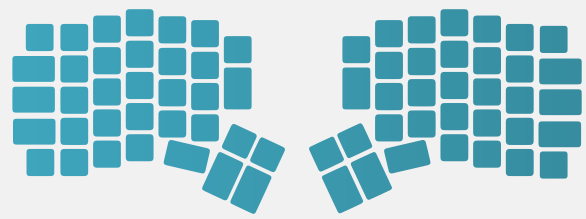
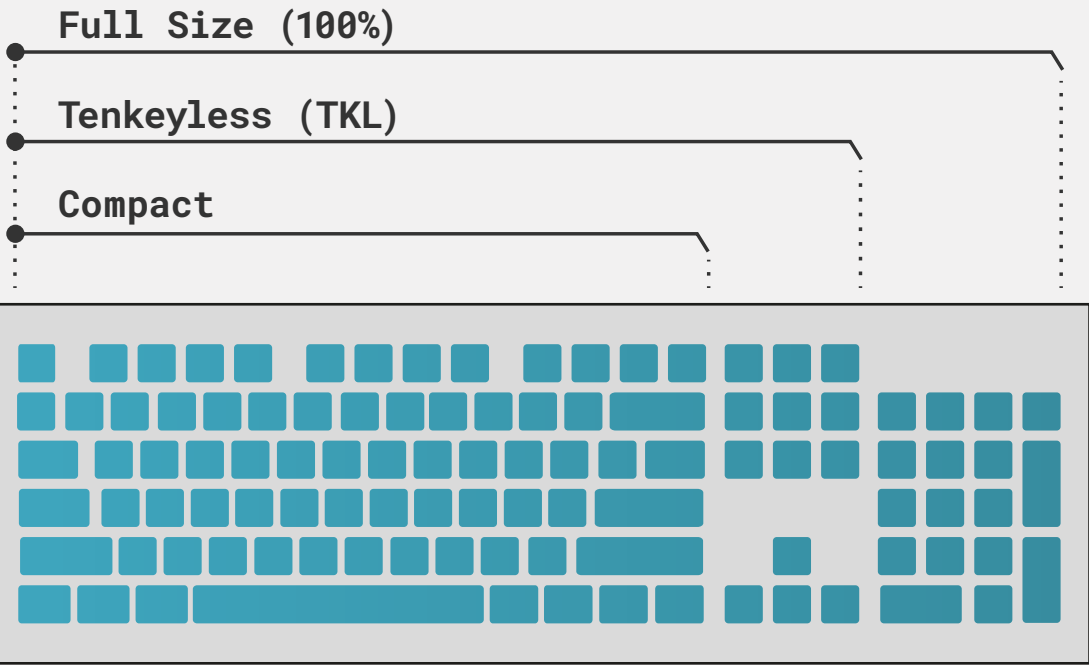
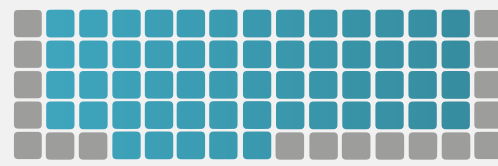


1 Keyboard

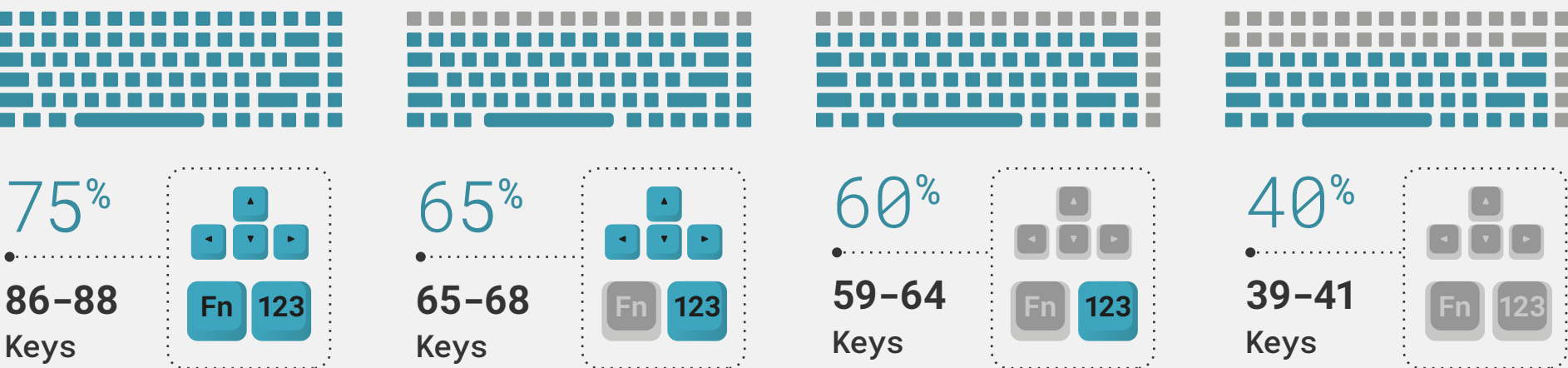


Split & Ergonomic
Separated in 2 modules, with different shapes and layouts.



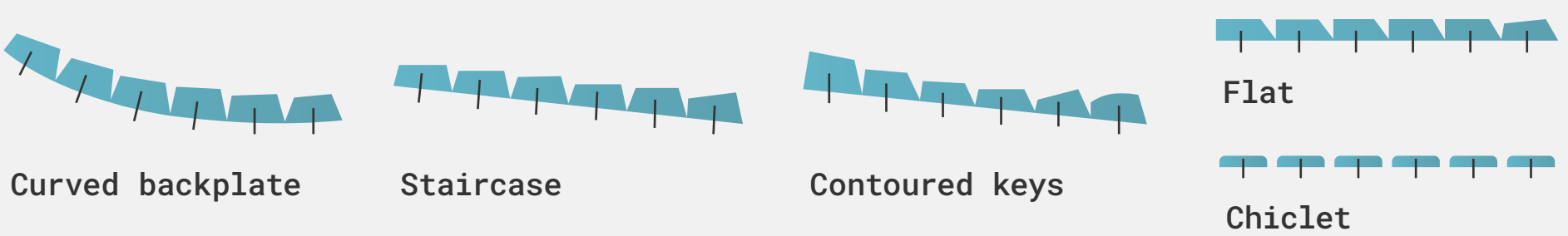
Ortho
The rows are straight and in line with each other, freedom of functionality/programmability.

Compact keyboards



This is a simplification. The presence and position of some modifiers may vary. Check carefully the keyboard layout you pick.

Keyboard profile



Modifiers compatibility

R1 1x1.25	R1 1x1.25	R1 1x1.25	Spacebar 1x6.25	R1 1x1.25	R1 1x1.25	R1 1x1.25	R1 1x1.25
R1 1x1.5	R1 1x1	R1 1x1.25	Spacebar 1x6.50	R1 1x1.25	R1 1x1	R1 1x1	R1 1x1.5
R1 1x1.5	R1 1x1	R1 1x1.5	Spacebar 1x6.00	R1 1x1.5	R1 1x1	R1 1x1	R1 1x1.5
R1 1x1.25	R1 1x1.25	R1 1x1.25	Spacebar 1x5.00	R1 1x1.25	R1 1x1.25	R1 1x1.25	R1 1x1.25

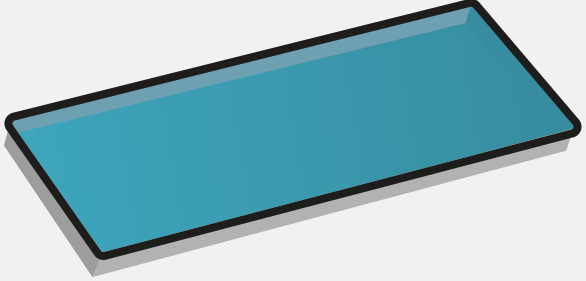
Standard bottom row

All bottom row modifiers are 1.25 wide.

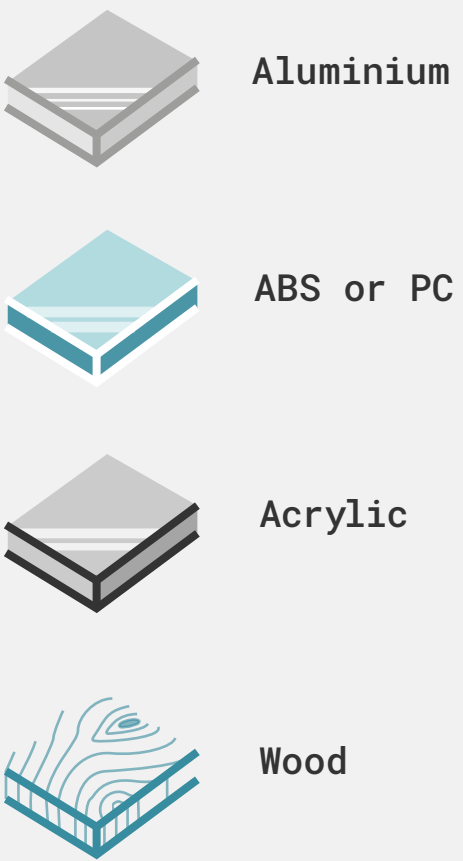
Non-Standard bottom row

The bottom row modifiers vary in size.

2 Case



Common materials



2-Piece construction

Such a kit consists of a case and a PCB/Plate combo. PCB and plate are only counted as ONE piece since the plate is potentially optional.

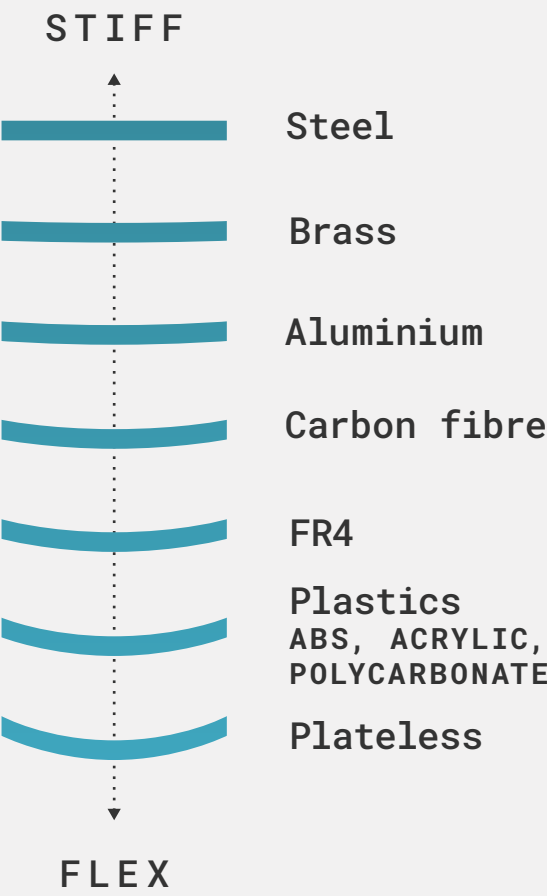
3-Piece construction

On top of the Two Piece construction content, these kits usually include a top frame for the case and is commonly held in place by screws through the bottom case.

3 Plate & PCB

Hard plate vs soft plate

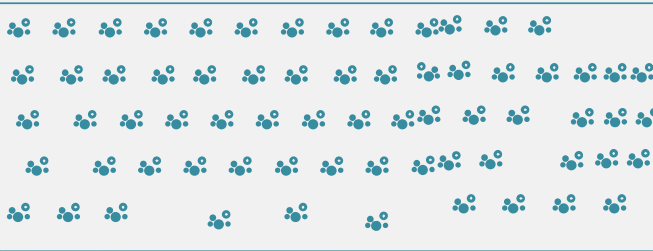
The main factor affecting typing feel is how hard the plate is during bottom out.



PCB

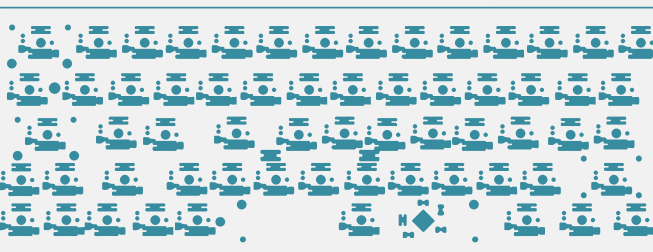
Regular PCB

With multiple solder points (plated through-holes) to accommodate alternate layouts.



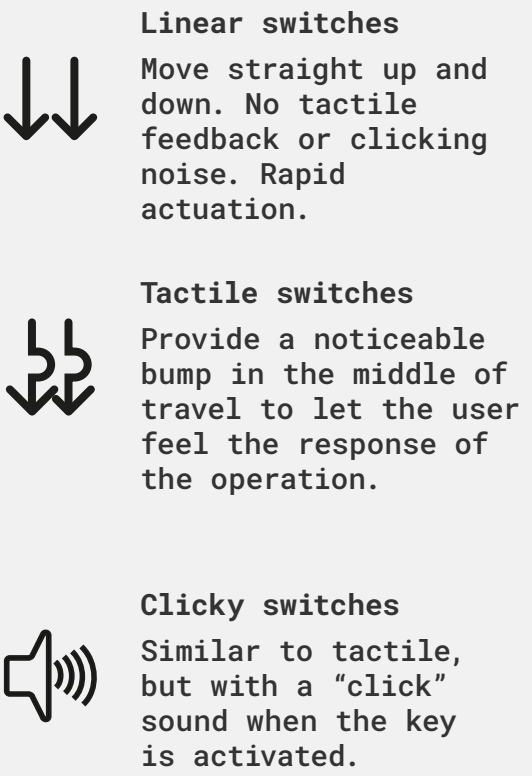
Hot swap PCB

It allows to swap out the switch without having to solder or desolder anything.

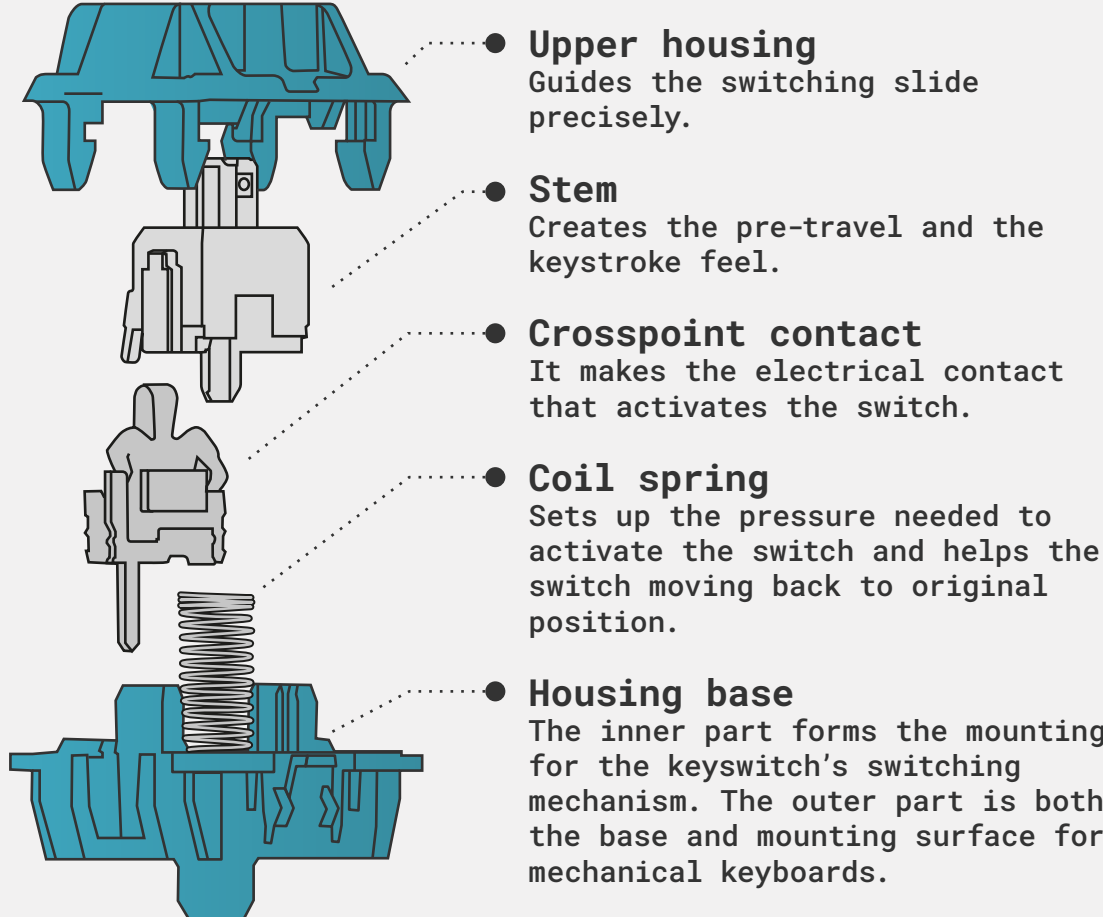


4 Switches

Types of switch

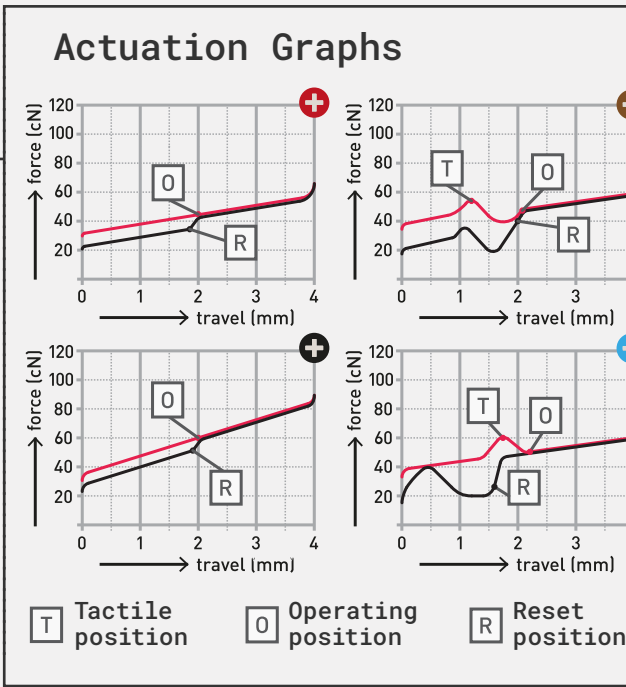


Switch structure

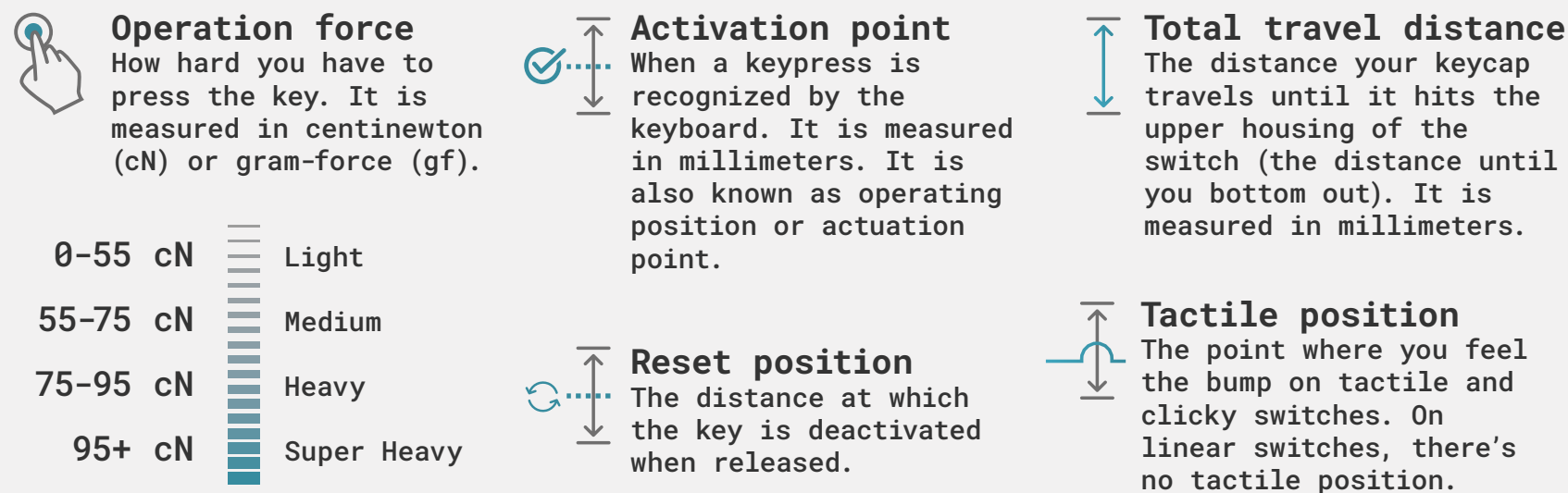


Cherry MX switches

	Operating Force	Pre Travel	Total Travel
Red	45cN	2.0mm	4.0mm
Brown	55cN	2.0mm	4.0mm
Black	60cN	2.0mm	4.0mm
Blue	60cN	2.2mm	4.0mm

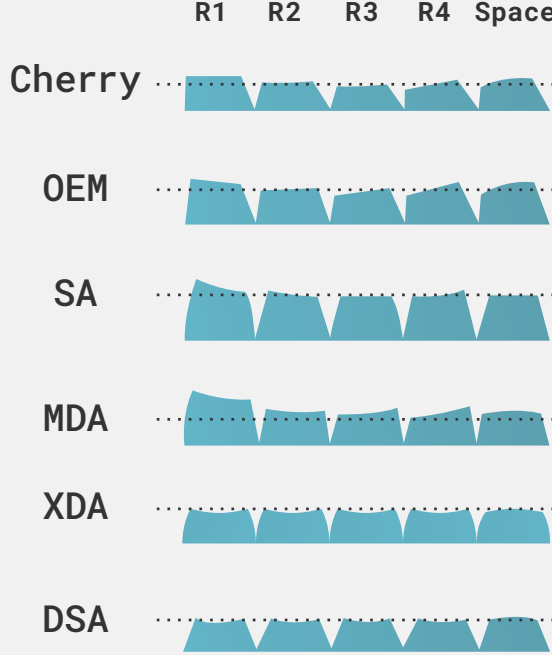


Technical characteristics



5 Keycaps

Keycaps profile



Keycaps materials

ABS
Impact resistant, lightweight and durable. Uncoated ABS keycaps are prone to becoming shiny over time. Common due to low cost in manufacture.

PBT
A more chalky feel and higher resistance to key shine than ABS. Heavier than ABS. Less common due to higher cost.

POM
Similar properties to PBT with resistance to shine and heavier compared to ABS. Less common than PBT due to even higher cost of manufacture. Very smooth feel due to low coefficient of friction.

Keycaps printing

