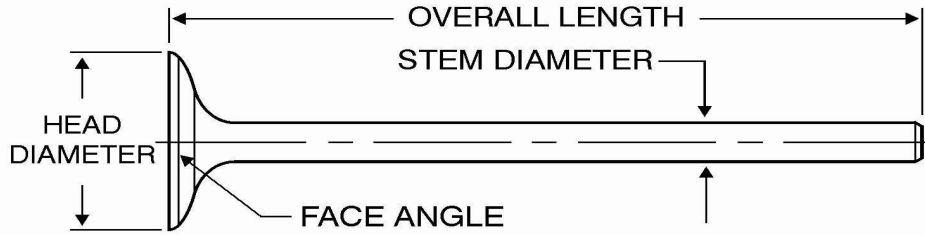
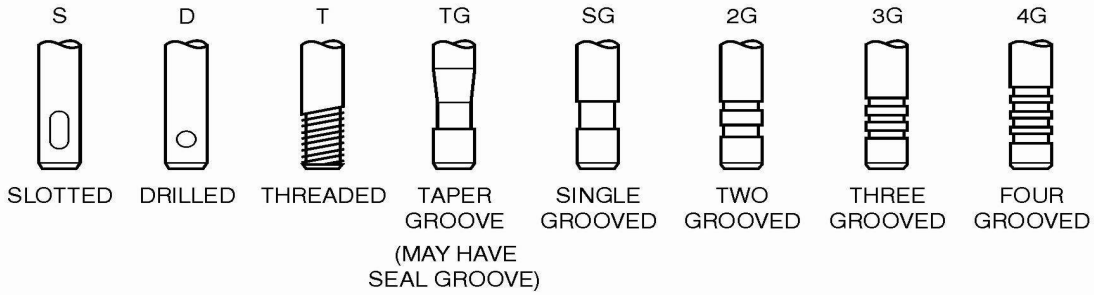


VALVE PROGRESSIVE SIZE CHART

Indexed by Head Diameter



STEM TYPES



Head Diameter	Overall Length	Stem Diameter	Face Angle	Stem Type	Melling Part No.
0.890	3.265	0.313	45	Drilled Stem	V0285
0.906	3.390	0.310	45	Single Groove	V0485
0.919	4.195	0.194	46	Three Grooves	V5820
0.950	4.736	0.341	45	Two Grooves	V5225
0.980	3.764	0.214	45	Single Groove	V2195
0.982	3.690	0.194	45.15	Three Grooves	V3368S
0.984	3.638	0.234	45	Single Groove	V0813
0.988	4.358	0.195	45	Three Grooves	V3322S
1.005	3.925	0.235	45	Single Groove	V5177
1.015	4.032	0.313	45	Drilled Stem	V0250
1.015	4.077	0.313	44	Single Groove	V0489
1.015	3.969	0.313	45	Tapered Groove	V0824
1.015	3.740	0.214	45	Single Groove	V3039
1.015	3.938	0.313	45	Drilled Stem	V0234
1.023	4.565	0.215	45	Single Groove	V5525
1.024	3.494	0.215	45	Single Groove	V5781
1.025	3.647	0.217	45	Single Groove	V5566
1.031	4.180	0.235	45	Single Groove	V5159
1.031	4.337	0.196	45	Three Grooves	V5809
1.042	3.977	0.235	45	Single Groove	V5180
1.059	4.137	0.234	45	Three Grooves	V5804S
1.064	4.105	0.215	45	Single Groove	V5571
1.071	3.986	0.234	45	Single Groove	V2248
1.071	3.787	0.235	45	Single Groove	V5333
1.075	3.740	0.236	45	Single Groove	V5306
1.075	3.757	0.216	45	Single Groove	V5553
1.079	4.262	0.215	45.30	Single Groove	V3366
1.080	4.384	0.234	45	Single Groove	V5567
1.081	4.598	0.234	45	Single Groove	V0817
1.081	3.967	0.273	45	Single Groove	V5521
1.082	3.860	0.235	45	Single Groove	V5338
1.083	3.823	0.235	45	Single Groove	V0809
1.090	5.550	0.248	60	Single Groove	V0759
1.094	3.390	0.310	45	Single Groove	V0230

VALVE PROGRESSIVE SIZE CHART (Cont.)

Indexed by Head Diameter

Head Diameter	Overall Length	Stem Diameter	Face Angle	Stem Type	Melling Part No.
1.094	3.798	0.215	45	Single Groove	V2194
1.095	4.179	0.232	45	Three Grooves	V1921
1.100	3.700	0.190	45.0	Three Grooves	V3367
1.102	5.059	0.274	53	Single Groove	V2180
1.102	4.445	0.258	45	Single Groove	V5081
1.102	4.173	0.258	45	Single Groove	V5196
1.102	3.866	0.273	45	Single Groove	V5354
1.102	4.102	0.266	45	Single Groove	V5179
1.102	4.191	0.195	45	Three Grooves	V5819
1.103	4.479	0.274	45	Single Groove	V5080
1.103	3.398	0.234	45	Single Groove	V5787
1.107	3.515	0.235	45	Single Groove	V5258
1.110	3.614	0.235	45	Single Groove	V0812
1.114	3.813	0.214	44.50	Three Grooves	V3429
1.120	4.324	0.233	45	Three Grooves	V2009
1.122	4.000	0.235	45	Single Groove	V2247
1.130	4.614	0.233	45	Single Groove	V1742
1.130	4.614	0.232	45	Three Grooves	V1992
1.137	4.169	0.215	44.50	Single Groove	V3256
1.137	4.071	0.234	45	Single Groove	V3442
1.138	3.919	0.235	45	Single Groove	V5327
1.139	4.033	0.214	45	Single Groove	V2005
1.141	4.725	0.214	45	Three Grooves	V3402
1.141	4.488	0.260	45	Single Groove	V5187
1.141	4.862	0.214	45	Single Groove	V5198
1.141	3.934	0.314	45	Single Groove	V5308
1.142	4.961	0.272	45	Three Grooves	V1713
1.142	3.630	0.234	45	Three Grooves	V2040S
1.142	4.161	0.215	45	Single Groove	V3191
1.142	4.043	0.258	45	Single Groove	V5207
1.142	4.490	0.235	45	Single Groove	V5535
1.142	4.496	0.215	45	Single Groove	V5542
1.142	4.071	0.235	45	Single Groove	V5816
1.142	4.260	0.233	45	Single Groove	V1937
1.142	4.470	0.256	45	Single Groove	V5259
1.146	3.614	0.235	45	Single Groove	V3047
1.150	3.783	0.215	45	Single Groove	V3038
1.161	4.165	0.217	45	Single Groove	V3089
1.161	5.138	0.273	39.5	Single Groove	V3183
1.161	5.138	0.279	39.5	Single Groove	V3183+6
1.164	4.082	0.234	45	Single Groove	V5285
1.166	3.740	0.196	45.45	Three Grooves	V5810
1.177	4.090	0.234	45	Three Grooves	V5803S
1.177	4.090	0.234	45	Three Grooves	V5805S
1.177	4.120	0.215	45	Single Groove	V5823
1.179	4.390	0.234	45	Three Grooves	V3462
1.179	3.818	0.195	45	Three Grooves	V3321
1.180	5.528	0.310	30	Single Groove	V1500
1.180	3.814	0.235	45	Single Groove	V5168
1.180	3.637	0.215	45	Single Groove	V5224
1.181	4.311	0.274	45	Single Groove	V1674
1.181	4.579	0.274	45	Three Grooves	V1708
1.181	4.546	0.235	45	Three Grooves	V1788
1.181	4.120	0.215	45	Single Groove	V2007
1.181	4.280	0.217	45	Single Groove	V3173
1.181	4.551	0.234	45	Three Grooves	V3264
1.181	4.409	0.312	45	Three Grooves	V5002
1.181	4.086	0.313	45	Single Groove	V5033

VALVE PROGRESSIVE SIZE CHART (Cont.)

Indexed by Head Diameter

Head Diameter	Overall Length	Stem Diameter	Face Angle	Stem Type	Melling Part No.
1.181	3.982	0.258	45	Single Groove	V5097
1.181	4.457	0.276	45	Single Groove	V5113
1.181	4.429	0.259	45	Single Groove	V5186
1.181	4.745	0.259	45	Single Groove	V5192
1.181	4.668	0.216	45	Single Groove	V5524
1.183	3.600	0.235	45	Single Groove	V5314
1.185	4.500	0.215	45	Single Groove	V0779
1.185	4.500	0.215	45	Single Groove	V0779IN
1.185	3.968	0.234	44	Three Grooves	V2010
1.185	3.931	0.313	45	Single Groove	V5250
1.185	4.648	0.274	45	Single Groove	V5252
1.186	4.432	0.258	45	Single Groove	V5057
1.195	5.242	0.275	44.50	Three Grooves	V3266
1.198	4.316	0.258	45	Single Groove	V5128
1.200	4.153	0.258	45	Single Groove	V5501
1.201	4.150	0.257	45	Single Groove	V0811
1.201	4.318	0.233	45	Single Groove	V1731
1.201	4.246	0.234	44	Three Grooves	V1999
1.201	3.926	0.235	45	Single Groove	V5176
1.203	5.173	0.338	45	Drilled Stem	V0170
1.203	4.352	0.338	44	Single Groove	V0596
1.203	5.153	0.339	45	Single Groove	V0837
1.203	5.188	0.338	45	Single Groove	V1147
1.203	4.016	0.310	30	Drilled Stem	V0251
1.203	3.953	0.315	30	Tapered Groove	V0825
1.205	3.823	0.234	44.25	Single Groove	V3082
1.205	3.748	0.234	45	Single Groove	V3212
1.205	3.823	0.234	44.25	Single Groove	V3335
1.209	3.892	0.235	45	Single Groove	V3078
1.217	4.961	0.273	45	Single Groove	V2176
1.217	4.444	0.216	45.30	Single Groove	V5812
1.218	3.936	0.313	45	Single Groove	V5129
1.220	3.756	0.216	44.50	Single Groove	V3226
1.220	4.156	0.215	44.50	Single Groove	V3287
1.220	4.272	0.236	45	Three Grooves	V3295
1.220	3.756	0.215	44.50	Single Groove	V3345S
1.220	4.041	0.313	45	Single Groove	V5083
1.220	4.041	0.313	45	Single Groove	V5099
1.220	4.140	0.274	45	Single Groove	V5104
1.220	3.979	0.275	45	Single Groove	V5183
1.220	4.156	0.273	45	Single Groove	V5210
1.220	4.718	0.274	45	Single Groove	V5254
1.220	3.972	0.276	45	Single Groove	V5262
1.220	4.284	0.217	45	Single Groove	V5562
1.220	4.242	0.235	45.50	Single Groove	V5570
1.220	3.977	0.266	45	Single Groove	V5178
1.220	3.499	0.235	45	Single Groove	V5257
1.220	3.492	0.215	45	Single Groove	V5780
1.226	3.880	0.313	45	Single Groove	V5006
1.226	4.116	0.313	45	Single Groove	V5369
1.227	3.875	0.313	45	Three Grooves	V5364
1.238	3.955	0.234	46	Three Grooves	V3468
1.238	3.668	0.216	45	Single Groove	V5564
1.239	4.265	0.310/0.309	45	Three Grooves	V1243
1.239	4.308	0.275	45	Single Groove	V1727
1.239	4.791	0.234	45	Single Groove	V5807
1.240	4.203	0.215	45	Single Groove	V3209
1.240	4.382	0.310	45	Three Grooves	V5089

VALVE PROGRESSIVE SIZE CHART (Cont.)

Indexed by Head Diameter

Head Diameter	Overall Length	Stem Diameter	Face Angle	Stem Type	Melling Part No.
1.244	4.325	0.325	45.30	Three Grooves	V5818
1.250	4.437	0.310	45	Single Groove	V1041
1.256	4.052	0.270	45	Single Groove	V5115
1.257	4.502	0.235	45	Single Groove	V0816
1.258	4.305	0.181	45	Single Groove	V3365
1.258	3.859	0.235	45	Single Groove	V5337
1.260	3.896	0.313	44	Single Groove	V1342
1.260	4.344	0.216	45	Single Groove	V3087
1.260	4.311	0.260	45	Single Groove	V5185
1.260	4.559	0.315	45	Single Groove	V5215
1.260	4.622	0.315	45	Single Groove	V5280
1.260	3.781	0.235	45	Single Groove	V0808
1.260	3.822	0.237	45	Single Groove	V1898
1.260	3.962	0.236	45	Single Groove	V5318
1.260	1.020	0.235	45	Three Grooves	V5784
1.261	4.144	0.295	45	Single Groove	V5118
1.271	4.156	0.315	44	Three Grooves	V1300
1.271	3.996	0.274	45	Single Groove	V5520
1.278	3.970	0.315	30	Drilled Stem	V0343
1.280	4.804	0.310	45	No Grooves	V0173
1.280	4.242	0.214	44.5	Three Grooves	V3428
1.280	4.562	0.275	45	Single Groove	V5162
1.280	4.071	.215	45	Single Groove	V5824
1.281	4.816	0.341	45	Single Groove	V0220
1.291	4.578	0.236	45	Single Groove	V5260
1.295	3.588	0.274	45	Three Grooves	V5734
1.296	4.613	0.350	45	Three Grooves	V5011
1.296	4.230	0.313	45	Single Groove	V5079
1.298	5.341	0.352	45	Single Groove	V5009
1.298	4.421	0.235	45	Single Groove	V5534
1.299	4.729	0.342	46	Single Groove	V1558
1.299	4.893	0.276	45	Single Groove	V3006
1.299	4.910	0.276	30	Single Groove	V2014
1.299	4.976	0.274	45	Single Groove	V2175
1.299	4.030	0.217	45	Single Groove	V5565
1.300	6.062	0.372	45	Single Groove	V0592
1.300	4.680	0.343	44	Single Groove	V1322
1.300	4.213	0.316	45	Single Groove	V5060
1.300	4.437	0.314	45	Single Groove	V5084
1.301	4.735	0.341	45	Single Groove	V1463
1.302	4.335	0.235	45	Single Groove	V5568
1.305	3.942	0.312	45	Three Grooves	V5360
1.306	3.569	0.313	45	Three Grooves	V5356
1.307	4.727	0.342/0.341	45	Two Grooves	V1394
1.309	4.512	0.234	45.0	Single Groove	V1741
1.312	5.281	0.341	45	Two Grooves	V0503
1.313	5.156	0.373	45	Two Grooves	V0323
1.316	4.502	0.311	45	Single Groove	V0873
1.320	3.966	0.256	45	Single Groove	V5325
1.323	4.252	0.234	44	Three Grooves	V3046
1.328	5.192	0.338	44	Drilled Stem	V0196
1.328	5.198	0.339	44	Single Groove	V0210
1.328	5.088	0.339	45	Tapered Groove	V0361
1.328	4.957	0.341	30	Two Grooves	V0269
1.328	4.328	0.341	30	Single Groove	V0597
1.330	4.260	0.234	45	Three Grooves	V1920
1.331	4.618	0.236	45	Three Grooves	V2118
1.331	5.242	0.275	29.50	Three Grooves	V3265

VALVE PROGRESSIVE SIZE CHART (Cont.)

Indexed by Head Diameter

Head Diameter	Overall Length	Stem Diameter	Face Angle	Stem Type	Melling Part No.
1.333	3.885	0.314	45	Single Groove	V5007
1.335	4.851	0.314	45	Single Groove	V5046
1.335	4.830	0.351	45	Three Grooves	V5349
1.336	4.358	0.313	45	Single Groove	V5086
1.337	3.768	0.313	45	Single Groove	V5140
1.337	4.316	0.259	45	Single Groove	V5126
1.338	4.606	0.315	45	Single Groove	V5276
1.338	4.016	0.258	45	Single Groove	V5098
1.338	4.059	0.234	45	Single Groove	V5284
1.339	5.271	0.315	45	Single Groove	V1545
1.339	5.208	0.313	45	Single Groove	V5100
1.339	4.570	0.275	45	Single Groove	V5164
1.339	5.475	0.273	45	Single Groove	V5523
1.339	5.059	0.274	60	Single Groove	V2179
1.339	5.138	0.273	37	Single Groove	V3182
1.339	5.138	0.280	37	Single Groove	V3182+6
1.339	4.441	0.259	45	Single Groove	V5058
1.339	4.459	0.275	45	Single Groove	V5082
1.339	4.411	0.216	45	Single Groove	V5197
1.339	4.080	0.259	45	Single Groove	V5206
1.339	4.125	0.313	45	Three Grooves	V5367
1.339	4.567	0.216	45	Single Groove	V5541
1.340	4.624	0.274	45	Three Grooves	V1698
1.342	4.827	0.314	45	Single Groove	V0162
1.342	4.941	0.341	45	Two Grooves	V0313
1.342	3.744	0.314	45	Three Grooves	V5368
1.344	4.777	0.275	45	Single Groove	V5273
1.359	3.922	0.310	30	Drilled Stem	V0131
1.370	4.615	0.274	45	Three Grooves	V2047
1.370	4.394	0.234	45	Single Groove	V1730
1.370	4.399	0.234	45	Three Grooves	V2008
1.371	4.615	0.313	45	Three Grooves	V1535
1.375	5.355	0.341	45	Single Groove	V0205
1.375	6.060	0.372	45	Single Groove	V0921
1.375	4.643	0.341	45	Single Groove	V0976
1.375	4.937	0.341	45	Single Groove	V0989
1.375	5.524	0.339	44	Single Groove	V1055
1.375	4.586	0.340	45	Single Groove	V1181
1.375	3.991	0.341	45	Single Groove	V1337
1.375	4.186	0.259	45	Single Groove	V5500
1.377	4.409	0.313	45	Single Groove	V5064
1.377	4.456	0.275	45	Single Groove	V5112
1.378	4.727	0.313	45	Single Groove	V1465
1.378	4.110	0.276	45	Single Groove	V5265
1.378	4.901	0.314	45	Single Groove	V5282
1.378	4.567	0.215	45	Single Groove	V0778
1.378	4.510	0.236	45	Three Grooves	V1787
1.378	4.071	0.216	45	Single Groove	V2006
1.378	4.217	0.216	45	Single Groove	V3172
1.378	4.468	0.215	45	Single Groove	V3190
1.378	4.456	0.215	44.50	Single Groove	V3255
1.378	4.440	0.214	45	Single Groove	V5078
1.378	4.508	0.259	45	Single Groove	V5109
1.378	4.183	0.259	45	Single Groove	V5563
1.379	4.198	0.314	44	Single Groove	V1485
1.380	5.541	0.310	30	Single Groove	V1366
1.380	4.920	0.341	45	Two Grooves	V1371
1.380	5.120	0.342	45	Two Grooves	V1439

VALVE PROGRESSIVE SIZE CHART (Cont.)

Indexed by Head Diameter

Head Diameter	Overall Length	Stem Diameter	Face Angle	Stem Type	Melling Part No.
1.380	3.814	0.235	45	Single Groove	V5167
1.381	4.028	0.234	45.0	Three Grooves	V5808
1.382	4.252	0.274	45	Single Groove	V5271
1.382	4.024	0.235	44.5	Three Grooves	V1997
1.384	4.620	0.313	44	Single Groove	V5036
1.386	3.985	0.235	45	Single Groove	V3211
1.388	4.262	0.324	44	Single Groove	V1266+15
1.394	4.443	0.311	45	Four Grooves	V1448
1.394	4.442	0.312	45	Four Grooves	V1540
1.394	4.521	0.312	45	Four Grooves	V1552
1.394	4.521	0.312	45	Four Grooves	V1554
1.395	4.984	0.372	45	Two Grooves	V0793
1.397	4.401	0.312	44	Three Grooves	V5005
1.397	3.784	0.236	45	Single Groove	V5332
1.398	4.225	0.232	45	Single Groove	V1941
1.398	5.023	0.272	45	Four Grooves	V1994
1.400	6.411	0.310	30	Single Groove	V0758
1.400	4.330	0.275	46	Single Groove	V1673
1.405	3.827	0.235	45	Single Groove	V3077
1.406	4.913	0.372	44	Single Groove	V1297
1.406	5.047	0.333	45	Two Grooves	V0321
1.416	4.268	0.314	45	Single Groove	V5323
1.417	4.679	0.274	44.50	Three Grooves	V1925S
1.417	4.480	0.313	45	Single Groove	V5037
1.417	4.291	0.314	45	Single Groove	V5071
1.417	4.204	0.314	45	Single Groove	V5161
1.417	4.606	0.216	44.75	Single Groove	V0336
1.417	4.146	0.215	44.50	Single Groove	V3286
1.417	4.299	0.215	45.15	Three Grooves	V3401
1.417	4.155	0.316	45	Single Groove	V5066
1.417	4.550	0.274	45	Single Groove	V5103
1.417	4.313	0.259	44	Single Groove	V5184
1.417	3.972	0.275	45	Single Groove	V5261
1.417	3.933	0.314	45	Single Groove	V5307
1.417	4.284	0.217	45	Single Groove	V5561
1.418	4.352	0.316/0.342	44	Three Grooves	V1199
1.418	4.682	0.274	45	Three Grooves	V1925
1.418	4.315	0.313	45	Single Groove	V5336
1.418	4.748	0.234	45	Single Groove	V5806
1.419	4.476	0.314	44	Single Groove	V5024
1.425	4.698	0.341	45	Single Groove	V1363
1.425	4.737	0.313	45	Single Groove	V1811
1.435	4.161	0.196	45	Three Grooves	V5811
1.435	4.090	0.216	45	Single Groove	V5813
1.437	4.076	0.275	46	Single Groove	V5116
1.437	4.212	0.217	45	Single Groove	V3088
1.437	3.772	0.235	45.45	Single Groove	V3441
1.438	4.932	0.3425	45	Single Groove	V1073
1.438	4.518	0.273	45	Three Grooves	V1901
1.440	3.989	0.274	45	Single Groove	V5226
1.441	4.328	0.275	46	Single Groove	V1726
1.450	4.867	0.341	44	Single Groove	V0742
1.450	4.873	0.342	44	Single Groove	V1000
1.452	5.068	0.342/0.341	45	Single Groove	V1135
1.452	4.850	0.275	45	Three Grooves	V1791
1.456	5.165	0.314	45	Single Groove	V1704
1.456	4.443	0.314	45	Single Groove	V5331
1.456	4.673	0.275	45	Single Groove	V5251

VALVE PROGRESSIVE SIZE CHART (Cont.)

Indexed by Head Diameter

Head Diameter	Overall Length	Stem Diameter	Face Angle	Stem Type	Melling Part No.
1.457	5.189	0.315	44	Three Grooves	V1451
1.457	5.165	0.313	45	Single Groove	V1568
1.457	5.141	0.274	45	Single Groove	V1737
1.457	4.980	0.274	45	Single Groove	V1903
1.457	4.539	0.272	45	Three Grooves	V3252
1.457	4.420	0.314	45	Single Groove	V5330
1.457	4.539	0.272	45	Three Grooves	V5560
1.457	5.337	0.275	45	Three Grooves	V1709
1.457	4.150	0.235	44	Three Grooves	V1998
1.457	3.988	0.235	44.25	Single Groove	V3081
1.457	3.840	0.216	44.5	Single Groove	V3225
1.457	4.718	0.235	45	Three Grooves	V3294
1.457	3.988	0.234	44.25	Single Groove	V3334
1.457	3.841	0.216	44.50	Single Groove	V3344
1.457	4.708	0.274	45	Single Groove	V5253
1.462	5.010	0.342/0.341	44	Single Groove	V1453
1.462	5.010	0.345/0.344	44	Single Groove	V1453+3
1.463	4.086	0.314	45	Single Groove	V5031
1.465	4.934	0.373	45	Two Grooves	V0912
1.472	4.776	0.235	46.0	Three Grooves	V5817
1.476	4.974	0.312	45	Four Grooves	V1670
1.476	4.583	0.235	45	Three Grooves	V2119
1.476	4.193	0.216	45	Single Groove	V3208
1.484	6.336	0.401	45	Single Groove	V0679
1.484	3.926	0.310	30	Drilled Stem	V0132
1.494	4.579	0.314	45	Single Groove	V5085
1.495	5.108	0.371	45	Single Groove	V1482
1.495	4.771	0.316	45	Single Groove	V5246
1.495	5.335	0.353	45	Single Groove	V5010
1.495	4.086	0.245	45	Single Groove	V5154
1.495	3.583	0.313	45	Three Grooves	V5358
1.495	4.243	0.235	45.50	Single Groove	V5569
1.496	4.807	0.274	45	Three Grooves	V1744
1.496	4.251	0.313	45	Single Groove	V5091
1.496	4.173	0.313	45	Single Groove	V5146
1.496	4.165	0.216	45	Single Groove	V3086
1.496	4.159	0.314	45	Single Groove	V5076
1.496	4.074	0.313	45	Single Groove	V5127
1.496	3.978	0.266	45	Single Groove	V5182
1.496	4.567	0.315	45	Single Groove	V5214
1.500	5.156	0.371	45	Single Groove	V0168
1.500	4.900	0.342/0.341	45	Two Grooves	V0400
1.500	5.736	0.372	45	Two Grooves	V0658
1.500	4.785	0.372	45	Two Grooves	V0724
1.500	5.675	0.436	45	Two Grooves	V1017
1.500	4.920	0.340	45	Two Grooves	V1192
1.500	4.923	0.372	46	Two Grooves	V1294
1.500	5.003	0.372	43	Two Grooves	V1308
1.500	5.003	0.372/0.371	43	Four Grooves	V1329
1.500	4.920	0.342	45	Two Grooves	V1359
1.500	5.078	0.343/0.342	45	Single Groove	V1361
1.500	4.718	0.341/0.341	45	Two Grooves	V1389
1.500	4.807	0.341	45	Two Grooves	V1397
1.500	4.982	0.372/0.371	45	Four Grooves	V1399
1.500	4.986	0.342	44	Single Groove	V1433
1.500	4.620	0.342	45	Two Grooves	V1437
1.500	5.028	0.342	44	Single Groove	V1494
1.500	4.355	0.312	45	Single Groove	V1550

VALVE PROGRESSIVE SIZE CHART (Cont.)

Indexed by Head Diameter

Head Diameter	Overall Length	Stem Diameter	Face Angle	Stem Type	Melling Part No.
1.500	4.940	0.311	46	Single Groove	V1556
1.500	4.713	0.340	45	Single Groove	V1593
1.500	4.787	0.341	45	Three Grooves	V1597
1.500	4.920	0.341	45	Single Groove	V1807
1.500	4.923	0.341	45	Single Groove	V1807S
1.500	4.930	0.315	45	Three Grooves	V1917
1.500	5.014	0.313	45	Single Groove	V5267
1.500	4.792	0.342	45	Four Grooves	V5416
1.500	5.093	0.342	45	Two Grooves	V0192
1.500	5.281	0.341	44	Single Groove	V0504
1.500	3.314	0.215	45	Single Groove	V5169
1.502	4.688	0.343/0.342	30	Single Groove	V1354
1.505	5.372	0.435	45	Single Groove	V0917+3
1.505	4.688	0.343	30	Single Groove	V1549
1.508	5.373	0.370	44	Single Groove	V1217
1.508	5.382	0.370	44	Single Groove	V1332
1.509	3.962	0.235	45.45	Single Groove	V3333
1.510	5.093	0.341	45	Single Groove	V0375
1.512	5.032	0.373	45	Two Grooves	V0794
1.513	5.826	0.341	44	Tapered Groove	V0608
1.515	5.006	0.341	45	Tapered Groove	V0348
1.516	5.053	0.372	30	Two Grooves	V1075
1.516	4.713	0.313	45	Single Groove	V1735
1.516	4.388	0.315	45	Single Groove	V5345
1.516	5.156	0.341	30	Drilled Stem	V0810
1.518	5.000	0.372	44	Two Grooves	V1312
1.522	4.667	0.342	44	Single Groove	V1323
1.524	4.165	0.235	44	Three Grooves	V3179
1.526	4.811	0.313	44.45	Single Groove	V3044
1.534	4.502	0.312	45	Single Groove	V0874
1.534	4.825	0.3412	45	Single Groove	V1464
1.535	5.482	0.372	45	Single Groove	V1431
1.535	5.112	0.371/0.372	45	Single Groove	V1780
1.535	4.524	0.273	45	Three Grooves	V1914
1.535	3.878	0.314	44	Single Groove	V1343
1.535	4.823	0.342	46	Single Groove	V1559
1.535	4.588	0.235	45	Three Grooves	V3263
1.535	4.307	0.234	45	Three Grooves	V3461
1.535	5.205	0.315	45	Single Groove	V5101
1.539	5.838	0.434	44	Two Grooves	V0183
1.540	4.540	0.372	45	Two Grooves	V0981
1.543	5.075	0.342/0.341	44	Single Groove	V1237
1.550	5.016	0.373	45	Single Groove	V1340
1.550	4.920	0.320	45	Single Groove	V1935
1.551	4.923	0.312	45	Single Groove	V1935S
1.551	4.842	0.312	45	Three Grooves	V2220
1.551	5.138	0.313	45	Three Grooves	V3195
1.551	4.183	0.234	46	Three Grooves	V3467
1.555	3.616	0.275	45	Three Grooves	V5733
1.558	5.356	0.372	45	Single Groove	V1242
1.559	4.818	0.342	45	Single Groove	V0965
1.559	4.750	0.342	45	Single Groove	V1504
1.562	6.333	0.308	45	Single Groove	V0335
1.563	4.540	0.372	45	Two Grooves	V0739
1.567	5.884	0.341	45	Single Groove	V1119
1.573	4.164	0.316	44	Single Groove	V1285
1.573	3.577	0.3135	45	Three Grooves	V5350
1.573	3.883	0.314	45	Three Grooves	V5351

VALVE PROGRESSIVE SIZE CHART (Cont.)

Indexed by Head Diameter

Head Diameter	Overall Length	Stem Diameter	Face Angle	Stem Type	Melling Part No.
1.575	4.495	0.318	45	Single Groove	V5049
1.575	4.567	0.315	45	Single Groove	V5216
1.575	4.606	0.335	45	Single Groove	V5275
1.575	4.319	0.315	45	Single Groove	V5316
1.575	4.819	0.313	45	Three Grooves	V5348
1.575	5.469	0.274	44.30	Single Groove	V5522
1.576	4.258	0.314	45	Single Groove	V5322
1.578	4.814	0.313	45	Single Groove	V5274
1.584	6.444	0.342	30	Single Groove	V0327
1.588	6.440	0.342	30	Single Groove	V0411
1.588	4.358	0.313	45	Single Groove	V5094
1.590	4.915	0.314	45	Single Groove	V3042
1.590	4.914	0.314	45	Single Groove	V3241S
1.594	6.700	0.434	45	Two Grooves	V0159
1.594	5.201	0.313	45	Single Groove	V5815
1.595	5.676	0.372	37	Single Groove	V1542
1.598	4.418	0.313	45	Single Groove	V1449
1.598	4.418	0.313	45	Single Groove	V1541
1.598	4.498	0.312	45	Single Groove	V1553
1.598	4.498	0.312	45	Single Groove	V1555
1.600	4.903	0.342	45	Two Grooves	V0919
1.600	5.001	0.372/0.371	47	Four Grooves	V1307
1.600	5.000	0.372	43	Two Grooves	V1309
1.600	4.995	0.371	45	Four Grooves	V1401
1.600	4.989	0.372	45	Two Grooves	V1675
1.600	4.880	0.341	45	Single Groove	V1372
1.600	4.700	0.341	45	Two Grooves	V1395
1.600	4.700	0.315	45	Single Groove	V1466
1.601	5.119	0.341	45	Two Grooves	V1440
1.604	6.352	0.342	45	Two Grooves	V0691
1.610	4.782	0.341	44	Four Grooves	V1528
1.613	4.193	0.313	44	Single Groove	V1486
1.616	5.468	0.372	45	Tapered Groove	V0412
1.616	4.292	0.316	45	Single Groove	V5017
1.618	4.161	0.295	45	Single Groove	V5264
1.620	3.994	0.341	45	Single Groove	V1338
1.620	4.216	0.276	45	Single Groove	V5270
1.624	4.695	0.343/0.342	44	Single Groove	V0974
1.624	4.919	0.311/0.312	44	Single Groove	V1715
1.625	4.600	0.341	45	Single Groove	V1182
1.625	4.675	0.341	45	Single Groove	V1353
1.641	5.532	0.341	30	Two Grooves	V0867
1.644	5.931	0.342	44	Single Groove	V0609
1.653	5.085	0.342	44	Single Groove	V1102
1.653	4.983	0.342	45	Single Groove	V1271
1.653	5.003	0.342	45	Single Groove	V1547
1.653	5.346	0.312	45	Three Grooves	V3289
1.653	4.941	0.234	45	Single Groove	V5281
1.654	5.102	0.312	45	Three Grooves	V5822
1.654	5.098	0.312	45	Three Grooves	V5826
1.654	5.303	0.312	44	Three Grooves	V1452
1.654	4.276	0.316	45	Single Groove	V5061
1.655	5.052	0.341/0.341	44	Four Grooves	V1269
1.655	5.053	0.342/0.341	46	Single Groove	V1367
1.655	5.053	0.345/0.344	46	Single Groove	V1367+3
1.655	4.129	0.270	45	Single Groove	V5385
1.656	5.844	0.372	45	Single Groove	V0203
1.660	5.367	0.371	46	Single Groove	V0996

VALVE PROGRESSIVE SIZE CHART (Cont.)

Indexed by Head Diameter

Head Diameter	Overall Length	Stem Diameter	Face Angle	Stem Type	Melling Part No.
1.660	5.250	0.336	45	Single Groove	V1153
1.660	4.948	0.341	44	Two Grooves	V1245
1.660	4.979	0.314	45	Single Groove	V5266
1.661	4.615	0.313	45	Three Grooves	V1536
1.661	4.637	0.275	45	Three Grooves	V2046
1.668	4.313	0.313	45	Single Groove	V5087
1.672	4.954	0.371	44	Single Groove	V1385
1.680	5.799	0.312	30	Single Groove	V1786
1.680	5.799	0.312	30	Single Groove	V1785
1.682	5.164	0.341	44	Single Groove	V1416
1.688	5.163	0.371	45	Two Grooves	V0169
1.688	5.700	0.372	44	Two Grooves	V0659
1.690	4.088	0.276	45	Single Groove	V5117
1.690	4.051	0.314	45	Single Groove	V5147
1.691	4.230	0.313	45	Single Groove	V5088
1.693	5.456	0.314	45	Single Groove	V1569
1.693	4.450	0.314	45	Single Groove	V5065
1.696	4.553	0.314	44	Single Groove	V5048
1.710	5.058	0.342/0.341	44	Single Groove	V1173
1.715	6.191	0.372	30	Two Grooves	V1403
1.718	6.670	0.434	45	Two Grooves	V0160
1.718	4.705	0.314	45	Single Groove	V1561
1.720	5.355	0.372/0.371	45	Single Groove	V1106
1.720	5.355	0.387/0.386	45	Single Groove	V1106+15
1.720	5.355	0.372	45	Single Groove	V1261
1.720	4.912	0.341	45	Two Grooves	V0399
1.720	4.912	0.344	45	Two Grooves	V0399+3
1.720	4.924	0.341	45	Single Groove	V1360
1.720	5.077	0.341	45	Two Grooves	V1362
1.720	4.669	0.341	45	Two Grooves	V1438
1.720	4.588	0.313	45	Single Groove	V1592
1.725	5.068	0.342	45	Single Groove	V1165
1.725	4.978	0.342	45	Single Groove	V1229
1.727	5.981	0.372	45	Two Grooves	V1648
1.732	5.457	0.314	45	Single Groove	V1705
1.732	5.465	0.275	45	Single Groove	V1736
1.732	5.265	0.275	45	Single Groove	V1902
1.733	4.230	0.264	45	Single Groove	V5335
1.734	5.473	.0415	45	Single Groove	V1133
1.735	4.787	0.313	45	Four Grooves	V5415
1.736	4.498	0.313	45	Single Groove	V5279
1.737	4.790	0.340	44	Four Grooves	V1398
1.740	4.884	0.373/0.372	45	Four Grooves	V1156
1.740	4.897	0.372	45	Two Grooves	V1281
1.750	4.986	0.341	44	Single Groove	V1434
1.750	4.667	0.342	45	Single Groove	V1450
1.750	5.018	0.343	44	Single Groove	V1495
1.750	4.621	0.275	45	Three Grooves	V1699
1.752	5.392	0.328	44	Single Groove	V0918
1.752	5.392	0.371	45	Single Groove	V0949
1.752	5.392	0.372	45	Single Groove	V0949+15
1.752	5.392	0.372	45	Single Groove	V0949+3
1.752	5.400	0.371	44	Single Groove	V1348
1.752	5.392	0.371	44	Single Groove	V1349
1.752	4.750	0.275	45	Three Grooves	V1924
1.752	4.750	0.275	44.5	Three Grooves	V1924S
1.760	4.684	0.314	45	Single Groove	V1929
1.770	5.082	0.341	44	Two Grooves	V1097

VALVE PROGRESSIVE SIZE CHART (Cont.)

Indexed by Head Diameter

Head Diameter	Overall Length	Stem Diameter	Face Angle	Stem Type	Melling Part No.
1.770	4.465	0.313	45	Single Groove	V5328
1.777	5.750	0.434	44	Tapered Groove	V0397
1.779	4.818	0.341	45	Single Groove	V0963
1.779	4.818	0.341	44	Single Groove	V1120
1.780	4.974	0.373	45	Two Grooves	V0938
1.780	4.863	0.341	45	Single Groove	V0947
1.780	4.865	0.347	44	Single Groove	V1001
1.781	5.055	0.341	44	Single Groove	V1137
1.781	5.055	0.345/0.344	44	Single Groove	V1137+3
1.782	5.070	0.342	44	Single Groove	V1328
1.782	5.070	0.342/0.341	44	Single Groove	V1328+3
1.782	4.941	0.341	45	Single Groove	V1538
1.782	4.840	0.275	45	Single Groove	V1790
1.783	4.749	0.342	45	Single Groove	V1505
1.783	4.426	0.315	45	Single Groove	V5344
1.787	4.899	0.372	29	Four Grooves	V0550
1.791	4.949	0.312	45	Two Grooves	V1671
1.799	4.720	0.313	45	Single Groove	V1858
1.804	5.683	0.305	45	Two Grooves	V1378
1.805	6.343	0.434	44	Single Groove	V1074
1.805	6.343	0.434	44	Three Grooves	V1301
1.810	4.917	0.314	45	Three Grooves	V5070
1.811	5.000	0.372	45	Two Grooves	V1186
1.811	5.110	0.345	45	Single Groove	V1484
1.811	4.524	0.274	45	Three Grooves	V1913
1.811	4.331	0.314	45	Single Groove	V5092
1.825	5.900	0.434	45	Single Groove	V0707
1.840	5.355	0.372/0.371	45	Single Groove	V1080
1.840	5.255	0.372	45	Single Groove	V0997
1.840	4.912	0.341	45	Two Grooves	V1393
1.844	5.070	0.341	44	Single Groove	V1238
1.860	4.850	0.275	45.62	Three Grooves	V1789
1.868	4.837	0.313	44.45	Single Groove	V3043
1.875	6.391	0.341	30	Two Grooves	V0308
1.875	5.009	0.372	45	Single Groove	V1082
1.877	5.688	0.333	30	Single Groove	V1543
1.880	5.668	0.305	45	Four Grooves	V0577
1.880	4.981	0.373	45	Two Grooves	V1180
1.882	5.900	0.434	45	Single Groove	V1026
1.890	4.880	0.318	45	Single Groove	V1934
1.890	4.969	0.273	45	Four Grooves	V1993
1.896	5.469	0.372	30	Two Grooves	V1205
1.898	6.248	0.372	45	Two Grooves	V1289
1.902	6.151	0.372	44	Two Grooves	V1336
1.910	4.911	0.311	45	Single Groove	V1479
1.910	4.912	0.311	46	Single Groove	V1557
1.910	4.880	0.314	45	Three Grooves	V1916
1.913	5.900	0.435	30	Single Groove	V1254
1.915	4.481	0.273	45	Three Grooves	V1918
1.917	4.480	0.273	45	Three Grooves	V3251
1.920	4.905	0.312	44	Single Groove	V1714
1.924	5.961	0.373	45	Single Groove	V1649
1.925	5.110	0.342	45	Single Groove	V0494
1.930	5.212	0.313	45	Single Groove	V3433
1.930	5.212	0.313	45	Single Groove	V3432
1.940	4.880	0.341	45	Single Groove	V0696
1.940	4.880	0.357/0.356	45	Single Groove	V0696+15
1.940	4.880	0.345/0.344	45	Single Groove	V0696+3

VALVE PROGRESSIVE SIZE CHART (Cont.)

Indexed by Head Diameter

Head Diameter	Overall Length	Stem Diameter	Face Angle	Stem Type	Melling Part No.
1.940	4.880	0.341	45	Two Grooves	V1195
1.940	4.880	0.341	45	Single Groove	V1931
1.969	5.223	0.3725	45	Two Grooves	V0560
1.995	4.667	0.342	44	Single Groove	V1457
2.000	4.869	0.314	45	Single Groove	V2000
2.000	4.933	0.313	45.30	Three Grooves	V2103
2.000	4.871	0.313	45.30	Single Groove	V3244
2.020	5.742	0.435	45	Single Groove	V0531
2.020	4.880	0.342	45	Two Grooves	V0988
2.032	5.450	0.371	44	Single Groove	V0637
2.032	5.450	0.375	44	Single Groove	V0637+3
2.041	5.230	0.341	44	Four Grooves	V1270
2.041	5.230	0.343/0.343	44	Four Grooves	V1270+15
2.041	5.230	0.342/0.341	44	Four Grooves	V1270+3
2.050	5.165	0.313	45	Three Grooves	V3194
2.054	5.467	0.373	44	Single Groove	V1432
2.065	5.225	0.372	45	Single Groove	V1107
2.065	5.225	0.372/0.371	45	Single Groove	V1107+3
2.065	5.149	0.370	45	Single Groove	V1386
2.074	6.341	0.4345	14	Single Groove	V1355
2.078	5.249	0.373	30	Single Groove	V1152
2.080	4.864	0.373	45	Two Grooves	V0548
2.080	4.879	0.372	45	Two Grooves	V1282
2.083	5.204	0.341	45	Single Groove	V1272
2.106	5.425	0.313	45	Three Grooves	V3288
2.110	5.062	0.342	29	Two Grooves	V1077
2.110	5.093	0.341	29	Two Grooves	V1098
2.125	5.240	0.313	45	Single Groove	V5814
2.136	5.128	0.312	46	Three Grooves	V5825
2.138	5.128	0.312	46	Three Grooves	V5821
2.157	6.341	0.435	14	Single Groove	V0512
2.157	6.099	0.435	14	Single Groove	V1507
2.163	4.872	0.314	45	Single Groove	V3240
2.166	4.882	0.314	45	Single Groove	V3040
2.245	5.288	0.341	29	Single Groove	V1166
2.250	5.866	0.435	15	Two Grooves	V1221
2.300	5.192	0.370	45	Single Groove	V1136