



Pennoyer-Dodge Company

When You Want It Right...*And Right Away!*

Thread Plug Unified Pitch Diameters Classes 2B & 3B							
Nominal Size	Min. Minor	Max. Minor	Go P.D.	Not Go P.D.	Tol.	Go Major	Not Go Major
.060-80 UNF-2B	0.0465	0.0514	0.0519	0.0542	0.0023	0.0600	0.0596
.060-80 UNF-3B	0.0465	0.0514	0.0519	0.0536	0.0017	0.0600	0.0590
.073-64 UNC-2B	0.0561	0.0623	0.0629	0.0655	0.0026	0.0730	0.0723
.073-64 UNC-3B	0.0561	0.0623	0.0629	0.0648	0.0019	0.0730	0.0716
.073-72 UNF-2B	0.0580	0.0635	0.0640	0.0665	0.0025	0.0730	0.0725
.073-72 UNF-3B	0.0580	0.0635	0.0640	0.0659	0.0019	0.0730	0.0719
.086-56 UNC-2B	0.0667	0.0737	0.0744	0.0772	0.0028	0.0860	0.0849
.086-56 UNC-3B	0.0667	0.0737	0.0744	0.0765	0.0021	0.0860	0.0842
.086-64 UNF-2B	0.0691	0.0753	0.0759	0.0786	0.0027	0.0860	0.0854
.086-64 UNF-3B	0.0691	0.0753	0.0759	0.0779	0.0020	0.0860	0.0847
.099-48 UNC-2B	0.0764	0.0845	0.0855	0.0885	0.0030	0.0990	0.0975
.099-48 UNC-3B	0.0764	0.0845	0.0855	0.0877	0.0022	0.0990	0.0967
.099-56 UNF-2B	0.0797	0.0865	0.0874	0.0902	0.0028	0.0990	0.0979
.099-56 UNF-3B	0.0797	0.0865	0.0874	0.0895	0.0021	0.0990	0.0972
.112-40 UNC-2B	0.0849	0.0939	0.0958	0.0991	0.0033	0.1120	0.1099
.112-40 UNC-3B	0.0849	0.0939	0.0958	0.0982	0.0024	0.1120	0.1090
.112-48 UNF-2B	0.0894	0.0968	0.0985	0.1016	0.0031	0.1120	0.1106
.112-48 UNF-3B	0.0894	0.0968	0.0985	0.1008	0.0023	0.1120	0.1098
.125-40 UNC-2B	0.0979	0.1062	0.1088	0.1121	0.0033	0.1250	0.1229
.125-40 UNC-3B	0.0979	0.1062	0.1088	0.1113	0.0025	0.1250	0.1221
.125-44 UNF-2B	0.1004	0.1079	0.1102	0.1134	0.0032	0.1250	0.1232
.125-44 UNF-3B	0.1004	0.1079	0.1102	0.1126	0.0024	0.1250	0.1224
.138-32 UNC-2B	0.1040	0.1140	0.1177	0.1214	0.0037	0.1380	0.1349
.138-32 UNC-3B	0.1040	0.1140	0.1177	0.1204	0.0027	0.1380	0.1339
.138-40 UNF-2B	0.1110	0.1190	0.1218	0.1252	0.0034	0.1380	0.1360
.138-40 UNF-3B	0.1110	0.1186	0.1218	0.1243	0.0025	0.1380	0.1351
.164-32 UNC-2B	0.1300	0.1390	0.1437	0.1475	0.0038	0.1640	0.1610
.164-32 UNC-3B	0.1300	0.1389	0.1437	0.1465	0.0028	0.1640	0.1600
.164-36 UNF-2B	0.1340	0.1420	0.1460	0.1496	0.0036	0.1640	0.1616
.164-36 UNF-3B	0.1340	0.1416	0.1460	0.1487	0.0027	0.1640	0.1607
.190-24 UNC-2B	0.1450	0.1560	0.1629	0.1672	0.0043	0.1900	0.1852
.190-24 UNC-3B	0.1450	0.1555	0.1629	0.1661	0.0032	0.1900	0.1841
.190-32 UNF-2B	0.1560	0.1640	0.1697	0.1736	0.0039	0.1900	0.1871
.190-32 UNF-3B	0.1560	0.1641	0.1697	0.1726	0.0029	0.1900	0.1861
.216-24 UNC-2B	0.1710	0.1810	0.1889	0.1933	0.0044	0.2160	0.2113
.216-24 UNC-3B	0.1710	0.1807	0.1889	0.1922	0.0033	0.2160	0.2102
.216-28 UNF-2B	0.1770	0.1860	0.1928	0.1970	0.0042	0.2160	0.2125
.216-28 UNF-3B	0.1770	0.1857	0.1928	0.1959	0.0031	0.2160	0.2114
.216-32 UNEF-2B	0.1820	0.1900	0.1957	0.1998	0.0041	0.2160	0.2133
.216-32 UNEF-3B	0.1820	0.1895	0.1957	0.1988	0.0031	0.2160	0.2123
.250-20 UNC-1B	0.1960	0.2070	0.2175	0.2248	0.0073	0.2500	0.2465
.250-20 UNC-2B	0.1960	0.2070	0.2175	0.2224	0.0049	0.2500	0.2441
.250-20 UNC-3B	0.1960	0.2067	0.2175	0.2211	0.0036	0.2500	0.2428
.250-28 UNF-1B	0.2110	0.2200	0.2268	0.2333	0.0065	0.2500	0.2488
.250-28 UNF-2B	0.2110	0.2200	0.2268	0.2311	0.0043	0.2500	0.2466
.250-28 UNF-3B	0.2110	0.2190	0.2268	0.2300	0.0032	0.2500	0.2455
.250-32 UNEF-2B	0.2160	0.2240	0.2297	0.2339	0.0042	0.2500	0.2474
.250-32 UNEF-3B	0.2160	0.2229	0.2297	0.2328	0.0031	0.2500	0.2463



Pennoyer-Dodge Company

When You Want It Right...And Right Away!

Thread Plug Unified Pitch Diameters Classes 2B & 3B							
Nominal Size	Min. Minor	Max. Minor	Go P.D.	Not Go P.D.	Tol.	Go Major	Not Go Major
.3125-18 UNC-1B	0.2520	0.2650	0.2764	0.2843	0.0079	0.3125	0.3084
.3125-18 UNC-2B	0.2520	0.2650	0.2764	0.2817	0.0053	0.3125	0.3058
.3125-18 UNC-3B	0.2520	0.2630	0.2764	0.2803	0.0039	0.3125	0.3044
.3125-20 UN-2B	0.2580	0.2700	0.2800	0.2852	0.0052	0.3125	0.3069
.3125-20 UN-3B	0.2580	0.2680	0.2800	0.2839	0.0039	0.3125	0.3056
.3125-24 UNF-1B	0.2670	0.2770	0.2854	0.2925	0.0071	0.3125	0.3105
.3125-24 UNF-2B	0.2670	0.2770	0.2854	0.2902	0.0048	0.3125	0.3082
.3125-24 UNF-3B	0.2670	0.2754	0.2854	0.2890	0.0036	0.3125	0.3070
.3125-28 UN-2B	0.2740	0.2820	0.2893	0.2937	0.0044	0.3125	0.3092
.3125-28 UN-3B	0.2740	0.2807	0.2893	0.2926	0.0033	0.3125	0.3081
.3125-32 UNEF-2B	0.2790	0.2860	0.2922	0.2964	0.0042	0.3125	0.3099
.3125-32 UNEF-3B	0.2790	0.2847	0.2922	0.2953	0.0031	0.3125	0.3088
.375-16 UNC-1B	0.3070	0.3210	0.3344	0.3429	0.0085	0.3750	0.3700
.375-16 UNC-2B	0.3070	0.3210	0.3344	0.3401	0.0057	0.3750	0.3672
.375-16 UNC-3B	0.3070	0.3182	0.3344	0.3387	0.0043	0.3750	0.3658
.375-20 UN-2B	0.3210	0.3320	0.3425	0.3479	0.0054	0.3750	0.3696
.375-20 UN-3B	0.3210	0.3297	0.3425	0.3465	0.0040	0.3750	0.3682
.375-24 UNF-1B	0.3300	0.3400	0.3479	0.3553	0.0074	0.3750	0.3733
.375-24 UNF-2B	0.3300	0.3400	0.3479	0.3528	0.0049	0.3750	0.3708
.375-24 UNF-3B	0.3300	0.3372	0.3479	0.3516	0.0037	0.3750	0.3696
.375-28 UN-2B	0.3360	0.3450	0.3518	0.3564	0.0046	0.3750	0.3719
.375-28 UN-3B	0.3360	0.3426	0.3518	0.3553	0.0035	0.3750	0.3708
.375-32 UNEF-2B	0.3410	0.3490	0.3547	0.3591	0.0044	0.3750	0.3726
.375-32 UNEF-3B	0.3410	0.3469	0.3547	0.3580	0.0033	0.3750	0.3715
.4375-14 UNC-1B	0.3600	0.3760	0.3911	0.4003	0.0092	0.4375	0.4312
.4375-14 UNC-2B	0.3600	0.3760	0.3911	0.3972	0.0061	0.4375	0.4281
.4375-14 UNC-3B	0.3600	0.3717	0.3911	0.3957	0.0046	0.4375	0.4266
.4375-16 UN-2B	0.3700	0.3840	0.3969	0.4028	0.0059	0.4375	0.4299
.4375-16 UN-3B	0.3700	0.3800	0.3969	0.4014	0.0045	0.4375	0.4285
.4375-20 UNF-1B	0.3830	0.3950	0.4050	0.4131	0.0081	0.4375	0.4348
.4375-20 UNF-2B	0.3830	0.3950	0.4050	0.4104	0.0054	0.4375	0.4321
.4375-20 UNF-3B	0.3830	0.3916	0.4050	0.4091	0.0041	0.4375	0.4308
.4375-28 UNEF-2B	0.3990	0.4070	0.4143	0.4189	0.0046	0.4375	0.4344
.4375-28 UNEF-3B	0.3990	0.4051	0.4143	0.4178	0.0035	0.4375	0.4333
.4375-32 UN-2B	0.4040	0.4110	0.4172	0.4216	0.0044	0.4375	0.4351
.4375-32 UN-3B	0.4040	0.4094	0.4172	0.4205	0.0033	0.4375	0.4340
.500-13 UNC-1B	0.4170	0.4340	0.4500	0.4597	0.0097	0.5000	0.4930
.500-13 UNC-2B	0.4170	0.4340	0.4500	0.4565	0.0065	0.5000	0.4898
.500-13 UNC-3B	0.4170	0.4284	0.4500	0.4548	0.0048	0.5000	0.4881
.500-16 UN-2B	0.4320	0.4460	0.4594	0.4655	0.0061	0.5000	0.4926
.500-16 UN-3B	0.4320	0.4419	0.4594	0.4640	0.0046	0.5000	0.4911
.500-20 UNF-1B	0.4460	0.4570	0.4675	0.4759	0.0084	0.5000	0.4976
.500-20 UNF-2B	0.4460	0.4570	0.4675	0.4731	0.0056	0.5000	0.4948
.500-20 UNF-3B	0.4460	0.4537	0.4675	0.4717	0.0042	0.5000	0.4934
.500-28 UNEF-2B	0.4610	0.4700	0.4768	0.4816	0.0048	0.5000	0.4971
.500-28 UNEF-3B	0.4610	0.4676	0.4768	0.4804	0.0036	0.5000	0.4959
.500-32 UN-2B	0.4660	0.4740	0.4797	0.4842	0.0045	0.5000	0.4977
.500-32 UN-3B	0.4660	0.4719	0.4797	0.4831	0.0034	0.5000	0.4966



Pennoyer-Dodge Company

When You Want It Right...And Right Away!

Thread Plug Unified Pitch Diameters Classes 2B & 3B

Nominal Size	Min. Minor	Max. Minor	Go P.D.	Not Go P.D.	Tol.	Go Major	Not Go Major
.5625-12 UNC-1B	0.4720	0.4900	0.5084	0.5186	0.0102	0.5625	0.5547
.5625-12 UNC-2B	0.4720	0.4900	0.5084	0.5152	0.0068	0.5625	0.5513
.5625-12 UNC-3B	0.4720	0.4843	0.5084	0.5135	0.0051	0.5625	0.5496
.5625-16 UN-2B	0.4950	0.5090	0.5219	0.5280	0.0061	0.5625	0.5551
.5625-16 UN-3B	0.4950	0.5040	0.5219	0.5265	0.0046	0.5625	0.5536
.5625-18 UNF-1B	0.5020	0.5150	0.5264	0.5353	0.0089	0.5625	0.5594
.5625-18 UNF-2B	0.5020	0.5150	0.5264	0.5323	0.0059	0.5625	0.5564
.5625-18 UNF-3B	0.5020	0.5106	0.5264	0.5308	0.0044	0.5625	0.5549
.5625-20 UN-2B	0.5080	0.5200	0.5300	0.5355	0.0055	0.5625	0.5572
.5625-20 UN-3B	0.5080	0.5162	0.5300	0.5341	0.0041	0.5625	0.5558
.5625-24 UNEF-2B	0.5170	0.5270	0.5354	0.5405	0.0051	0.5625	0.5585
.5625-24 UNEF-3B	0.5170	0.5244	0.5354	0.5392	0.0038	0.5625	0.5572
.5625-28 UN-2B	0.5240	0.5320	0.5393	0.5441	0.0048	0.5625	0.5596
.5625-28 UN-3B	0.5240	0.5301	0.5393	0.5429	0.0036	0.5625	0.5584
.5625-32 UN-2B	0.5290	0.5360	0.5422	0.5467	0.0045	0.5625	0.5602
.5625-32 UN-3B	0.5290	0.5344	0.5422	0.5456	0.0034	0.5625	0.5591
.625-11 UNC-1B	0.5270	0.5460	0.5660	0.5767	0.0107	0.6250	0.6161
.625-11 UNC-2B	0.5270	0.5460	0.5660	0.5732	0.0072	0.6250	0.6126
.625-11 UNC-3B	0.5270	0.5391	0.5660	0.5714	0.0054	0.6250	0.6108
.625-12 UN-2B	0.5350	0.5530	0.5709	0.5780	0.0071	0.6250	0.6141
.625-12 UN-3B	0.5350	0.5463	0.5709	0.5762	0.0053	0.6250	0.6123
.625-16 UN-2B	0.5650	0.5710	0.5844	0.5906	0.0062	0.6250	0.6177
.625-16 UN-3B	0.5570	0.5662	0.5844	0.5890	0.0046	0.6250	0.6161
.625-18 UNF-1B	0.5650	0.5780	0.5889	0.5980	0.0091	0.6250	0.6221
.625-18 UNF-2B	0.5650	0.5780	0.5889	0.5949	0.0060	0.6250	0.6190
.625-18 UNF-3B	0.5650	0.5730	0.5889	0.5934	0.0045	0.6250	0.6175
.625-20 UN-2B	0.5710	0.5820	0.5925	0.5981	0.0056	0.6250	0.6198
.625-20 UN-3B	0.5710	0.5787	0.5925	0.5967	0.0042	0.6250	0.6184
.625-24 UNEF-2B	0.5800	0.5900	0.5979	0.6031	0.0052	0.6250	0.6211
.625-24 UNEF-3B	0.5800	0.5869	0.5979	0.6018	0.0039	0.6250	0.6198
.625-28 UN-2B	0.5860	0.5950	0.6018	0.6067	0.0049	0.6250	0.6222
.625-28 UN-3B	0.5860	0.5926	0.6018	0.6055	0.0037	0.6250	0.6210
.625-32 UN-2B	0.5910	0.5900	0.6047	0.6093	0.0046	0.6250	0.6228
.625-32 UN-3B	0.5910	0.5969	0.6047	0.6082	0.0035	0.6250	0.6217
.6875-12 UN-2B	0.5970	0.6150	0.6334	0.6405	0.0071	0.6875	0.6766
.6875-12 UN-3B	0.5970	0.6085	0.6334	0.6387	0.0053	0.6875	0.6748
.6875-16 UN-2B	0.6200	0.6340	0.6469	0.6531	0.0062	0.6875	0.6802
.6875-16 UN-3B	0.6200	0.6284	0.6469	0.6515	0.0046	0.6875	0.6786
.6875-20 UN-2B	0.6330	0.6450	0.6550	0.6606	0.0056	0.6875	0.6823
.6875-20 UN-3B	0.6330	0.6412	0.6550	0.6592	0.0042	0.6875	0.6809
.6875-24 UNEF-2B	0.6420	0.6520	0.6604	0.6656	0.0052	0.6875	0.6836
.6875-24 UNEF-3B	0.6420	0.6494	0.6604	0.6643	0.0039	0.6875	0.6823
.6875-28 UN-2B	0.6490	0.6570	0.6643	0.6692	0.0049	0.6875	0.6847
.6875-28 UN-3B	0.6490	0.6551	0.6643	0.6680	0.0037	0.6875	0.6835
.6875-32 UN-2B	0.6540	0.6610	0.6672	0.6718	0.0046	0.6875	0.6853
.6875-32 UN-3B	0.6540	0.6594	0.6672	0.6707	0.0035	0.6875	0.6842
.750-10 UNC-1B	0.6420	0.6630	0.6850	0.6965	0.0115	0.7500	0.7398
.750-10 UNC-2B	0.6420	0.6630	0.6850	0.6927	0.0077	0.7500	0.7360
.750-10 UNC-3B	0.6420	0.6545	0.6850	0.6907	0.0057	0.7500	0.7340
.750-12 UN-2B	0.6600	0.6780	0.6959	0.7031	0.0072	0.7500	0.7392
.750-12 UN-3B	0.6600	0.6707	0.6959	0.7013	0.0054	0.7500	0.7374



Pennoyer-Dodge Company

When You Want It Right...And Right Away!

Thread Plug Unified Pitch Diameters Classes 2B & 3B							
Nominal Size	Min. Minor	Max. Minor	Go P.D.	Not Go P.D.	Tol.	Go Major	Not Go Major
.750-16 UNF-1B	0.6820	0.6960	0.7094	0.7192	0.0098	0.7500	0.7463
.750-16 UNF-2B	0.6820	0.6960	0.7094	0.7159	0.0065	0.7500	0.7430
.750-16 UNF-3B	0.6820	0.6908	0.7094	0.7143	0.0049	0.7500	0.7414
.750-20 UNEF-2B	0.6960	0.7070	0.7175	0.7232	0.0057	0.7500	0.7449
.750-20 UNEF-3B	0.6960	0.7037	0.7175	0.7218	0.0043	0.7500	0.7435
.750-28 UN-2B	0.7110	0.7200	0.7268	0.7318	0.0050	0.7500	0.7473
.750-28 UN-3B	0.7110	0.7176	0.7268	0.7305	0.0037	0.7500	0.7460
.750-32 UN-2B	0.7160	0.7240	0.7297	0.7344	0.0047	0.7500	0.7479
.750-32 UN-3B	0.7160	0.7219	0.7297	0.7333	0.0036	0.7500	0.7468
.8125-12 UN-2B	0.7220	0.7400	0.7584	0.7656	0.0072	0.8125	0.8017
.8125-12 UN-3B	0.7220	0.7329	0.7584	0.7638	0.0054	0.8125	0.7999
.8125-16 UN-2B	0.7450	0.7590	0.7719	0.7782	0.0063	0.8125	0.8053
.8125-16 UN-3B	0.7450	0.7533	0.7719	0.7766	0.0047	0.8125	0.8037
.8125-20 UNEF-2B	0.7580	0.7700	0.7800	0.7857	0.0057	0.8125	0.8074
.8125-20 UNEF-3B	0.7580	0.7662	0.7800	0.7843	0.0043	0.8125	0.8060
.8125-28 UN-2B	0.7740	0.7820	0.7893	0.7943	0.0050	0.8125	0.8098
.8125-28 UN-3B	0.7740	0.7801	0.7893	0.7930	0.0037	0.8125	0.8085
.8125-32 UN-2B	0.7790	0.7860	0.7922	0.7969	0.0047	0.8125	0.8104
.8125-32 UN-3B	0.7790	0.7844	0.7922	0.7958	0.0036	0.8125	0.8093
.875-9 UNC-1B	0.7550	0.7780	0.8028	0.8151	0.0123	0.8750	0.8632
.875-9 UNC-2B	0.7550	0.7780	0.8028	0.8110	0.0082	0.8750	0.8591
.875-9 UNC-3B	0.7550	0.7681	0.8028	0.8089	0.0061	0.8750	0.8570
.875-12 UN-2B	0.7850	0.8030	0.8209	0.8281	0.0072	0.8750	0.8642
.875-12 UN-3B	0.7850	0.7948	0.8209	0.8263	0.0054	0.8750	0.8624
.875-14 UNF-1B	0.7980	0.8140	0.8286	0.8392	0.0106	0.8750	0.8701
.875-14 UNF-2B	0.7980	0.8140	0.8286	0.8356	0.0070	0.8750	0.8665
.875-14 UNF-3B	0.7980	0.8068	0.8286	0.8339	0.0053	0.8750	0.8648
.875-16 UN-2B	0.8070	0.8210	0.8344	0.8407	0.0063	0.8750	0.8678
.875-16 UN-3B	0.8070	0.8158	0.8344	0.8391	0.0047	0.8750	0.8662
.875-20 UNEF-2B	0.8210	0.8320	0.8425	0.8482	0.0057	0.8750	0.8699
.875-20 UNEF-3B	0.8210	0.8287	0.8425	0.8468	0.0043	0.8750	0.8685
.875-28 UN-2B	0.8360	0.8450	0.8518	0.8568	0.0050	0.8750	0.8723
.875-28 UN-3B	0.8360	0.8426	0.8518	0.8555	0.0037	0.8750	0.8710
.875-32 UN-2B	0.8410	0.8490	0.8547	0.8594	0.0047	0.8750	0.8729
.875-32 UN-3B	0.8410	0.8469	0.8547	0.8583	0.0036	0.8750	0.8718
.9375-12 UN-2B	0.8470	0.8650	0.8834	0.8908	0.0074	0.9375	0.9269
.9375-12 UN-3B	0.8470	0.8575	0.8834	0.8889	0.0055	0.9375	0.9250
.9375-16 UN-2B	0.8700	0.8840	0.8969	0.9034	0.0065	0.9375	0.9305
.9375-16 UN-3B	0.8700	0.8783	0.8969	0.9018	0.0049	0.9375	0.9289
.9375-20 UNEF-2B	0.8830	0.8950	0.9050	0.9109	0.0059	0.9375	0.9326
.9375-20 UNEF-3B	0.8830	0.8912	0.9050	0.9094	0.0044	0.9375	0.9311
.9375-28 UN-2B	0.8990	0.9070	0.9143	0.9195	0.0052	0.9375	0.9350
.9375-28 UN-3B	0.8990	0.9051	0.9143	0.9182	0.0039	0.9375	0.9337
.9375-32 UN-2B	0.9040	0.9110	0.9172	0.9221	0.0049	0.9375	0.9356
.9375-32 UN-3B	0.9040	0.9094	0.9172	0.9209	0.0037	0.9375	0.9344
1.000-8 UNC-1B	0.8650	0.8900	0.9188	0.9320	0.0132	1.0000	0.9861
1.000-8 UNC-2B	0.8650	0.8900	0.9188	0.9276	0.0088	1.0000	0.9817
1.000-8 UNC-3B	0.8650	0.8797	0.9188	0.9254	0.0066	1.0000	0.9795
1.000-12 UNF-1B	0.9100	0.9280	0.9459	0.9573	0.0114	1.0000	0.9934
1.000-12 UNF-2B	0.9100	0.9280	0.9459	0.9535	0.0076	1.0000	0.9896
1.000-12 UNF-3B	0.9100	0.9198	0.9459	0.9516	0.0057	1.0000	0.9877



Pennoyer-Dodge Company

When You Want It Right...And Right Away!

Thread Plug Unified Pitch Diameters Classes 2B & 3B							
Nominal Size	Min. Minor	Max. Minor	Go P.D.	Not Go P.D.	Tol.	Go Major	Not Go Major
1.000-14 UNS-1B	0.9230	0.9380	0.9536	0.9645	0.0109	1.0000	0.9954
1.000-14 UNS-2B	0.9230	0.9380	0.9536	0.9609	0.0073	1.0000	0.9918
1.000-14 UNS-3B	0.9230	0.9315	0.9536	0.9590	0.0054	1.0000	0.9899
1.000-16 UN-2B	0.9320	0.9460	0.9594	0.9659	0.0065	1.0000	0.9930
1.000-16 UN-3B	0.9320	0.9408	0.9594	0.9643	0.0049	1.0000	0.9914
1.000-20 UNEF-2B	0.9460	0.9570	0.9675	0.9734	0.0059	1.0000	0.9951
1.000-20 UNEF-3B	0.9460	0.9537	0.9675	0.9719	0.0044	1.0000	0.9936
1.000-28 UN-2B	0.9610	0.9700	0.9768	0.9820	0.0052	1.0000	0.9975
1.000-28 UN-3B	0.9610	0.9676	0.9768	0.9807	0.0039	1.0000	0.9962
1.000-32 UN-2B	0.9660	0.9740	0.9797	0.9846	0.0049	1.0000	0.9981
1.000-32 UN-3B	0.9660	0.9719	0.9797	0.9834	0.0037	1.0000	0.9969
1.0625-8 UN-2B	0.9270	0.9520	0.9813	0.9902	0.0089	1.0625	1.0443
1.0625-8 UN-3B	0.9270	0.9422	0.9813	0.9880	0.0067	1.0625	1.0421
1.0625-12 UN-2B	0.9720	0.9900	1.0084	1.0158	0.0074	1.0625	1.0519
1.0625-12 UN-3B	0.9720	0.9823	1.0084	1.0139	0.0055	1.0625	1.0500
1.0625-16 UN-2B	0.9950	1.0090	1.0219	1.0284	0.0065	1.0625	1.0555
1.0625-16 UN-3B	0.9950	1.0033	1.0219	1.0268	0.0049	1.0625	1.0539
1.0625-18 UNEF-2B	1.0020	1.0150	1.0264	1.0326	0.0062	1.0625	1.0567
1.0625-18 UNEF-3B	1.0020	1.0105	1.0264	1.0310	0.0046	1.0625	1.0551
1.0625-20 UN-2B	1.0080	1.0200	1.0300	1.0359	0.0059	1.0625	1.0576
1.0625-20 UN-3B	1.0080	1.0162	1.0300	1.0344	0.0044	1.0625	1.0561
1.0625-28 UN-2B	1.0240	1.0320	1.0393	1.0445	0.0052	1.0625	1.0600
1.0625-28 UN-3B	1.0240	1.0301	1.0393	1.0432	0.0039	1.0625	1.0587
1.125-7 UNC-1B	0.9700	0.9980	1.0322	1.0463	0.0141	1.1250	1.1082
1.125-7 UNC-2B	0.9700	0.9980	1.0322	1.0416	0.0094	1.1250	1.1035
1.125-7 UNC-3B	0.9700	0.9875	1.0322	1.0393	0.0071	1.1250	1.1012
1.125-8 UN-2B	0.9900	1.0150	1.0438	1.0528	0.0090	1.1250	1.1069
1.125-8 UN-3B	0.9900	1.0047	1.0438	1.0505	0.0067	1.1250	1.1046
1.125-12 UNF-1B	1.0350	1.0530	1.0709	1.0826	0.0117	1.1250	1.1187
1.125-12 UNF-2B	1.0350	1.0530	1.0709	1.0787	0.0078	1.1250	1.1148
1.125-12 UNF-3B	1.0350	1.0448	1.0709	1.0768	0.0059	1.1250	1.1129
1.125-16 UN-2B	1.0570	1.0710	1.0844	1.0909	0.0065	1.1250	1.1180
1.125-16 UN-3B	1.0570	1.0658	1.0844	1.0893	0.0049	1.1250	1.1164
1.125-18 UNEF-2B	1.0650	1.0780	1.0889	1.0951	0.0062	1.1250	1.1192
1.125-18 UNEF-3B	1.0625	1.0730	1.0889	1.0935	0.0046	1.1250	1.1176
1.125-20 UN-2B	1.0710	1.0820	1.0925	1.0984	0.0059	1.1250	1.1201
1.125-20 UN-3B	1.0710	1.0787	1.0925	1.0969	0.0044	1.1250	1.1186
1.125-28 UN-2B	1.0860	1.0950	1.1018	1.1070	0.0052	1.1250	1.1225
1.125-28 UN-3B	1.0860	1.0926	1.1018	1.1057	0.0039	1.1250	1.1212
1.1875-8 UN-2B	1.0520	1.0770	1.1063	1.1154	0.0091	1.1875	1.1695
1.1875-8 UN-3B	1.0520	1.0672	1.1063	1.1131	0.0068	1.1875	1.1672
1.1875-12 UN-2B	1.0970	1.1150	1.1334	1.1409	0.0075	1.1875	1.1770
1.1875-12 UN-3B	1.0970	1.1073	1.1334	1.1390	0.0056	1.1875	1.1751
1.1875-16 UN-2B	1.1200	1.1340	1.1469	1.1535	0.0066	1.1875	1.1806
1.1875-16 UN-3B	1.1200	1.1283	1.1469	1.1519	0.0050	1.1875	1.1790
1.1875-18 UNEF-2B	1.1270	1.1400	1.1514	1.1577	0.0063	1.1875	1.1818
1.1875-18 UNEF-3B	1.1270	1.1355	1.1514	1.1561	0.0047	1.1875	1.1802
1.1875-20 UN-2B	1.1330	1.1450	1.1550	1.1611	0.0061	1.1875	1.1828
1.1875-20 UN-3B	1.1330	1.1412	1.1550	1.1595	0.0045	1.1875	1.1812
1.1875-28 UN-2B	1.1490	1.1570	1.1643	1.1696	0.0053	1.1875	1.1851
1.1875-28 UN-3B	1.1490	1.1551	1.1643	1.1683	0.0040	1.1875	1.1838



Pennoyer-Dodge Company

When You Want It Right...And Right Away!

Thread Plug Unified Pitch Diameters Classes 2B & 3B							
Nominal Size	Min. Minor	Max. Minor	Go P.D.	Not Go P.D.	Tol.	Go Major	Not Go Major
1.250-7 UNC-1B	1.0950	1.1230	1.1572	1.1716	0.0144	1.2500	1.2335
1.250-7 UNC-2B	1.0950	1.1230	1.1572	1.1668	0.0096	1.2500	1.2287
1.250-7 UNC-3B	1.0950	1.1125	1.1572	1.1644	0.0072	1.2500	1.2263
1.250-8 UN-2B	1.1150	1.1400	1.1688	1.1780	0.0092	1.2500	1.2321
1.250-8 UN-3B	1.1150	1.1297	1.1688	1.1757	0.0069	1.2500	1.2298
1.250-12 UNF-1B	1.1600	1.1780	1.1959	1.2079	0.0120	1.2500	1.2440
1.250-12 UNF-2B	1.1600	1.1780	1.1959	1.2039	0.0080	1.2500	1.2400
1.250-12 UNF-3B	1.1600	1.1698	1.1959	1.2019	0.0060	1.2500	1.2380
1.250-16 UN-2B	1.1820	1.1960	1.2094	1.2160	0.0066	1.2500	1.2431
1.250-16 UN-3B	1.1820	1.1908	1.2094	1.2144	0.0050	1.2500	1.2415
1.250-18 UNEF-2B	1.1900	1.2030	1.2139	1.2202	0.0063	1.2500	1.2443
1.250-18 UNEF-3B	1.1900	1.1980	1.2139	1.2186	0.0047	1.2500	1.2427
1.250-20 UN-2B	1.1960	1.2070	1.2175	1.2236	0.0061	1.2500	1.2453
1.250-20 UN-3B	1.1960	1.2037	1.2175	1.2220	0.0045	1.2500	1.2437
1.250-28 UN-2B	1.2110	1.2200	1.2268	1.2321	0.0053	1.2500	1.2476
1.250-28 UN-3B	1.2110	1.2176	1.2268	1.2308	0.0040	1.2500	1.2463
1.3125-8 UN-2B	1.1770	1.2020	1.2313	1.2405	0.0092	1.3125	1.2946
1.3125-8 UN-3B	1.1770	1.1922	1.2313	1.2382	0.0069	1.3125	1.2923
1.3125-12 UN-2B	1.2220	1.2400	1.2584	1.2659	0.0075	1.3125	1.3020
1.3125-12 UN-3B	1.2220	1.2323	1.2584	1.2640	0.0056	1.3125	1.3001
1.3125-16 UN-2B	1.2450	1.2590	1.2719	1.2785	0.0066	1.3125	1.3056
1.3125-16 UN-3B	1.2450	1.2533	1.2719	1.2769	0.0050	1.3125	1.3040
1.3125-18 UNEF-2B	1.2520	1.2650	1.2764	1.2827	0.0063	1.3125	1.3068
1.3125-18 UNEF-3B	1.2520	1.2605	1.2764	1.2811	0.0047	1.3125	1.3052
1.3125-20 UN-2B	1.2580	1.2700	1.2800	1.2861	0.0061	1.3125	1.3078
1.3125-20 UN-3B	1.2580	1.2662	1.2800	1.2845	0.0045	1.3125	1.3062
1.3125-28 UN-2B	1.2740	1.2820	1.2893	1.2946	0.0053	1.3125	1.3101
1.3125-28 UN-3B	1.2740	1.2801	1.2893	1.2933	0.0040	1.3125	1.3088
1.375-6 UNC-1B	1.1950	1.2250	1.2667	1.2822	0.0155	1.3750	1.3544
1.375-6 UNC-2B	1.1950	1.2250	1.2667	1.2771	0.0104	1.3750	1.3493
1.375-6 UNC-3B	1.1950	1.2146	1.2667	1.2745	0.0078	1.3750	1.3467
1.375-8 UN-2B	1.2400	1.2650	1.2938	1.3031	0.0093	1.3750	1.3572
1.375-8 UN-3B	1.2400	1.2547	1.2938	1.3008	0.0070	1.3750	1.3549
1.375-12 UNF-1B	1.2850	1.3030	1.3209	1.3332	0.0123	1.3750	1.3693
1.375-12 UNF-2B	1.2850	1.3030	1.3209	1.3291	0.0082	1.3750	1.3652
1.375-12 UNF-3B	1.2850	1.2948	1.3209	1.3270	0.0061	1.3750	1.3631
1.375-16 UN-2B	1.3070	1.3210	1.3344	1.3410	0.0066	1.3750	1.3681
1.375-16 UN-3B	1.3070	1.3158	1.3344	1.3394	0.0050	1.3750	1.3665
1.375-18 UNEF-2B	1.3150	1.3280	1.3389	1.3452	0.0063	1.3750	1.3693
1.375-18 UNEF-3B	1.3150	1.3230	1.3389	1.3436	0.0047	1.3750	1.3677
1.375-20 UN-2B	1.3210	1.3320	1.3425	1.3486	0.0061	1.3750	1.3703
1.375-20 UN-3B	1.3210	1.3287	1.3425	1.3470	0.0045	1.3750	1.3687
1.375-28 UN-2B	1.3360	1.3450	1.3518	1.3571	0.0053	1.3750	1.3726
1.375-28 UN-3B	1.3360	1.3426	1.3518	1.3558	0.0040	1.3750	1.3713
1.4375-6 UN-2B	1.2570	1.2880	1.3292	1.3396	0.0104	1.4375	1.4118
1.4375-6 UN-3B	1.2570	1.2771	1.3292	1.3370	0.0078	1.4375	1.4092
1.4375-8 UN-2B	1.3020	1.3270	1.3563	1.3657	0.0094	1.4375	1.4198
1.4375-8 UN-3B	1.3020	1.3172	1.3563	1.3634	0.0071	1.4375	1.4175
1.4375-12 UN-2B	1.3470	1.3650	1.3834	1.3910	0.0076	1.4375	1.4271
1.4375-12 UN-3B	1.3470	1.3573	1.3834	1.3891	0.0057	1.4375	1.4252



Pennoyer-Dodge Company

When You Want It Right...*And Right Away!*

Thread Plug Unified Pitch Diameters Classes 2B & 3B							
Nominal Size	Min. Minor	Max. Minor	Go P.D.	Not Go P.D.	Tol.	Go Major	Not Go Major
1.4375-16 UN-2B	1.3700	1.3840	1.3969	1.4037	0.0068	1.4375	1.4308
1.4375-16 UN-3B	1.3700	1.3783	1.3969	1.4020	0.0051	1.4375	1.4291
1.4375-18 UNEF-2B	1.3770	1.3900	1.4014	1.4079	0.0065	1.4375	1.4320
1.4375-18 UNEF-3B	1.3770	1.3855	1.4014	1.4062	0.0048	1.4375	1.4303
1.4375-20 UN-2B	1.3830	1.3950	1.4050	1.4112	0.0062	1.4375	1.4329
1.4375-20 UN-3B	1.3830	1.3912	1.4050	1.4096	0.0046	1.4375	1.4313
1.4375-28 UN-2B	1.3990	1.4070	1.4143	1.4198	0.0055	1.4375	1.4353
1.4375-28 UN-3B	1.3990	1.4051	1.4143	1.4184	0.0041	1.4375	1.4339
1.500-6 UNC-1B	1.3200	1.3500	1.3917	1.4075	0.0158	1.5000	1.4797
1.500-6 UNC-2B	1.3200	1.3500	1.3917	1.4022	0.0105	1.5000	1.4744
1.500-6 UNC-3B	1.3200	1.3396	1.3917	1.3996	0.0079	1.5000	1.4718
1.500-8 UN-2B	1.3650	1.3900	1.4188	1.4283	0.0095	1.5000	1.4824
1.500-8 UN-3B	1.3650	1.3797	1.4188	1.4259	0.0071	1.5000	1.4800
1.500-12 UNF-1B	1.4100	1.4280	1.4459	1.4584	0.0125	1.5000	1.4945
1.500-12 UNF-2B	1.4100	1.4280	1.4459	1.4542	0.0083	1.5000	1.4903
1.500-12 UNF-3B	1.4100	1.4198	1.4459	1.4522	0.0063	1.5000	1.4883
1.500-16 UN-2B	1.4320	1.4460	1.4594	1.4662	0.0068	1.5000	1.4933
1.500-16 UN-3B	1.4320	1.4408	1.4594	1.4645	0.0051	1.5000	1.4916
1.500-18 UNEF-2B	1.4400	1.4520	1.4639	1.4704	0.0065	1.5000	1.4945
1.500-18 UNEF-3B	1.4400	1.4480	1.4639	1.4687	0.0048	1.5000	1.4928