

DRILL & TAP SIZE CHART

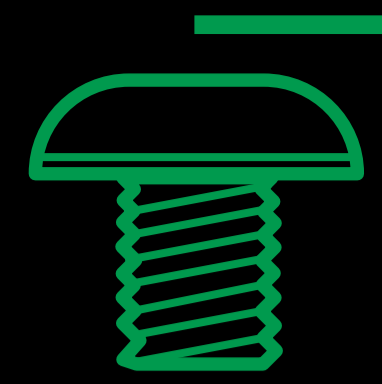
BOLT		CLOSE FIT			FREE FIT		
Type	Diameter	Close Fit	Drill Size	Nearest Fractional Drill Size	Free Fit	Drill Size	Nearest Fractional Drill Size
#6	0.138"	0.144"	27	9/64"	0.1495"	25	5/32"
#8	0.164"	0.1695"	18	11/64"	0.177"	16	3/16"
#10	0.19"	0.196"	9	3/16"	0.201"	7	13/64"
1/4"	0.25"	0.257"	F	1/4"	0.266"	H	17/64"

BOLT		TAP SIZE		
Type	Diameter	Tap Size	Drill Size	Nearest Fractional Drill Size
#6-32	0.138"	0.1065"	36	7/64"
#8-32	0.164"	0.136"	29	9/64"
#10-32	0.19"	0.159"	21	5/32"
1/4"-20	0.25"	0.201"	7	13/64"



Diagram not to scale.

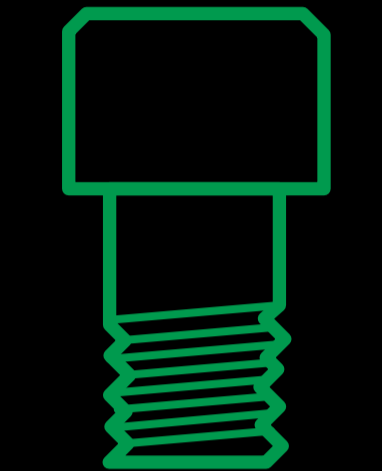
HEX KEY & WRENCH CHART



Button Head



Flat Head



Socket Head



Box Wrench/
Socket Size

HEX KEYS

	Button Head	Flat Head	Socket Head	Box Wrench/ Socket Size
#4	1/16"	1/16"	3/32"	1/4"
#6	5/64"	5/64"	7/64"	5/16"
#8	3/32"	3/32"	9/64"	11/32"
#10	1/8"	1/8"	5/32"	3/8"
1/4"	5/32"	5/32"	3/16"	7/16"
5/16"	3/16"	3/16"	1/4"	1/2"
3/8"	1/4"	1/4"	5/16"	9/16"
M3	2mm	2mm	2.5mm	5.5mm
M4	2.5mm	2.5mm	3mm	7mm
M5	3mm	3mm	4mm	8mm
M6	4mm	4mm	5mm	10mm

MOTOR SPECS

	CIM MOTOR 217-2000	MINI CIM 217-3371	BAG MOTOR 217-3351	775PRO 217-4347	ANDYMARK RS775-125	BANEBOTS RS-775 18V	ANDYMARK 9015	BANEBOTS RS-550	ANDYMARK NEVEREST
Free Speed (RPM)	5330	5840	13180	18730	5800	13050	14270	19000	5480
Free Current (A)	2.7	3	1.8	0.7	1.6	2.7	3.7	0.4	0.4
Maximum Power (W)	337	215	149	347	43	246	134	190	24.8
Stall Torque (Nm)	2.41	1.41	0.43	0.71	0.28	0.72	0.36	0.38	0.173
Stall Current (A)	131	89	53	134	18	97	71	84	9.8
Screw Size	#10-32	#10-32	M4	M4	M4	M4	M3	M3	M3

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