

# TECHNICAL SPECIFICATIONS FOR LOCKING SCREW STEEL CARABINERS

Part#	Color	NFPA Rated	Gate Opening	Outside Length	Outside Width	Min. Breaking Strength	Weight
Biner6	Gold		.945" (24 mm)	4.38" (111.3 mm)	2.77" (70.4 mm)	11,465 lbf. (51 kN)	7.4 oz. (210 g)
Biner6-A	Bright		.945" (24 mm)	4.38" (111.3 mm)	2.77" (70.4 mm)	11,465 lbf. (51 kN)	7.4 oz. (210 g)
Biner6-B	Black		.945" (24 mm)	4.38" (111.3 mm)	2.77" (70.4 mm)	11,465 lbf. (51 kN)	7.4 oz. (210 g)
Biner6-C	Gold		.945" (24 mm)	4.38" (111.3 mm)	2.77" (70.4 mm)	11,465 lbf. (51 kN)	7.7 oz. (218 g)
Biner12	Gold	NFPA "G"	1.06" (27 mm)	4.9" (124.5 mm)	2.78" (70.6 mm)	16,185 lbf. (72 kN)	10 oz. (283 g)
Biner12-B	Black	NFPA "G"	1.06" (27 mm)	4.9" (124.5 mm)	2.78" (70.6 mm)	16,185 lbf. (72 kN)	10 oz. (283 g)
Biner13	Gold	NFPA "G"	1.42" (36 mm)	4.9" (124.5 mm)	2.78" (70.6 mm)	16,185 lbf. (72 kN)	10.2 oz. (289 g)
Biner23	Gold	NFPA "G"	1.5" (38 mm)	6" (152.4 mm)	3.65" (92.7 mm)	12,580 lbf. (56 kN)	12.8 oz. (363 g)
Biner23C	Gold	NFPA "G"	1.5" (38 mm)	6" (152.4 mm)	3.65" (92.7 mm)	12,580 lbf. (56 kN)	12.8 oz. (363 g)
Biner33	Gold		.866" (22 mm)	4.46" (113.3 mm)	2.7" (68.6 mm)	14,613 lbf. (65 kN)	9.5 oz. (269 g)
Biner34	Black		.866" (22 mm)	4.46" (113.3 mm)	2.7" (68.6 mm)	14,613 lbf. (65 kN)	9.5 oz. (269 g)
21001	Bright		1.2" (30.4 mm)	5.04" (128 mm)	2.97" (75 mm)	10,341 lbf. (46 kN)	10.6 oz. (301 g)
21002	Bright	NFPA "G"	1.2" (30.4 mm)	5.04" (128 mm)	2.97" (75 mm)	14,613 lbf. (65 kN)	10.6 oz. (301 g)
24001	Bright		1.2" (30.4 mm)	5.04" (128 mm)	2.97" (75 mm)	10,341 lbf. (46 kN)	10.9 oz. (309 g)
24007	Black		1.2" (30.4 mm)	5.04" (128 mm)	2.97" (75 mm)	10,341 lbf. (46 kN)	10.9 oz. (309 g)
NFPA 21001	Bright	NFPA "G"	1.2" (30.4 mm)	5.04" (128 mm)	2.97" (75 mm)	10,341 lbf. (46 kN)	10.6 oz. (301 g)
NFPA21007	Black	NFPA "G"	1.2" (30.4 mm)	5.04" (128 mm)	2.97" (75 mm)	10,341 lbf. (46 kN)	10.6 oz. (301 g)
NFPA20003	Bright	NFPA "G"	1.45" (36.8 mm)	5.7" (144.7 mm)	3.5" (89 mm)	12,139 lbf. (54 kN)	12.2 oz. (346 g)
100003	Bright		.94" (23.8 mm)	4.48" (113.7 mm)	2.70" (68.5 mm)	7,418 lbf. (33 kN)	6 oz. (170 g)
100007	Black		.94" (23.8 mm)	4.48" (113.7 mm)	2.70" (68.5 mm)	7,418 lbf. (33 kN)	6 oz. (170 g)
NFPA100001	Bright	NFPA "G"	.94" (23.8 mm)	4.52" (114.8 mm)	2.76" (70 mm)	10,116 lbf. (45 kN)	6.6 oz. (187 g)
NFPA100007	Black	NFPA "G"	.94" (23.8 mm)	4.52" (114.8 mm)	2.76" (70 mm)	10,116 lbf. (45 kN)	6.6 oz. (187 g)
M31SL	Bright	NFPA "G"	1.2" (30 mm)	4.9" (124 mm)	2.9" (73 mm)	10,116 lbf. (45 kN)	8.1 oz. (226 g)
M31SLN	Black	NFPA "G"	1.2" (30 mm)	4.9" (124 mm)	2.9" (73 mm)	10,116 lbf. (45 kN)	8.1 oz. (226 g)
M72SL	Gold	NFPA "L"	.82" (21 mm)	4.25" (110 mm)	2.37" (60.3 mm)	6,069 lbf. (27 kN)	6.9 oz. (195 g)
M72SLN	Black	NFPA "L"	.82" (21 mm)	4.25" (110 mm)	2.37" (60.3 mm)	6,069 lbf. (27 kN)	6.9 oz. (195 g)
M73SL	Gold	NFPA "G"	1.2" (31 mm)	5.25" (133 mm)	2.9" (73 mm)	8,992 lbf. (40 kN)	9.3 oz. (263 g)
M73SLN	Black	NFPA "G"	1.2" (31 mm)	5.25" (133 mm)	2.9" (73 mm)	8,992 lbf. (40 kN)	9.3 oz. (263 g)

