

COMPARISON OF US, METRIC AND WHITWORTH WRENCHES							
US	METRIC	WHITWORTH	DECIMAL INCHES	OPEN END WRENCH		BOX END OR SOCKET WRENCH	
NOMINAL NUT SIZE				MIN	MAX	MIN	MAX
5/32	4mm	7BA	0.156	0.158	0.161	0.158	0.163
			<b>0.157</b>	<b>0.159</b>	<b>0.162</b>	<b>0.159</b>	<b>0.164</b>
3/16	5mm	6BA	0.172	0.174	0.177	0.174	0.179
			<b>0.187</b>	<b>0.190</b>	<b>0.193</b>	<b>0.190</b>	<b>0.195</b>
13/64	6mm	5BA	0.193	0.195	0.198	0.195	0.200
7/32			<b>0.197</b>	<b>0.199</b>	<b>0.202</b>	<b>0.199</b>	<b>0.200</b>
15/63	7mm	4BA	0.203	0.205	0.208	0.205	0.210
			<b>0.218</b>	<b>0.221</b>	<b>0.224</b>	<b>0.221</b>	<b>0.226</b>
1/4	8mm	3BA	0.220	0.222	0.225	0.222	0.227
			<b>0.234</b>	<b>0.236</b>	<b>0.239</b>	<b>0.236</b>	<b>0.241</b>
17/64	9mm	2BA	0.236	0.238	0.241	0.238	0.243
			<b>0.248</b>	<b>0.250</b>	<b>0.255</b>	<b>0.250</b>	<b>0.255</b>
9/32	10mm	1BA	0.250	0.252	0.255	0.252	0.257
			<b>0.265</b>	<b>0.268</b>	<b>0.271</b>	<b>0.268</b>	<b>0.273</b>
5/16	11mm	0BA	0.276	0.278	0.281	0.278	0.283
			<b>0.281</b>	<b>0.284</b>	<b>0.288</b>	<b>0.284</b>	<b>0.290</b>
11/32	12mm	3/16W	0.282	0.284	0.288	0.284	0.289
			<b>0.312</b>	<b>0.316</b>	<b>0.320</b>	<b>0.316</b>	<b>0.322</b>
3/8	13mm	1/8W	0.315	0.317	0.321	0.317	0.322
			<b>0.324</b>	<b>0.327</b>	<b>0.331</b>	<b>0.327</b>	<b>0.333</b>
7/16	14mm	1BA	0.338	0.341	0.345	0.341	0.347
			<b>0.343</b>	<b>0.347</b>	<b>0.351</b>	<b>0.347</b>	<b>0.353</b>
15/32	15mm	3/8W	0.354	0.357	0.361	0.357	0.363
			<b>0.365</b>	<b>0.363</b>	<b>0.372</b>	<b>0.368</b>	<b>0.374</b>
1/2	16mm	5/16W	0.375	0.378	0.382	0.378	0.381
			<b>0.393</b>	<b>0.396</b>	<b>0.400</b>	<b>0.396</b>	<b>0.402</b>
17/32	17mm	7/16W	0.413	0.416	0.420	0.416	0.422
			<b>0.433</b>	<b>0.436</b>	<b>0.440</b>	<b>0.436</b>	<b>0.442</b>
9/16	18mm	3/4W	0.437	0.440	0.444	0.440	0.446
			<b>0.448</b>	<b>0.451</b>	<b>0.455</b>	<b>0.451</b>	<b>0.457</b>
19/32	19mm	7/8W	0.468	0.472	0.476	0.472	0.478
			<b>0.472</b>	<b>0.475</b>	<b>0.479</b>	<b>0.475</b>	<b>0.481</b>
5/8	20mm	1 1/4W	0.500	0.504	0.508	0.504	0.510
			<b>0.512</b>	<b>0.516</b>	<b>0.520</b>	<b>0.516</b>	<b>0.522</b>
21/32	21mm	1 1/2W	0.525	0.529	0.533	0.529	0.535
			<b>0.531</b>	<b>0.535</b>	<b>0.539</b>	<b>0.535</b>	<b>0.541</b>
11/16	22mm	1 3/4W	0.551	0.555	0.559	0.555	0.561
			<b>0.562</b>	<b>0.566</b>	<b>0.570</b>	<b>0.566</b>	<b>0.573</b>
3/4	23mm	2W	0.591	0.595	0.599	0.595	0.601
			<b>0.593</b>	<b>0.598</b>	<b>0.602</b>	<b>0.598</b>	<b>0.604</b>
25/32	24mm	2 1/4W	0.600	0.604	0.608	0.604	0.612
			<b>0.625</b>	<b>0.629</b>	<b>0.633</b>	<b>0.629</b>	<b>0.636</b>
13/16	25mm	2 1/2W	0.630	0.634	0.638	0.634	0.642
			<b>0.656</b>	<b>0.661</b>	<b>0.665</b>	<b>0.661</b>	<b>0.668</b>
7/8	26mm	3W	0.669	0.673	0.677	0.673	0.681
			<b>0.687</b>	<b>0.692</b>	<b>0.696</b>	<b>0.692</b>	<b>0.699</b>
29/32	27mm	3 1/4W	0.709	0.715	0.720	0.715	0.723
			<b>0.710</b>	<b>0.715</b>	<b>0.720</b>	<b>0.715</b>	<b>0.723</b>
15/16	28mm	4W	0.748	0.753	0.758	0.753	0.761
			<b>0.750</b>	<b>0.755</b>	<b>0.760</b>	<b>0.755</b>	<b>0.753</b>
31/32	29mm	4 1/4W	0.781	0.786	0.791	0.786	0.794
			<b>0.787</b>	<b>0.792</b>	<b>0.797</b>	<b>0.792</b>	<b>0.800</b>
1	30mm	5W	0.812	0.818	0.823	0.818	0.826
			<b>0.820</b>	<b>0.825</b>	<b>0.830</b>	<b>0.825</b>	<b>0.833</b>
1 1/16	31mm	5 1/4W	0.827	0.832	0.837	0.832	0.840
			<b>0.866</b>	<b>0.871</b>	<b>0.876</b>	<b>0.871</b>	<b>0.879</b>
1 1/8	32mm	6W	0.875	0.880	0.885	0.880	0.888
			<b>0.906</b>	<b>0.911</b>	<b>0.916</b>	<b>0.911</b>	<b>0.920</b>
1 3/16	33mm	6 1/4W	0.906	0.911	0.916	0.911	0.920
			<b>0.920</b>	<b>0.925</b>	<b>0.930</b>	<b>0.925</b>	<b>0.934</b>
1 1/4	34mm	7W	0.937	0.944	0.949	0.944	0.953
			<b>0.945</b>	<b>0.950</b>	<b>0.955</b>	<b>0.950</b>	<b>0.959</b>
1 1/2	35mm	7 1/4W	0.968	0.975	0.981	0.975	0.984
			<b>0.984</b>	<b>0.990</b>	<b>0.996</b>	<b>0.990</b>	<b>0.999</b>
1 5/8	36mm	8W	1.000	1.006	1.012	1.006	1.015
			<b>1.010</b>	<b>1.016</b>	<b>1.022</b>	<b>1.016</b>	<b>1.025</b>
1 3/4	37mm	8 1/4W	1.024	1.030	1.036	1.030	1.039
			<b>1.062</b>	<b>1.068</b>	<b>1.074</b>	<b>1.068</b>	<b>1.077</b>
1 7/8	38mm	9W	1.063	1.069	1.075	1.069	1.078
			<b>1.100</b>	<b>1.107</b>	<b>1.113</b>	<b>1.107</b>	<b>1.117</b>
1 15/16	39mm	9 1/4W	1.102	1.109	1.115	1.109	1.119
			<b>1.125</b>	<b>1.132</b>	<b>1.139</b>	<b>1.132</b>	<b>1.142</b>
1 7/8	40mm	10W	1.142	1.149	1.156	1.149	1.159
			<b>1.181</b>	<b>1.188</b>	<b>1.195</b>	<b>1.188</b>	<b>1.198</b>
1 15/16	41mm	10 1/4W	1.187	1.195	1.202	1.195	1.205
			<b>1.200</b>	<b>1.207</b>	<b>1.214</b>	<b>1.207</b>	<b>1.217</b>
1 15/16	42mm	11W	1.220	1.227	1.234	1.227	1.237
			<b>1.250</b>	<b>1.258</b>	<b>1.266</b>	<b>1.258</b>	<b>1.269</b>
1 15/16	43mm	11 1/4W	1.260	1.267	1.275	1.267	1.277
			<b>1.299</b>	<b>1.306</b>	<b>1.314</b>	<b>1.306</b>	<b>1.316</b>