

Cross Reference Chart

COMPARISON OF U.S. METRIC AND WHITWORTH WRENCH SIZES							
U.S.	METRIC	WHITWORTH	DECIMAL INCHES	OPEN-END WRENCH		BOX-END OR SOCKET WRENCH	
NOMINAL NUT SIZE				MIN.	MAX.	MIN.	MAX.
5/32	4mm	7BA	.156	.158	.161	.158	.163
			.157	.159	.162	.159	.164
			.172	.174	.177	.174	.179
3/16	5mm	6BA	.187	.190	.193	.190	.195
			.193	.195	.198	.195	.200
			.197	.199	.202	.199	.204
13/64	6mm	5BA	.203	.205	.208	.205	.210
7/32			.218	.221	.224	.221	.226
			.220	.222	.225	.222	.227
15/64	7mm	4BA	.234	.236	.239	.236	.241
			.236	.238	.241	.238	.243
			.248	.250	.253	.250	.255
1/4	8mm	3BA	.250	.252	.255	.252	.257
17/64			.265	.268	.271	.268	.273
			.276	.278	.281	.278	.283
9/32	9mm	2BA	.281	.284	.288	.284	.290
			.282	.284	.288	.284	.289
			.312	.316	.320	.316	.322
5/16	10mm	1BA	.315	.317	.321	.317	.322
			.324	.327	.331	.327	.333
			.338	.341	.345	.341	.347
11/32	11mm	0BA	.343	.347	.351	.347	.353
			.354	.357	.361	.357	.363
			.365	.368	.372	.368	.374
3/8	12mm	3/16W (1/4 BS)	.375	.378	.382	.378	.384
			.393	.396	.400	.396	.402
			.413	.416	.420	.416	.422
7/16	13mm	1/4W (5/16 BS)	.433	.436	.440	.436	.442
			.437	.440	.444	.440	.446
			.448	.451	.455	.451	.457
15/32	14mm	5/16W (3/8 BS)	.468	.472	.476	.472	.478
			.472	.475	.479	.475	.481
			.500	.504	.508	.504	.510
1/2	15mm	3/8W (7/16 BS)	.512	.516	.520	.516	.522
			.525	.529	.533	.529	.535
			.531	.535	.539	.535	.541
17/32	16mm	7/16W (1/2 BS)	.551	.555	.559	.555	.561
			.562	.566	.570	.566	.573
			.591	.595	.599	.595	.601
9/16	17mm	1/2W (9/16 BS)	.593	.598	.602	.598	.604
			.600	.604	.608	.604	.612
			.625	.629	.633	.629	.636
19/32	18mm	3/4W (1 1/8 BS)	.630	.634	.638	.634	.642
			.656	.661	.665	.661	.668
			.669	.673	.677	.673	.681
5/8	19mm	7/8W (1 3/8 BS)	.687	.692	.696	.692	.699
			.709	.715	.720	.715	.723
			.710	.715	.720	.715	.723
21/32	20mm	1 1/8W (1 1/2 BS)	.748	.753	.758	.758	.761
			.750	.755	.760	.755	.763
			.781	.786	.791	.786	.794
11/16	21mm	1 3/8W (1 3/4 BS)	.787	.792	.797	.792	.800
			.812	.818	.823	.818	.826
			.820	.825	.830	.825	.833
3/4	22mm	1 1/2W (1 5/8 BS)	.827	.832	.837	.832	.840
			.866	.871	.876	.871	.879
			.875	.880	.885	.880	.888
25/32	23mm	1 3/4W (2 BS)	.906	.911	.916	.911	.920
			.906	.911	.916	.911	.920
			.920	.925	.930	.925	.934
13/16	24mm	2W (2 1/8 BS)	.937	.944	.949	.944	.953
			.945	.950	.955	.950	.959
			.968	.975	.981	.975	.984
29/32	25mm	2 1/8W (2 1/4 BS)	.984	.990	.996	.990	.999