

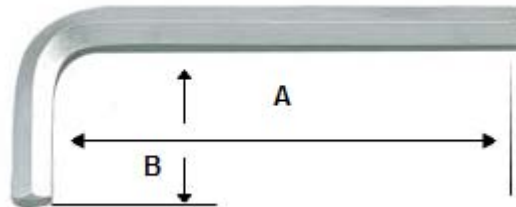
Hex Key Chart

Hex Key (also known as Allen Key, Hexagon Key and Socket Key), sizes and its dimensions are used to determine which size hex key is required for use with the applicable fastener depending on the thread size of the fastener.

Most common used to install socket screws the dimensions of Allen keys can be used to check the accessibility of your fastener were space is limited.

For example for an M8 socket cap screw requires at least $32+8(\text{head size}) = 40\text{mm}$ clearance above the screw for easy accessibility.

The table below shows metric Allen key sizes and dimensions for corresponding socket cap screws based on Din 912 standards on thread sizes M3-M24.



Screw Size (Tread Size)	Allen Key Size Required	A Length (Inches)	A Length (mm)	B Shortest Length (mm)	RS Hes Key Part No.	Remark
M3	2.5	2.2	56	18	609-562	
M4	3	2.48	63	20	609-556	
M5	4	2.76	70	25	609-540	Standard
M5	4	2.76	140	25	734-911	Extra-long arm
M6	5	3.15	80	28	609-534	
M8	6	3.54	90	32	609-528	
M10	8	3.94	100	36	609-512	
M12	10	4.41	224	40	734-955	Extra-long arm
M14	12	4.92	250	45	499-2436	Extra-long arm
M16	14	5.51	280	56	499-2414	Extra-long arm
M18	14	5.51	320	56	499-2414	Extra-long arm
M20	17	6.3	320	63	499-2458	Extra-long arm
M22	17	6.3	320	63	499-2458	Extra-long arm
M24	19	7.09	360	70	499-2442	Extra-long arm

* We also stock a range of Hex Key sets if your would like a comprehensive set of Hex Keys for your toolbox.