

HOB-BITS BASIC CLASS 2 THREAD DATA (IMPERIAL)

HOB-BITS BASIC CLASS 2 THREAD DATA (IMPERIAL)					SCREWS			*NUTS	
Size	Threads Per Inch	Pitch	Helix Angle	Thread Depth	Major Diameter	Pitch Diameter	Minor Diameter	Major Diameter	Pitch Diameter
00-90	90	0.011111"	5° 5"	0.00722"	0.0470"	0.0398"	0.0326"	0.0470"	0.0398"
0-80	80	0.01250"	4° 23"	0.00812"	0.0600"	0.0519"	0.0447"	0.0600"	0.0536"
1-72	72	0.01389"	3° 57"	0.00902"	0.0730"	0.0640"	0.0560"	0.0730"	0.0658"
2-56	56	0.01786"	4° 22"	0.01160"	0.0860"	0.0744"	0.0641"	0.0860"	0.0764"

*Minor Diameter of nuts is omitted as it is determined by the thread percentage required

HOB-BITS BASIC CLASS 2 THREAD DATA (METRIC)

HOB-BITS BASIC CLASS 2 THREAD DATA (METRIC)					SCREWS			*NUTS	
Size	Threads Per mm	Pitch	Helix Angle	Thread Depth	Major Diameter	Pitch Diameter	Minor Diameter	Major Diameter	Pitch Diameter
00-90	3.54	0.28219 mm	5° 12.7 cm	0.18339 mm	1.1938 mm	1.0109 mm	0.8280 mm	1.1938 mm	1.0109 mm
0-80	3.15	0.3175 mm	4° 58.42 cm	0.20625 mm	1.5240 mm	1.3183 mm	1.1354 mm	1.5240 mm	1.3614 mm
1-72	2.83	0.35281 mm	3° 144.78 cm	0.22911 mm	1.8542 mm	1.6256 mm	1.4224 mm	1.8542 mm	1.6713 mm
2-56	2.2	0.45364 mm	4° 55.88 cm	0.29464 mm	2.1844 mm	1.8898 mm	1.6281 mm	2.1844 mm	1.9406 mm

*Minor Diameter of nuts is omitted as it is determined by the thread percentage required

HOB-BITS SCREW LENGTHS

Inches		Millimeters
1/8"	0.125	3.175
1/4"	0.25	6.35
3/8"	0.375	9.525
1/2"	0.5	12.7