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5001 A 	6 16 32 54 80 8 18 35 63 89 10 20 36 64 108 12 22 40 67 133 14 25 42 70 159 15 28 52 76	5002 A 	6 16 32 54 80 8 18 35 63 89 10 20 36 64 108 12 22 40 67 133 14 25 42 70 159 15 28 52 76	5002 G 	12-3/8 16-3/4 12-1/2 18-3/4 14-1/2 22-3/4 15-1/2 15-3/4 16-1/2	5002 L 	15 18
5040 	8 18 35 63 89 10 20 36 64 108 12 22 40 67 133 14 25 42 70 159 15 28 52 76 16 32 54 80	5041 	6 16 32 54 80 8 18 35 63 89 10 20 36 64 104 12 22 40 67 108 14 25 42 70 133 15 28 52 76 159	5060 	10 22 76 12 28 108 14 35 15 42 16 54 18 67	5085 	12 14 15 16 18 22
5086 	12 14 15 16 18 22	5087 	15 18 22	5090 	6 16 32 54 15-12 8 18 35 63 18-15 10 20 36 67 22-15 12 22 40 76 22-18 14 25 42 104 28-22 15 28 52 108	5092 	6 16 32 54 8 18 35 63 10 20 36 67 12 22 40 70 14 25 42 85 15 28 52
5130 	6 16 32 54 80 159 8 18 35 63 85 10 20 36 64 89 12 22 40 67 104 14 25 42 70 108 15 28 52 76 133	5130 R 	6-8-6 10-8-8 12-8-10 12-15-12 14-12-12 14-18-12 15-10-12 15-15-12 6-10-6 10-8-10 12-8-12 12-16-12 14-12-14 14-18-14 15-10-15 15-18-12 8-6-6 10-10-8 12-10-10 12-18-12 14-14-10 14-20-14 15-12-10 15-18-15 8-6-8 10-12-10 12-10-12 14-10-12 14-14-12 14-22-14 15-12-12 15-22-15 8-10-8 10-15-10 12-12-10 14-10-14 14-16-12 15-8-15 15-12-15 16-10-16 10-6-10 12-6-12 12-14-12 14-12-10 14-16-14 15-10-10 15-15-10 16-12-12				
16-12-14 16-16-12 18-10-18 18-14-12 18-15-18 18-18-15 20-12-20 20-18-16 20-22-20 22-12-22 22-15-15 22-16-22 22-20-22 22-22-20 16-12-16 16-16-14 18-12-12 18-14-14 18-16-14 18-18-16 20-14-18 20-18-18 22-10-22 22-14-14 22-15-18 22-18-14 22-22-12 22-28-22 16-14-12 16-18-14 18-12-14 18-14-16 18-16-16 18-20-18 20-14-20 20-18-20 22-12-12 22-14-16 22-15-22 22-18-15 22-22-14 28-12-28 16-14-14 16-18-16 18-12-15 18-14-18 18-16-18 18-22-15 20-16-16 20-20-14 22-12-14 22-14-18 22-16-14 22-18-16 22-22-15 28-14-28 16-14-16 16-20-16 18-12-16 18-15-12 18-18-12 18-22-18 20-16-18 20-20-16 22-12-15 22-14-22 22-16-16 22-18-18 22-22-16 28-15-15 16-16-10 16-22-16 18-12-18 18-15-15 18-18-14 18-28-18 20-16-20 20-20-18 22-12-18 22-15-12 22-16-18 22-18-22 22-22-18 28-15-22							
28-15-28 28-18-22 28-22-22 28-28-22 35-15-28 35-28-15 36-16-36 40-36-40 42-32-42 52-28-52 54-42-42 64-64-35 67-35-67 67-67-42 28-16-16 28-18-28 28-22-28 28-35-28 35-15-35 35-28-22 36-18-36 42-15-42 42-35-35 52-32-52 54-42-54 64-64-42 67-42-42 67-67-54 28-16-22 28-20-28 28-28-14 32-16-32 35-18-35 35-28-28 36-22-36 42-18-42 42-35-42 54-15-54 54-54-42 64-64-54 67-42-67 70-42-70 28-16-28 28-22-15 28-28-15 32-18-32 35-22-32 35-28-35 36-28-36 42-22-42 42-42-28 54-22-54 64-35-64 67-22-67 67-54-54 70-52-70 28-18-15 28-22-16 28-28-16 32-22-32 35-22-28 35-35-22 36-32-36 42-28-35 42-42-35 54-28-54 64-42-64 67-28-67 67-54-67 70-54-70 28-18-18 28-22-18 28-28-18 32-28-32 35-22-35 35-35-28 40-32-40 42-28-42 52-22-52 54-35-54 64-54-64 67-35-35 67-67-35 76-15-76							
76-22-76 76-54-76 76-76-54 89-54-89 108-28-108 108-67-67 108-108-54 133-22-133 133-76-76 159-15-159 159-67-159 159-159-108 76-28-76 76-64-76 76-76-64 89-64-89 108-35-108 108-67-108 108-108-64 133-28-133 133-76-133 159-22-159 159-76-159 159-159-133 76-35-76 76-67-67 76-76-67 89-76-89 108-42-108 108-76-76 108-108-67 133-35-133 133-108-108 159-28-159 159-108-108 76-42-42 76-67-76 80-35-80 89-89-54 108-54-54 108-76-108 108-108-76 133-42-133 133-108-133 159-35-159 159-108-159 76-42-76 76-76-35 80-42-80 89-89-64 108-54-108 108-80-108 108-108-89 133-54-133 133-133-76 159-42-159 159-133-133 76-54-54 76-76-42 80-54-80 108-15-108 108-64-108 108-89-108 133-15-133 133-67-133 133-133-108 159-54-159 159-133-159							

5240 	8-6 14-12 16-12 18-15 22-12 25-18 28-16 32-20 35-28 40-32 42-36 54-35 64-42 70-52 76-54 85-52 108-64 133-108 10-6 15-8 16-14 18-16 22-14 25-20 28-18 32-22 36-22 40-36 52-32 54-42 64-54 70-54 76-63 85-54 108-67 159-76 10-8 15-10 16-15 20-12 22-15 25-22 28-20 32-28 36-28 42-22 52-36 63-42 67-28 70-63 76-64 85-63 108-76 159-108 12-8 15-12 18-10 20-14 22-16 28-12 28-22 35-15 36-32 42-28 52-40 63-52 67-35 70-64 76-67 85-70 108-89 159-133 12-10 15-14 18-12 20-16 22-18 28-14 28-25 35-18 36-35 42-32 52-42 63-54 67-42 76-35 80-64 89-76 133-67 14-10 16-10 18-14 20-18 22-20 28-15 32-18 35-22 40-28 42-35 54-28 64-35 67-54 76-42 80-70 108-54 133-76	5240 G 	12-1/2 15-1/2 15-3/4 16-1/2 22-3/4	5241 	22-3/4 28-1	5243 	8-6 14-10 16-10 18-15 22-10 22-20 28-10 28-20 32-28 36-28 10-6 14-12 16-12 18-16 22-12 25-14 28-12 28-22 35-15 36-32 10-8 15-8 16-14 20-12 22-14 25-16 28-14 28-25 35-18 40-28 12-6 15-10 18-10 20-14 22-15 25-18 28-15 32-18 35-22 40-32 12-8 15-12 18-12 20-16 22-16 25-20 28-16 32-20 35-28 40-36 12-10 15-14 18-14 20-18 22-18 25-22 28-18 32-22 36-22 42-15	5243 G 	10-1/4 14-1/2 18-3/4 35-1 10-3/8 15-3/8 22-1/2 35-1 1/4 10-1/2 15-1/2 22-3/4 42-1 1/2 12-1/4 15-3/4 22-1 54-2 12-3/8 16-1/2 28-3/4 12-1/2 18-1/2 28-1 14-1/2 18-3/4 35-1	5243 L 	15-8 15-10
42-18 52-32 54-28 63-54 67-42 70-64 80-54 104-80 133-67 42-22 52-36 54-35 64-35 67-54 76-35 80-64 108-54 133-76 42-28 52-40 54-36 64-42 70-42 76-42 80-70 108-64 133-108 42-32 52-42 54-42 64-54 70-52 76-54 89-54 108-67 159-76 42-35 54-15 63-42 67-28 70-54 76-64 89-64 108-76 159-108 42-36 54-22 63-52 67-35 70-63 76-67 89-76 108-89 159-133	5270 	6 16 32 54 80 8 18 35 63 89 10 20 36 64 104 12 22 40 67 108 14 25 42 70 133 15 28 52 76 159	5270 G 	10-1/4 15-3/8 22-1/2 35-1 1/4 10-3/8 15-1/2 22-3/4 42-1 1/2 12-1/8 15-3/4 28-1 54-2 12-3/8 16-1/2 22-3/4 12-1/2 18-1/2 28-1 14-1/2 18-3/4 35-1	5270 S 	12 35 14 42 15 54 18 22 28					
5301 	6 16 54 8 18 67 10 22 76 12 28 108 14 35 133 15 42 159	5343 G 	12-3/8 35-1 1/4 12-1/2 42-1 1/2 15-1/2 18-1/2 22-3/4 28-1	5359g 	10-3/8 16-3/4 12-3/8 18-3/4 12-1/2 20-3/4 14-1/2 22-3/4 14-3/4 22-1 16-1/2	5870 	12 28 14 35 15 42 16 54 18 22				

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4060 	15 22	4090 	15 18 22 70 80	4090 D 	15 22 28	4090 E 	15	4090 G 	10-1/4 14-1/2 16-1/2 22-1 54-2 10-3/8 14-3/4 16-3/4 28-3/4 10-1/2 15-3/8 18-1/2 28-1 12-3/8 15-1/2 18-3/4 35-1 12-1/2 15-3/4 22-1/2 35-1 1/4 14-3/8 16-3/8 22-3/4 42-1 1/2
4092 	12 15	4092 G 	10-1/4 15-3/8 18-3/4 35-1 1/4 10-3/8 15-1/2 22-1/2 42-1 1/2 12-3/8 15-3/4 22-3/4 54-2 12-1/2 16-1/2 22-1 14-3/8 16-3/4 28-3/4 14-1/2 18-1/2 28-1	4096 	10 22 12 28 14 35 15 16 18	4096 C 	22-1 28-1 1/4		
4096 D 	15-1/2	4096 E 	8-3/8 16-3/4 40-1/2 10-1/2 18-3/4 42-2 12-3/4 18-1 64-1/2 14-3/4 22-1 15-3/4 24-3/4 15-1 30-3/4	4096 G 	10-1/4 15-3/8 22-1 10-3/8 15-1/2 28-1 12-3/8 16-1/2 35-1 1/4 12-1/2 18-1/2 14-3/8 18-3/4 54-2 14-1/2 22-3/4	4096 R 	42 42-1 1/2 54 54-2		
E 4096 G 	1/4-1/2 1 1-1/4 3/8-1/2 1 1/4-1 1/2 3/8-3/4 1 1/2-2 1/2-3/4 2-2 1/2 3/4-1 1-1	4098 G 	10-1/4 15-3/8 22-1 10-3/8 15-1/2 28-1 12-3/8 16-1/2 35-1 1/4 12-1/2 18-1/2 42-1 1/2 14-3/8 18-3/4 54-2 14-1/2 22-3/4	4130 G 	10-3/8-10 15-3/8-15 18-3/8-18 10-1/2-10 15-1/2-15 18-1/2-18 12-3/8-12 15-3/4-15 18-3/4-18 12-1/2-12 16-3/8-16 22-3/8-22 14-3/8-14 16-1/2-16 22-1/2-22 14-1/2-14 16-3/4-16 22-3/4-22				
28-1/2-28 35-1 1/4-35 54-2-54 28-3/4-28 42-1/2-42 28-1-28 42-3/4-42 35-1/2-35 42-1 1/2-42 35-3/4-35 54-1/2-54 35-1-35 54-1 1/2-54	4130 H 	22-22-3/8	4131 	12 42 15 18 22 28 35	4134 G 	15-15-1/2 22-22-1/2 42 22-22-3/4 28-28-1/2 28-28-3/4 28-28-1	4180 	15 18 22	
4221 	12 15 16 18 22 28	4243 G 	8-1/4 12-3/8 15-3/8 18-1/2 28-3/4 42-1 1/4 67-2 1/2 108-4 8-3/8 12-1/2 15-1/2 18-3/4 28-1 42-1 1/2 70-2 1/2 10-1/4 14-3/8 15-3/4 22-1/2 28-1 1/4 42-2 76-2 1/2 10-3/8 14-1/2 16-3/8 22-3/4 35-1 54-1 1/2 76-3 10-1/2 14-3/4 16-1/2 22-1 35-1 1/4 54-2 80-3 12-1/4 15-1/4 16-3/4 28-1/2 35-1 1/2 64-2 1/2 89-3	4246 G 	12-3/8 22-1/2 42-1 1/2 12-1/2 22-3/4 54-2 15-3/8 28-3/4 15-1/2 28-1 18-1/2 35-1 18-3/4 35-1 1/4				
4270 G 	8-1/4 14-3/8 16-3/8 22-3/4 35-3/4 54-1 1/2 10-1/4 14-1/2 16-1/2 22-1 35-1 54-2 10-3/8 14-3/4 16-3/4 28-1/2 35-1 1/4 64-2 1/2 10-1/2 15-3/8 18-1/2 28-3/4 42-1 67-2 1/2 12-3/8 15-1/2 18-3/4 28-1 42-1 1/4 70-2 1/2 12-1/2 15-3/4 22-1/2 28-1 1/4 42-1 1/2 80-3	F 4270 G 	12-1/2 15-1/2	4270 D 	15 22 28	4280 G 	12-3/8 22-3/4 12-1/2 28-1 15-1/2 35-1 1/4 16-1/2 42-1 1/2 18-1/2 54-2 22-1/2		
4290 	12 15 18 22 28	4290 D 	15	4301 D 	15 22 28	4330 	8 18 10 22 12 28 14 35 15 16	4330 R 	42 70-2 1/2 54 70 80 42-1 1/2 54-2
4330 G 	42 14-1/2 22-3/4 54 15-1/2 28-1 70 16-1/2 35-1 1/4 80 18-1/2 10-1/4 12-3/8 18-3/4	4331 G 	10-1/4 18-1/2 12-3/8 22-3/4 14-1/2 28-1 15-1/2 35-1 1/4 16-1/2 16-3/4	4331 R 	42-1 1/2 89-3 54-1 64-2 1/2 70-2 1/2 80-3	4340 	8 18 67 10 22 70 12 28 80 14 35 15 42 16 54		
4340 G 	10-1/4 14-3/4 18-1/2 35-1 1/4 10-3/8 15-3/8 18-3/4 42 12-3/8 15-1/2 22-3/4 12-1/2 15-3/4 22-1 14-3/8 16-1/2 28-3/4 14-1/2 16-3/4 28-1	4340 R 	42-1 1/2 80 54 54-2 67 70 70-2 1/2						

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4341 G 	8-1/8 10-1/4 10-3/8 12-3/8 12-1/2 14-1/2	14-3/4 15-3/8 15-1/2 15-3/4 16-1/2 16-3/4	18-1/2 18-3/4 22-1/2 22-3/4 22-1 28-1	35-1 1/4	4341 R 	42-1 1/2 54-2 64-2 1/2 70-2 1/2 76-2 1/2 80-3	89-3 108-4	4350 	15-1/2 22-3/4	4359 G 	10-1/2 14-3/4 16-3/4 18-3/4 22-1 28-1 1/4
4370 	8-3/8 10-1/2 14-3/4 15-3/4 16-3/4 18-3/4	22-1 30-3/4 40-1/2 42-2 64-1/2 64-3	70-3 80-3 1/2	4370 G 	1/4-1/2 1/2-3/4 3/4-1 1-1 1/4 1 1/4-1 1/2 1 1/2-2	2-2 1/2 2 1/2-3 3/4-1 1-1 1/4	4371 G 	1/4-1/2 1/2-3/4 3/4-1 1-1 1/4 1 1/4-1 1/2 1 1/2-2	2-2 1/2 2 1/2-3 3-3 1/2	4372 G 	10-1/2 14-3/4 15-3/4 16-3/4 18-3/4 18-1
22-1 30-3/4 40-1/2 42-2 64-1/2 70-3	4374 	3/8 1/2 3/4 1 1 1/4 1 1/2	4374R 	3/4 1 1 1/4 1 1/2 2 2 1/4	2 1/2 2 3/4 3 3 1/2	4380 	10-1/2 12-3/4 14-3/4 15-3/4 15-1 16-3/4	18-3/4 18-1 22-1 22-1 1/4 28-1 1/4 35-1 1/2	42-2 54-2 1/2 64-3 70-3 76-3 80-3 1/2	4380 G 	1/4-1/2 3/8-1/2 3/8-3/4 1/2-3/4 3/4-3/4 3/4-1
1-1 1-1 1/4 1 1/4-1 1/2 1 1/2-2 2-2 1/2 2 1/2-3	4381 	10-1/2 14-3/4 15-3/4 16-3/4 18-3/4 18-1	22-1 28-1 1/4 35-1 1/2 42-2 54-2 1/2 70-3	80-3 1/2	4382 G 	1/4-1/2 1/2-3/4 3/4-1 1-1 1/4 1 1/4-1 1/2 1 1/2-2	2-2 1/2 2 1/2-3 3-3 1/2	4471 G 	10-3/8 10-1/2 12-3/8 12-1/2 14-3/8 14-1/2	15-3/8 15-1/2 16-1/2 18-1/2 18-3/4 22-1/2	22-3/4 28-3/4 28-1 28-1 18-3/4 22-1/2
F 4471 G 	15-1/2	4472 G 	12-3/8 12-1/2 14-3/8 14-1/2 15-3/8 15-1/2	15-3/4 16-3/8 16-1/2 18-1/2 22-3/4	L 4472 G 	15-1/2	4490 G 	12-1/2 14-1/2 15-1/2 18-1/2 22-1/2 22-3/4	4599 	12 15 18 22 28	

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3090 	1/4 3/8 1/2 1/2-3/8 3/4 3/4-1/2	1 1-3/4 1 1/4 1 1/2 2 2 1/2	3 4	3092 	1/4 3/8 1/2 3/4 1 1 1/4	1 1/2 2 2	3098 	1/4 3/8 1/2 3/4 1 1 1/4	3098 R 	1 1/2 2	3121 	3/8 1/2 3/4 1 1 1/4 1 1/2
3130 	1/4 3/8 1/2-3/8-1/2 1/2 1/2-3/4-1/2 3/4-1/2-1/2	3/4-1/2-3/4 3/4-3/4-1/2 3/4 1-1/2-1 1-3/4-1 1-1-1/2	1 1 1/4 1 1/4 1 1/2 2-1-2 2	2 1/2 3 4	3180 	3/8 1/2 3/4	3240 	3/8-1/4 1/2-3/8 3/4-3/8 3/4-1/2 1-1/2 1-3/4	1 1/4-3/4 1 1/4-1 1 1/2-1 1 1/2-1 1/4 2-1 1/2	3241 	3/8-1/4 1/2-1/4 1/2-3/8 3/4-1/4 3/4-3/8 3/4-1/2	
1-3/8 1-1/2 1-3/4 1 1/4-1/2 1 1/4-3/4 1 1/4-1	1 1/2-1/2 1 1/2-3/4 1 1/2-1 1 1/2-1 1/4 2-1/2 2-3/4	2-1 2-1 1/4 2-1 1/2 2-1 1/2 2 1/2-1 1/4 2 1/2-1 1/2	2 1/2-2 3-1 3-1 1/4 3-1 1/2 3-2 3-2 1/2	4-2 4-2 1/2 4-3	3245 	1/2-3/8 3/4-1/2 1-3/4 1 1/4-1	3270 	1/4 3/8 1/2 3/4 1 1 1/4	1 1/2 2 2 1/2 3 4	3280 	1/4 3/8 1/2 3/4 1 1 1/4	1 1/2 2 2 1/2 3 4
3290 	1/4 3/8 1/2 3/4 1 1 1/4	1 1/2 2	3291 	1/4 3/8 1/2 3/4 1 1 1/4	1 1/2 2 1/2 3 4 1 1 1/4	3301 	1/2 3/4 1 1 1/4 1 1/2 2	3310 	1/4 3/8 1/2 3/4 1 1 1/4	1 1/2 2		
3330 	3/8 1/2 3/4 1	3330 R 	1 1/4 1 1/2 2	3331 	1/4 3/8 1/2 3/4 1	3331 R 	1 1/4 1 1/2 2 2 1/2					
3340 	1/4 3/8 1/2	3340 R 	3/4 1 1 1/4 1 1/2 2	3341 	1/4 3/8 1/2 3/4 1 1 1/4	3341 R 	1 1/2 2 2 1/2	3471 	1/2			
3526 	3/8-30 3/8-40 3/8-50 1/2-30 1/2-40 1/2-50	1/2-60 1/2-80 3/4-40 3/4-60 3/4-80 1-60	3530 	1/2-40 1/2-60 1/2-80 1/2-100 1/2-120 3/4-30	3/4-40 3/4-60 3/4-80 3/4-100 1-40 1-60	1-80 1-100 1-120 1 1/4-40 1 1/4-60 1 1/4-80	3531 	3/8 1/2 3/4 1 1 1/4				
3533 	1/2 3/4 1 1 1/4 1 1/2 2	2 1/2 3 4	3587 	1/4 3/8 1/2 3/4	3588 	1/4 3/8 1/2 3/4 1 1 1/4	3595 	1/2				
3599 	1/2	3599 C 	1/2 3/4 1									



Łączniki z miedzi i brązu do lutowania i połączeń gwintowych

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