

ORIFICE THREADS	DESCRIPTION	BULLETIN	K FACTOR	SIN
7/16, 1/2NPT	A hsw 3	130	4.15	R3037
7/16, 1/2NPT	A pendent	130	4.15	R3017
1/2, 1/2NPT	A pendent	130	5.50	R3012
1/2, 1/2 NPT	AH42 upright	056	4.2	RA5623
1/2, 1/2 NPT	AH56 upright	056	5.6	RA5626
1/2, 1/2 NPT	B flush pendent	118	5.62	R1815
1/4, 1/2 NPT	B window pendent	104	1.81	R0413
5/16, 1/2 NPT	B window pendent	104	2.57	R0414
3/8, 1/2 NPT	B window pendent	104	3.45	R0415
1/2, 1/2 NPT	DD56-27 upright	056	5.6	RA5694
1/2, 1/2 NPT	DD56-6 upright	056	5.6	RA5624
3/4, 3/4 NPT	DD80-27 upright	056	8.0	RA5692
3/4, 3/4 NPT	DD80-6 upright	056	8.0	RA5622
1/2, 1NPT	DH 56 EC hsw	016	5.60	RA1664
1/2, 1/2NPT	DH 56 EC hsw	015	5.60	RA1564
1/2, 1NPT	DH 56 EC hsw rec	016	5.60	RA1664
1/2, 1/2NPT	DH 56 EC hsw rec	015	5.60	RA1564
1/2, 1NPT	DH 56 EC SWC	016	5.60	RA1664
1/2, 1/2NPT	DH 56 EC SWC	015	5.60	RA1564
17/32, 3/4NPT	DH 80 EC hsw	003	8.00	RA0362
1/2, 1/2 NPT	DS56 upright	056	5.6	RA5625
3/8, 1/2 NPT	F4FR pendent	125	2.82	R2511
10mm, R 3/8	F1 conv	117	4.10	R1774
15mm, R 1/2	F1 conv	117	5.62	R1775
20mm, R 3/4	F1 conv	117	8.00	R1772
1/2, 1/2 NPT	F1 conv open	104 (117)	5.62	R1775
17/32, 3/4 NPT	F1 conv open	104 (117)	8.00	R1772
1/2, 1/2NPT	F1 EC pendent	117	5.62	R1745
17/32, 3/4NPT	F1 EC pendent	117	8.00	R1742
17/32, 3/4NPT	F1 EC6 hsw	117	8.00	R1762
1/2, 1/2 NPT	F1 hsw	117	5.62	R1735
1/2, 1/2 NPT	F1 hsw open	104 (117)	5.62	R1735
1/2, 1/2NPT	F1 inter pendent	170 (117)	5.62	R1715
17/32, 3/4NPT	F1 inter pendent	170 (117)	8.00	R1712
1/2, 1/2NPT	F1 inter upright	170	5.62	R7025
17/32, 3/4NPT	F1 inter upright	170	8.00	R7022
3/8, 1/2 NPT	F1 pendent	117	2.82	R1711
10mm, R 3/8	F1 pendent	117	4.10	R1714
7/16, 1/2 NPT	F1 pendent	117	4.24	R1713
1/2, 1/2 NPT	F1 pendent	117	5.62	R1715
17/32, 3/4 NPT	F1 pendent	117	8.00	R1712
3/8, 1/2 NPT	F1 pendent open	104 (117)	2.82	R1711
7/16, 1/2 NPT	F1 pendent open	104 (117)	4.24	R1713
1/2, 1/2 NPT	F1 pendent open	104 (117)	5.62	R1715
17/32, 3/4 NPT	F1 pendent open	104 (117)	8.00	R1712

21/64, 1/2 NPT	F1 RES30 LL	033	3.00	RA3311
3/8, 1/2 NPT	F1 RES44 LL HSW	033	4.40	RA3331
7/16, 1/2 NPT	F1 RES49 LL	033	4.90	RA3316
1/2, 1/2 NPT	F1 RES58 HSWX	035	5.80	RA3533
1/2, 1/2 NPT	F1 RES58 LL	033	5.80	RA3313
1/2, 1/2 NPT	F1 RES58 LL HSW	033	5.80	RA3333
3/8, 1/2 NPT	F1 upright	117	2.82	R1721
10mm, R 3/8	F1 upright	117	4.10	R1724
7/16, 1/2 NPT	F1 upright	117	4.24	R1723
1/2, 1/2 NPT	F1 upright	117	5.62	R1725
17/32, 3/4 NPT	F1 upright	117	8.00	R1722
3/8, 1/2 NPT	F1 upright open	104 (117)	2.82	R1721
7/16, 1/2 NPT	F1 upright open	104 (117)	4.24	R1723
1/2, 1/2 NPT	F1 upright open	104 (117)	5.62	R1725
17/32, 3/4 NPT	F1 upright open	104 (117)	8.00	R1722
1/2, 1/2 NPT	F1 vsw	117	5.62	R1785
1/2, 1/2 NPT	F1 vsw open	104 (117)	5.62	R1785
3/8, 1/2NPT	F1/RES 16 pendent	139	3.00	R3911
3/8, 1/2NPT	F1/RES 18 pendent	139	3.90	R3912
7/16, 1/2NPT	F1/RES 2 pendent	139	4.20	R3919
7/16, 1/2NPT	F1/RES 20 pendent	139	4.20	R3915
3/8, 1/2NPT	F1/RES 3 hsw	139	3.90	R3932
21/64, 1/2 NPT	F1/Res 30 pendent	135	3.00	R3511
3/8, 1/2NPT	F1/RES 39 hsw	135	3.90	R3532
3/8, 1/2NPT	F1/RES 40 hsw	135	4.00	R3538
3/8, 1/2NPT	F1/RES 44 conc hsw	135	4.40	R3531
3/8, 1/2NPT	F1/RES 44 hsw	135	4.40	R3531
7/16, 1/2NPT	F1/RES 49 pendent	135	4.90	R3516
1/2, 1/2NPT	F1/RES 58 CCP pendent	135	5.80	R3513
1/2, 1/2NPT	F1/RES 58 hsw	135	5.80	R3533
1/2, 1/2NPT	F1/RES 58 pendent	135	5.80	R3513
1/2, 1/2NPT	F1/RES 76 CCP pendent	135	7.60	R7618
1/2, 1/2NPT	F1/RES 76 pendent	135	7.60	R7618
1/2, 1/2NPT	F1/RES CCP pendent	141 (139)	3.90	R3912
1/2, 1/2NPT	F1/RES hsw	139	5.60	R3934
1/2, 1/2NPT	F1/RES pendent	139	5.60	R3914
5/16, 1/2 NPT	F128 SP	013	2.8	RA1311
5/16, 1/2 NPT	F128 SU	013	2.8	RA1321
1/2, 1/2NPT	F1-300 EC pendent	158	5.62	R5845
17/32, 3/4NPT	F1-300 EC pendent	158	8.00	R5842
1/2, 1/2 NPT	F1-300 pendent	155	5.62	R5515
17/32, 3/4 NPT	F1-300 pendent	155	8.00	R5512
1/2, 1/2 NPT	F1-300 upright	155	5.62	R5525
17/32, 3/4 NPT	F1-300 upright	155	8.00	R5522
7/16, 1/2 NPT	F142 SP	013	4.2	RA1313
7/16, 1/2 NPT	F142 SU	013	4.2	RA1323
15mm, R 1/2	F156 conv	013	5.62	RA1375
1/2, 1/2 NPT	F156 EC pendent	027	5.62	RA2745
1/2, 1/2 NPT	F156 hsw	013	5.62	RA1335

1/2, 1/2 NPT	F156 inter pendent	013	5.62	RA1314
1/2, 1/2 NPT	F156 inter upright	031	5.62	RA3125
1/2, 1/2 NPT	F156 pendent	013	5.60	RA1314
1/2, 1/2 NPT	F156 upright	013	5.62	RA1325
1/2, 1/2 NPT	F156 vsw	013	5.62	RA1385
1/2, 1/2 NPT	F156-300 EC pendent	029	5.62	RA2945
1/2, 1/2 NPT	F156-300 pendent	025	5.62	RA2514
1/2, 1/2 NPT	F156-300 upright	025	5.62	RA2525
1/2, 1/2 NPT	F1-56SS pendent	064	5.6	RA6414
1/2, 1/2 NPT	F1-56SS upright	064	5.6	RA6424
17/32, 3/4 NPT	F1-80 pendent	062	8.00	RA6212
17/32, 3/4 NPT	F1-80 upright	062	8.00	RA6222
17/32, 3/4 NPT	F1-80-300 pendent	076	8.00	RA7612
17/32, 3/4 NPT	F1-80-300 upright	076	8.00	RA7622
17/32, 3/4 NPT	F1-80SS pendent	064	8.0	RA6412
17/32, 3/4 NPT	F1-80SS upright	064	8.0	RA6422
5/16, 1/2 NPT	F1FR 28 SP	014	2.80	RA1411
5/16, 1/2 NPT	F1FR 28 SU	014	2.80	RA1421
10mm, R 1/2	F1FR 40	014	4.00	RA1418
7/16, 1/2 NPT	F1FR 42 SP	014	4.20	RA1413
7/16, 1/2 NPT	F1FR 42 SU	014	4.20	RA1423
1/2, 1/2 NPT	F1FR 56	014	5.60	RA1414
1/2, 1/2 NPT	F1FR CCP pendent	143 (136)	5.62	R3615
10mm, 3/8 NPT	F1FR conv	136	4.10	R3674
15mm, 1/2 NPT	F1FR conv	136	5.62	R3675
20mm, 3/4 NPT	F1FR conv	136	8.00	R3672
1/2, 1/2NPT	F1FR EC pendent	148	5.62	R4845
17/32, 3/4NPT	F1FR EC pendent	148	8.00	R4842
1/2, 1/2NPT	F1FR EC8 hsw	148	5.62	R4865
17/32, 3/4NPT	F1FR EC9 hsw	148	8.00	R4862
17/32, 3/4NPT	F1FR EPEC 115	012	8.00	RA1212
1/2, 1/2 NPT	F1FR hsw	136	5.62	R3635
1/2, 1/2NPT	F1FR inter pendent	170 (136)	5.62	R3615
17/32, 3/4NPT	F1FR inter pendent	170 (136)	8.00	R3612
1/2, 1/2NPT	F1FR inter upright	170	5.62	R7095
17/32, 3/4NPT	F1FR inter upright	170	8.00	R7092
20mm, R1/2	F1FR K115 SSP	038	8.00	RA3812
20mm, R1/2	F1FR K115 SSU	038	8.00	RA3822
3/8, 1/2 NPT	F1FR pendent	136	2.82	R3611
10mm, 3/8 NPT	F1FR pendent	136	4.10	R3614
7/16, 1/2 NPT	F1FR pendent	136	4.24	R3613
1/2, 1/2 NPT	F1FR pendent	136	5.62	R3615
17/32, 3/4 NPT	F1FR pendent	136	8.00	R3612
1/2, 1/2NPT	F1FR QR CCP pendent	148	5.62	R4845
17/32, 3/4NPT	F1FR QREC CCP pendent	151 (148)	8.00	R4842
3/8, 1/2 NPT	F1FR upright	136	2.82	R3621
10mm, 3/8 NPT	F1FR upright	136	4.10	R3624
7/16, 1/2 NPT	F1FR upright	136	4.24	R3623
1/2, 1/2 NPT	F1FR upright	136	5.62	R3625

17/32, 3/4 NPT	F1FR upright	136	8.00	R3622
1/2, 1/2 NPT	F1FR vsw	136	5.62	R3685
1/2, 1/2 NPT	F1FR-300 CCP pendent	164 (156)	5.62	R5615
17/32, 3/4 NPT	F1FR-300 pendent	156	8.00	R5612
1/2, 1/2NPT	F1FR-300 QREC CCP pendent	167 (159)	5.62	R5945
17/32, 3/4NPT	F1FR-300 QREC CCP pendent	167 (159)	8.00	R5942
1/2, 1/2NPT	F1FR-300 QREC pendent	159	5.62	R5945
17/32, 3/4NPT	F1FR-300 QREC pendent	159	8.00	R5942
17/32, 3/4NPT	F1FR-300 QREC-9 hsw	159	8.00	R5962
1/2, 1/2 NPT	F1FR-300 upright	156	5.62	R5625
17/32, 3/4 NPT	F1FR-300 upright	156	8.00	R5622
7/16, 1/2 NPT	F1FR42 LL	014	4.20	RA1410
15mm, 1/2 NPT	F1FR56 conv	014	5.62	RA1475
1/2, 1/2 NPT	F1FR56 EC pendent	028	5.62	RA2845
1/2, 1/2 NPT	F1FR56 EC8 hsw	028	5.62	RA2865
1/2, 1/2 NPT	F1FR56 hsw	014	5.62	RA1435
1/2, 1/2 NPT	F1FR56 inter pendent	014	5.62	RA1414
1/2, 1/2 NPT	F1FR56 inter upright	031	5.62	RA3195
1/2, 1/2 NPT	F1FR56 LL	014	5.60	RA1414
1/2 NPT	F1FR56 SSP, S.S.	065	5.60	RA6514
1/2, 1/2 NPT	F1FR56 upright	014	5.62	RA1425
1/2, 1/2 NPT	F1FR56 vsw	014	5.62	RA1485
1/2 NPT	F1FR56, SSU, S.S.	065	5.60	RA6524
1/2, 1/2 NPT	F1FR56-300 pendent	026	5.62	RA2614
1/2, 1/2 NPT	F1FR56-300 QREC pendent	030	5.62	RA3045
1/2, 1/2 NPT	F1FR56-300 upright	026	5.62	RA2625
1/2, 1/2 NPT	F1FR-56SS pendent	065	5.6	RA6514
1/2, 1/2 NPT	F1FR-56SS upright	065	5.6	RA6524
17/32, 3/4 NPT	F1FR80 pendent	63	8.00	RA6312
17/32, 3/4 NPT	F1FR80 upright	63	8.00	RA6322
17/32, 3/4 NPT	F1FR80-300 pendent	076	8.00	RA7612
17/32, 3/4 NPT	F1FR80-300 upright	076	8.00	RA7622
17/32, 3/4 NPT	F1FR-80SS pendent	065	8.0	RA6512
17/32, 3/4 NPT	F1FR-80SS upright	065	8.0	RA6522
20mm, R1/2	F1FR-FS K115	037	8.00	RA3712
15mm, R 1/2	F1FR-FS42 pendent	022	4.2	RA2215
1/2, 1/2 NPT	F1FR-FS56 pendent	022	5.60	RA2214
1/2, 1/2 NPT	F1-FS56 pendent	021	5.60	RA2114
15mm, 15mmT	F1S5 pendent	117	5.62	R1705
20mm. 20mm T	F1S5 pendent	117	8.00	R1702
15mm, 15mmT	F1S5 upright	117	5.62	R1795
20mm. 20mm T	F1S5 upright	117	8.00	R1792
15mm, R 1/2	F1S5-40	024	4.0	RA2418
15mm, R 1/2	F1S5-FS42 pendent	023	4.2	RA2315
1/2, 1/2 NPT	F1S5-FS56 pendent	023	5.60	RA2314
20mm, R 3/4	F1S5-FSLO pendent	023	8.0	RA2312
1/2, 1NPT	F3 CCP pendent	153	5.60	R5314
1/2, 1NPT	F3 hsw	153	5.60	R5334
1/2, 1NPT	F3 hsw rec.	153	5.60	R5334

1/2, 1NPT	F3 pendent	153	5.60	R5314
1/2, 1NPT	F3 pendent rec.	153	5.60	R5314
3/4, 1 NPT	F3 RES44 hsw	052	4.40	RA5231
3/4, 1 NPT	F3-56 Upright	153	5.60	RA5324
3/4, 1 NPT	F3-80 HSW	060	8.00	RA6032
3/4, 1 NPT	F380 pendent	060	8.00	RA6012
1/2, 1NPT	F3QR CCP pendent	157	5.60	R5714
1/2, 1NPT	F3QR hsw	157	5.60	R5734
1/2, 1NPT	F3QR hsw rec.	157	5.60	R5734
1/2, 1NPT	F3QR pendent	157	5.60	R5714
1/2, 1NPT	F3QR pendent rec.	157	5.60	R5714
3/4, 1 NPT	F3QR56	157	5.60	RA5724
3/4, 1 NPT	F3QR80 HSW	061	8.00	RA6132
3/4, 1 NPT	F3QR80 pendent	061	8.00	RA6112
1/2, 1/2 NPT	F4 RES pendent	126	5.50	R2612
1/2, 1/2 NPT	F4FR NF pendent	002	5.50	RA0212
7/16, 1/2 NPT	F4FR pendent	125	4.24	R2513
1/2, 1/2 NPT	F4FR pendent	125	5.50	R2512
1/2, 1 NPT	F4FR pendent adj.	125	5.53	R2518
1/2, 1/2 NPT	FM cornice upright	104	7.00	R0428
5/8,3/4 NPT	FM cornice upright	104	11.21	R0426
3/4, 3/4 NPT	FM cornice upright	104	16.00	R0421
1/2, 1/2 NPT	FM window pendent	104	7.00	R0418
5/8,3/4 NPT	FM window pendent	104	11.21	R0416
3/4, 3/4 NPT	FM window pendent	104	16.00	R0411
15mm, 15mmT	G conv	110	5.62	R1075
1/2, 1/2 NPT	G conv open	104 (110)	5.62	R1075
17/32, 3/4 NPT	G conv open	104 (110)	8.20	R1077
1/2, 1/2NPT	G EC4 hsw	112	5.62	R1265
17/32, 3/4NPT	G EC4 hsw	112	8.20	R1267
1/2, 1/2 NPT	G hsw open	104 (112)	5.62	R1235
3/8,1/2 NPT	G hsw1	112	2.82	R1231
7/16, 1/2 NPT	G hsw1	112	4.24	R1233
1/2, 1/2 NPT	G hsw1	112	5.62	R1235
17/32, 1/2 NPT	G hsw1	112	7.96	R1236
17/32, 3/4 NPT	G hsw1	112	8.20	R1237
1/2, 1/2NPT	G inter pendent	114 (110)	5.62	R1015
17/32, 3/4NPT	G inter pendent	114 (110)	8.20	R1017
1/2, 1/2NPT	G inter upright	114	5.62	R1425
17/32, 3/4NPT	G inter upright	114	8.20	R1427
5/16, 1/2 NPT	G pendent	110	1.98	R1012
3/8,1/2 NPT	G pendent	110	2.82	R1011
7/16, 1/2 NPT	G pendent	110	4.24	R1013
1/2, 1/2 NPT	G pendent	110	5.62	R1015
17/32, 1/2 NPT	G pendent	110	7.96	R1016
17/32, 3/4 NPT	G pendent	110	8.20	R1017
3/8, 1NPT	G pendent adj. rec.	111	2.75	R1117
7/16, 1 NPT	G pendent adj. rec.	111	4.24	R1113
1/2, 1NPT	G pendent adj. rec.	111	5.53	R1118

15mm, R1	G pendent adj. rec.	111	5.53	R1118
5/16, 1/2 NPT	G pendent open	104 (110)	1.98	R1012
3/8, 1/2 NPT	G pendent open	104 (110)	2.82	R1011
7/16, 1/2 NPT	G pendent open	104 (110)	4.24	R1013
1/2, 1/2 NPT	G pendent open	104 (110)	5.62	R1015
17/32, 1/2 NPT	G pendent open	104 (110)	7.96	R1016
17/32, 3/4 NPT	G pendent open	104 (110)	8.20	R1017
3/8, 1/2 NPT	G pendent rec.	111 (110)	2.82	R1011
7/16, 1/2 NPT	G pendent rec.	111 (110)	4.24	R1013
1/2, 1/2 NPT	G pendent rec.	111 (110)	5.62	R1015
17/32, 1/2 NPT	G pendent rec.	111 (110)	7.96	R1016
5/16, 1/2 NPT	G upright	110	1.98	R1022
3/8, 1/2 NPT	G upright	110	2.82	R1021
7/16, 1/2 NPT	G upright	110	4.24	R1023
1/2, 1/2 NPT	G upright	110	5.62	R1025
17/32, 1/2 NPT	G upright	110	7.96	R1026
17/32, 3/4 NPT	G upright	110	8.20	R1027
5/16, 1/2 NPT	G upright open	104 (110)	1.98	R1022
3/8, 1/2 NPT	G upright open	104 (110)	2.82	R1021
7/16, 1/2 NPT	G upright open	104 (110)	4.24	R1023
1/2, 1/2 NPT	G upright open	104 (110)	5.62	R1025
17/32, 1/2 NPT	G upright open	104 (110)	7.96	R1026
17/32, 3/4 NPT	G upright open	104 (110)	8.20	R1027
0.70, 3/4NPT	G velo pendent	146	14.5	R4613
0.70, 3/4NPT	G velo pendent	149 (146)	14.5	R4613
3/8, 1/2 NPT	G vsw	112	2.82	R1281
7/16, 1/2 NPT	G vsw	112	4.24	R1283
1/2, 1/2 NPT	G vsw	112	5.62	R1285
17/32, 1/2 NPT	G vsw	112	7.96	R1286
17/32, 3/4 NPT	G vsw	112	8.20	R1287
1/2, 1/2 NPT	G vsw open	104 (112)	5.62	R1285
20mm. 20mm T	G xhh conv	110	8.20	R1077
20mm, R 3/4	G xhh pendent	110	8.20	R1017
20mm. 20mm T	G xhh upright	110	8.20	R1027
10mm, 10mm T	G xlh conv	110	4.10	R1074
10mm, R 3/8	G xlh pendent	110	4.10	R1014
10mm, 10mm T	G xlh upright	110	4.10	R1024
0.64, 1/2NPT	G xlo upright	129	11.4	R2921
0.64, 3/4NPT	G xlo upright	129	11.4	R2921
7/16, 1/2 NPT	G/F1 hsw1	112	4.24	R1233
1/2, 1/2 NPT	G/F1 hsw1	112	5.62	R1235
3/8, 1/2 NPT	G/F1 pendent	120 (110)	2.82	R1011
7/16, 1/2 NPT	G/F1 pendent	120 (110)	4.24	R1013
1/2, 1/2 NPT	G/F1 pendent	120 (110)	5.62	R1015
17/32, 3/4 NPT	G/F1 pendent	120 (110)	8.20	R1017
10mm, R 3/8	G/F1 pendent	120 (110)	4.10	R1014
3/8, 1/2 NPT	G1 pendent	115	2.82	R1511
7/16, 1/2 NPT	G1 pendent	115	4.24	R1513
1/2, 1/2 NPT	G1 pendent	115	5.62	R1515

3/8, 1NPT	G1 pendent adj.	115	2.72	R1512
7/16, 1 NPT	G1 pendent adj.	115	4.24	R1513
1/2, 1NPT	G1 pendent adj.	115	5.53	R1518
15mm, R1	G1 pendent adj.	115	5.53	R1518
1/2, 1NPT	G3 hsw	116	5.70	R1636
1/2, 1NPT	G3 pendent	116	5.70	R1616
1/2, 1NPT	G3A pendent conc	116	5.70	R1696
1/2, 1NPT	G3FR hsw	142	5.70	R4236
1/2, 1NPT	G3FR pendent	142	5.70	R4216
3/8, 1NPT	G4 pendent adj.conc	121	2.72	R2112
7/16, 1 NPT	G4 pendent adj.conc	121	4.24	R2113
1/2, 1NPT	G4 pendent adj.conc	121	5.53	R2118
3/8, 1/2 NPT	G4 pendent conc	121	2.82	R2111
7/16, 1/2 NPT	G4 pendent conc	121	4.24	R2113
1/2, 1/2 NPT	G4 pendent conc	121	5.62	R2115
3/8, 1/2 NPT	G4 pendent sconc	123 (121)	2.82	R2111
7/16, 1/2 NPT	G4 pendent sconc	123 (121)	4.24	R2113
1/2, 1/2 NPT	G4 pendent sconc	123 (121)	5.62	R2115
3/8, 1NPT	G4 pendent sconc adj.	123 (121)	2.72	R2112
7/16, 1 NPT	G4 pendent sconc adj.	123 (121)	4.24	R2113
1/2, 1NPT	G4 pendent sconc adj.	123 (121)	5.53	R2118
0.64, 3/4NPT	G4 xlo QREC/EC pendent	144	11.4	R4441
.63, 3/4 NPT	G4 XLO-QR ECOH pendent	171	11.2	R7146
1/2, 1/2 NPT	G4-300 pendent conc	161	5.62	R6115
1/2, 1NPT	G4-300 pendent conc adj.	161	5.53	R6118
3/8, 1NPT	G4A pendent adj.	154	2.72	R5412
7/16, 1 NPT	G4A pendent adj.	154	4.24	R5413
1/2, 1 NPT	G4A pendent adj.	154	5.53	R5418
3/8, 1/2 NPT	G4A pendent	154	2.82	R5411
7/16, 1/2 NPT	G4A pendent	154	4.24	R5413
1/2, 1/2 NPT	G4A pendent	154	5.62	R5415
1/2, 1/2 NPT	G4A-300 pendent	162	5.62	R6215
1/2, 1 NPT	G4A-300 pendent adj.	162	5.53	R6218
3/8, 1/2 NPT	G4FR pendent	122	2.82	R2211
7/16, 1/2 NPT	G4FR pendent	122	4.24	R2213
1/2, 1/2 NPT	G4FR pendent	122	5.62	R2215
3/8, 1NPT	G4FR pendent adj.	122	2.72	R2212
7/16, 1 NPT	G4FR pendent adj.	122	4.24	R2213
1/2, 1NPT	G4FR pendent adj.	122	5.53	R2218
15mm, R1	G4FR pendent adj.	122	5.53	R2218
3/8, 1/2 NPT	G4FR pendent sconc	123 (122)	2.82	R2211
7/16, 1/2 NPT	G4FR pendent sconc	123 (122)	4.24	R2213
1/2, 1/2 NPT	G4FR pendent sconc	123 (122)	5.62	R2215
3/8, 1NPT	G4FR pendent sconc adj.	123 (122)	2.72	R2212
7/16, 1 NPT	G4FR pendent sconc adj.	123 (122)	4.24	R2213
1/2, 1NPT	G4FR pendent sconc adj.	123 (122)	5.53	R2218
3/8, 1/2 NPT	G4QR pendent	147	2.82	R4711
7/16, 1/2 NPT	G4QR pendent	147	4.24	R4713
1/2, 1/2 NPT	G4QR pendent	147	5.62	R4715

3/8, 1NPT	G4QR pendent adj.	147	2.72	R4712
7/16, 1 NPT	G4QR pendent adj.	147	4.24	R4713
1/2, 1NPT	G4QR pendent adj.	147	5.53	R4718
5/16, 1/2 NPT	G5-28	034	2.8	RA3411
1/2, 1/2 NPT	G5-300	040	5.6	RA4014
7/16, 1/2 NPT	G5-42	034	4.2	RA3413
1/2, 1/2 NPT	G5-56	034	5.6	RA3415
1/2, 1/2 NPT	G5-56 Dry	051	5.60	RA5114
3/4, 3/4 NPT	G5-80	034	8.0	RA3412
3/4, 3/4 NPT	G5-80F	34	8.0	RA3417
1/2, 1/2 NPT	G6-56	050	5.6	RA5035
3/4, 3/4 NPT	G6-80	047	8.0	RA4762
10mm, 3/8 NPT	GFR conv	131	4.10	R3174
15mm, 1/2 NPT	GFR conv	131	5.62	R3175
20mm, 3/4 NPT	GFR conv	131	8.20	R3177
3/8, 1/2 NPT	GFR hsw	131	2.82	R3131
7/16, 1/2 NPT	GFR hsw	131	4.24	R3133
1/2, 1/2 NPT	GFR hsw	131	5.62	R3135
17/32, 3/4 NPT	GFR hsw	131	8.20	R3137
1/2, 1/2NPT	GFR inter pendent	131	5.62	R3115
17/32, 3/4NPT	GFR inter pendent	131	8.20	R3117
1/2, 1/2NPT	GFR inter upright	131	5.62	R3195
17/32, 3/4NPT	GFR inter upright	131	8.20	R3197
3/8, 1/2 NPT	GFR pendent	131	2.82	R3111
10mm, 3/8 NPT	GFR pendent	131	4.10	R3114
7/16, 1/2 NPT	GFR pendent	131	4.24	R3113
1/2, 1/2 NPT	GFR pendent	131	5.62	R3115
17/32, 3/4 NPT	GFR pendent	131	8.20	R3117
3/8, 1/2 NPT	GFR upright	131	2.82	R3121
10mm, 3/8 NPT	GFR upright	131	4.10	R3124
7/16, 1/2 NPT	GFR upright	131	4.24	R3123
1/2, 1/2 NPT	GFR upright	131	5.62	R3125
17/32, 3/4 NPT	GFR upright	131	8.20	R3127
0.70, 3/4NPT	GFR velo ECOH pendent	160	14.5	R6043
0.70, 3/4NPT	GFR velo ECOH upright	165	14.5	R6553
3/8, 1/2 NPT	GFR vsw	131	2.82	R3181
7/16, 1/2 NPT	GFR vsw	131	4.24	R3183
1/2, 1/2 NPT	GFR vsw	131	5.62	R3185
17/32, 3/4 NPT	GFR vsw	131	8.20	R3187
3/4, 3/4 NPT	GL 112 QR pendent	132	11.20	R3216
3/4, 3/4 NPT	GL112 QR SU	132	11.20	R3226
1/2, 1/2 NPT	GP56 upright	056	5.6	RA5695
0.70, 3/4NPT	H ESFR pendent	150	14.2	R5012
0.87, 1NPT	H-22 Magnum ESFR pendent	166	22.4	R6611
0.70, 3/4NPT	HL-14 ESFR	005	14.2	RA0512
0.87, 1NPT	HL-22 Magnum ESFR pendent	010	22.4	RA1011
0.87, 1 NPT	HL-22 MAGNUM SA	177	22.4	R7711
.63, 3/4NPT	J112 EC/ECOH pendent	172	11.2	RA7216
.63, 3/4NPT	J112 EC/ECOH pendent	172	11.2	RA7216

.63, 3/4NPT	J112 EC/ECOH upright	173	11.2	RA7326
.63, 3/4NPT	J112 EC/ECOH upright	173	11.2	RA7326
.63, 3/4 NPT	J112SS EC/ECOH pendent	178	11.2	R7816
.63, 3/4 NPT	J112SS EC/ECOH pendent	178	11.2	R7816
.63, 3/4 NPT	J112SS EC/ECOH upright	178	11.2	R7826
.63, 3/4 NPT	J112SS EC/ECOH upright	178	11.2	R7826
0.77, 3/4NPT	J168 upright	011	16.80	RA1124
0.77, 3/4NPT	J168 upright	119	16.80	R1924
.63, 3/4NPT	JL112 EC/ECOH pendent	172	11.2	R7216
.63, 3/4NPT	JL112 EC/ECOH pendent	172	11.2	R7216
.63, 3/4NPT	JL112 EC/ECOH upright	173	11.2	R7326
.63, 3/4NPT	JL112 EC/ECOH upright	173	11.2	R7326
3/4NPT	JL-14 ESFR pendent	018	K14.0	RA1812
3/4NPT	JL-17 ESFR pendent	019	K16.8	RA1914
1/2, 1/2 NPT	K RES30 Pendent	935	3.00	R3591
1/2, 1/2 NPT	K RES44 HSW	935	4.40	RA3591
1/2, 1/2 NPT	K RES49 Pendent	935	4.90	R3596
1/2, 1/2 NPT	K RES58 HSW	935	5.80	RA3503
1/2, 1/2 NPT	K RES58 Pendent	935	5.80	R3503
3/4, 3/4 NPT	KFR 80 pendent	054	8.0	RA5412
3/4, 3/4 NPT	KFR 80 upright	054	8.0	RA5422
1/2, 1/2 NPT	KFR RES58 HSWX	035	5.80	RA3593
1/2, 1/2 NPT	KFR-300 HSW	039	5.6	RA3934
1/2, 1/2 NPT	KFR-300 SSP	039	5.6	RA3914
1/2, 1/2 NPT	KFR-300 SSU	039	5.6	RA3924
1/2, 1/2 NPT	KFR56 HSW	036	5.6	RA3634
1/2, 1/2 NPT	KFR56 SSP	036	5.6	RA3614
1/2, 1/2 NPT	KFR56 SSU	036	5.6	RA3624
1/2, 1/2 NPT	KFR-CCS	044	5.6	RA4454
1/2, 1/2 NPT	LT56	58	5.6	RA5814
1/2, 1/2 NPT	LT56-300	58	5.6	RA5914
1/2, 1/2 NPT	LT56C	58	5.6	RA5994
1/2, 1/2 NPT	LT56L	58	5.6	RA5814
1/2, 1/2 NPT	LT56L-300	58	5.6	RA5914
0.70, 3/4NPT	MB14-EC	169	14.2	R6932
1, NPT	N25 ESFR Pendent	909	25.2	RA 0912
1, 1NPT	N252 EC CMSA	088	25.2	RA8842
0.94, 1NPT	N252 EC pendent	008	25.2	RA0842
1, 1NPT	N252 SA pendent	908A	25.2	RA0842
1NPT	NE 196 SA upright	018	19.6	RA1828
1" NPT	P22	069	22.4	R601
1" NPT	P25	070	25.2	R602
21/64, 1/2 NPT	RFC30	006	3.00	RA0611
21/64, 1/2 NPT	RFC30 LL	032	3.00	RA3211
1/2, 1/2NPT	RFC43	006	4.30	RA0612
1/2, 1/2NPT	RFC43LL	032	4.30	RA3212
1/2, 1/2NPT	RFC49	006	4.90	RA0616
1/2, 1/2NPT	RFC49LL	032	4.90	RA3216
1/2, 1/2NPT	RFC56	009	5.60	RA0914

1/2, 1/2 NPT	RFC58	006	5.80	RA0613
1/2, 3/4 NPT	RFC76	006	7.60	RA0618
3/8, 1/2 NPT	RFS 42	048	4.20	R4835
3/8, 1/2 NPT	RFS40	048	4.00	RA4838
17/32, 3/4NPT	SWC-300 QREC-9 CCP hsw	163 (159)	8.00	R5962
1/2, 1/2 NPT	SW56 QR CCP hsw	026	5.60	RA2634
1/2, 1/2 NPT	SW56 QR CCP hsw	168	5.60	R6834
1, NPT	TNL280	099	28.0	R9913
1/2, 1/2 NPT	WP56	181	5.6	R501
1/2, 1/2 NPT	WP56C	181	5.6	R504
1/2, 1/2 NPT	WP56L	181	5.6	R502
1/2, 1/2 NPT	WP56SS	181	5.6	R503
1/2, 1/2 NPT	XL QR pendent	145	5.60	R4514
1/2, 1/2 NPT	XL QR hsw	145	5.60	R4534
1/2, 1/2NPT	XL QR EC inst hsw	113	5.60	R1364
1/2, 1/2NPT	XL QR EC inst pendent	113	5.60	R1344
1/2, 1/2NPT	XL QR inst hsw	113	5.60	R1334
1/2, 1/2NPT	XL QR inst pendent	113	5.60	R1314
1/2, 1/2NPT	ZX QR EC inst hsw	152	5.40	R5261
1/2, 1/2NPT	ZX QR inst hsw	137	5.40	R3731
7/16, 1/2NPT	ZX QR inst pendent	137	4.10	R3714
1/2, 1/2NPT	ZX QR inst pendent	137	5.40	R3711
1/2, 1/2NPT	ZX RES hsw	133	5.40	R3331
7/16, 1/2NPT	ZX RES pendent	133	4.10	R3314
1/2, 1/2NPT	ZX RES pendent	133	5.40	R3311
7/16, 1/2NPT	ZX RES/2 pendent	133	4.10	R3319
1/2, 1/2NPT	ZX SR inst hsw	138	5.40	R3831
7/16, 1/2NPT	ZX SR inst pendent	138	4.10	R3814
1/2, 1/2NPT	ZX SR inst pendent	138	5.40	R3811
1/2, 1/2 NPT	ZX-1 hsw	134	5.40	R3431
7/16, 1/2 NPT	ZX-1 pendent	134	4.10	R3414
1/2, 1/2 NPT	ZX-1 pendent	134	5.40	R3411

