

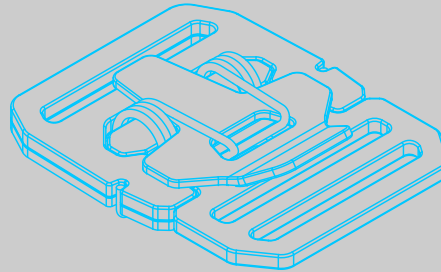
STINGRAY  
SYSTEM



# STINGRAY CONNECTOR

## SPECIFICATION SHEET

Stingray 2mm  
**SKU: SB2ASMR - 21.1grams**  
**SKU: SB2AAMR - 16.5grams**  
 Variations differ in Frame 2  
 Material ONLY



## APPLICATIONS:

- Belts
- Backpacks
- Webbing Connections
- Slings
- Dog Collars

### IMPORTANT NOTICE:

Please take note that this connector is not suitable for climbing applications, as it has not yet been certified for weight-bearing purposes.

## OVERVIEW

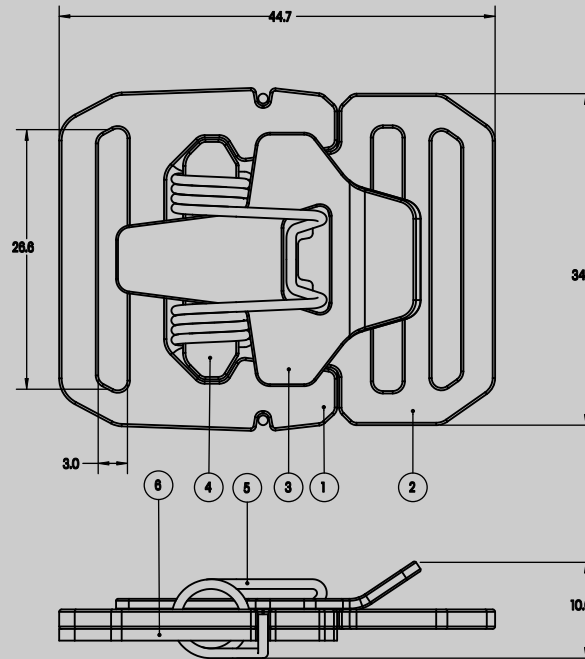
The Stingray Connector System is designed to be easily disassembled into its individual components, utilizing interlocking parts held in place by a torsion spring. Unlike traditional buckles, this system enables convenient replacement of broken parts and effortless integration with future part releases.

The versatility of this connector system allows for its application in various industries and scenarios where webbing connections are required. Moreover, we are planning to introduce additional male connectors in the future to accommodate different applications beyond webbing connections.

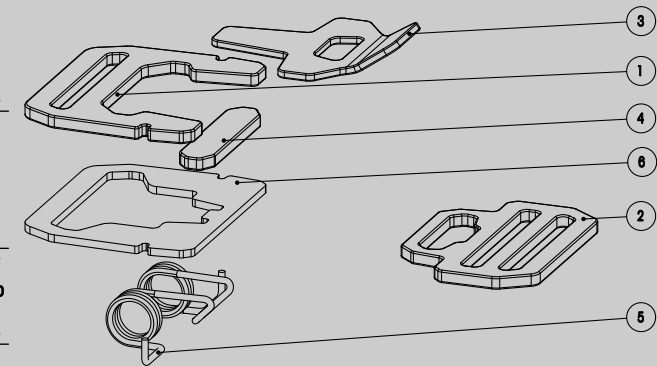
This design embodies our philosophy of complexity in simplicity, showcasing our commitment to innovative and user-friendly solutions.

### WHY CHOOSE THE STINGRAY CONNECTION:

- **PATENT PENDING Quick Release Connector**
- **World's Lightest** All Metal Quick Release Buckle
- Designed & manufactured in New Zealand.
- **Full metal construction** - Aluminium & Stainless Steel
- Unique 'snap motion' release & connection
- **Future proof** design
- **Spare parts available** for purchase



BALLOON	SKU	PART Name	Material	Mass (g)
1	SB2F1	Frame 1	Aluminium 5005	2.7
2	SB2SF2	Frame 2	SS3042B	7.0
2	SB2AF2	Frame 2	Aluminium 5005	2.4
3	SBL	Lever	SS3042B	4.0
4	SBPP	Pivot Pin	Aluminium 5005	0.7
5	SB2TS	Torsion Spring	SUS304	1.5
6	SBBSL	Base Spring Lock	SS3042B	5.2



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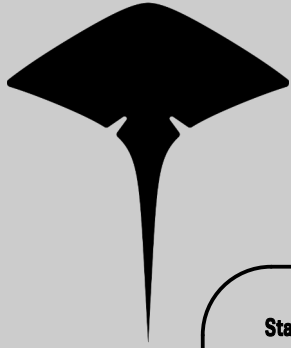
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STINGRAY  
SYSTEM



# STINGRAY CONNECTOR

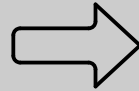
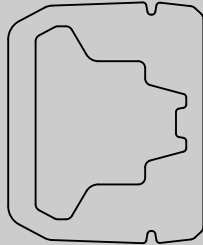
## SPECIFICATION SHEET

Stingray 2mm

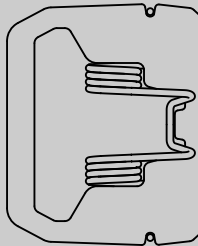
SKU: SB2ASMR - 21.1grams

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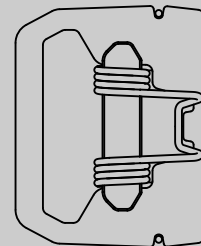
Start with Base Spring Lock Plate



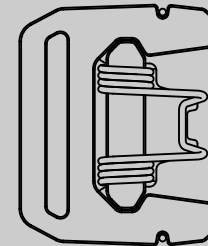
Bend/manoeuvre Torsion Spring into position



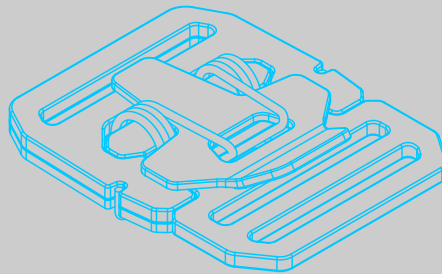
Slide Pivot Pin through coils of Torsion Spring



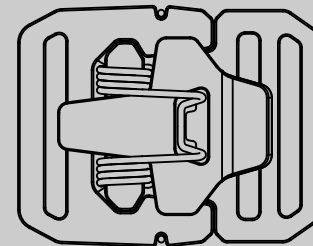
Using the Pivot Pin as a locating feature, push the Frame into position. Torsion Spring ends fit into corresponding slots.



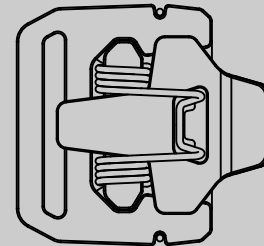
## ASSEMBLY PROCESS



Assembled Buckle



Bend Torsion spring upwards. Slide Lever into position. Use allen key to help bend Torsion Spring upwards.



# NZ

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JULY 2023  
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