

**Table 24****TAP RECOMMENDATIONS FOR CLASSES 2, 3, 2B  
& 3B UNIFIED AND AMERICAN SCREW THREADS****NUMBERED SIZES**

Size	THREADS PER INCH		RECOMMENDED TAP FOR CLASS OF THREAD				PITCH DIAMETER LIMITS FOR CLASS OF THREAD				
	NC	NF	CLASS 2	CLASS 3	CLASS 2B	CLASS 3B	Min. All Classes (Basic)	Max. Class 2	Max. Class 3	Max. Class 2B	Max. Class 3B
0	..	80	GH1	GH1	GH2	GH1	.0519	.0536	.0532	.0542	.0536
1	64	..	GH1	GH1	GH2	GH1	.0629	.0648	.0643	.0655	.0648
1	..	72	GH1	GH1	GH2	GH1	.0640	.0658	.0653	.0665	.0659
2	56	..	GH1	GH1	GH2	GH1	.0744	.0764	.0759	.0772	.0765
2	..	64	GH1	GH1	GH2	GH1	.0759	.0778	.0773	.0786	.0779
3	48	..	GH1	GH1	GH2	GH1	.0855	.0877	.0871	.0885	.0877
3	..	56	GH1	GH1	GH2	GH1	.0874	.0894	.0889	.0902	.0895
4	40	..	GH2	GH1	GH2	GH2	.0958	.0982	.0975	.0991	.0982
4	..	48	GH1	GH1	GH2	GH1	.0985	.1007	.1001	.1016	.1008
5	40	..	GH2	GH1	GH2	GH2	.1088	.1112	.1105	.1121	.1113
5	..	44	GH1	GH1	GH2	GH1	.1102	.1125	.1118	.1134	.1126
6	32	..	GH2	GH1	GH3	GH2	.1177	.1204	.1196	.1214	.1204
6	..	40	GH2	GH1	GH2	GH2	.1218	.1242	.1235	.1252	.1243
8	32	..	GH2	GH1	GH3	GH2	.1437	.1464	.1456	.1475	.1465
8	..	36	GH2	GH1	GH2	GH2	.1460	.1485	.1478	.1496	.1487
10	24	..	GH3	GH1	GH3	GH3	.1629	.1662	.1653	.1672	.1661
10	..	32	GH2	GH1	GH3	GH2	.1697	.1724	.1716	.1736	.1726
12	24	..	GH3	GH1	GH3	GH3	.1889	.1922	.1913	.1933	.1922
12	..	28	GH3	GH1	GH3	GH3	.1928	.1959	.1950	.1970	.1959

The above recommended taps normally produce the Class of Thread indicated in average materials when used with reasonable care. However, if the tap specified does not give a satisfactory gage fit in the work, a choice of some other limit tap will be necessary.