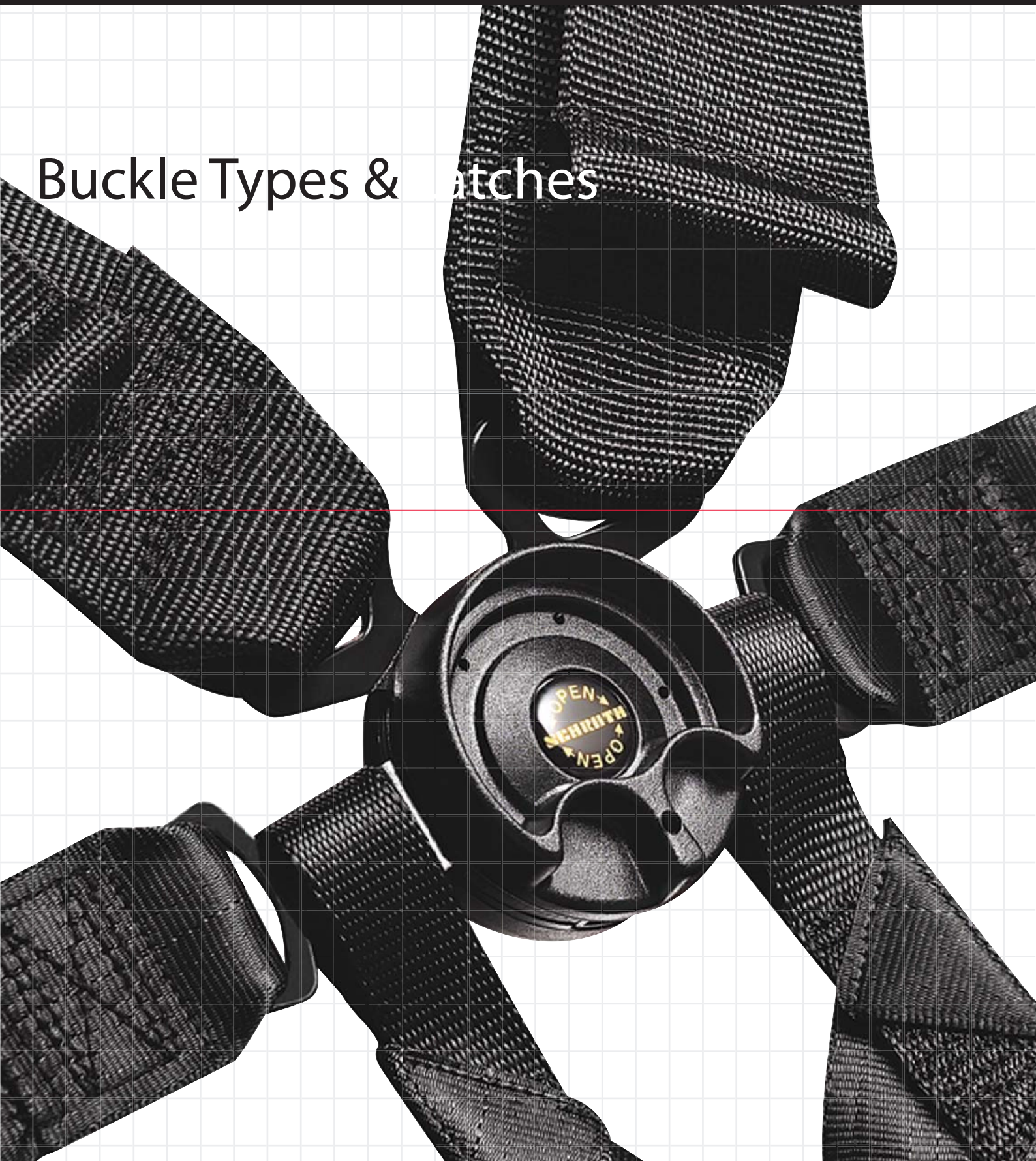


Buckle Types &atches



ROTARY BUCKLES

The patented Regressive Force Release (RFR) buckle is one of the most robust and lightest buckles available. The housing is made from impact resistant Polycarbonate. A fixed point on lap, crotch or shoulder belts is possible.

BK SL 10 – Low profile cover with multi-grip release surface.

BK SL 12 – Protected cover with integrated finger release surface.

ROTARY BUCKLES WITH INDEPENDENT SHOULDER BELT RELEASE

These are identical to the SL 10 and SL 12 Rotary Buckles, with an additional option to independently release the shoulder belts. An additional lever integrated into the top of the buckle releases the two shoulder belts, leaving the lap belt attached for extra mobility and comfort when needed.

BK SL 11 – Low profile cover with multi-grip release surface.

BK SL 14 – Protected cover with integrated finger release surface.

DUAL MOTION - ROTARY BUCKLE

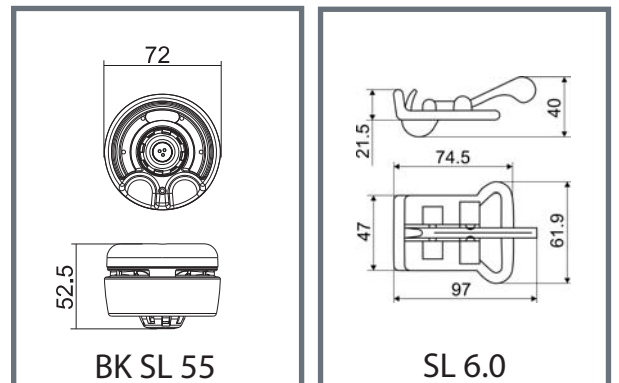
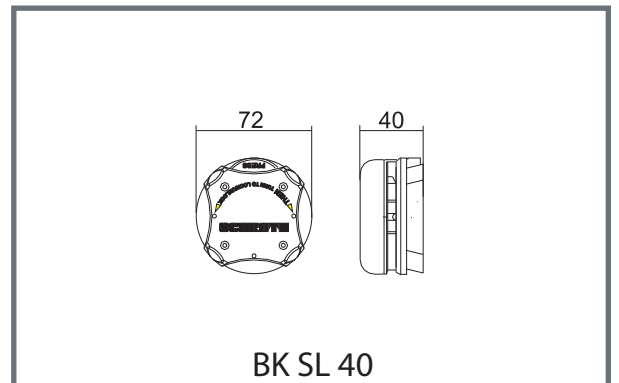
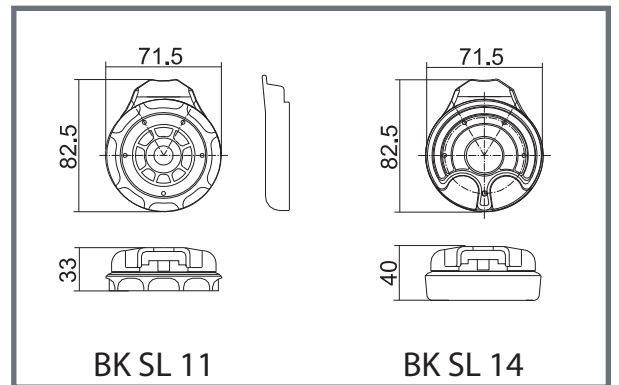
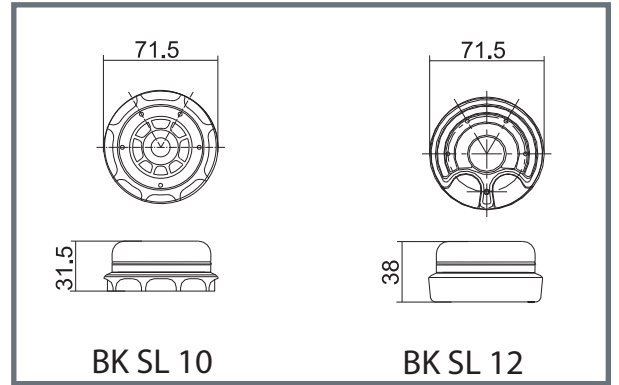
BK SL 40 – Through two separate motions (push, then turn), this dual motion rotary buckle provides additional safety to prevent accidental opening of the restraint system during use.

WATER ACTIVATED BUCKLE (WAB)

BK SL 55 – The Water Activated Buckle is a variation of the patented RFR rotary buckle. The buckle is designed to sense full immersion in water, and automatically release the buckle after a pre-determined time frame.

LATCH LINK

SL 6.0 – This robust hook-type buckle system is developed for off-road motorsport. Ideal for use in sandy, dusty or muddy environments.



BAE Systems SCHROTH® has a large selection of various buckle designs, meeting a wide range of automobile and aviation standards. The spectrum of products includes basic push button, lift lever buckles, patented rotary buckle designs; shock-resistant properties, dual action and Water Activated Buckles (WAB).

Through efforts like the SCHROTH® buckles, BAE Systems Global Tactical Systems is dedicated to providing distinctive solutions that maximize operational effectiveness through the Science of Survivability.



BK SL 40



BK SL 10

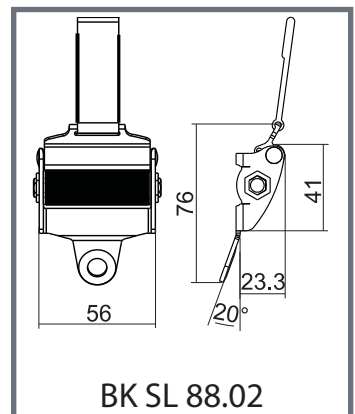
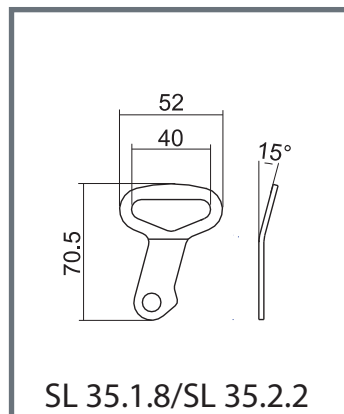
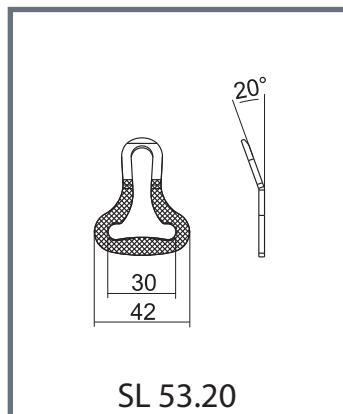
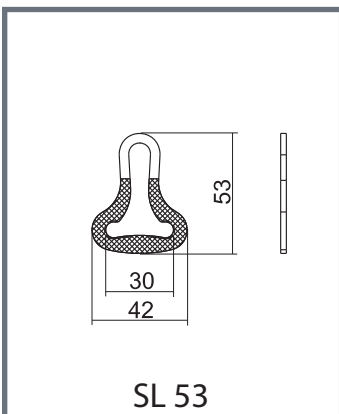
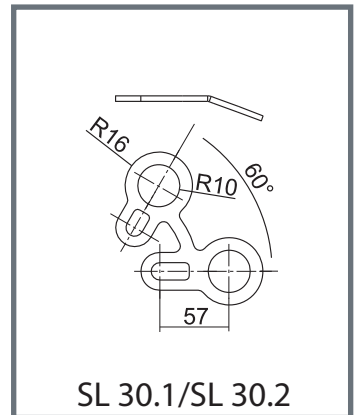
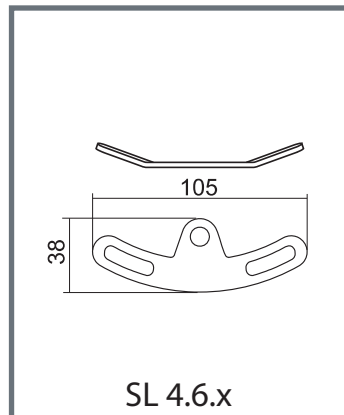
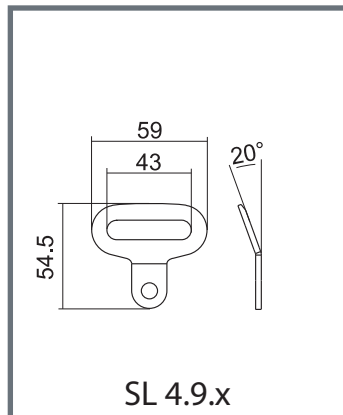
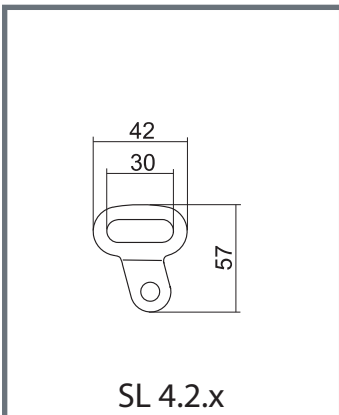
SPECIFICATIONS

Version	Approvals						Installations				Additional Capabilities	
	SCHROTH Article Nr.	ECE-R 16.05	FMVSS	FIA	Sfi	Aviation	2 Pt. Lap Belt	3 Pt. Diagonal	4 Pt. Harness System	4 Pt. Harness System w/ opt. crotch belt	Mine-Blast (Shock-Resistant)	Padding Option
Push Button Buckles	SL 44	√	√	-	-	√	√	√	√	-	√	optional
	SL 20.1	√	√	-	-	√	√	√	√	-	-	optional
	SL 20	√	√	-	-	√	√	√	√	-	-	optional
	SL 74	√	√	-	-	√	√	√	√	-	-	-
	BK SL 36	√	√	-	-	√	-	-	√	√	optional	optional
	BK SL 13	√	√	√	-	√	-	-	√	√	-	optional
Rotary Buckles	BK SL 10	-	-	√	-	√	-	-	√	√	optional	optional
	BK SL 12	-	-	√	√	√	-	-	√	√	optional	optional
Rotary Buckles with independent shoulder release	BK SL 11	-	-	-	-	√	-	-	√	√	optional	optional
	BK SL 14	-	-	-	-	√	-	-	√	√	optional	optional
Dual Motion - Rotary Buckles	BK SL 40	-	-	-	-	√	-	-	√	√	√	optional
Water Activated Buckle	BK SL 55	-	-	-	-	√	-	-	√	√	-	optional
Lift Lever Buckles	BK SL 45	-	√	-	-	√	√	√	√	√	-	-
	BK SL 117	-	√	-	-	√	√	-	-	-	-	-
Latch Link Buckle	SL 6.0	-	-	-	√	-	√	-	√	√	√	√

BAE SYSTEMS' SCHROTH® IS A LEADER IN AVIATION, MILITARY AND RACING RESTRAINTS.

ROTARY (CAM LOCK) BUCKLE LATCHES & DIMENSIONS

Part Number	Location	Buckle Type(s)	Description
SL 4.2.x	Shoulder Belt	SL 10, SL 11, SL 12, SL 13, SL 14, SL 36, SL 40, SL 55	Chrome or Black finish
SL 4.9.x	Lap Belt, Crotch Belt	SL 10, SL 11, SL 12, SL 13, SL 14, SL 36, SL 40, SL 55	Chrome or Black finish
SL 4.6.x	Crotch Belt	SL 10, SL 11, SL 12, SL 13, SL 14, SL 36, SL 40, SL 55	Chrome or Black finish
SL 30.1.x SL 30.2.x	Shoulder and Lap Belt	SL 10, SL 11, SL 12, SL 13, SL 14, SL 36, SL 40, SL 55	Chrome or Black finish
SL 53	Shoulder Belt	SL 10, SL 11, SL 12, SL 13, SL 14, SL 36, SL 40, SL 55	Chrome finish
SL 53.20	Lap Belt, Crotch Belt	SL 10, SL 11, SL 12, SL 13, SL 14, SL 36, SL 40, SL 55	Chrome finish
SL 35.1.8 SL 35.2.2	Shoulder Belt (right) Shoulder Belt (left)	SL 10, SL 11, SL 12, SL 13, SL 14, SL 36, SL 40, SL 55	Green finish Red finish
BK SL 88.02	Lap Belt	SL 10, SL 11, SL 12, SL 13, SL 14, SL 36, SL 40, SL 55	Black finish



PUSH BUTTON BUCKLES

SL 44 – Robust, low profile compact design with shock-resistant feature. Easy to use and available with a wide range of compatible latches and applications. The SL 44 can be used as 2 pt, 3 pt diagonal and 4 pt harness restraint.

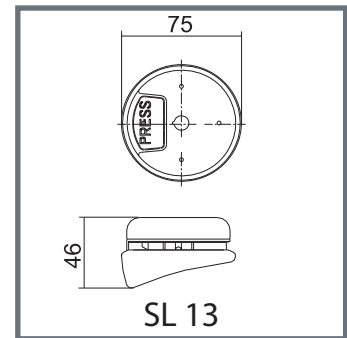
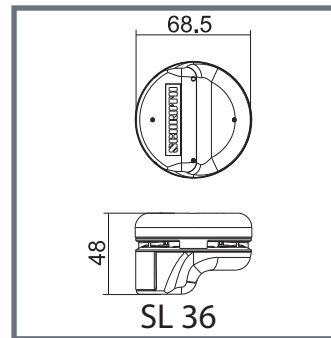
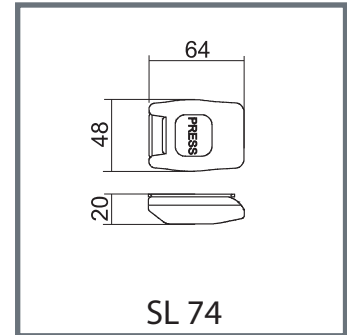
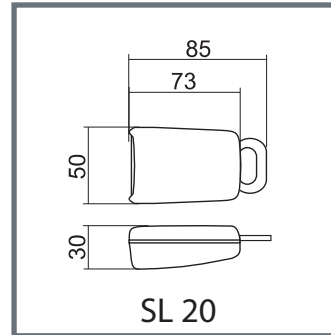
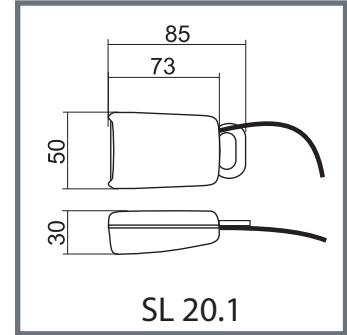
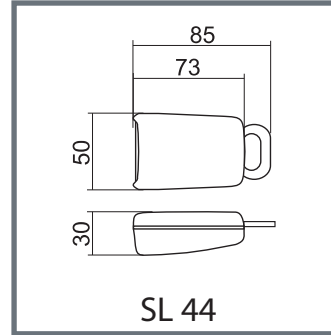
SL 20.1 – Similar specifications to the SL 44 (without shock-resistant feature), the SL 20.1 has an electronic (12V/24V) monitoring function. This buckle can verify if it is opened or closed. Ideal for training vehicles and simulators. The SL 20.1 can be used as 2 pt, 3 pt diagonal and 4 pt harness restraint.

SL 20 – Similar specifications to the SL 44 (without shock-resistant feature), the SL 20 is easy to use and available with a wide range of compatible latches and applications. The SL 20 can be used as 2 pt, 3 pt diagonal and 4 pt harness restraint.

SL 74 – The smallest possible push button buckle with ECE certification, the SL 74 is very compact and often used for specialty solutions. The SL 74 can be used as 2 pt, 3 pt diagonal and 4 pt harness restraint.

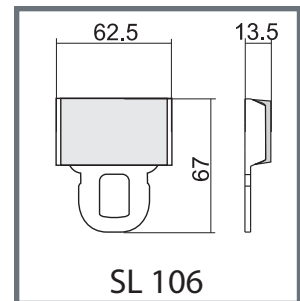
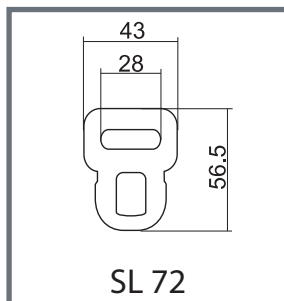
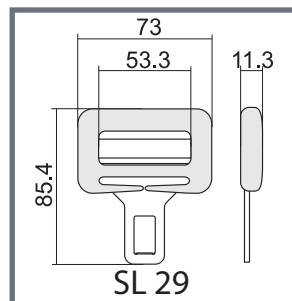
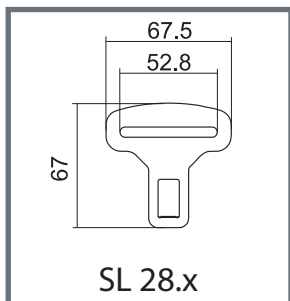
BK SL 36 – This buckle has an extra large button to disengage the restraint system. Especially designed for applications where occupants are wearing gloves. Easy to open and shock-resistant.

BK SL 13 – The SL 13 is the only buckle on the market that meets ECE (FMVSS) and FIA requirements in a multi-point release design. Ideal for 4 pt or 5 pt restraint systems.



PUSH BUTTON BUCKLE LATCHES & DIMENSIONS

Part Number	Location	Buckle Type(s)	Description
SL 28.x	Lap Belt	SL 44, SL 20.1, SL 20	Chrome or Black finish
SL 29	Lap Belt	SL 44, SL 20.1, SL 20	Integrated adjuster - Chrome with black cover
SL 72	Lap Belt	SL 74	Chrome finish
SL 106	Lap Belt	SL 74	Chrome finish

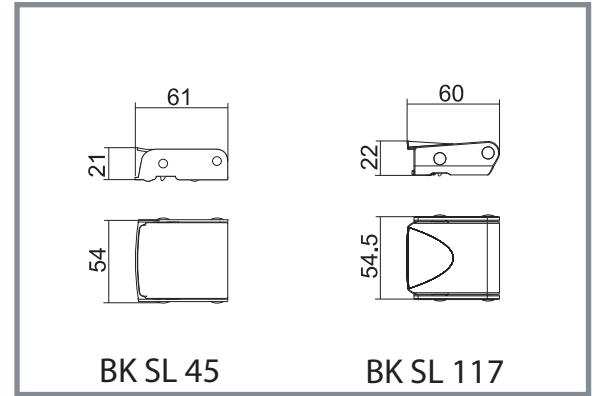


LIFT LEVER BUCKLE

Lift lever buckle design available with 30° or 90° release angle.

BK SL 45 – The SL 45 standard lift lever buckle, can be used as 2 pt, 3 pt diagonal and 4 pt harness restraint.

BK SL 117 – The BK SL 117 SCHROTH® AirLite is an ultra-lightweight buckle. Available as 2 pt Lap Belt only.



LIFT LEVER BUCKLE LATCHES & DIMENSIONS

Part Number	Location	Buckle Type(s)	Description
SL 49.20	Lap Belt	SL 45	Chrome finish
SL 63 SL 64	Shoulder Belt	SL 45	Chrome finish
SL 65	Crotch Belt	SL 45	Chrome finish
SL 118	Lap Belt	SL 117	Chrome finish

