White
10638	Pole (telescopic extension 3 m)	Silver
33604.01	Drive Universal with ring	Silver
33604.02	Drive Universal with ring	Black
33604.32	Drive Universal with ring	White
11329.01	Folding handle	Silver
11329.02	Folding handle	Black
11329.32	Folding handle	White
11454.01	Contour handle (for larger sash weights)	Silver
* Contour handle comes in black and silver, other colours and handles available		

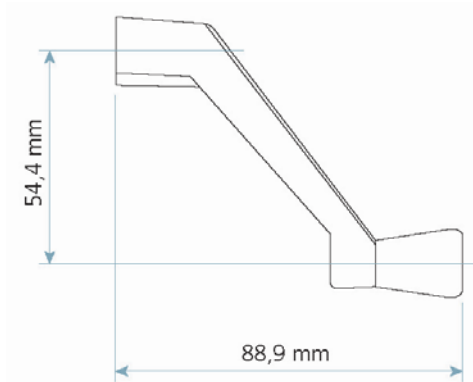


MANUAL SKYLIGHT: ACCESSORIES

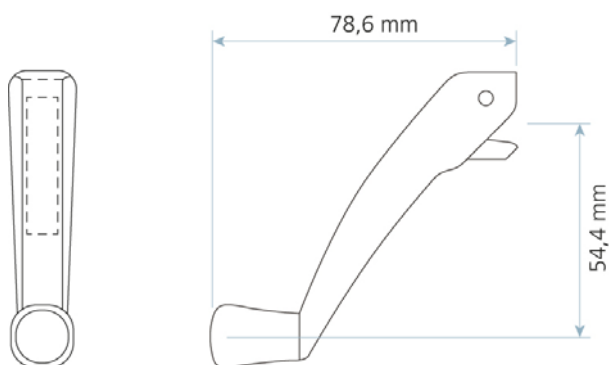
All accessories are subject to availability
and MOQs may apply



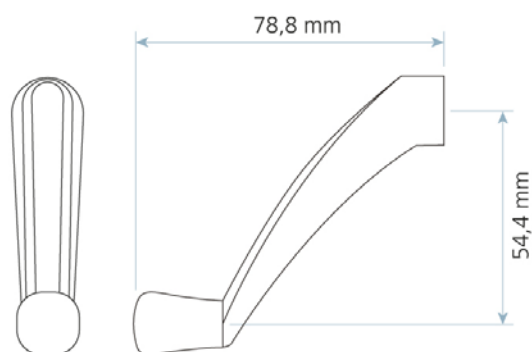
TRUTH HARDWARE



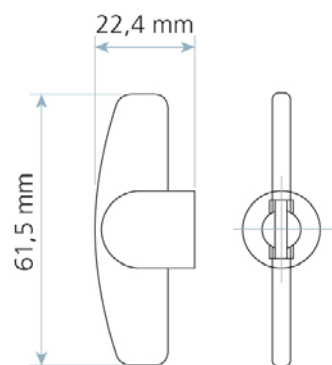
10579 Long handle (includes set screw)



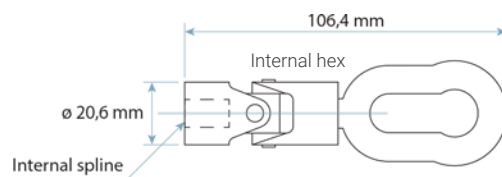
11329 Folding handle (includes set screw)



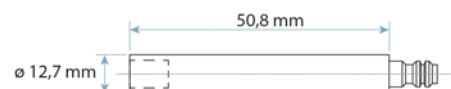
11454 Contour Handle



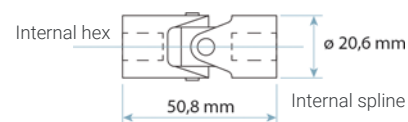
11573 T-handle



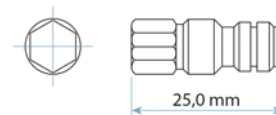
33604 Universal with pole ring



40096 Handle extension (also 40097)

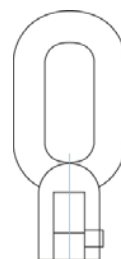


30326 Universal



30439 Insert

Insert is needed to connect Universal to Universal, or Universal to handle extension. Spline standard on all Truth Operators.



31000 Eyelet
(includes set screw)

SEALING SYSTEMS

FOR ALUMINIUM, TIMBER AND PVC WINDOWS AND DOORS

Under EN 12365 2003 there is a prescribed classification system that enables window, door, shutter and curtain walling manufacturers or installers to ensure that they are using the component that best meets their requirements.

The methodology for the linear compression test, the deflection recovery test and the recovery after ageing test are all described in EN 12365 2003 parts 2, 3 and 4. All testing should be carried out by an accredited test facility. The testing facilities at SchlegelGiesse in Hamburg are accredited by ift Rosenheim.



Year
Guarantee



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Miles Nelson[®]
Architectural Hardware est. 1928

PILE SEALS:

EFFECTIVE FLEXIBLE SEALING

SchlegelGiesse are known for providing high quality GIESSE and ERA hardware and SCHLEGEL sealing products for all types of windows and doors on the residential, commercial and industrial fronts. We have a long history of manufacturing an extensive range of woven pile seals and extruded sealing profiles with pile for application in the fenestration industry, window covering business, interior design and other areas. Pile fibres move independently and are flexible, they seal perfectly against moving elements and also uneven surfaces.



Early in the previous century, pile weather strips were developed for use in revolving doors. The first types were made from wool with a cotton backing (so-called wool pile). In recent years, demands regarding draught proofing and durability in the building industry have increased, and the products developed accordingly.

Schlegel pile seals are made from polypropylene (PP) and come with numerous options:

- Available in many different widths and heights
- Reinforced woven backing
- With optional adhesive backing
- PP yarn treated with silicone to resist water, mould and mildew
- Different densities depending on seal type, width and mounting distance
- Standard soft multifilament yarn
- Heat set for recovery after compression
- UV stable and chemically inert
- Excellent resistance to abrasion and static build-up and low friction for improved sliding performance
- Optional central fins for additional draught proofing

Our products are manufactured to meet the requirements of our many international customers in different industries. We use a Quality Management System registered and certified to norm ISO 9001:2015 and an Environmental Management System to ISO 14001:2015.

We invite you to browse through our range in this brochure or on our website, where you can use our product filter to find the right draught excluder for you. Please contact us for any further information or specific requirements.

Tested and certified by:

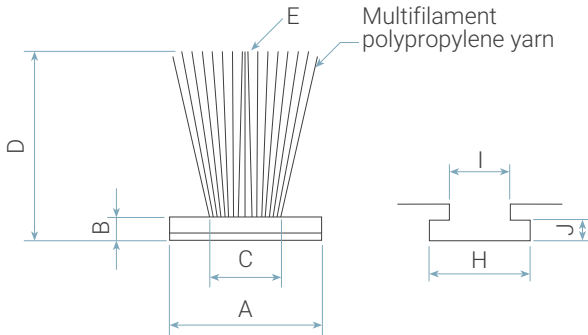


POLY-BOND (PB): WOVEN PILE SEALS

Soft silicone treated multifilament pile yarn on a woven reinforced translucent backing for all common economy sealing applications.

Recommended compression:

- Pile height from 3.0 to 5.0 mm: 5% to 10%
- Pile height from 5.5 to 6.5 mm: 10% to 20%
- Pile height from 7.0 mm and above: 15% to 25%



T-SLOT DIMENSIONS

	4.8	6.9
(H)	5.3	7.7
(I)	3.2	3.2
(J)	1.3	1.3

Minimum clearance recommended: +0.5 mm of backing width chosen

TECHNICAL SPECIFICATION (PB)

STANDARD SOLUTIONS				
(A)	(B)	(C)	(D)	(E)
Backing width*	Backing thickness	Pile base width	Pile height	Pile density (P)
4.8 +0.10/-0.15 mm	0.8 ± 0.15 mm	2.4 ± 0.3 mm	D ≤ 6.5 mm (+0.25/-0.15 mm) with 0.5 mm intervals	3P
6.9 +0.10/-0.20 mm			D ≤ 10.0 mm (+4%/-2.5%) with 1.0 mm intervals	4P
Multifilament pile yarn colours (≈ RAL)				
7045 9005				
Grey Black				

Code	A (mm)	D (mm)	Colour	M per Reel	Code	A (mm)	D (mm)	Colour	M per Reel
PB48303B	4.8	3.0	Black	800	PB69304B	6.9	3.0	Black	475
PB48353B	4.8	3.5	Black	700	PB69404B	6.9	4.0	Black	425
PB48403B	4.8	4.0	Black	650	PB69454B	6.9	4.5	Black	425
PB48453B	4.8	4.5	Black	550	PB69504B	6.9	5.0	Black	375
PB48503B	4.8	5.0	Black	500	PB69554B	6.9	5.5	Black	325
PB48553B	4.8	5.5	Black	450	PB69604B	6.9	6.0	Black	325
PB48603B	4.8	6.0	Black	400	PB69654B	6.9	6.5	Black	300
PB48653B	4.8	6.5	Black	400	PB69704B	6.9	7.0	Black	275
PB48703B	4.8	7.0	Black	350	PB69754B	6.9	7.5	Black	250
PB48753B	4.8	7.5	Black	350	PB69904B	6.9	9.0	Black	225
PB48853B	4.8	8.5	Black	275					

* Also available with optional Adhesive Backing (AB). Please contact us for more information.

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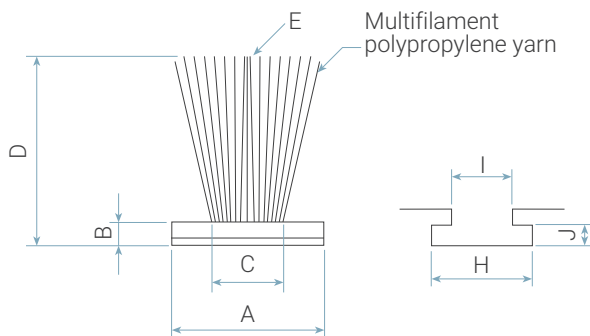
Miles Nelson
Architectural Hardware est. 1928

POLY-BOND (PB) 100M REEL OPTION: WOVEN PILE SEALS

Soft silicone treated multifilament pile yarn on a woven reinforced translucent backing for all common economy sealing applications.

Recommended compression:

- Pile height from 3.0 to 5.0 mm: 5% to 10%
- Pile height from 5.5 to 6.5 mm: 10% to 20%
- Pile height from 7.0 mm and above: 15% to 25%



T-SLOT DIMENSIONS

	4.8	6.9
(H)	5.3	7.7
(I)	3.2	3.2
(J)	1.3	1.3

Minimum clearance recommended: +0.5 mm of backing width chosen

TECHNICAL SPECIFICATION (PB)

STANDARD SOLUTIONS				
(A)	(B)	(C)	(D)	(E)
Backing width*	Backing thickness	Pile base width	Pile height	Pile density (P)
4.8 +0.10/-0.15 mm	0.8 ± 0.15 mm	2.4 ± 0.3 mm	D ≤ 6.5 mm (+0.25/-0.15 mm) with 0.5 mm intervals	3P
6.9 +0.10/-0.20 mm			D ≤ 10.0 mm (+4%/-2.5%) with 1.0 mm intervals	4P
Multifilament pile yarn colours (≈ RAL)				
7045		9005		
				
Grey		Black		

Code	A (mm)	D (mm)	Colour	M per Reel
PB48453B1	4.8	4.5	Black	100
PB48853B1	4.8	8.5	Black	100
PB695841	6.9	5.75	Grey	100
PB696041	6.9	6.0	Grey	100
PB69634B1	6.9	6.25	Black	100
PB69684B1	6.9	6.75	Black	100
PB696841	6.9	6.75	Grey	100
PB69704B1	6.9	7.0	Black	100
PB69904B1	6.9	9.0	Black	100

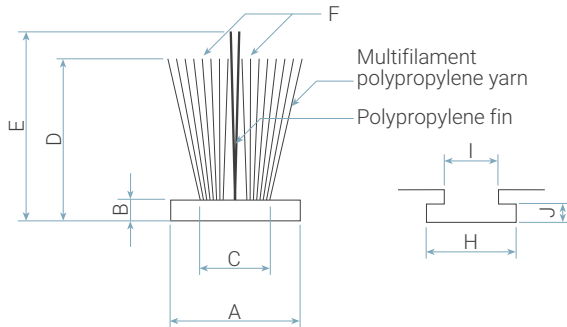
MOQ to be advised prior to order.

FIN-SEAL (PBF) SILENT FIN (PBSF): WOVEN PILE SEALS WITH FIN

Soft silicone treated multifilament pile yarn on a woven reinforced translucent backing. With welded centre fin for improved weather sealing of sliding windows and doors.

Recommended compression:

- Pile height from 3.0 to 5.0 mm: 5% to 10%.
- Pile height from 5.5 to 6.5 mm: 10% to 20%.



T-SLOT DIMENSIONS

	4.8	6.9
(H)	5.3	7.7
(I)	3.2	3.2
(J)	1.3	1.3

Minimum clearance recommended: +0.5 mm of backing width chosen

TECHNICAL SPECIFICATION (PBF)

STANDARD SOLUTIONS					
(A)	(B)	(C)	(D)	(E)	(F)
Backing width*	Backing thickness	Pile base width	Pile height	Fin height	Pile density (P)
4.8 +0.10/-0.15 mm	0.8 ± 0.15 mm	2.4 ± 0.3 mm	D ≤ 6.5 mm (+0.25/-0.15 mm) with 0.5 mm intervals	Level with pile (±0.50 mm)	2P
6.9 +0.10/-0.20 mm			6.5 ≤ D ≤ 10 mm (+4%/-2.5%) with 0.5 mm intervals		4P
Multifilament pile yarn colours (≈ RAL)					
		7045	9005		
					
		Grey	Black		

Code	A (mm)	D (mm)	Colour	M per Reel
PBF48452B	4.8	4.5	Black	500
PBF48502B	4.8	5.0	Black	500
PBF48552B	4.8	5.5	Black	450
PBF48602B	4.8	6.0	Black	400
PBF48652B	4.8	6.5	Black	400
PBF48752B	4.8	7.5	Black	300
PBF48852B	4.8	8.5	Black	300
PBF69454B	6.9	4.5	Black	400
PBF69504B	6.9	5.0	Black	400
PBF69554B	6.9	5.5	Black	400
PBF69654B	6.9	6.5	Black	350
PBF69754B	6.9	7.5	Black	300
PBF69904B	6.9	9.0	Black	200

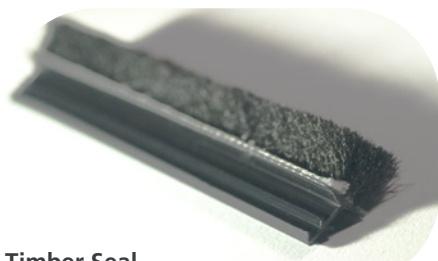
Code	A (mm)	D (mm)	Colour	M per Reel
PBSF48482B	4.8	4.75	Black	250
PBSF485002B	4.8	5.0	Black	250
PBSF486502B	4.8	6.5	Black	400
PBSF487502B	4.8	7.5	Black	300
PBSF694504B	6.9	4.5	Black	400
PBSF695254B	6.9	5.25	Black	400
PBSF696504B	6.9	6.5	Black	250
PBSF697504B	6.9	7.5	Black	300

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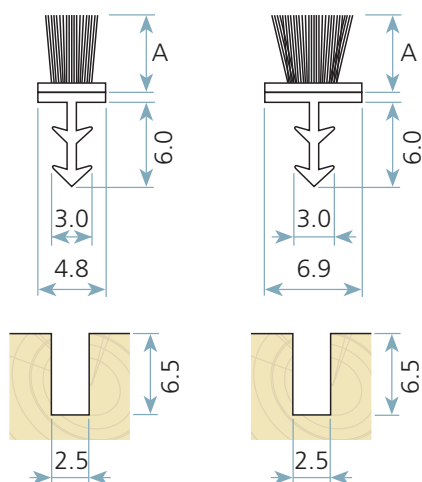
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TIMBER SEAL (TS)/TIMBER FIN (TSF): KERF SEAL WITH WOVEN PILE

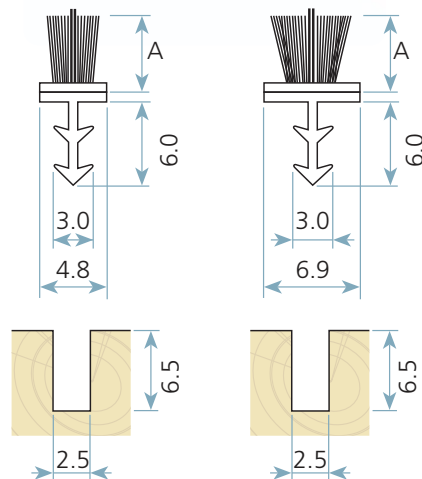
Timber seal and timber fin-seal are designed to push fit into a kerf slot. Timber seal acts as an excellent weatherseal with the siliconised polypropylene woven pile yarn. Timber fin-seal comes with a fin for an additional barrier.



Timber Seal



Timber Fin-Seal



Code	Description	'A' (mm)	M per Reel
TS48303B	TS 48 300-3P BLK	3.0	350
TS48353B	TS 48 350-3P BLK	3.5	350
TS48403B	TS 48 400-3P BLK	4.0	350
TS48453B	TS 48 450-3P BLK	4.5	350
TS48503B	TS 48 500-3P BLK	5.0	350
TS48553B	TS 48 550-3P BLK	5.5	350
TS48603B	TS 48 600-3P BLK	6.0	350
TS48653B	TS 48 650-3P BLK	6.5	350
TS48703B	TS 48 700-3P BLK	7.0	350
TS48753B	TS 48 750-3P BLK	7.5	350

TS69304B	TS 69 300-4P BLK	3.0	250
TS69404B	TS 69 400-4P BLK	4.0	250
TS69454B	TS 69 450-4P BLK	4.5	250
TS69504B	TS 69 500-4P BLK	5.0	250
TS69554B	TS 69 550-4P BLK	5.5	250
TS69604B	TS 69 600-4P BLK	6.0	250
TS69654B	TS 69 650-4P BLK	6.5	250
TS69704B	TS 69 700-4P BLK	7.0	250
TS69754B	TS 69 750-4P BLK	7.5	250

Code	Description	'A' (mm)	M per Reel
TSF48452B	TSF 48 450-FP BLK	4.5	350
TSF48502B	TSF 48 500-FP BLK	5.0	350
TSF48552B	TSF 48 550-FP BLK	5.5	350
TSF48602B	TSF 48 600-FP BLK	6.0	350
TSF48652B	TSF 48 650-FP BLK	6.5	350
TSF48752B	TSF 48 750-FP BLK	7.5	350
TSF48852B	TSF 48 850-FP BLK	8.5	350

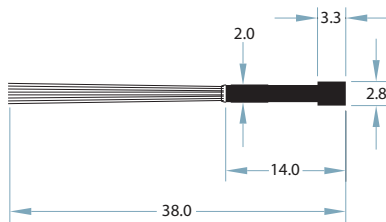
TSF69454B	TSF 69 450-FP BLK	4.5	250
TSF69504B	TSF 69 500-FP BLK	5.0	250
TSF69554B	TSF 69 550-FP BLK	5.5	250
TSF69654B	TSF 69 650-FP BLK	6.5	250
TSF69754B	TSF 69 750-FP BLK	7.5	250

SKIRTING SEAL:

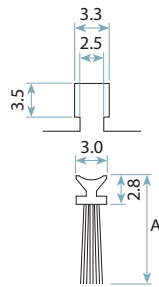
SQUARE (PS), ROUND (PR) & T-SLOT (P)

Code	Base	Height 'A' (mm)	M per Reel
SSPS8B	Square	8	700
SSPS10B	Square	10	100
SSPS11B	Square	11	600
SSPS13B	Square	13	500
SSPS16B	Square	16	500
SSPS20B	Square	20	300
SSPS28B	Square	28	250
SSPS38B	Square	38*	150

*SSPS38



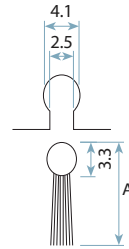
PS Skirting



PS Base

Code	Base	Height 'A' (mm)	M per Reel
SSPR10B	Round	10	500
SSPR13B	Round	13	500
SSPR16B	Round	16	500
SSPR20B	Round	20	300
SSPR28B	Round	28	200

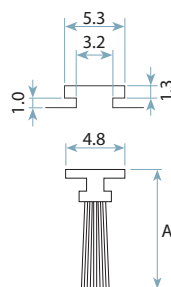
PR Skirting



PR Base

Code	Base (mm)	Height 'A' (mm)	M per Reel
SSP4809B	T-Slot 4.8	9	500
SSP4811B	T-Slot 4.8	11	400
SSP4813B	T-Slot 4.8	13	400
SSP4816B	T-Slot 4.8	16	300
SSP4820B	T-Slot 4.8	20	300
SSP4828B	T-Slot 4.8	28	200

4.8 T-Slot



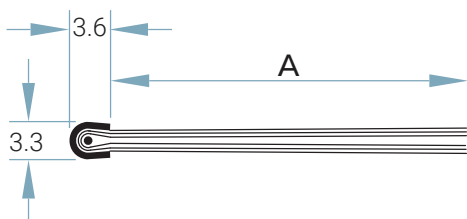
T-slot 4.8 Base

BRISTLE BRUSH:

Schlegel produce resistant, durable, rigid backed nylon brush designed to fit into extruded aluminium carriers.

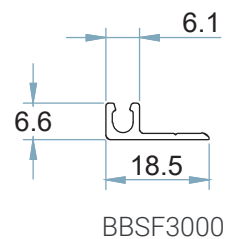
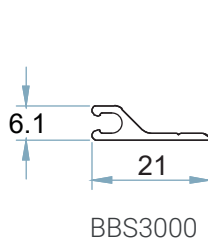
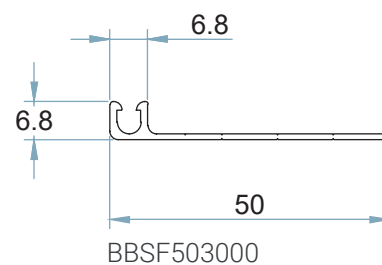
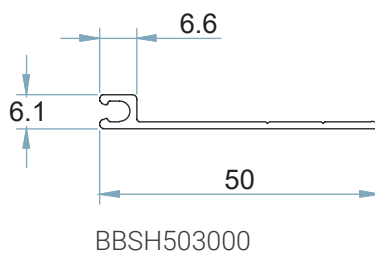
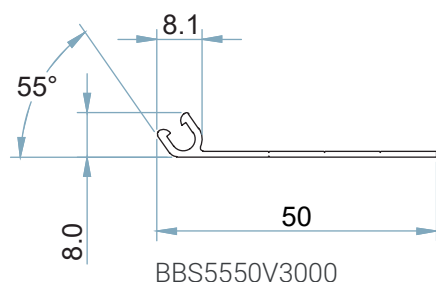
The nylon brush filament has excellent mechanical properties to ensure long lasting protection against weather and unwanted substances.

- Galvanised steel backing as standard
- Stainless steel backing options available
- Variety of brush sizes and carriers
- Bristle brush & carrier kits available
- Bristle brush itself may be push fitted into saw kerf
- Flame retardant (FR) brush available with Flammability Index rating 5 or less, and UL94 rating V0



Code	Description	Brush height 'A' (mm)	Length (m)
BB103000	Galv. Brush	10	3
BB133000	Galv. Brush	13	3
BB163000	Galv. Brush	16	3
BB193000	Galv. Brush	19	3
BB193000FR	Galv. Flame Ret. Brush	19	3
BB253000	Galv. Brush	25	3
BB253000FR	Galv. Flame Ret. Brush	25	3
BB303000	Galv. Brush	30	3
BB373000	Galv. Brush	37	3
BB403000	Galv. Brush	40	3
BB503000	Galv. Brush	50	3
BB503000FR	Galv. Flame Ret. Brush	50	3
BB7530003FR	Galv. Brush	75	3
BB10030003FR	Galv. Brush	100	3

BRISTLE BRUSH CARRIERS:



Code	Description	Back (mm)	Length (m)
BBS5550V3000	Alum. Angle Carrier 55°	50	3
BBSH503000	Alum. H Carrier 0°	50	3
BBSF503000	Alum. F Carrier 90°	50	3
BBS3000	Alum. H Carrier 0°	20	3
BBSF3000	Alum. F Carrier 90°	20	3

HEAVY VEHICLE SPRAY SUPPRESSANT: FLEXIBLE AND STRAIGHT BRUSH SYSTEMS

Schlegel provides the highest standards in quality, Australian made spray suppressant and mounting options for all trucks and trailers. The long-lasting polypropylene filaments result in greater driver vision and cleaner trucks.

Schlegel leads the way with spray suppressants that are designed for outstanding performance. A minimal investment can pay off quickly with safety, integrity and appearance for your fleet or individual vehicle.

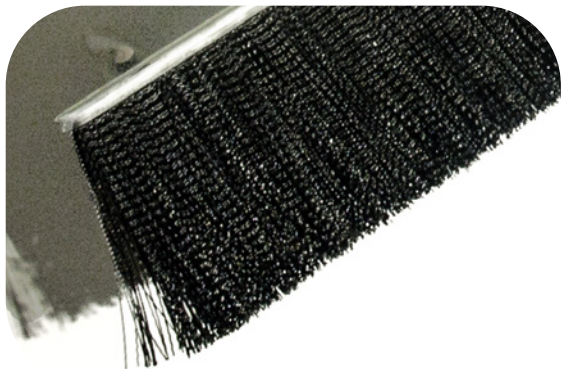
- Improves driver visibility as much as 97%
- Works effectively to minimise road water spray, dirt, grime and chemicals
- Redirects spray downwards, away from truck mirrors and other traffic.
- Multiple sizes and shapes to fit most vehicles
- Minimal cost to outfit entire fleets
- Durable polypropylene fibres that are strong and won't break
- Trucks stay cleaner and signage looks better for longer
- Easy to install and maintain
- Unique design helps prevent brake/tyre heat build up
- Backed by Schlegel Quality and unmatched customer service
- Schlegel is an internationally accredited company with BSI ISO 9001



Year
Guarantee

Rigid Spray Suppressant

- Available in two length options
- Galvanised (G) mounting strips



Code	Brush Size (mm)	Metre Length
TPSSU75GB1820 (G)	75	1.82
TPSSU100GB1820 (G)	100	1.82
TPSSU75GB3000 (G)	75	3.00
TPSSU100GB3000 (G)	100	3.00

Flexible Spray Suppressant

- Available in rolls & lengths
- Durable polypropylene backing and mounting strip

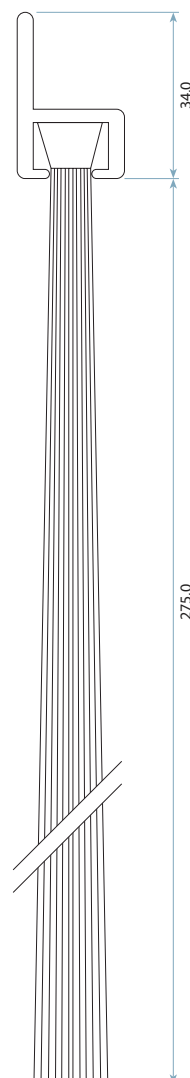
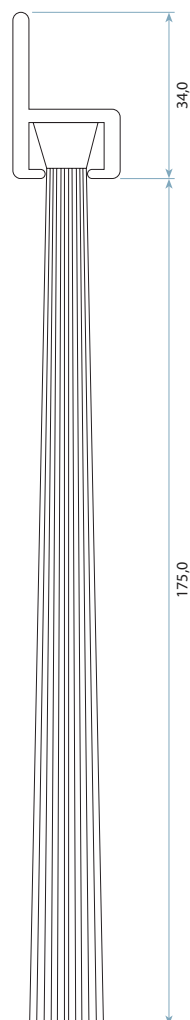
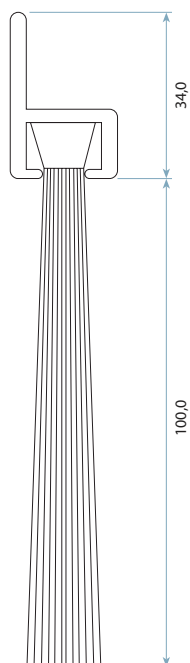
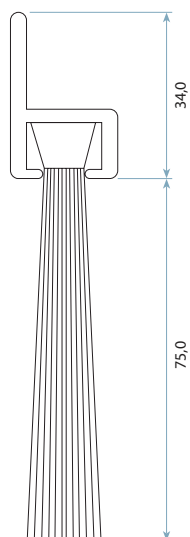


Code	Brush Size (mm)	Length
TPSSU75	75	60 metre roll
TPSSU100	100	60 metre roll
TPSSU10727	175	1.82 metre lengths
TPSSU10737	275	1.82 metre lengths

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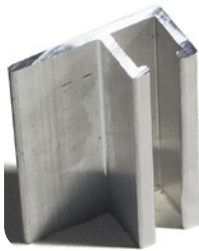
BRISTLE BRUSH H MOUNT: SUPERIOR QUALITY STEEL



'H' Carrier Mill Aluminium:

- Code BBS3000H
- 3.00 metre

BRISTLE BRUSH F MOUNT AND CLIP: HEAVY DUTY ACCESSORIES



'F' Carrier Mill Aluminium:

- Code BBS3000F
- 3.00 metre



Mounting Clip (Metal):

- Code TPSSUCLIP

FOAM SEALS:

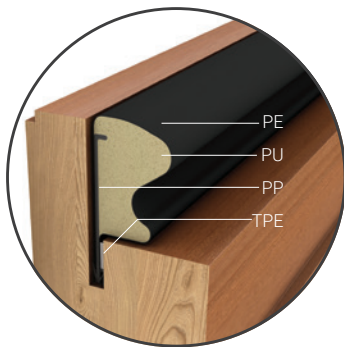
PROVED AND TESTED FOR ALMOST 50 YEARS

Made with a unique combination of materials and with technical performance unparalleled by any other material used in seals, Schlegel Q-Lon offers the highest standard of sealing function – even under extreme conditions.

Continuous research and development, as well as strict material and quality inspections, have made Q-Lon one of the best established sealing systems in the industry today.

Q-Lon foam seals – the ultimate benefits in material and function:

- Excellent memory – returns to original shape after long compression
- Stability – low / no stretch gained by rigid insert or glass fibre internal cord
- Easily compressed – low compression forces, unaffected by temperature variance
- Acoustics – outstanding acoustic performance
- Thermal conductivity – unrivalled thermal performance
- Paint and stain proof – properties unaffected by standard paints and stains
- Stabilised – unaffected by rot, fungi, UV-light or ozone
- Colours – white, black, brown and many other options
- Temperatures – wide operating range under extremely cold and warm weather conditions



- Polyurethane (PU) foam core – high durability, superior recovery performance
- Polyethylene (PE) film – weather and UV-resistant
- Glass fibre thread or polypropylene (PP) insert – prevents elongation and shrinkage
- Smooth or embossed exterior, resistant to contamination
- Compatible with cleaning agents

Independent Testing

Q-Lon has been extensively tested by independently certified test facilities that clearly demonstrate its superior performance over other commonly used seal materials and constructions. In particular, it has been shown that Q-Lon seals retain their properties and performance significantly better over time when, after 10,000 cycles of window and / or door opening and closing, other materials lose their ability to meet the normal operational requirements.

Areas affected include weathering performance, thermal insulation, sound attenuation and air tightness.

A good guide to the performance of weatherseals and gaskets can be found in EN 12365:2003

Tested and certified by:



SELECTING A SEAL MATERIAL AND DESIGN

The selection of a suitable seal product is dependent on the performance characteristics required for the door, window, rooflight, shutter or curtain walling in the application for which it has been designed.

A great deal of guidance can be gained from the classification under EN 12365-1 2003, which should always be checked. For thermal conductivity of the seal as an element of the overall construction of the window or door, reference can be made to table 1 of EN 12524 2000 or, as previously stated, by direct calculation.

These considerations will in turn influence the selection of material and manufacturer.

SCHLEGEL CAN OFFER ALL PRODUCT DESIGN, MANUFACTURING AND INSTALLATION TEAMS SUPPORT IN THE SPECIFICATION AND SUPPLY OF A SEAL...

...to meet their specific application requirements, and to support compliance with the required product standards.

QUALITY PRODUCTS

SchlegelGiesse has an unrivalled reputation for high quality, service and technical innovation, establishing it as a world leader in the manufacture of seals, weatherstrips, gaskets and extrusions.

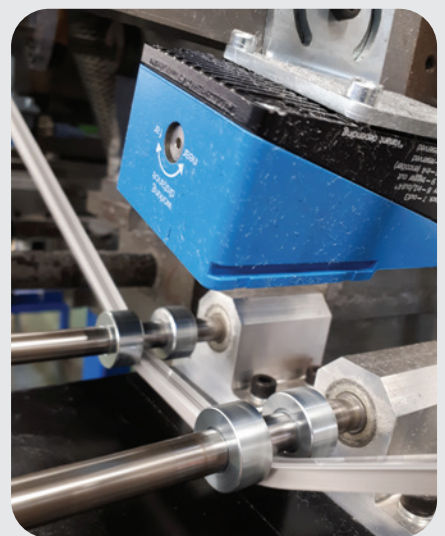
All our products are manufactured to meet the requirements of current and proposed British, European and International Standards and are manufactured using a Quality Management System registered and certified to BS EN ISO 9001:2015 Quality Systems.

European standards require each window and door to be tested in all its components with a view to constant functional quality regardless of the type of product and

the profile on which this is applied.

Each component is subjected to internal testing to verify its actual performance level or directly certified by institutes authorised to the highest levels required by the regulations (i.e. IFT Z-CERT QM338). The auditors of these institutes perform a periodic review of the effectiveness of the production plant controls in order to ensure continual quality improvement.

All the raw materials (polypropylene, TPE, PVC, polyurethane, etc) receive chemical composition controls that guarantee constant performance as requested by the reference standards.



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THERMAL CONDUCTIVITY

TO EN ISO 10077-1 AND EN 12524

THERMAL CONDUCTIVITY

Section 4.12 of EN 14351-1 2006 stipulates the methods for determining thermal transmittance of windows and doors that can be used for CE Declarations of Performance. Common window configurations can use standard tables within EN 10077-1 2006 for declared thermal performance values, though more accurate values can be obtained by individual calculation or hot box testing. In accordance with 4.12 of EN 14351-1, calculations used for declaring thermal transmittance should be conducted in accordance with the methodology stipulated in EN ISO 10077-1 2006 and EN ISO 10077-2 2012.

EN ISO 10077-2 2012 details the process for the calculation of frame elements of windows and doors, including weather seals and gaskets. For thermal calculations, it is necessary to understand the linear thermal transmittance, or thermal conductivity, of the individual frame component materials. Section 5.1 of EN ISO 10077-2 2012 refers to a further standard, EN ISO 10456 2007, as a suitable source of tabulated performance values, for a variety of building materials.

Which seal has the lowest conductivity?

Within table 3 of EN ISO 10456 2007, polyurethane foam weather seals are detailed, with a linear thermal transmittance of 0.05 W/(m.K). This should be the value used for Q-Lon seals within window and doorset specifications, when calculating thermal performance declarations in compliance with the requirements of EN 14351-1 2006.

The material performance...

...VALUES WITHIN TABLE 1 OF EN ISO 10456 2007 ALSO HIGHLIGHT THE SUPERIOR THERMAL PERFORMANCE OF Q-LON...

There is a proverb that says: A chain is only as strong as its weakest link. This also applies to the fenestration industry. Doors and windows only perform as well as the seal.

The thermal performance that can be achieved by a window or door is determined by many different factors. The composition of the frame material and the glass are both very important. A low quality seal, however, can easily spoil the energy saving effects of insulated profiles and argon filled HR glass. Under EN ISO 10456:2007, the design thermal conductivity of different materials used for seals is:

- EPDM 0.25 W/(m.K)
- PVC 0.14 W/(m.K)
- PU 0.05 W/(m.K)

In accordance with EN12667 (Thermal performance of building materials and products - Determination of thermal resistance by means of guarded hot plate and heat flow meter methods), it now has been independently tested and certified by ift Rosenheim: Q-Lon has a measured low thermal conductivity of **just 0.041 W/(m.K)**. This is better than any other weather seal available in the market.

Compared to other seals, the loss of energy is reduced to the minimum. In combination with an excellent high compression recovery (on average higher than 90%) a high performance is also guaranteed over the long term.

Evidence of Performance

Thermal conductivity (declared value)

Test Report
No. 15-003940-PR01
(PB-K03-06-en-02)

Client
SCHLEGEL GERMANY GMBH
Bredowstr. 33
22113 Hamburg
Germany

Product
Designation "Q - Lon Platten"

Performance-relevant product details
Dimensions, width x height in mm: approx. 255 x 255; Material: Flexible polyurethane foam based on polyol, both sides with polyethylene facing / 155 µm; Closing agent: water / carbon dioxide; Density in kg/m³: 125 to 136; Closed pore structure, open pores; Application: seals for windows, doors.
Conditioning
After delivery, the test specimens were conditioned at 23°C / 50 % relative humidity until achieving constant mass (0.1 % / 24 h).
Special features
The test specimens were characterised by unevenness resulting from the manufacturing process.

Results

Thermal conductivity (declared value)

$\lambda_D = 0.041 \text{ W/(m} \cdot \text{K)}^*$

* The thermal conductivity was determined at an average temperature of 10°C.



Issue 1
EN 12527:2001-01
EN ISO 10456:2009-12

Test report 15-003940-PR01
(PB-K03-06-en-02) dated
27.07.2016
2. Revised serial version is a DIN



Instructions for use

The test report serves to demonstrate the thermal conductivity (declared value) λ_D .

Validity

The data and results given refer only to the tested and described specimen. This test evaluation does not allow any statement to be made as to further characteristics regarding performance and quality of the



SCHLEGELGIESSE
TYMAN group

AN INTRODUCTION: TO EN 12365

EN 12365 2003 is the European standard that details the performance requirements of gaskets and weatherstripping in doors, windows, shutters and curtain walling. These gaskets or weatherstripping are to control the movement of air, water, sound and energy between the fixed and opening parts of the described products.

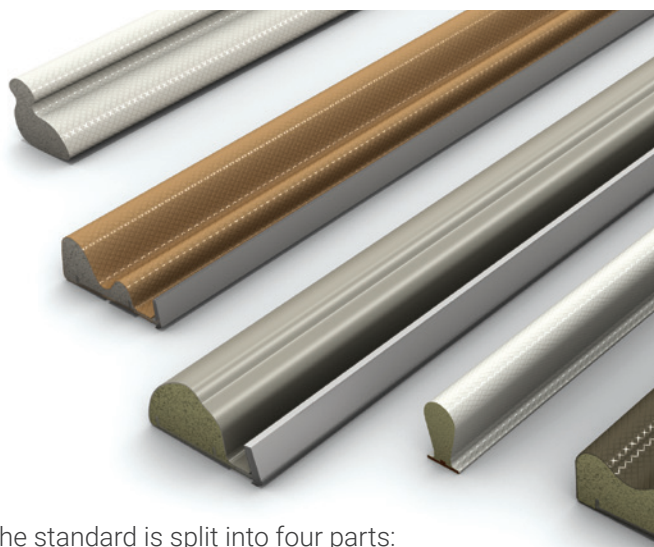
The standard includes all gasket and weatherstripping materials but does not apply to mastics, sealants, putties or other liquids, viscous or other materials extruded into their final place.

The performance of gaskets and weatherstrips is critically important to the overall performance levels of the installed window or door.

In many ways...

... THE WINDOW OR DOOR IS ONLY AS GOOD AS THE WEATHERSTRIPPING EMPLOYED...

...and therefore its classification to EN 12365 2003 should always be a factor in product selection.



The standard is split into four parts:

Part 1 – Performance requirements and classification

Part 2 – Linear compression force test method

Part 3 – Deflection recovery test method

Part 4 – Recovery after accelerated ageing test method

The most recent version of EN 12365 before the preparation of this guide was in 2003.

The standard is due for re-examination and, if required, revision. Please check to ensure that you refer to the latest revision.

Q-Lon and Aquamac foam seals are manufactured at our plants in Europe.

TESTING AND RESULTS

Specifically designed for timber windows and entry doors, Q-Lon foam seals combine the best thermal performance along with good soundproofing properties across a wide temperature range. Very low operating forces reduce wear and tear.

TECHNICAL INFORMATION

Tested temperature range	-60 °C to +70 °C - see EN12365 Classification - Reached -60° according to Russian PCT Certification
Heat conductivity	0.041 W/(m·K) at 0 °C
Acoustic testing	43 dB at a window IV68 with a centre seal 45 dB at a window IV76 with centre and overlap seals
Compatibility	compatible with PVC, no staining formation in the contact material
Exterior Liner	Polyethylene, low friction, UV stable
Melt Index Liner	Approx. 0.85 g/10 min at 190 °C, 2.16 kg mass – 2.0 MI
Thermal Conductivity Liner	0.33 W/(m·K)
Thermal Conductivity Q-Lon Seal	0.041 W/(m·K)
UV Resistance Liner	8 GJ/m ²

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Miles Nelson
Architectural Hardware est. 1928

THE CLASSIFICATIONS OF WEATHERSEALS TO EN 12365

Under EN 12365 2003 there is a prescribed classification system that enables window, door, shutter and curtain walling manufacturers or installers to ensure that they are using the component that best meets their requirements. It is important that evidence is provided and the classification of each seal demonstrated.

A SIX DIGIT SYSTEM IS USED:

1	2	3	4	5	6
Category of Use	Working Range	Linear Compression Force	Working Temperature Range	Deflection Recovery	Recovery After Ageing
W = Weatherstrip G = Gasket	9 grades showing the working range of the seal with 9 being the greatest distance	9 grades showing the linear compression force with 9 being the greatest force	6 grades showing the working temperature range each with different high and low temperatures	8 grades showing deflection recovery with grade 0 indicating no requirement and grade 7 showing the greatest recovery	8 grades showing recovery after ageing with grade 0 indicating no requirement and grade 7 showing the greatest recovery
	Grades 1: ≤ 1 mm 2: >1 mm ≤ 2 mm 3: >2 mm ≤ 4 mm 4: >4 mm ≤ 6 mm 5: >6 mm ≤ 8 mm 6: >8 mm ≤ 10 mm 7: >10 mm ≤ 15 mm 8: >15 mm ≤ 30 mm 9: >30 mm	Grades 1: ≤ 10 N/m 2: >10 N/m ≤ 20 N/m 3: >20 N/m ≤ 50 N/m 4: >50 N/m ≤ 100 N/m 5: >100 N/m ≤ 200 N/m 6: >200 N/m ≤ 500 N/m 7: >500 N/m ≤ 700 N/m 8: >700 N/m ≤ 1000 N/m 9: >1000 N/m	Grades 1: 0°C to +45°C 2: -10°C to +55°C 3: -20°C to +85°C 4: -25°C to +100°C 5: -40°C to +70°C 6: 0°C to +200°C	Grades 0: No Requirement 1: >30% to 40% 2: >40% to 50% 3: >50% to 60% 4: >60% to 70% 5: >70% to 80% 6: >80% to 90% 7: >90%	Grades 0: No Requirement 1: >30% to 40% 2: >40% to 50% 3: >50% to 60% 4: >60% to 70% 5: >70% to 80% 6: >80% to 90% 7: >90%

When assessing the performance requirement, the greater the grade does not always show the best level of performance. So, when comparing categorisations higher scores are usually better but careful analysis is required to ensure that the needs of the particular application are met.

A TYPICAL CLASSIFICATION THEREFORE TAKES THE FORM OF:

W	5	3	6	4	5
---	---	---	---	---	---

Q-LON COLOURS:

The unique Q-Lon seal is made from a special polyurethane foam, contained in a weather resistant polyethylene liner.

The standard foam colour is natural. The liner is available in the following main colours (bronze for timber applications):

≈ RAL	8019	9005	9003
Colour:			
	Bronze	Black	White

* Other configurations and colours available upon request, however minimum order quantities will apply.

Q-LON

PERFORMANCE TABLES

The methodology for the linear compression test, the deflection recovery test and the recovery after ageing test are all described in EN 12365 2003 parts 2, 3 and 4. All testing should be carried out by an accredited test facility. The testing facilities at SchlegelGiesse in Hamburg are accredited by ift Rosenheim.

Q-LON CLASSIFICATION TO EN 12365 2003

QL 1026	W	2	6	2	7	6	QL 3104	W	4	4	2	7	5	QL 5694	W	4	3	2	6	6
QL 1032	W	3	5	2	7	6	QL 3106	W	2	5	2	7	6	QL 57700	W	2	5	2	6	6
QL 3004	W	2	6	2	7	6	QL 3109	W	4	3	2	7	6	QL 5878	W	2	5	2	4	6
QL 3005 / AQ 63	W	3	5	2	6	6	QL 3110	W	2	5	2	6	6	QL 5985	W	2	4	2	7	6
QL 3006	W	6	2	2	7	6	QL 3111	W	3	5	2	5	6	QL 60	W	3	5	2	7	6
QL 3009 / AQ21	W	3	2	2	6	6	QL 3113	W	3	5	2	6	6	QL 6493	W	1	5	2	7	6
QL 3011	W	3	5	2	7	6	QL 3116	W	3	4	2	6	6	QL 6571	W	3	5	2	6	6
QL 3012	W	4	5	2	7	6	QL 3117	W	2	3	2	6	6	QL 6750	W	3	4	2	6	6
QL 3015 / AQ 122	W	2	5	2	7	6	QL 3118	W	3	1	2	7	6	QL 69400	W	1	5	2	5	6
QL 3013 / AQ 48	W	1	5	2	7	6	QL 3121	W	3	2	2	6	6	QL 69447	W	3	3	2	6	6
QL 3020	W	4	4	2	6	6	QL 3122	W	1	7	2	7	6	QL 69510	W	1	5	2	4	6
QL 3021	W	3	5	5	6	5	QL 3124	W	1	6	2	7	6	QL 69650	W	1	5	2	6	6
QL 3025	W	2	5	2	6	6	QL 3126	W	1	7	2	7	6	QL 69700	W	3	3	2	7	6
QL 3034	W	3	6	2	7	6	QL 3128	W	3	2	2	6	5	QL 69750	W	2	4	2	6	6
QL 3037 / AQ 4846	W	3	5	2	6	6	QL 3130	W	3	4	2	6	6	QL 69800	W	3	4	2	6	6
QL 3042	W	2	4	2	7	6	QL 3130	W	2	4	2	6	6	QL 6991	W	2	5	2	6	6
QL 3053	W	3	5	2	6	6	QL 3131	W	2	5	2	6	6	QL 69950	W	3	4	2	6	6
QL 3054	W	3	5	2	7	6	QL 3137	W	2	5	2	7	6	QL 7000	W	5	2	2	6	6
QL 3056	W	3	4	2	7	5	QL 3138	W	2	5	2	7	6	QL 7032	W	3	4	2	6	6
QL 3059	W	3	3	2	6	5	QL 3139	W	3	1	2	7	6	QL 7066	W	3	3	2	6	6
QL 3061	W	3	3	2	6	6	QL 3140	W	3	5	2	6	6	QL 7307	W	3	5	2	7	6
QL 3063	W	3	6	2	6	6	QL 3141	W	2	4	2	5	5	QL 836	W	3	3	2	6	6
QL 3067	W	3	5	2	7	6	QL 3143	W	2	6	2	7	5	QL 9005	W	2	4	2	6	6
QL 3068	W	3	5	2	7	5	QL 3147	W	3	4	2	6	6	QL 9100	W	3	5	2	7	6
QL 3070	W	2	5	2	6	6	QL 3150	W	3	3	2	6	6	QL 9111	W	3	4	2	6	6
QL 3072	W	2	4	2	6	5	QL 3151	W	3	3	2	6	6	QL 9112	W	3	5	2	7	6
QL 3073	W	4	4	2	7	5	QL 3152	W	3	3	2	6	6	QL 9154	W	3	5	2	6	6
QL 3074	W	2	6	2	7	6	QL 4465	W	2	5	2	6	6	QL 9257	W	3	3	2	7	6
QL 3076	W	3	4	2	6	6	QL 45	W	2	7	2	7	6	QL 9489	W	2	6	2	7	6
QL 3078	W	3	3	2	6	6	QL 48400	W	1	6	2	6	6	QL 9536	W	4	3	2	7	6
QL 3079	W	2	4	2	6	6	QL 48447	W	3	3	2	6	6	QL 9596	W	2	6	2	7	6
QL 3082	W	3	5	2	7	5	QL 48510	W	1	5	2	5	6	QL 9646	W	3	5	2	7	6
QL 3091	W	4	4	2	6	5	QL 48650	W	2	5	2	5	6	QL 9608	W	3	3	2	7	6
QL 3093	W	4	4	2	6	6	QL 4870	W	2	3	2	6	6	QL 9613	W	3	3	2	7	6
QL 3094	W	3	2	2	6	5	QL 48700	W	3	3	2	7	6	QL 9688	W	3	3	2	7	6
QL 3095	W	3	2	2	7	5	QL 48750	W	2	5	2	6	6	QL 9710	W	3	5	2	6	6
QL 3096	W	3	3	2	6	5	QL 48800	W	3	4	2	7	6	QL 9756	W	2	5	2	7	6
QL 3097	W	3	5	2	6	6	QL 48950	W	3	4	2	6	6	QL 9762	W	3	5	2	7	6
QL 3098	W	3	3	2	6	6	QL 50	W	2	5	2	7	6	QL 9898	W	3	5	2	7	6
QL 3099	W	3	3	2	6	6	QL 5271	W	2	5	2	6	6	QL 9915	W	2	5	2	6	6
QL 3101	W	3	5	2	7	6	QL 55	W	2	5	2	6	6	QL 9926	W	3	3	2	7	6
QL 3102	W	3	3	2	6	6	QL 5570	W	2	4	2	6	6	QL 9928	W	3	4	2	7	6
QL 3103	W	3	5	2	6	6	QL 5626	W	3	3	2	5	6	QL 9985	W	3	5	2	7	6

*Please note not all items in this table are stocked locally

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Year
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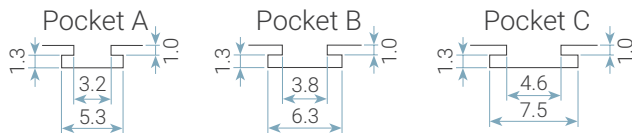
Q-LON FOAM SEALS: ALUMINIUM WINDOWS AND DOORS

The variety of flexible shapes and different colours makes these Q-Lon profiles particularly suited for sealing applications in window covering products such as roller shutters and screens. Fitted into aluminium head boxes, side guiding channels or bottom bars, Q-Lon polyurethane foam seals minimise light and air leaks, limit contamination and provide long lasting noise dampening effects.

FOAM SEALS



T-Slot dimensions



FOR ALUMINIUM APPLICATIONS

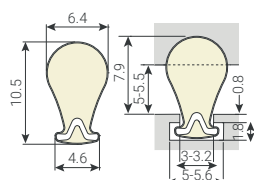
QL 46105 (OVERLAP SEALS)

Throat width: 3 - 3.2

Groove width: 5 - 5.6

Seal gap: 5 - 5.5

Packaging: 250 m x 2



Stocked item

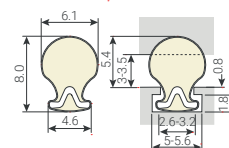
QL 46800 (OVERLAP SEALS)

Throat width: 2.6 - 3.2

Groove width: 5 - 5.6

Seal gap: 3 - 3.5

Packaging: 250 m x 2



Stocked item

FOR ALUMINIUM APPLICATIONS

QL 4870 (T-LIP)

T-slot type: A (5.3 mm)

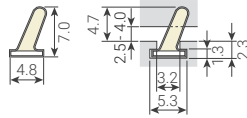
Throat width: 3.2

Min. slot depth: 2.3

Seal gap: 2.5 - 4.0

Packaging: 250 m x 2

W23266 Stocked item



QL 48100 (T-LIP)

T-slot type: A (5.3 mm)

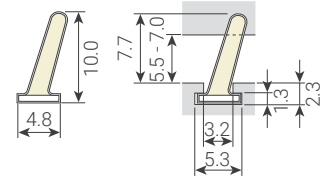
Throat width: 3.2

Min. slot depth: 2.3

Seal gap: 5.5 - 7.0

Packaging: 250 m x 2

Stocked item



QL 48400

T-slot type: A (5.3 mm)

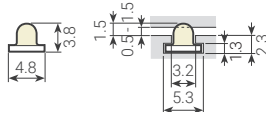
Throat width: 3.2

Groove depth: 2.3

Seal gap: 1.1 - 2.4

Packaging: 200 m x 2

W16266 Stocked item



QL 48447

T-slot type: A (5.3 mm)

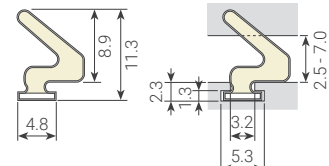
Throat width: 3.2

Groove depth: 2.3

Seal gap: 2.5 - 7.0

Packaging: 250 m x 2

Made to order



QL 48510

T-slot type: A (5.3 mm)

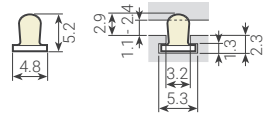
Throat width: 3.2

Groove depth: 2.3

Seal gap: 1.1 - 2.4

Packaging: 200 m x 2

W15256 Stocked item



QL 48650

T-slot type: A (5.3 mm)

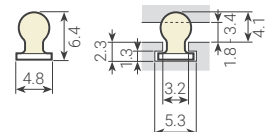
Throat width: 3.2

Groove depth: 2.3

Seal gap: 1.8 - 3.4

Packaging: 200 m x 2

Stocked item



QL 48700

T-slot type: A (5.3 mm)

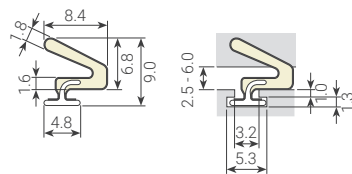
Throat width: 3.2

Groove depth: 2.3

Seal gap: 2.5 - 6.0

Packaging: 250 m x 2

W15256 Stocked item



QL 48750

T-slot type: A (5.3 mm)

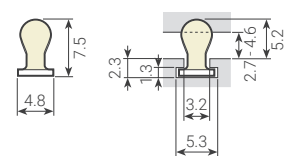
Throat width: 3.2

Groove depth: 2.3

Seal gap: 2.7 - 4.6

Packaging: 200 m x 2

Stocked item



QL 48800 (AQ437B48)

T-slot type: A (5.3 mm)

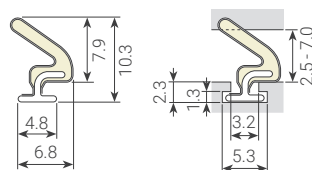
Throat width: 3.2

Groove depth: 2.3

Seal gap: 2.5 - 7.0

Packaging: 250 m x 2

W34276 Stocked item



QL 48950

T-slot type: A (5.3 mm)

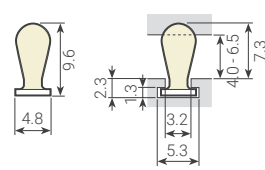
Throat width: 3.2

Groove depth: 2.3

Seal gap: 4.0 - 6.5

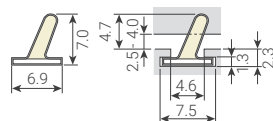
Packaging: 200 m x 2

Stocked item



QL 6970 (T-LIP)

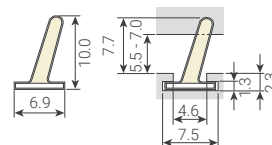
T-slot type: C (7.5 mm)
Throat width: 4.6
Min. slot depth: 2.3
Seal gap: 2.5 - 4.0
Packaging: 250 m x 2



Stocked item

QL 69100 (T-LIP)

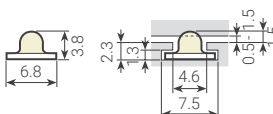
T-slot type: C (7.5 mm)
Throat width: 4.6
Min. slot depth: 2.3
Seal gap: 5.5 - 7.0
Packaging: 250 m x 2



W33276 Stocked item

QL 69400

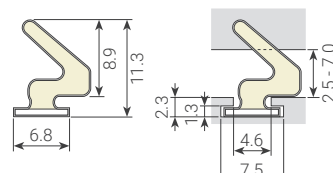
T-slot type: C (7.5 mm)
Throat width: 4.6
Groove depth: 2.3
Seal gap: 0.5 - 1.5
Packaging: 700 m x 2



W15256 Stocked item

QL 69447

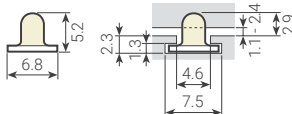
T-slot type: C (7.5 mm)
Throat width: 4.6
Groove depth: 2.3
Seal gap: 2.5 - 7.0
Packaging: 250 m x 2



W33266 Made to order

QL 69510

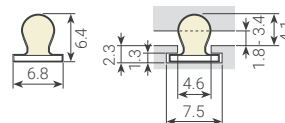
T-slot type: C (7.5 mm)
Throat width: 4.6
Groove depth: 2.3
Seal gap: 1.1 - 2.4
Packaging: 700 m x 2



W15246 Stocked item

QL 69650

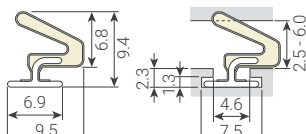
T-slot type: C (7.5 mm)
Throat width: 4.6
Groove depth: 2.3
Seal gap: 1.8 - 3.4
Packaging: 600 m x 2



W15266 Stocked item

QL 69700

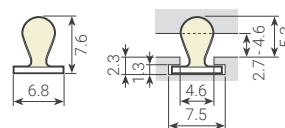
T-slot type: C (7.5 mm)
Throat width: 4.6
Min. slot depth: 2.3
Seal gap: 2.5 - 6.0
Packaging: 250 m x 2



W33266 Made to order

QL 69750

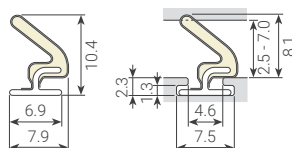
T-slot type: C (7.5 mm)
Throat width: 4.6
Groove depth: 2.3
Seal gap: 2.7 - 4.6
Packaging: 500 m x 2



W24266 Stocked item

QL 69800

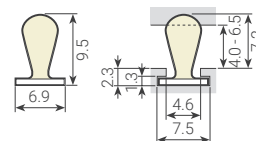
T-slot type: C (7.5 mm)
Throat width: 4.6
Groove depth: 2.3
Seal gap: 2.5 - 7.0
Packaging: 305 m x 2



W34266 Stocked item

QL 69950

T-slot type: C (7.5 mm)
Throat width: 4.6
Groove depth: 2.3
Seal gap: 4.0 - 6.5
Packaging: 350 m x 2



W34266 Stocked item



Year
Guarantee

Q-LON FOAM SEALS: TIMBER WINDOWS AND DOORS

- Efficient processing – right from the coil, no waste
- Compatible with all paints and glazing, including acrylic paints
- Available colours: white, black and bronze
- Other colours available on request

FOAM SEALS



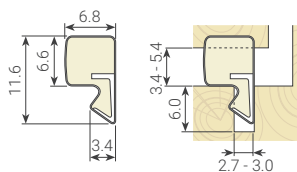
SCHLEGELGIESSE
TYMAN group



FOR TIMBER APPLICATIONS

QL 3005 (AQ 63)

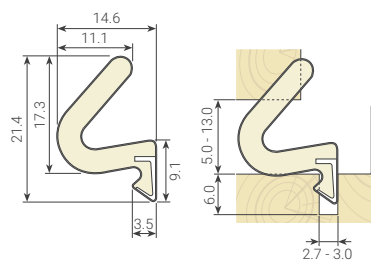
Groove width: 2.7 - 3.0
Min. groove depth: 6.0
Rebate: 8.0
Seal gap: 3.4 - 5.4
Packaging: 300 m x 2



W35266 Stocked item

QL 3006 (AQ 89)

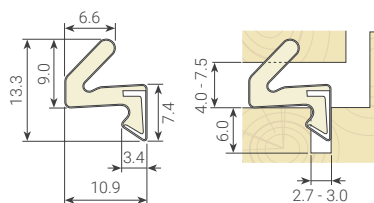
Groove width: 2.7 - 3.0
Min. groove depth: 6.0
Rebate: 13.0
Seal gap: 5.0 - 13.0
Packaging: 2.1 m lengths



W62276 Stocked item

QL 3009 (AQ 21)

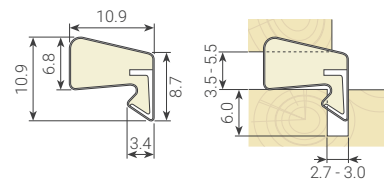
Groove width: 2.7 - 3.0
Min. groove depth: 6.0
Rebate: 11.0
Seal gap: 4.0 - 7.5
Packaging: 250 m x 2



W32266 Stocked item

QL 3011 (AQ 109)

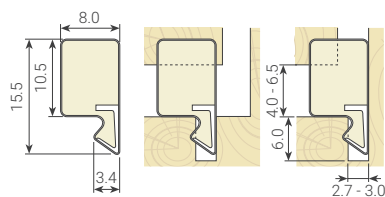
Groove width: 2.7 - 3.0
Min. groove depth: 6.0
Rebate: 10.0
Seal gap: 3.5 - 5.5
Packaging: 250 m x 2



W35276 Stocked item

QL 3012 (AQ 33)

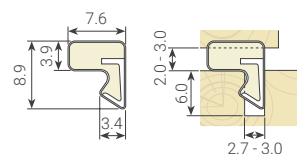
Groove width: 2.7 - 3.0
Min. groove depth: 6.0
Rebate: 11.0
Seal gap: 4.0 - 6.5
Packaging: 200 m x 2



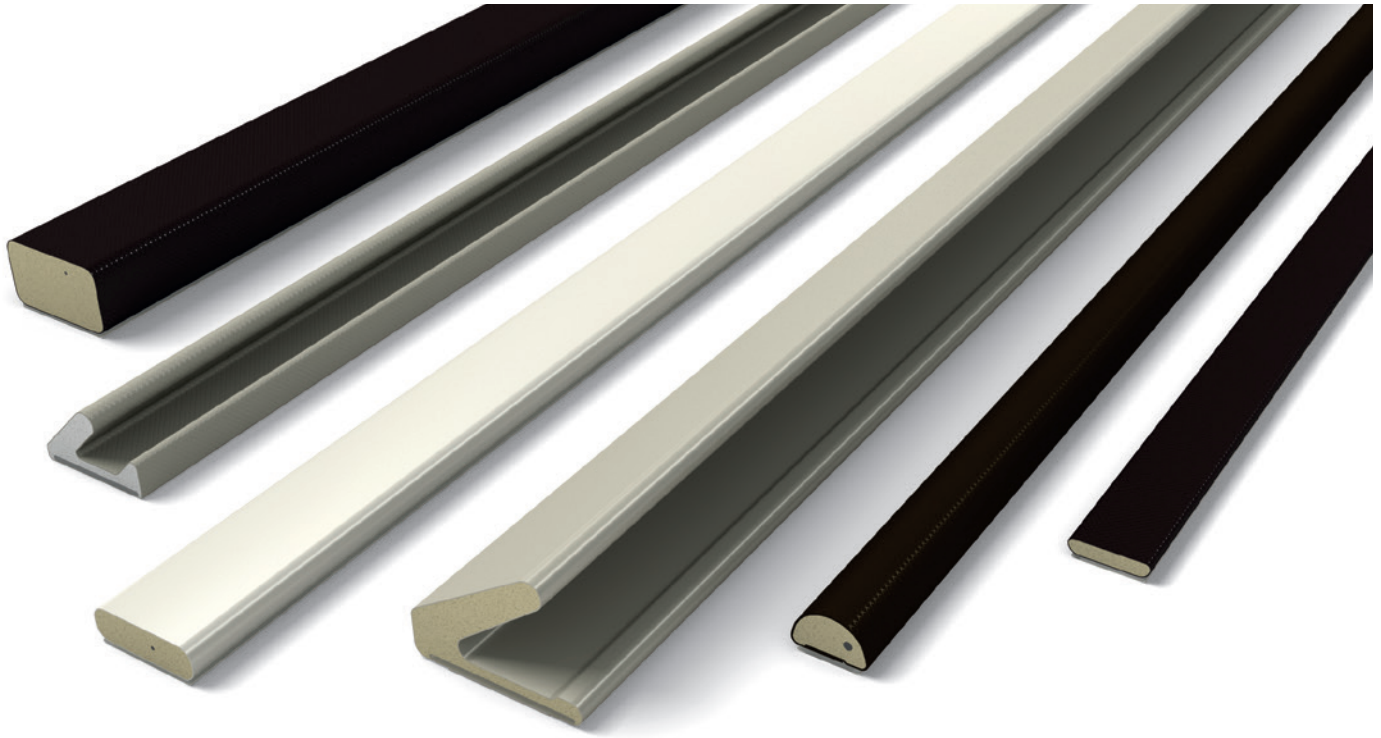
W45276 Stocked item

QL 3013 (AQ 48)

Groove width: 2.7 - 3.0
Min. groove depth: 6.0
Rebate: 8.0
Seal gap: 2.0 - 3.0
Packaging: 500 m x 2



W15276 Stocked item



Year
Guarantee

Q-LON FOAM SEALS: UNIVERSAL SURFACE FITTING

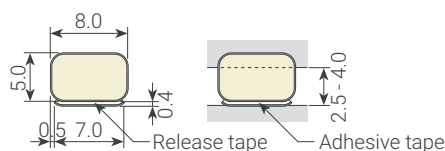
- Liner resists wear and protects against U.V. light, ozone and water
- Is not affected by paints, stains, preservatives or solvents
- Pre-applied adhesive tape gives firm fixing to both metal and wood
- Quick installation, no need to wait for curing time
- Very effective barrier against air and water infiltration
- Easy to clean
- Non shrink
- Available colours: white, black, bronze
- Other configurations and colours available upon request



SCHLEGELGIESSE
TYMAN group

FOR UNIVERSAL SURFACE FITTING

ZERO GAP (QL 3015) TAPED

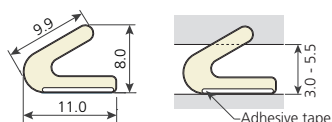


Width: 8.0
Height: 5.0
Rebate: 8.0
Seal gap: 2.5 - 4.0

W25276 Stocked item

Code	Colour	M per Reel
ZG25B	Black	25
ZGW25	White	25
ZG50B	Black	50
ZGW50	White	50
ZG100B	Black	100
ZG100	White	100
ZG500	White	500
ZG500	Black	500

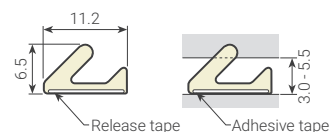
QL 3116 TAPED



Width: 10.8
Height: 8.7
Rebate: 11.0
Seal gap: 3.0 - 5.5
Packaging: 300 m x 2

W34266 Stocked item

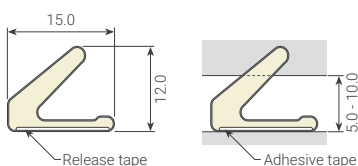
QL 3117 TAPED



Width: 11.2
Height: 6.5
Rebate: 11.0
Seal gap: 3.0 - 5.5
Packaging: 400 m x 2

W23266 Made to order

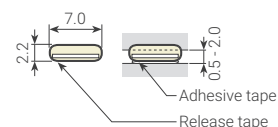
QL 3121 TAPED



Width: 15.0
Height: 12.0
Rebate: 15.0
Seal gap: 5.0 - 10.0
Packaging: 225 m x 2

W32266 Made to order

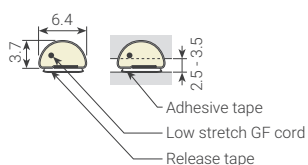
QL 3122 TAPED



Width: 7.0
Height: 2.2
Rebate: 7.0
Seal gap: 0.5 - 2.0
Packaging: 200 m x 2

W17276 Made to order

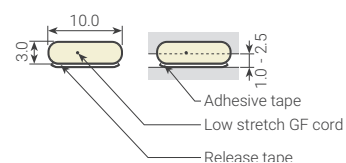
QL 3124 TAPED



Width: 6.4
Height: 3.7
Rebate: 6.0
Seal gap: 2.5 - 3.5
Packaging: 1000 m x 2

W16276 Made to order

QL 3126 TAPED



Width: 10.0
Height: 3.0
Rebate: 10.0
Seal gap: 1.0 - 2.5
Packaging: 700 m x 2

W17276 Made to order

DISTRIBUTED IN NEW ZEALAND BY:

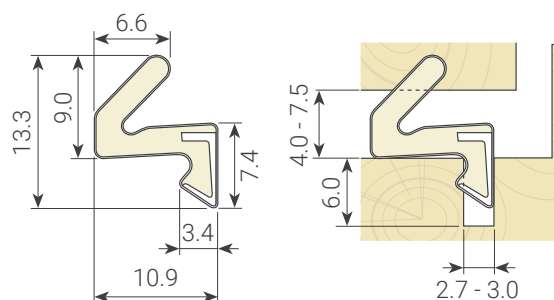
Miles Nelson
Architectural Hardware est. 1928

AQ21FR: INTUMESCENT FOAM SEAL

Code	Colour	Seal gap (mm)	M per Reel
AQ21BFR	Black	4.00 - 7.50	250

* FR = Intumescent foam

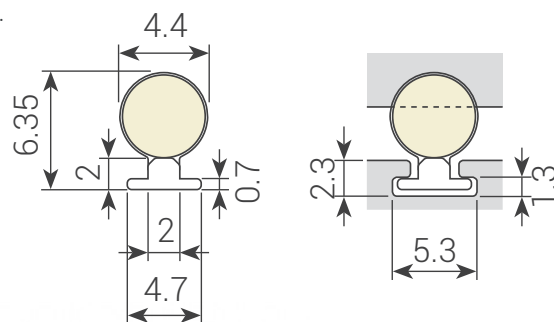
AQ21BFR with intumescent foam meets AS3959 BAL40 DTS seal requirement of flammability not greater than 5.



FT32001: FOAM-TITE

100% closed cell to prevent water from penetrating foam structure. Extruded skin provides a unique UV resistant barrier with design features that enhance the weather strip's sealing performance.

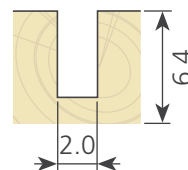
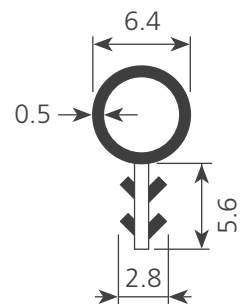
Code	Colour	Compression	M per Reel
FT32001B	Black	25 - 50%	762



AP425:

APTUS

Code	Colour	Seal gap (mm)	M per Reel
AP425BLK	Black	0.5 - 5.9	382
AP425BE	Beige	0.5 - 5.9	382

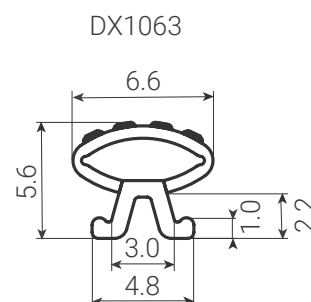
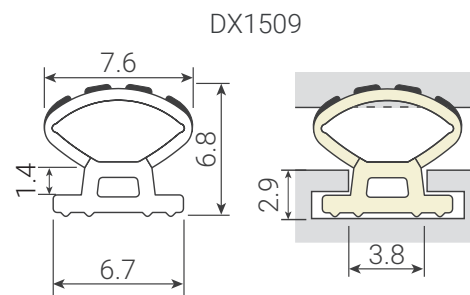


DX1509 & DX1063:

FOR SLIDING APPLICATIONS

The special geometry and material properties of the DX sliding seals give the window or door an optimum insulation to the atmospheric agents, providing excellent resistance to air, water and wind. The seal allows the fluid movement of the door, minimising friction during sliding, thanks to the use of teflon coated strips.

Code	Description	Seal gap (mm)	M per Reel
DX1509	6.7 mm Sliding Seal	3.0 - 3.5	500



DISTRIBUTED IN NEW ZEALAND BY:

Miles Nelson
Architectural Hardware est. 1928

**Miles
Nelson®**



**PROUDLY
NZ OWNED
& OPERATED**

Miles Nelson offers a complete range of commercial hardware. Stocked and distributed from our Auckland warehouse.

Founded in 1928, Miles Nelson® is one of New Zealand's most trusted hardware companies and is proud to be 100% privately New Zealand owned and operated.

Based in Auckland, Miles Nelson® distributes nationwide and internationally, and is well known for its quality product range, innovative design and commitment to customer service.

Miles Nelson's long history as a manufacturer, coupled with in house technical expertise and custom designed proprietary products means that our range is specifically designed and manufactured to suit the New Zealand market.

The use of quality materials coupled with a range of high quality finishes and a suite of styles makes the Miles Nelson® range the ideal choice for commercial and residential projects.



MNC5000 Series Wide Style Mortice Locks

25 YEAR
MILES NELSON
WARRANTY



MNC5000

SS

60mm Backset Mortice Lock

- 88mm case depth
- 8mm spindle hub, Spindle supplied
- Suits up to 55mm thick door
- 41mm centre to centre rose fixings
- 51mm centre to centre diagonal fixings
- Lever retracts latch at 33°



MNC5000ND

SS

60mm Backset Mortice Lock (No Hub Disc)

- Use with through spindle handle escutcheons
- 8mm open spindle hub
- Lever retracts latch at 33°
- No locking bar



MNC5409

SS

60mm Backset Mortice Passage Latch

- 8mm spindle hub
- Lever retracts latch at 33°
- Non locking / no deadlatch



MNC5100

SS

60mm Backset Mortice Deadbolt

- Zinc diecast body / stainless bolt



MNC5300

SS

60mm Backset Mortice Sliding Door Deadbolt

- Zinc diecast body / stainless bolt

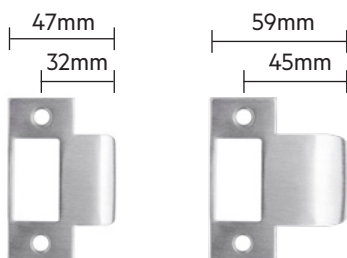


MNC5000RK

SS

Latchbolt Rebate Kit

- For 5000, 5409 and 5000ND



MNC5000-02 (Standard)
MNC5000-03 (Extended)

SS

Strike Plate

- For 5000 and 2200



MNC5100-02

SS

Deadbolt/Sliding Lock Strike

- For 5100 and 5300



MNC5100RK

SS

Deadbolt Rebate Kit

- For 5100

MNC2000 Series Narrow Style Mortice Locks

10 YEAR
MILES NELSON
WARRANTY



MNC2200

SS

23mm Backset Mortice Deadlatch

- 8mm spindle hub
- Lever retracts latch at 45°
- Comes with long faceplate
- Includes turnadaptor

MNC2200E (28mm Backset)

MNC2200EE (38mm Backset)

SS

Mortice Deadlatch

- Lever retracts latch at 33°
- 8mm spindle hub
- Comes with long faceplate
- Includes turnadaptor

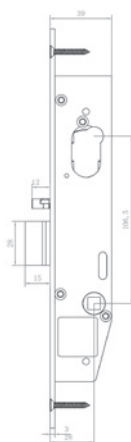
MNC2100L (Long throw)

MNC2100S (Short throw)

SS

Mortice Deadbolt

- Long throw 34mm bolt projection
- Short throw 21mm bolt projection
- 22mm backset
- Includes short and long faceplates, escutcheons and strike
- Includes 2 x cams but order key cylinders (MNC570RE) and turns (MNC590CT) separately



MNC2200EP

SS

28mm Backset Special Mortice Latch

- Adjustable 28-29mm backset
- Short case depth 39mm
- 8mm through spindle
- Lever retracts latch at 33°
- Suits card access handle escutcheons
- Non-locking lock body
- Comes with long faceplate



MNC2200/SFP (Short Face Plate)

SC

MNC2200/LFP (Long Face Plate)

SS

Face Plates

- For 2200 range
- Short face plate 155mmH x 25mmW
- Long face plate 254mmH x 25mmW

MNC2300

SS

Mortice Hook Bolt

- 28mm bolt projection with 21mm hook reach
- 22mm backset
- Includes short and long faceplates, escutcheons and strike
- Includes 2 x cams but order key cylinders (MNC570RE) and turns (MNC590CT) separately



MILES NELSON COMMERCIAL



MNC Mortice Lock Accessories

Kick Off (KO) Adaptors (Anti-lockout)

Kick off (KO) function adds a feature to the lock that makes it unable to be locked when the door is in the opened position.



MNCCK2CAM



MNCAD5200-02RH



MNCAD5200-02LH

Turn Snib Adaptors



MNCAD5000-01LH

Nightlatch and Special Classroom Adaptor

- For right hand door
- For night latch and special classroom functions
- Use with cam to unlock door and also retract latch
- For full explanation see 5208PWD
- W2CAM must be fitted upside down when turnsnib is used



MNCAD5000-01RH

Nightlatch and Special Classroom Adaptor

- For left hand door
- For night latch and special classroom functions
- Use with cam to unlock door and also retract latch
- For full explanation see 5208PWD
- W2CAM must be fitted upside down when turnsnib is used



MNCAD5200-01

Common Butterfly Adaptor

- Common turn adaptor
- Use with 5000 and 2200, 2200E locks



MNCAD5100-01

Deadlock Sliding Lock Adaptor

- Use with 5100 and 5300 locks

Oval Cylinder Cams



MNCW2CAM

- Use with turnsnib



MNCX2CAM

- Use for latch retraction only



MNCY2CAM

- Use with 5100 and 5300 deadbolts



MNCZ2CAM

- Use to lock and unlock handles with oval key or turn cylinder



MNCXZCAM

- Supplied as pair for courtroom function



MNCRECAM

- Use with 2100 and 2300 deadbolts

MNC Mortice Lock Accessories

Oval Cylinders



MNC570

MNC570KA1 (Keyed alike)

MNC570KA5 (Keyed alike)

MNC570KA10 (Keyed alike)

SC

C4 Oval Key Cylinder

- Cylinder is 34mm overall
- Includes 2 keys / Key alike includes 1 key
- Compatible with security profile plugs
- Supplied with MNCZ2CAM
- Suits up to 53mm thick door



MNC570E

MNC570EKA (Keyed alike)

SC

C4 Extended Oval Key Cylinder

- Cylinder is 41mm overall
- Includes 2 keys (C4 profile)
- Compatible with security profile plugs
- Supplied with MNCZ2CAM
- Suits 55-60mm thick door



MNC570SB

MNC570SBKA1 (Keyed alike)

C4 Oval Key Cylinder

- Satin Brass finish
- Cylinder is 34mm overall
- Great for construction cylinders
- Includes 2 keys / keyed alike includes 1 key
- Supplied with MNCZ2CAM / Keyed alike - MNCX2CAM
- Suits up to 53mm thick door

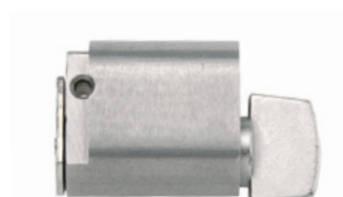


MNC570HBLH (Left hand)

MNC570HBRH (Right hand)

C4 Oval Hold Back

- Includes 2 keys (C4 profile) and cam
- Available in left or right hand
- Allows the latchbolt to be held in the opened position and the key removed



MNC590CT

Oval Thumb-Turn

SC

- Comes with MNCRECAM for use with 2100 and 2300 locks



MNC590CLT

Large Oval Thumb-Turn

SC

- Special cam, only for use with 2100 and 2300 locks
- Grub screw to change handing
- Reversible handing



MNC590E

Oval Cylinder Escutcheon Pair

SC

- Use with 2100 and 2300 locks



MNCCKBC45PIN

MNCCKBC46PIN

Key Blank

- Chrome plate brass key blanks
- 5 and 6 pin C4 profile

Oval Cylinder Ordering Guide

MNC570	supplied with Z2 cam
MNC570W2	use with turn snib
MNC570X2	use for latch retraction only
MNC570Y2	use with 5100 and 5300 bolt locks
MNC570RE	use with 2100 and 2300 bolt locks

Add 'KA' to end of product code for keyed alike. Refer to cam matrix on.

MNC Door Furniture

Wide Long Plate (Satin Chrome on Brass)

Quick Handing Change Design

Door Handle Specifications:

Base

Length: 175mm

Width: 48mm

Depth: 11.5mm

Screwfix CTC: 158mm

Screw: M4

Spindle: 7.6mm

Material: Brass

Warranty: 10 years

10 YEAR
MILES NELSON
WARRANTY



MNC154CLTLH/90 (Left hand)

MNC154CLTRH/90 (Right hand)

Note: Image shown is left hand

Internal with lever and large turn



MNC151/90 SC

External with Lever and Cylinder Hole



MNC155/90 SC

External with Lever – no Cylinder Hole



MNC101 SC

External with Cylinder Hole – no Lever



MNC105 SC

External – no Lever or Cylinder Hole



MNC1531/90 SC

External with Lever and Indicator and Release



MNC152/90 SC

Internal with Lever and Cylinder Hole



MNC156/90 SC

Internal with Lever – no Cylinder Hole



MNC154/90 SC

Internal with Lever and Turn

MNC Door Furniture

Narrow Style (Satin Chrome on brass)

Door Handle Specifications:

Base

Length: 185mm
Width: 26mm
Depth: 12.5mm

Screwfix CTC: 159mm
Spindle: 7.6mm
Screw: M4
Material: Brass
Warranty: 10 years

10 YEAR
MILES NELSON
WARRANTY



MNC151N/90 SC

External with Lever
and Cylinder Hole



MNC155N/90 SC

External with Lever –
no Cylinder Hole



MNC101N SC

External no Lever
and Cylinder Hole



MNC105N SC

External no Lever –
no Cylinder Hole



MNC152N/90 SC

Internal with Lever
and Cylinder Hole



MNC156N/90 SC

Internal with Lever –
no Cylinder Hole



MNC154N/90 SC

Internal with Lever
and Turn



MNC150SCREW

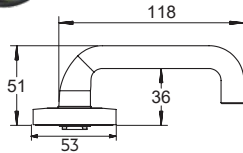
Extended Screw

- 80mm M4 SS screw (pair)
- Suits up to 65mm door
- Use with wide and narrow long plate furniture

MNC Door Furniture

Round Rose and Accessories

10 YEAR
MILES NELSON
WARRANTY



MNCR53/90

SC

53mm Round Rose Lever Pair

- Satin Chrome on brass lever
- Screw on cover
- Screw fixing centre to centre 41mm
- Takes 7.6mm spindle



MNCR53SCREW

Extended Screw

- 80mm M4SS (pair)
- Suits up to 65mm door
- Use with R53 Rose Levers and accessories
- Break off sections



MNCR53B

SC

Round Rose Blank

- Fixings included for back to back and face fixing
- For back to back fixing use with MNCR53CE
- Screw on cover



MNCR53TS

SC

Turn Snib

- Fixings included for back to back and face fixing
- For back to back fixing use with MNCR53CE / MNCR53ER / MNCR53ERIND
- Screw on cover



MNCR53TSDA

SC

Large Turn Snib

- Fixings included for back to back and face fixing
- For back to back fixing use with MNCR53CE / MNCR53ER / MNCR53ERIND
- Screw on cover



MNCR53ERIND

SC

Emergency Release (Indicating)

- Fixings included for back to back and face fixing
- For back to back fixing use with MNCR53TS or MNCR53TSDA
- Screw on cover



MNCR53ER

SC

Emergency Release (Non-Indicating)

- Fixings included for back to back and face fixing
- For back to back fixing use with MNCR53TS or MNCR53TSDA
- Screw on cover



MNCR53CE

SC

Oval Cylinder Escutcheon

- Fixings included for back to back and face fixing
- For back to back fixing use with MNCR53B or MNCR53TS or MNCR53TSDA
- Screw on cover



MNCSPINDLE

Spindle

- Stepped 7.6mm to 8mm spindle
- Suits all MNC locks and furniture on doors up to 60mm thick
- Supplied as a pair with springs
- Included with MNC5000 and MNC2200 locks



MNCR53TL

Tubular Latch

- 7.6mm spindle
- Includes Strike



MNCR53TB

Tubular Bolt

- Takes a 6mm x 2mm flat spindle
- Includes Strike

MNC Door Closers

The hydraulic 8000 series door closers are an aluminium body with a silver finish and have a 10 year warranty. Products on this page with the fire icon have been tested on a range of timber and mineral core approved fire doors. Contact Miles Nelson for more information or check door manufacturers approved lists.

10 YEAR
MILES NELSON
WARRANTY



MNC8404BC/DA

SC

EN3 – 4 Closer

- Adjustable back check/delay action function
- Includes parallel fixing bracket
- Adjustable closing and latching speeds
- Spare magnetic trim cover (MNC8404CP)



MNC8626BC/DA

SC

EN2 – 6 Closer (adjustable)

- Adjustable back check/delay action function
- Includes parallel fixing bracket
- Adjustable closing and latching speeds
- Spare magnetic trim cover (MNC8626CP)



MNCD002

SS

Door Selector

- For double doors
- Allow self latching doors to close in correct sequence
- Fixings included
- 300mm length



MNC8000DP

SC

Drop Plate

- Suits 8404 and 8626
- Fixings included



MNC8404HO
MNC8626HO

SC

Hold Open Arm

- MNC8404HO suits MNC8404BC/DA
- MNC8626HO suits MNC8626BC/DA
- Ball joint for positive hold open



MNC8404SA
MNC8626SA



SC

Slide Arm Kit

- MNC8404SA suits MNC8404BC/DA
- MNC8626SA suits MNC8626BC/DA
- Removable hold open feature
- Use of slide arm reduces closer power by 30%
- Fixings included

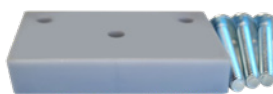


MNC8000ZB

SC

Z Bracket

- Suits 8404 and 8626
- Fixings included
- For flush mount parallel fixing

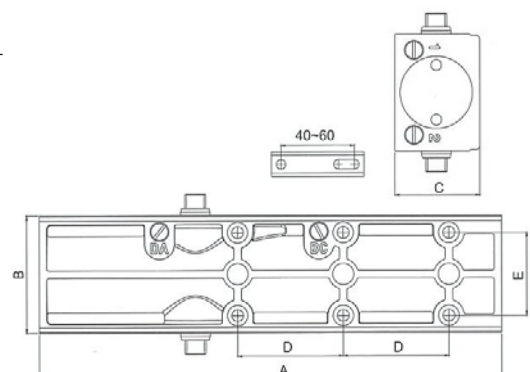


MNC8000PAP

Parallel Bracket Packer

- For use on aluminium joinery
- 10mm thick

Model	Dimension (mm)			Hole Spacing (mm)		Applicable door weight (kg)	Applicable door width (mm)	Power Size
	A	B	C	D	E			
MNC8404BC/DA	207	55	40	50	39	Up to 85	Up to 1100	3-4
MNC8626BC/DA	236	61	43	50	45	Up to 150	Up to 1400	2-6 Adjustable



MNC Door Hardware Trade Kits

- All kits are supplied with a fire rated mortice lock and forged brass door handles suitable for commercial and residential applications
- 25 year mechanical warranty on commercial mortice lock / 10 year warranty on handles
- Includes installation template and setup instructions
- Suitable for retro fitting and new installations



Trade Box Kits

Kit products are sent in a non-sealed single outer box, designed to help door by door supply.

Product Code	Description	Components	Products
MNCKITWL90CL/ST (Without cylinder) MNCKITWL90CL/ST - CYL (With cylinder)	Classroom / Storeroom Kit (non-handed)	Mortice Lock: MNC5000 Lever: MNC151/90 Lever: MNC156/90 Cylinder: MNC570 optional	   
MNCKITWL90OF (Without cylinder) MNCKITWL90OF - CYL (With cylinder)	Office Kit (non-handed)	Mortice Lock: MNC5000 Lever: MNC151/90 Lever: MNC154/90 Snib Adaptor: MNCAD5200-01 Cylinder: MNC570 optional	    
MNCKITWL90PS	Passage Kit (non-handed)	Mortice Lock: MNC5409 Lever: MNC155/90 Lever: MNC156/90	  

MNC Door Hardware Trade Kits

Product Code	Description	Components	Products
MNCKITWL90PR	Privacy Kit (non-handed)	Mortice Lock: MNC5000 Lever: MNC153I/90 Lever: MNC154/90 Snib Adaptor: MNCAD5200-01	
MNCKITWL90PRDAR	RH Privacy Disabled Access Kit	Mortice Lock: MNC5000 Lever: MNC153I/90 Lever: MNC154CLTRH/90 Snib Adaptor: MNCAD5200-01	
MNCKITWL90PRDAL	LH Privacy Disabled Access Kit	Mortice Lock: MNC5000 Lever: MNC153I/90 Lever: MNC154CLTLH/90 Snib Adaptor: MNCAD5200-01	
MNCKITWR90CL/ST (Without cylinder) MNCKITWR90CL/ST - CYL (With cylinder)	Classroom / Storeroom Rose Kit	Mortice Lock: MNC5000 Handle: MNCR53/90 Lever: MNCR53CE Cylinder: MNC570 optional	
MNCKITWR90OF (Without cylinder) MNCKITWR90OF - CYL (With cylinder)	Rose Office Kit	Mortice Lock: MNC5000 Handle: MNCR53/90 Lever: MNCR53CE Lever: MNCR53TS Snib Adaptor: MNCAD5200-01 Cylinder: MNC570 optional	
MNCKITWR90PS	Rose Passage Kit	Mortice Lock: MNC5409 Handle: MNCR53/90	
MNCKITWR90PR	Rose Privacy Kit	Mortice Lock: MNC5000 Handle: MNCR53/90 Lever: MNCR53ERIND Lever: MNCR53TS Snib Adaptor: MNCAD5200-01	
MNCKITWR90PRDA	Rose Privacy Disabled Access Kit	Mortice Lock: MNC5000 Handle: MNCR53/90 Lever: MNCR53ERIND Lever: MNCR53TS Snib Adaptor: MNCAD5200-01	

Other Miles Nelson Products



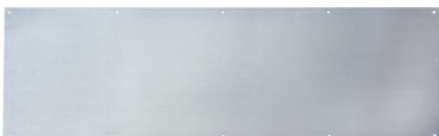
Kick Plates



Kick Plate 200mm

- 304 grade stainless steel
- 200mmH
- Suitable for commercial applications
- Pre-drilled and countersunk holes
- Stainless steel screws supplied

Door size	Plate Width		
610mm	585mm	500KP610-200	SS
710mm	685mm	500KP710-200	SS
760mm	735mm	500KP760-200	SS
810mm	785mm	500KP810-200	SS
860mm	835mm	500KP860-200	SS
910mm	885mm	500KP910-200	SS



Kick Plate 300mm

- 304 grade stainless steel
- 300mmH
- Suitable for commercial applications
- Pre-drilled and countersunk holes
- Stainless steel screws supplied

Door size	Plate Width		
610mm	585mm	501KP610-300	SS
710mm	685mm	501KP710-300	SS
760mm	735mm	501KP760-300	SS
810mm	785mm	501KP810-300	SS
860mm	835mm	501KP860-300	SS
910mm	885mm	501KP910-300	SS



Push Plate 300mm

- Blank (not engraved) push plate
- Suitable for commercial applications
- 300mmH
- Brushed 304 grade stainless steel
- Fixings supplied

300mm	502PP300-100	SS
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Engraved Push Plate 300mm

- Engraved push plate
- Suitable for commercial applications
- 300mmH
- Brushed 304 grade stainless steel
- Fixings supplied

300mm	502PPENGR	SS
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Engraved Pull Plate with Handle 300mm

- Engraved pull plate
- Suitable for commercial applications
- 300mmH
- Brushed 304 grade stainless steel
- Fixings supplied

300mm	502PPENGRH	SS
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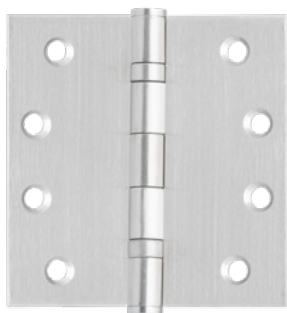
Round Sign

- 'Push' sign for restroom doors
- Round 75mm diameter
- Suitable for commercial applications
- Brushed 304 grade stainless steel
- Fixings supplied

Baby Change	503PPTBC	SS
Wheelchair Accessible	503PPTDIS	SS
Men	503PPTM	SS
Men/Women	503PPTM/W	SS
Women	503PPTW	SS
Pull	503PULPR	SS
Push	503PUSPR	SS

Other Miles Nelson Products

Hinges (All components are 304SS for the stainless hinges)



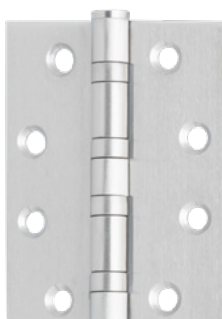
QUALITY STAINLESS STEEL

100 x 100mm

- Fixed pin
- Ball bearing hinge
- Size: 100mmH x 100mmW x 2.5mmD
- 304 grade stainless steel

520SSH100100

SS



QUALITY STAINLESS STEEL

100 x 75mm

- Fixed pin
- Ball bearing hinge
- Size: 100mmH x 100mmW x 2.5mmD
- 304 grade stainless steel

520SSH10075304S

SS



QUALITY STAINLESS STEEL

100 x 75mm

- Fixed pin
- Ball bearing hinge
- Size: 100mmH x 100mmW x 2.5mmD
- 304 grade stainless steel

520SSH10075R

SS



QUALITY STAINLESS STEEL

100 x 70mm

- Fast fix flush
- Fixed pin
- Sinter bearing hinge
- Size: 100mmH x 70mmW x 2.5mmD
- 304 grade stainless steel

981071FFBSS

SS

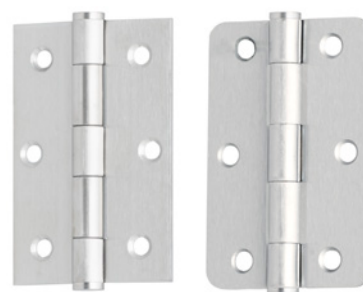


110 x 70mm

- Fast fix flush
- Fixed pin
- Size: 110mmH x 70mmW x 4mmD
- Aluminium

520ALU11070H

SA



QUALITY STAINLESS STEEL

90 x 60mm

- Fixed pin
- Size: 90mmH x 60mmW x 2mmD
- 304 grade stainless steel

520SS9060 (square)

SS

520SSH9060R (radius)

SS

Other Miles Nelson Products

Door Accessories



QUALITY STAINLESS STEEL

One Piece Auto Door Holder

- Stainless Steel
- Suitable for doors with door closers: foot operated
- Uses the weight of the door to hold open

807SN

SS



Pedestal Door Holder

- Aluminium satin chrome anodised
- Height 280mm
- Upstand 50mm x 50mm
- Base 90mm x 90mm

Pedestal including
277SC Auto Latch
back

618SC

SC

Pedestal including
600SC Manual
Latch back

619SC

SC



Heavy Duty Latch Back Wall Mount Door Stop

- Heavy duty suitable for commercial and exterior use
- Forged brass
- Latch Base size 46mmW x 70mmH
- Keeper plate 40mmW x 64mmL
- Self latching

608SCW

SC

B D BRASS
LIFETIME
GUARANTEE



Mantis Latching Door Stop Floor Mount

- Forged brass
- Latch height 125mmH
Base size 42mmW x 55mmL
- Keeper plate 40mmW x 40mmL
- Self latching with foot release
- Fixings supplied

609SC

SC

609SG

SG

B D BRASS
LIFETIME
GUARANTEE

DESIGNED BY
MILES NELSON



Mantis Latching Door Stop Wall Mount

- Forged brass
- Latch Base size 40mmW x 60mmH
- Keeper plate 40mmW x 40mmL
- Self latching with foot release
- Fixings supplied
- Attached length base to base: 80mm

609SCWM

SC

609SGWM

SG

B D BRASS
LIFETIME
GUARANTEE

DESIGNED BY
MILES NELSON



Heavy Duty Latch Back Floor Mount Door Stop

- Forged brass
- Heavy duty suitable for commercial and exterior use
- Latch height 90mm (145mm for 608SC150)
Base size 46mmW x 70mmL
- Keeper plate 40mmW x 64mmL
- Self latching with foot release

608SC

SC

608PB

MB

608SC150

SC

B D BRASS
LIFETIME
GUARANTEE

DESIGNED BY
MILES NELSON

Other Miles Nelson Products

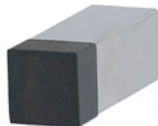
Door Accessories



Round Base Latching Door Stop Wall Mount

- Fixings supplied
- Swivelling latch

Length 80mm Base size 45mm	600SC	SC
	600PW	PW
	600PB	MB
	600RM	RW



QUALITY
STAINLESS
STEEL

Stainless Steel Rectangular Wall Mount

- Concealed fixing
- Fixings supplied

Length 70mm Base size 25mm	601SS	SS
Length 100mm Base size 25mm	601SS100	SS



B D
BRASS
LIFETIME
GUARANTEE

Round Base Rounded Tip Wall Mount

- Forged brass
- Pinned rubber tip
- Fixings supplied

Length 90mm Base size 43mm	204SC	SC
	204SG	SG



Door Stop and Hook

- Fixings supplied

Length 90mm Base size 40mm	702SC	SC
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QUALITY
STAINLESS
STEEL

Door Stop

- Stainless door stop with coat hook pin
- Door must be minimum 20mm thick
- 53mm projection

223SS	SS
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QUALITY
STAINLESS
STEEL

Door Stop and Hook

- Concealed fixing
- Fixings supplied
- Centre door fix

Length 95mm Base size 50mm	604SS	SS
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Round with Surround Buffer Floor Mount

- Aluminium
- Suits concrete and timber floors

8mm Dynabolt and M8 Hanger Bolt Height 38mm Base size 37mm	207SC	SC
6mm Dynabolt and woodscrew Height 38mm Base size 37mm 2 piece	207SC2	SC
8mm Dynabolt and M8 Hanger Bolt Height 60mm Base size 37mm	207BS60	SC



Contemporary Triangular Base Floor Mount

- Zinc diecast
- Fixings supplied, 3 fixing points

48mm overall height 26mm from base to middle of rubber Base size 62mm x 52mm	98725SC	SC
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Hook

- Fixings supplied
- Aluminium

273SC	SC
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Other Miles Nelson Products

Pull Handles (All handles include nylon buffers and 12mm bushes for glass mount)



M1

- 316 grade stainless steel tube
- Back to back pair
- Fixings supplied
- Suits door thickness: 40mm-52mm

Size: 300mm C/C: 260mm	781SS300	SS
Size: 450mm C/C: 410mm	781SS450	SS
Size: 600mm C/C: 560mm	781SS600	SS
900mm C/C: 860mm	781SS900	SS
1200mm C/C: 1160mm	781SS1200	SS

316 MARINE GRADE STAINLESS STEEL



M1

- 316 grade stainless steel tube
- Back to back pair
- Fixings supplied
- Suits door thickness: 40mm-52mm
- Electroplated

600mm C/C: 560mm	781SS600BLK	MB
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316 MARINE GRADE STAINLESS STEEL

DURABLE ELECTROPLATED FINISH



M1

- 316 grade stainless steel tube
- Back to back pair
- Fixings supplied
- Suits door thickness: 40mm-52mm
- Electroplated

600mm C/C: 560mm	781SG600	SG
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316 MARINE GRADE STAINLESS STEEL

DURABLE ELECTROPLATED FINISH



M2

- 316 grade stainless steel tube
- Back to back pair
- Fixings supplied
- Suits door thickness: 40mm-52mm

Size: 300mm C/C: 250mm	782SS300	SS
Size: 450mm C/C: 400mm	782SS450	SS
Size: 600mm C/C: 550mm	782SS600	SS
900mm C/C: 850mm	782SS900	SS

316 MARINE GRADE STAINLESS STEEL



M3 Offset

- 316 grade stainless steel tube
- Back to back pair
- Fixings supplied
- Suits door thickness: 40mm-52mm

Size: 600mm C/C: 575mm	783SS600	SS
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316 MARINE GRADE STAINLESS STEEL



M3 Torch

- 316 grade stainless steel tube
- Back to back pair
- Fixings supplied
- Suits door thickness: 40mm-52mm

Size: 530mm C/C: 250mm	784SS	SS
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316 MARINE GRADE STAINLESS STEEL



M3 Round

- 316 grade stainless steel tube
- Back to back pair
- Fixings supplied
- Suits door thickness: 40mm-52mm

Size: 450mm C/C: 300mm	785SS450	SS
600mm C/C: 450mm	785SS600	SS

316 MARINE GRADE STAINLESS STEEL



M3 Square

- 316 grade stainless steel tube
- Back to back pair
- Fixings supplied
- Suits door thickness: 40mm-52mm

Size: 450mm C/C: 300mm	786SS450	SS
600mm C/C: 450mm	786SS600	SS

316 MARINE GRADE STAINLESS STEEL



Euro Mortice Lock

- Stainless steel faceplate
- 85mm centre spindle to centre keyway

60mm Backset 716SS60 SS

45mm Backset 716SS45 SS

Rebate Kit 720SS SS



Latch Turn Kits

- Double turns and tubular latch
- Can work with pull handle and deadbolt to latch door shut
- 60mm backset

Square 719SSN SN

719SSG SG

719BLK MB

Round 719RSN SN

719RSG SG

719RBLK MB



*Note: Face and striker plates only supplied as stainless steel

Pull handle lock kit

- 11mm protruding escutcheons / suits up to 49mm thick door when used with 70mm euro cylinder
- Provides a secure latch with turns both sides for doors with pulls
- Corrosion resistant stainless faceplate
- Order euro cylinder separately
- 60mm back set / 85mm centre to centre

Square 716SNSLK60 SN

716SGSLK60 SG

716BLKSLK60 MB

Round 716SNRLK60 SN

716SGRLK60 SG

716RBLK60 MB



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