



DIMENSÕES				CODIGO
INTERNO	EXTERNO	ALTURA	SECÇÃO	
1/4"	1/2"	1/4"	1/8"	1193
1/4"	5/8"	5/16"	3/16"	1194
1/4"	3/4"	3/8"	1/4"	1195
5/16"	9/16"	1/4"	1/8"	1196
5/16"	11/16"	5/16"	3/16"	1197
5/16"	13/16"	3/8"	1/4"	1198
3/8"	5/8"	1/4"	1/8"	1199
3/8"	3/4"	5/16"	3/16"	2192
3/8"	7/8"	3/8"	1/4"	1200
3/8"	1"	1/2"	5/16"	1201
7/16"	11/16"	1/4"	1/8"	1202
7/16"	13/16"	5/16"	3/16"	1203
7/16"	15/16"	3/8"	1/4"	1204
7/16"	1.1/16"	1/2"	5/16"	1205
1/2"	3/4"	1/4"	1/8"	1206
1/2"	7/8"	5/16"	3/16"	1207
1/2"	1"	3/8"	1/4"	1208
1/2"	1.1/8"	1/2"	5/16"	1209
1/2"	1.1/4"	5/8"	3/8"	1210
9/16"	13/16"	1/4"	1/8"	1211
9/16"	15/16"	5/16"	3/16"	1212
9/16"	1.1/16"	3/8"	1/4"	1213
9/16"	1.3/16"	1/2"	5/16"	1214
9/16"	1.5/16"	5/8"	3/8"	1215
5/8"	7/8"	1/4"	1/8"	2282
5/8"	1"	5/16"	3/16"	1216
5/8"	1.1/8"	3/8"	1/4"	1217
5/8"	1.1/4"	1/2"	5/16"	1218
5/8"	1.3/8"	5/8"	3/8"	1219
11/16"	1.5/16"	1/4"	1/8"	1220
11/16"	1.1/16"	5/16"	3/16"	1221
11/16"	1.3/16"	3/8"	1/4"	1222
11/16"	1.5/16"	1/2"	5/16"	1223
11/16"	1.7/16"	5/8"	3/8"	1224
3/4"	1"	3/16"	1/8"	2998
3/4"	1"	1/4"	1/8"	1225
3/4"	1.1/8"	5/16"	3/16"	1226
3/4"	1.1/4"	3/8"	1/4"	1227
3/4"	1.3/8"	1/2"	5/16"	1228
3/4"	1.1/2"	5/8"	3/8"	1229
13/16"	1.1/16"	1/4"	1/8"	1230
13/16"	1.3/16"	5/16"	3/16"	1231
13/16"	1.5/16"	3/8"	1/4"	1232

13/16"	1.7/16"	1/2"	5/16"	1233
13/16"	1.9/16"	5/8"	3/8"	1234
7/8"	1.1/8"	1/4"	1/8"	1235
7/8"	1.1/4"	5/16"	3/16"	1236
7/8"	1.3/8"	3/8"	1/4"	1237
7/8"	1.1/2"	1/2"	5/16"	1238
7/8"	1.5/8"	5/8"	3/8"	1239
15/16"	1.3/16"	1/4"	1/8"	1240
15/16"	1.5/16"	5/16"	3/16"	1241
15/16"	1.7/16"	3/8"	1/4"	1242
15/16"	1.9/16"	1/2"	5/16"	1243
15/16"	1.11/16"	5/8"	3/8"	1244
1"	1.1/4"	1/4"	1/8"	2348
1"	1.3/8"	5/16"	3/16"	2186
1"	1.1/2"	3/8"	1/4"	1245
1"	1.5/8"	1/2"	5/16"	1246
1"	1.3/4"	5/8"	3/8"	J-3750.1000-625
1"	2"	3/4"	1/2"	J-5000.1000-750
1.1/16"	1.5/16"	1/4"	1/8"	1247
1.1/16"	1.7/16"	5/16"	3/16"	1248
1.1/16"	1.9/16"	3/8"	1/4"	1249
1.1/16"	1.11/16"	1/2"	5/16"	1250
1.1/16"	1.13/16"	5/8"	3/8"	4432
1.1/8"	1.3/8"	3/16"	1/8"	6188
1.1/8"	1.3/8"	1/4"	1/8"	1251
1.1/8"	1.1/2"	5/16"	3/16"	1252
1.1/8"	1.5/8"	3/8"	1/4"	1253
1.1/8"	1.3/4"	1/2"	5/16"	1254
1.1/8"	1.7/8"	5/8"	3/8"	5151
1.3/16"	1.7/16"	1/4"	1/8"	1255
1.3/16"	1.9/16"	5/16"	3/16"	1256
1.3/16"	1.11/16"	3/8"	1/4"	1257
1.3/16"	1.13/16"	1/2"	5/16"	1258
1.3/16"	1.15/16"	5/8"	3/8"	J-3750.1187-625
1.1/4"	1.1/2"	1/4"	1/8"	1259
1.1/4"	1.5/8"	5/16"	3/16"	1260
1.1/4"	1.5/8"	3/8"	1/4"	1261
1.1/4"	1.3/4"	3/8"	1/4"	2143
1.1/4"	1.7/8"	1/2"	5/16"	1262
1.1/4"	2"	5/8"	3/8"	5152
1.1/4"	2.1/4"	3/4"	1/2"	J-5000.1250-750
1.1/4"	2.1/2"	1"	5/8"	J-6250.1250-1000
1.5/16"	1.9/16"	1/4"	1/8"	1263
1.5/16"	1.11/16"	5/16"	3/16"	1264
1.5/16"	1.13/16"	3/8"	1/4"	1265
1.5/16"	1.15/16"	1/2"	5/16"	1266
1.5/16"	2.1/16"	5/8"	3/8"	J-3750.1312-625
1.3/8"	1.5/8"	1/4"	1/8"	1267
1.3/8"	1.3/4"	5/16"	3/16"	1268
1.3/8"	1.7/8"	3/8"	1/4"	1269
1.3/8"	2"	1/2"	5/16"	1270
1.3/8"	2.1/8"	5/8"	3/8"	6024
1.3/8"	2.3/8"	3/4"	1/2"	J-5000.1375-750
1.3/8"	2.5/8"	1"	5/8"	J-6250.1375-1000
1.7/16"	1.11/16"	1/4"	1/8"	1271
1.7/16"	1.13/16"	5/16"	3/16"	1272

1.7/16"	1.15/16"	3/8"	1/4"	1273
1.7/16"	2.1/16"	1/2"	5/16"	1274
1.7/16"	2.3/16"	5/8"	3/8"	J-3750.1437-625
1.1/2"	1.3/4"	1/4"	1/8"	1275
1.1/2"	1.7/8"	5/16"	1/8"	1276
1.1/2"	1.7/8"	3/8"	3/16"	2753
1.1/2"	2"	5/16"	1/4"	2215
1.1/2"	2"	3/8"	1/4"	2030
1.1/2"	2.1/8"	1/2"	5/16"	1277
1.1/2"	2.1/4"	5/8"	3/8"	2636
1.1/2"	2.1/4"	5/8"	1/2"	J-3750.1500-500
1.1/2"	2.1/2"	3/4"	1/2"	4802
1.1/2"	2.3/4"	1"	5/8"	J-6250.1500-1000
1.5/8"	2"	5/16"	3/16"	1278
1.5/8"	2"	3/8"	3/16"	1279
1.5/8"	2.1/8"	3/8"	1/4"	1280
1.5/8"	2.1/4"	1/2"	5/16"	1281
1.5/8"	2.3/8"	5/8"	3/8"	4433
1.3/4"	2.1/8"	3/16"	1/4"	J-1870.1750-250
1.3/4"	2.1/8"	5/16"	3/16"	1282
1.3/4"	2.1/8"	3/8"	3/16"	1283
1.3/4"	2.1/4"	3/8"	1/4"	1284
1.3/4"	2.3/8"	1/2"	5/16"	1285
1.3/4"	2.1/2"	5/8"	3/8"	2615
1.3/4"	2.3/4"	3/4"	1/2"	J-5000.1750-750
1.3/4"	3"	1"	5/8"	J-6250.1750-1000
1.7/8"	2.1/4"	3/8"	3/16"	1286
1.7/8"	2.3/8"	3/8"	1/4"	1287
1.7/8"	2.1/2"	1/2"	5/16"	2193
1.7/8"	2.5/8"	5/8"	3/8"	4434
1.7/8"	2.7/8"	5/8"	1/2"	J-5000.1875-625
2"	2.3/8"	3/8"	3/16"	1288
2"	2.3/8"	16/32"	3/16"	967
2"	2.1/2"	3/8"	1/4"	1289
2"	2.5/8"	1/2"	5/16"	1290
2"	2.3/4"	5/8"	3/8"	3004
2"	3"	3/4"	1/2"	6557
2"	3.1/4"	1"	5/8"	J-6250.2000-1000
2.1/8"	2.1/2"	3/8"	3/16"	1291
2.1/8"	2.5/8"	3/8"	1/4"	2144
2.1/8"	2.3/4"	1/2"	5/16"	1292
2.1/8"	2.7/8"	5/8"	3/8"	4428
2.1/4"	2.5/8"	3/8"	3/16"	1293
2.1/4"	2.3/4"	3/8"	1/4"	1294
2.1/4"	2.7/8"	1/2"	5/16"	1295
2.1/4"	3"	5/8"	3/8"	3005
2.1/4"	3.1/4"	3/4"	1/2"	J-5000.2250-750
2.1/4"	3.1/2"	1"	5/8"	J-6250.2250-1000
2.3/8"	2.3/4"	3/8"	3/16"	1296
2.3/8"	2.7/8"	3/8"	1/4"	1297
2.3/8"	3"	1/2"	5/16"	1298
2.3/8"	3.1/8"	5/8"	3/8"	3655
2.1/2"	2.7/8"	3/8"	3/16"	1299
2.1/2"	3"	3/8"	1/4"	1300
2.1/2"	3.1/8"	1/2"	5/16"	1301
2.1/2"	3.1/4"	5/8"	3/8"	3008

2.1/2"	3.3/4"	1"	5/8"	J-6250.2500-1000
2.1/2"	3.1/2"	3/4"	1/2"	6558
2.5/8"	3"	3/8"	3/16"	1302
2.5/8"	3.1/8"	3/8"	1/4"	1303
2.5/8"	3.1/4"	1/2"	5/16"	1304
2.5/8"	3.3/8"	5/8"	3/8"	3931
2.3/4"	3.1/8"	3/8"	3/16"	1305
2.3/4"	3.1/4"	3/8"	1/4"	1306
2.3/4"	3.3/8"	1/2"	5/16"	1307
2.3/4"	3.1/2"	5/8"	3/8"	3009
2.3/4"	3.3/4"	3/4"	1/2"	6559
2.3/4"	4"	1"	5/8"	J-6250.2750-1000
2.7/8"	3.1/4"	3/8"	3/16"	1308
2.7/8"	3.3/8"	3/8"	1/4"	1309
2.7/8"	3.1/2"	1/2"	5/16"	1310
2.7/8"	3.5/8"	5/8"	3/8"	3658
3"	3.3/8"	3/8"	3/16"	1311
3"	3.1/2"	3/8"	1/4"	1312
3"	3.5/8"	1/2"	5/16"	1313
3"	3.3/4"	17/32"	3/8"	J-3750.3000-531
3"	3.3/4"	5/8"	3/8"	3011
3"	4"	5/8"	9/16"	3176
3"	4"	9/16"	1/2"	1314
3"	4"	3/4"	1/2"	6560
3"	4.1/4"	1"	5/8"	J-6250.3000-1000
3"	4.1/2"	1.1/4"	3/4"	J-7500.3000-1250
3"	5"	1.1/2"	1"	J-10000.3000-1500
3.1/8"	3.1/2"	3/8"	3/16"	1315
3.1/8"	3.1/2"	1/2"	3/16"	1116
3.1/8"	3.5/8"	3/8"	1/4"	1117
3.1/8"	3.5/8"	1/2"	1/4"	1118
3.1/8"	3.3/4"	1/2"	5/16"	1119
3.1/8"	3.7/8"	5/8"	3/8"	2344
3.1/4"	3.5/8"	3/8"	3/16"	1120
3.1/4"	3.3/4"	3/8"	1/4"	1121
3.1/4"	3.3/4"	1/2"	1/4"	1122
3.1/4"	3.7/8"	1/2"	5/16"	1123
3.1/4"	4"	5/8"	3/8"	3012
3.1/4"	4.1/4"	3/4"	1/2"	J-5000.3250-750
3.1/4"	4.1/2"	1"	5/8"	J-6250.3250-1000
3.1/4"	4.3/4"	1.1/4"	3/4"	J-7500.3250-1250
3.1/4"	5.1/4"	1.1/2"	1"	J-10000.3250-1500
3.3/8"	3.3/4"	3/8"	3/16"	1124
3.3/8"	3.3/4"	1/2"	3/16"	1125
3.3/8"	3.7/8"	3/8"	1/4"	1126
3.3/8"	4"	1/2"	5/16"	1127
3.3/8"	4.1/8"	5/8"	3/8"	2613
3.1/2"	3.7/8"	3/8"	3/16"	1128
3.1/2"	4"	3/8"	1/4"	2145
3.1/2"	4.1/8"	1/2"	5/16"	J-3120.3500-500
3.1/2"	4.1/4"	5/8"	3/8"	2750
3.1/2"	4.1/2"	3/4"	1/2"	6561
3.1/2"	4.3/4"	1"	5/8"	J-6250.3500-1000
3.1/2"	5"	1.1/4"	3/4"	J-7500.3500-1250
3.1/2"	5.1/2"	1.1/2"	1"	J-10000.3500-1500
3.5/8"	4"	3/8"	3/16"	1130

3.5/8"	4.1/8"	3/8"	1/4"	1131
3.5/8"	4.1/4"	1/2"	5/16"	1132
3.5/8"	4"	1/2"	3/8"	J-3120.3625-625
3.5/8"	4.3/8"	5/8"	3/8"	2666
3.11/16"	4.5/16"	3/8"	5/16"	1133
3.3/4"	4.1/8"	3/8"	3/16"	1134
3.3/4"	4.1/4"	3/8"	1/4"	1135
3.3/4"	4.1/4"	1/2"	1/4"	1136
3.3/4"	4.1/4"	9/16"	1/4"	1137
3.3/4"	4.3/8"	1/2"	5/16"	1138
3.3/4"	4.1/2"	5/8"	3/8"	2992
3.3/4"	4.3/4"	3/4"	1/2"	6838
3.3/4"	5"	1"	5/8"	J-6250.3750-1000
3.3/4"	5.1/4"	1.1/4"	3/4"	J-7500.3750-1250
3.3/4"	5.3/4"	1.1/2"	1"	J-10000.3750-1500
3.7/8"	4.1/4"	3/8"	3/16"	1139
3.7/8"	4.3/8"	3/8"	1/4"	2146
3.7/8"	4.1/2"	1/2"	5/16"	1140
3.7/8"	4.5/8"	5/8"	3/8"	2616
4"	4.3/8"	3/8"	3/16"	4801
4"	4.3/8"	1/2"	3/16"	1141
4"	4.1/2"	3/8"	1/4"	1142
4"	4.1/2"	9/16"	1/4"	2603
4"	4.5/8"	3/8"	5/16"	J-3120.4000-375
4"	4.5/8"	1/2"	5/16"	1143
4"	4.5/8"	9/16"	5/16"	1144
4"	4.5/8"	5/8"	5/16"	1788
4"	4.3/4"	5/8"	3/8"	2955
4"	5"	3/4"	1/2"	3633
4"	5.1/4"	1"	5/8"	J-6250.4000-1000
4"	5.1/2"	1.1/4"	3/4"	J-7500.4000-1250
4"	6"	1.1/2"	1"	10000.4000-1500
4.1/8"	4.1/2"	3/8"	3/16"	1145
4.1/8"	4.5/8"	9/16"	1/4"	1146
4.1/8"	4.3/4"	9/16"	5/16"	1147
4.1/8"	4.7/8"	5/8"	3/8"	2991
4.1/8"	5.1/8"	3/4"	1/2"	6562
4.1/4"	4.5/8"	3/8"	3/16"	1148
4.1/4"	4.3/4"	9/16"	3/8"	3003
4.1/4"	4.3/4"	9/16"	1/4"	1149
4.1/4"	4.7/8"	9/16"	5/16"	1150
4.1/4"	4.7/8"	5/8"	5/16"	2027
4.1/4"	5"	5/8"	3/8"	1151
4.1/4"	5.1/4"	3/4"	1/2"	J-5000.4250-750
4.1/4"	5.1/2"	1"	5/8"	J-6250.4250-1000
4.1/4"	5.3/4"	1.1/4"	3/4"	J-7500.4250-1250
4.1/4"	6.1/4"	1.1/2"	1"	J-10000.4250-1500
4.3/8"	4.3/4"	3/8"	3/16"	1152
4.3/8"	4.3/4"	1/2"	3/16"	1153
4.3/8"	4.7/8"	9/16"	1/4"	1154
4.3/8"	5"	9/16"	5/16"	2147
4.3/8"	5.1/8"	5/8"	3/8"	2652
4.1/2"	4.7/8"	3/8"	3/16"	1155
4.1/2"	5"	3/8"	1/4"	2135
4.1/2"	5"	9/16"	1/4"	1156
4.1/2"	5.1/8"	5/8"	5/16"	2150

4.1/2"	5.1/4"	5/8"	3/8"	2134
4.1/2"	5.1/2"	3/4"	1/2"	2286
4.1/2"	5.3/4"	1"	5/8"	J-6250.4500-1000
4.1/2"	6"	1.1/4"	3/4"	J-7500.5500-1250
4.1/2"	6.1/2"	1.1/2"	1"	J-10000.4500-1500
4.5/8"	5.1/8"	9/16"	1/4"	1157
4.5/8"	5.1/4"	5/8"	5/16"	2151
4.5/8"	5.3/8"	5/8"	3/8"	1158
4.3/4"	5.1/4"	9/16"	1/4"	1159
4.3/4"	5.3/8"	5/8"	5/16"	1160
4.3/4"	5.1/2"	5/8"	3/8"	3013
4.3/4"	5.3/4"	3/4"	1/2"	6564
4.3/4"	5"	1"	5/8"	J-6250.4750-1000
4.3/4"	6.1/4"	1"	3/4"	J-7500.4750-1000
4.3/4"	6.3/4"	1.1/2"	1"	10000.4750-1500
4.7/8"	5.1/4"	1/2"	3/16"	1161
4.7/8"	5.3/8"	3/8"	1/4"	1162
4.7/8"	5.3/8"	9/16"	1/4"	1163
4.7/8"	5.1/2"	5/8"	5/16"	2283
4.7/8"	5.5/8"	5/8"	3/8"	3077
5"	5.1/2"	3/8"	1/4"	1164
5"	5.1/2"	9/16"	1/4"	2585
5"	5.5/8"	5/8"	5/16"	1761
5"	5.3/4"	5/8"	3/8"	1165
5"	6"	3/4"	1/2"	2686
5"	6.1/4"	1"	5/8"	J-6250.5000-1000
5"	6.1/2"	1.1/4"	3/4"	J-7500.5000-1250
5"	7"	1.1/2"	1"	J-10000.5000-1500
5.1/8"	5.5/8"	9/16"	1/4"	1166
5.1/8"	5.3/4"	5/8"	5/16"	J-3120.5125-625
5.1/8"	5.7/8"	5/8"	3/8"	3659
5.1/4"	5.3/4"	9/16"	1/4"	1167
5.1/4"	5.7/8"	5/8"	5/16"	4701
5.1/4"	6"	1/2"	1/2"	J-3750.5250-500
5.1/4"	6"	5/8"	3/8"	3016
5.1/4"	6.1/4"	3/4"	1/2"	J-5000.5250-750
5.1/4"	6.1/2"	1"	5/8"	J-6250.5250-1000
5.1/4"	6.3/4"	1.1/4"	3/4"	J-7500.5250-1250
5.1/4"	7.1/4"	1.1/2"	1"	J-10000.5250-1500
5.3/8"	5.7/8"	9/16"	1/4"	1168
5.3/8"	6"	5/8"	5/16"	6539
5.3/8"	5.1/8"	5/8"	3/8"	1169
5.1/2"	5.7/8"	1/2"	3/16"	J-1870.5500-500
5.1/2"	6"	9/16"	1/4"	1170
5.1/2"	6.1/8"	5/8"	5/16"	6466
5.1/2"	6.1/4"	5/8"	3/8"	1171
5.1/2"	6.1/2"	3/4"	1/2"	5509
5.1/2"	6.3/4"	1"	5/8"	J-6250.5500-1000
5.1/2"	7"	1.1/4"	3/4"	J-7500.5500-1000
5.1/2"	7.1/2"	1.1/2"	1"	J-10000.5500-1500
5.5/8"	6"	1/2"	3/16"	1172
5.5/8"	6.1/8"	9/16"	1/4"	1173
5.5/8"	6.1/4"	5/8"	5/16"	J-3120.5625-625
5.5/8"	6.3/8"	5/8"	3/8"	1174
5.3/4"	6.1/4"	9/16"	1/4"	1175
5.3/4"	6.3/8"	5/8"	5/16"	6467

5.3/4"	6.1/2"	5/8"	3/8"	2956
5.3/4"	6.3/4"	3/4"	1/2"	1316
5.3/4"	7"	1"	5/8"	J-6250.5750-1000
5.3/4"	7.1/4"	1.1/4"	3/4"	J-7500.5750-1250
5.3/4"	7.3/4"	1.1/2"	1"	J-1000.5750-1500
5.7/8"	6.1/2"	9/16"	1/4"	1176
5.7/8"	6.1/2"	5/8"	5/16"	J-3120.5875-625
5.7/8"	6.5/8"	5/8"	3/8"	J-3750.5875-625
6"	6.1/2"	9/16"	1/4"	1177
6"	6.5/8"	5/8"	5/16"	1317
6"	6.3/4"	5/8"	3/8"	1178
6"	7"	3/4"	1/2"	3634
6"	7.1/4"	1"	5/8"	J-6250.6000-1000
6"	7.1/2"	1.1/4"	3/4"	J-7500.6000-1250
6"	8"	1.1/2"	1"	J-10000.6000-1500
6.1/4"	6.3/4"	9/16"	1/4"	1179
6.1/4"	6.7/8"	5/8"	5/16"	460
6.1/4"	7"	5/8"	3/8"	3656
6.1/4"	7.1/4"	3/4"	1/2"	J-5000.6250-750
6.1/4"	7.1/2"	1"	5/8"	J-6250.6250-1000
6.1/4"	7.3/4"	1.1/4"	3/4"	J-7500.6250-1250
6.1/4"	8.1/4"	1.1/2"	1"	J-10000.6250-1500
6.3/8"	7"	5/8"	5/16"	J-3120.6375-625
6.1/2"	6.7/8"	1/2"	3/16"	5732
6.1/2"	7"	9/16"	1/4"	1180
6.1/2"	7.1/8"	5/8"	5/16"	4805
6.1/2"	7.1/4"	5/8"	3/8"	3657
6.1/2"	7.1/2"	3/4"	1/2"	4168
6.1/2"	7.3/4"	1"	5/8"	J-6250.6500-1000
6.1/2"	8"	1.1/4"	3/4"	J-7500.6500-1250
6.1/2"	8.1/2"	1.1/2"	1"	J-10000.6500-1500
6.5/8"	7.1/4"	5/8"	5/16"	J-3120.6625-625
6.3/4"	7.1/4"	9/16"	1/4"	1181
6.3/4"	7.3/8"	5/8"	5/16"	4803
6.3/4"	7.1/2"	5/8"	3/8"	3611
6.3/4"	7.3/4"	3/4"	1/2"	J-5000.6750-750
6.3/4"	8"	1"	5/8"	J-6250.6750-1000
6.3/4"	8.1/4"	1.1/4"	3/4"	J-7500.6750-1250
6.3/4"	8.3/4"	1.1/2"	1"	J-10000.6750-1500
7"	7.1/2"	9/16"	1/4"	1182
7"	7.5/8"	5/8"	5/16"	4290
7"	7.3/4"	5/8"	3/8"	6294
7"	8"	3/4"	1/2"	6266
7"	8.1/4"	1"	5/8"	J-6250.7000-1000
7"	8.1/2"	1.1/4"	3/4"	J-7500.7000-1250
7"	9"	1.1/2"	1"	J-10000.7000-1500
7.1/4"	7.3/4"	9/16"	1/4"	1183
7.1/4"	7.7/8"	5/8"	5/16"	6315
7.1/4"	8"	5/8"	3/8"	5673
7.1/4"	8.1/4"	3/4"	1/2"	J-5000.7250-750
7.1/4"	8.1/2"	1"	5/8"	6118
7.1/4"	8.3/4"	1.1/4"	3/4"	J-7500.7250-1250
7.1/4"	9.1/4"	1.1/2"	1"	J-10000.7250-1500
7.3/8"	7.3/4"	1/2"	3/16"	6022
7.1/2"	8"	9/16"	1/4"	1184
7.1/2"	8.3/8"	5/8"	5/16"	4804

7.1/2"	8.1/4"	5/8"	3/8"	6291
7.1/2"	8.1/2"	3/4"	1/2"	1318
7.1/2"	8.3/4"	1"	5/8"	J-6250.7500-1000
7.1/2"	9"	1.1/4"	3/4"	J-7500.7500-1250
7.1/2"	9.1/2"	1.1/2"	1"	J-10000.7500-1500
7.3/4"	8.1/4"	9/16"	1/4"	1185
7.3/4"	8.3/8"	5/8"	5/16"	J-3120.7750-625
7.3/4"	8.1/2"	5/8"	3/8"	6282
7.3/4"	8.3/4"	3/4"	1/2"	6565
7.3/4"	9"	1"	5/8"	J-6250.7750-1000
7.3/4"	9.1/4"	1.1/4"	3/4"	J-7500.7750-1250
7.3/4"	9.3/4"	1.1/2"	1"	J-10000.7750-1500
7.7/8"	8.1/2"	5/8"	5/16"	7164
8"	8.1/2"	9/16"	1/4"	1186
8"	8.5/8"	5/8"	5/16"	J-3120.8000-625
8"	8.3/4"	5/8"	3/8"	6462
8"	9"	3/4"	1/2"	6987
8"	9.1/4"	1"	5/8"	J-6250.8000-1000
8"	9.1/2"	1.1/4"	3/4"	J-7500.8000-1250
8"	10"	1.1/2"	1"	J-10000.8000-1500
8.1/8"	8.5/8"	9/16"	1/4"	1187
8.1/4"	8.3/4"	9/16"	1/4"	2197
8.1/4"	8.7/8"	5/8"	5/16"	J-3120.8250-625
8.1/4"	9"	5/8"	3/8"	3593
8.1/4"	9.1/4"	3/4"	1/2"	J-5000.8250-750
8.1/4"	9.1/2"	1"	5/8"	J-6250.8250-1000
8.1/4"	9.3/4"	1.1/4"	3/4"	J-7500.8250-1250
8.1/4"	10.1/4"	1.1/2"	1"	J-10000.8250-1500
8.1/2"	9"	9/16"	1/4"	1188
8.1/2"	9.1/8"	5/8"	5/16"	J-3120.8500-625
8.1/2"	9.1/4"	5/8"	3/8"	3660
8.1/2"	9.1/2"	3/4"	1/2"	4111
8.1/2"	9.3/4"	1"	5/8"	J-6250.8500-1000
8.1/2"	10"	1.1/4"	3/4"	J-7500.8500-1250
8.1/2"	10.1/2"	1.1/2"	1"	J-10000.8500-1500
8.3/4"	9.1/4"	9/16"	1/4"	1372
8.3/4"	9.3/4"	5/8"	5/16"	J-3120.8750-625
8.3/4"	9.1/2"	1/2"	3/8"	J-3750.8750-500
8.3/4"	9.1/2"	5/8"	3/8"	5749
8.3/4"	9.3/4"	3/4"	1/2"	J-5000.8750-750
8.3/4"	10"	1"	5/8"	J-6250.8750-1000
8.3/4"	10.1/4"	1.1/4"	3/4"	J-7500.8750-1250
8.3/4"	10.3/4"	1.1/2"	1"	J-10000.8750-1500
9"	9.1/2"	9/16"	1/4"	1189
9"	9.5/8"	5/8"	5/16"	J-3120.9000-625
9"	9.3/4"	5/8"	3/8"	3594
9"	10"	3/4"	1/2"	J-5000.9000-750
9"	10.1/4"	1"	5/8"	J-6250.9000-1000
9"	10.1/2"	1.1/4"	3/4"	J-7500.9000-1250
9"	11"	1.1/2"	1"	J-10000.9000-1500
9.1/8"	9.3/4"	5/8"	5/16"	3705
9.1/4"	9.3/4"	9/16"	1/4"	1190
9.1/4"	9.7/8"	5/8"	5/16"	5757
9.1/4"	10"	5/8"	3/8"	3649
9.1/4"	10.1/4"	3/4"	1/2"	J-5000.9250-750
9.1/4"	10.1/2"	1"	5/8"	J-6250.9250-1000

9.1/4"	10.3/4"	1.1/4"	3/4"	J-7500.9250-1250
9.1/4"	11.1/4"	1.1/2"	1"	J-10000.9250-1500
9.1/2"	10"	9/16"	1/4"	1191
9.1/2"	10.1/8"	5/8"	5/16"	1192
9.1/2"	10.1/4"	5/8"	3/8"	J-3750.9500-625
9.1/2"	10.1/2"	3/4"	1/2"	J-5000.9500-750
9.1/2"	10.3/4"	1"	5/8"	J-6250.9500-1000
9.1/2"	11"	1.1/4"	3/4"	J-7500.9500-1250
9.1/2"	11.1/2"	1.1/2"	1"	J-10000.9500-1500
9.3/4"	10.1/4"	9/16"	1/4"	4062
9.3/4"	10.3/8"	5/8"	5/16"	J-3120.9750-562
9.3/4"	10.1/2"	5/8"	3/8"	5750
9.3/4"	10.3/4"	3/4"	1/2"	J-5000.9750-750
9.3/4"	11"	1"	5/8"	J-6250.6750-1000
9.3/4"	11.1/4"	1.1/4"	3/4"	J-7500.9750-1250
9.3/4"	11.3/4"	1.1/2"	1"	J-10000.9750-1500
10"	10.1/2"	9/16"	1/4"	J-2501.0000-562
10"	10.3/4"	5/8"	3/8"	J-3751.0000-625
10"	11"	3/4"	1/2"	J-5001.0000-750
10.1/2"	11.1/8"	3/4"	3/4"	J-5001.0125-750
7"	8.1/4"	1"	3/4"	J-6250.7000-1000
10"	11.1/4"	1"	5/8"	J-6251.0000-1000
10"	11.1/2"	1.1/4"	3/4"	J-7500.0000-1250
10"	12"	1.1/2"	1"	J-10000.10000-1500
10.1/4"	10.3/4"	9/16"	1/4"	J-2501.0250-562
10.1/4"	10.7/8"	5/8"	5/16"	J-3121.0250-625
10.1/4"	11"	5/8"	3/8"	J-3751.0250-625
10.1/4"	11.1/4"	3/4"	1/2"	J-5001.0250-750
10.1/4"	11.1/2"	1"	5/8"	J-6251.0250-1000
10.1/4"	11.3/4"	1.1/4"	3/4"	J-7501.0250-1250
10.1/4"	12.1/4"	1.1/2"	1"	J-10001.0250-1500