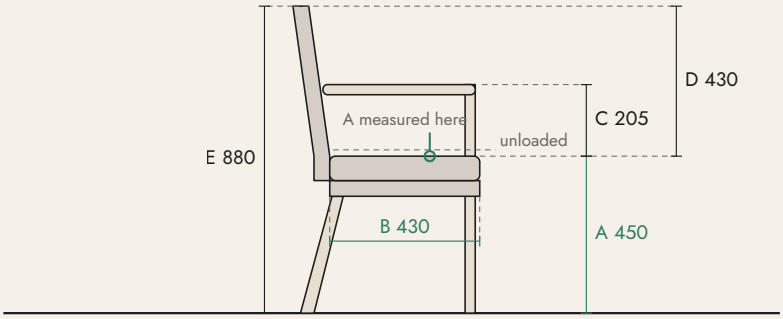
Seat *height, depth and width* by seat type

Seat height, depth, width and arm height by seat type, and where each is measured from. Always say whether a seat height is loaded or unloaded.

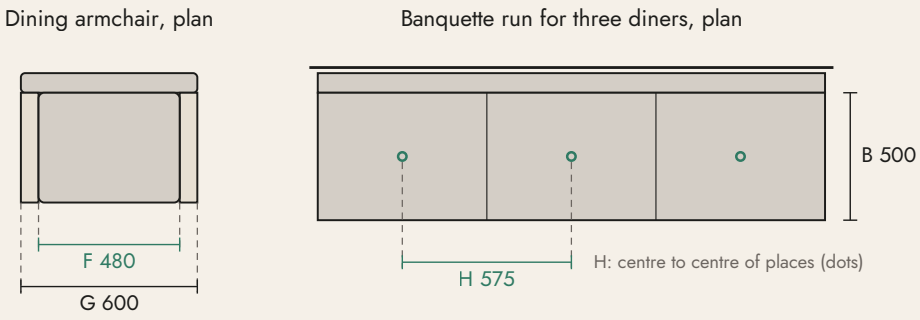
AT A GLANCE

Seat type	Seat height	Seat depth	Seat width	Arm height	Basis
Dining chair	430 to 480	380 to 460	405 to 510	180 to 230	Our guide; teaching guide
Banquette	430 to 460	450 to 550	550 to 600	None (armless)	Our guides; to confirm
Lounge or sofa	400 to 450	500 to 650	550 to 650	130 to 200	Our guide; to confirm
Counter stool	600 to 680	350 to 450	350 to 450	None usual	Our guide; to confirm
Bar stool	700 to 780	350 to 450	350 to 450	None usual	Our guide; to confirm
Office task chair	380 to 535	380 to 470	At least 400	200 to 250	HSE HSG57, Figure 1 (adjustable)

Millimetres. Seat height is floor to the top of the loaded upholstery; width is per person on a banquette or sofa; arm height is above the seat, armchairs only; 450 mm is about 17.7 inches. Basis: 'our guide' is the range in our Table heights and Banquette seating guides; 'teaching guide' is the University of Melbourne design guide; 'to confirm' means conventional practice for our partner upholsterers to confirm; HSE is the Health and Safety Executive. Design ranges, not clinical advice.



Dining armchair in side view, mm. A seat height (loaded, measured at the dot), B depth, C and D arm and back height above the seat, E overall; dashed line is the unloaded seat. Example values; original drawing by Make Bespoke Studio.



Plan views, mm. F clear width between arms, G overall width, H width per diner on a banquette. Example values; original drawing by Make Bespoke Studio.

WHERE EACH DIMENSION IS MEASURED FROM (LETTERS MATCH THE DRAWING)

	Dimension	From	To (seat means the loaded seat)
A	Seat height	Floor (FFL)	Top of the upholstery at the dot (position in the wording below)
B	Seat depth	Front edge	Front face of the back, at seat level
C	Arm height	Top of seat	Top of the arm pad (from the floor: A + C)
D	Back height	Top of seat	Top of the back
E	Overall height	Floor (FFL)	Top of the back (A + D)
F	Clear width	Inside of arm	Inside of the other arm: what the sitter has
G	Overall width	Outside of arm	Outside of the other arm: what the room must find
H	Diner width	Place centre	Centre of the next place on a banquette

SPECIFICATION WORDING

SEAT DIMENSIONS (DINING OR LOUNGE)

Finished seat height [450] mm, tolerance [+/- 10] mm, from finished floor level to the top of the loaded upholstery on the seat centreline, one third of the depth back from the front edge; unloaded height in brackets on the shop drawing. Seat depth [430] mm, clear width between arms [480] mm, arm height [205] mm above the loaded seat.

BANQUETTE SEAT

Finished seat height [445] mm from finished floor level to the top of the loaded upholstery, with [290] mm from the seat to the top of the table. Seat depth [500] mm. Width per diner [575] mm, centre to centre, marked on the shop drawing. Confirm on a full-size mock-up of one bay.

COUNTER OR BAR STOOL

Finished seat height [650 or 750] mm from finished floor level to the top of the loaded seat, for a surface at [925 or 1,050] mm. Seat width or diameter [400] mm. Footrest [ ] mm above finished floor level. Confirm on a sample stool at the actual counter.

TERMS USED

Finished seat height

The height from finished floor level to the top of the upholstered seat. Loaded (as sat on) and unloaded heights differ, so the drawing must say which.

Popliteal height

The distance from the floor to the underside of the thigh just behind the knee when seated. It limits how high a seat can be.

Buttock-popliteal length

The horizontal distance from the back of the pelvis to the back of the knee when seated. It limits how deep a seat can be.

STANDARDS AND SOURCES

- Health and Safety Executive, Seating at work (HSG57), 3rd edition 1997, reprinted 2011: paras 23 to 25, Figure 1.
- Approved Document M, volume 2 (2015 edition with 2020 and 2024 amendments): paragraph 4.16, bar counters.
- University of Melbourne, Ergonomics and product interactions: teaching guide, secondary source.
- Delft University of Technology, Elementary ergonomics (open course deck): popliteal height and buttock-popliteal length.
- BS EN 16139:2025 (Annex G) and BS 8300-2:2018: named, not read.

Full guide: https://makebespoke.com/trade/technical/seat-height-depth-width. Make Bespoke Studio coordinates manufacture through its partner workshops. Figures are guidance only and your specification governs; some may be superseded, so contact the studio to verify.