

## Spring Nuts Cont.

### "U" Steel Spring Nuts Cont.

Screw Size	Part No.	Tinnerman No. <sup>®</sup>	Panel Range	Length	Width	Material Thk.	Max. Torque	Tensile Stgth. (lbs)	UOM /100
10/24	0148058	C8114-1024-4	.025-.040	.58	.63	.022	14	274	—
10/24	0148059	C8115-1024-4	.045-.062	.56	.63	.022	14	274	—
10/24	0148060	C8117-1024-4	.045-.062	.76	.38	.022	14	274	—
10/24	0148061	C8118-1024-4	.025-.040	.95	.38	.022	14	274	—
10/24	0148062	C8119-1024-4	.045-.062	.95	.38	.022	14	274	—
10	0148063	C8120-10-4	.025-.040	.56	.63	.031	35	672	—
10	0148064	C8121-10-4	.045-.062	.56	.63	.031	35	672	—
10	0148065	C8123-10-4	.045-.062	.76	.50	.031	35	672	—
10	37916	C8124-10-4	.025-.040	.96	.50	.031	35	672	—
10	0148067	C8125-10-4	.045-.062	.95	.50	.031	35	672	—
1/4-20	37927	Jobco #1032	.064-125	.97	.50	.025	NA	NA	—
3/8-16	37939	Jobco #4306	.050-200	1.27-1.31	.92-.96	NA	NA	NA	—

<sup>®</sup>Tinnerman is a registered trademark of the Eaton Corporation. Listed spring nuts are not manufactured by or connected with the producers of Tinnerman<sup>®</sup> nuts.

### Flat Type Spring Nuts



Screw Size	Part No.	Length	Width	Material Thk.	Max. Torque	Tensile Stgth. (lbs)	UOM /100
4	0147951	.38	.25	.022	9	300	^
6/32	0147953	.44	.28	.017	6	156	—
6	0147952	.50	.31	.025	12	425	—
8/32	0147955	.50	.31	.017	8	189	—
8	37909	.63	.41	.028	20	534	—
10/24	0147950	.63	.38	.022	14	274	—
10/24	37915	1.0	.50	.022	NA	NA	—
10/32	0147948	.75	.44	.017	NA	NA	—
10	0147949	.75	.50	.031	35	672	—
1/4-20	37926	.75	.50	.025	NA	NA	—
3/8-16	37938	1.00	.690	.014	NA	NA	—

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## Flat Washers - USS & SAE

### USS Flat Washers

#### Low Carbon, Plain, Zinc Plated and Galvanized

USS and SAE washers are designed for cap screws and other threaded products. SAE washers offer a tighter screw fit, have a smaller outside diameter, and are thinner than similar size USS washers. SAE washer are also available in a number of smaller screw sizes.

Size	Nom. O.D.	Nom. I.D.	Plain		Zinc		Galv		Yellow Zinc		Pkg. Qty.
			Part No.	UOM /100	Part No.	UOM /100	Part No.	UOM /100	Part No.	UOM /100	
3/16"	9/16"	1/4"	33001	^	33002	^			96002	^	100
1/4"	3/4"	5/16"	33003	—	33004	—	33180	—	96004	—	100
5/16"	7/8"	3/8"	33005	—	33006	—	33181	—	96005	—	100
3/8"	1"	7/16"	33007	—	33008	—	33182	—	96006	—	50
7/16"	1-1/4"	1/2"	33009	—	33010	—	33183	—	96018	—	25
1/2"	1-3/8"	9/16"	33011	—	33012	—	33184	—	96007	—	25
9/16"	1-1/2"	5/8"	33013	—	33014	—			96019	—	25
5/8"	1-3/4"	11/16"	33015	—	33016	—	33185	—	96008	—	10
3/4"	2"	13/16"	33017	—	33018	—	33186	—	96009	—	10
7/8"	2-1/4"	15/16"	33019	—	33020	—	33187	—	96010	—	10
1"	2-1/2"	1-1/16"	33021	—	33022	—	33188	—	96011	—	1
1-1/8"	2-3/4"	1-1/4"	33023	—	33024	—			96012	—	1
1-1/4"	3"	1-3/8"	33025	—	33026	—	33189	—	96013	—	1
1-3/8"	3-1/4"	1-1/2"	33027	—	33028	—			96014	—	1
1-1/2"	3-1/2"	1-5/8"	33029	—	33030	—	33190	—	96015	—	1
1-5/8"	3-3/4"	1-3/4"	33031	—	33032	—			96020	—	1
1-3/4"	4"	1-7/8"	33033	—	33034	—			96016	—	1
1-7/8"	4-1/4"	2"	33035	—	33036	—			96021	—	1
2"	4-1/2"	2-1/8"	33037	—	33038	—			96017	—	1
2-1/4"	4-3/4"	2-3/8"	33039	—	33040	—			96022	—	1
2-1/2"	5"	2-5/8"	33041	—	33042	—			96023	—	1
2-3/4"	5-1/4"	2-7/8"	33043	—	33044	—			96024	—	1
3"	5-1/2"	3-1/8"	33045	—	33046	—			96025	—	1

## USS Flat Washers USA

### Low Carbon Steel Plain, and Zinc Plated



Size	Nom. O.D.	Nom. I.D.	Plain		Zinc		Pkg. Qty.
			Part No.	UOM /100	Part No.	UOM /100	
3/16"	9/16"	1/4"	0159653	^	0159676	^	100
1/4"	3/4"	5/16"	0159654	—	0159677	—	100
5/16"	7/8"	3/8"	0159655	—	0159678	—	100
3/8"	1"	7/16"	0159656	—	0159679	—	50
7/16"	1-1/4"	1/2"	0159657	—	0159680	—	25
1/2"	1-3/8"	9/16"	0159658	—	0159681	—	25
9/16"	1-1/2"	5/8"	0159659	—	0159682	—	25
5/8"	1-3/4"	11/16"	0159660	—	0159683	—	10
3/4"	2"	13/16"	0159661	—	0159684	—	10
7/8"	2-1/4"	15/16"	0159662	—	0159685	—	10
1"	2-1/2"	1-1/16"	0159663	—	0159686	—	1
1-1/8"	2-3/4"	1-1/4"	0159664	—	0159687	—	1
1-1/4"	3"	1-3/8"	0159665	—	0159688	—	1
1-3/8"	3-1/4"	1-1/2"	0159666	—	0159689	—	1
1-1/2"	3-1/2"	1-5/8"	0159667	—	0159690	—	1
1-5/8"	3-3/4"	1-3/4"	0159668	—	0159691	—	1
1-3/4"	4"	1-7/8"	0159669	—	0159692	—	1
1-7/8"	4-1/4"	2"	0159670	—	0159693	—	1
2"	4-1/2"	2-1/8"	0159671	—	0159694	—	1
2-1/4"	4-3/4"	2-3/8"	0159672	—	0159695	—	1
2-1/2"	5"	2-5/8"	0159673	—	0159696	—	1
2-3/4"	5-1/4"	2-7/8"	0159674	—	0159697	—	1
3"	5-1/2"	3-1/8"	0159675	—	0159698	—	1

## SAE Flat Washers

### Low Carbon Steel Plain, Zinc, and Yellow Zinc Plated



Size	Nom. O.D.	Nom. I.D.	Plain		Zinc		Yellow Zinc		Pkg. Qty.
			Part No.	UOM /100	Part No.	UOM /100	Part No.	UOM /100	
# 4	5/16"	1/8"	33065	^	33066	^			100
# 6	3/8"	5/32"	33069	—	33070	—	96050	—	100
# 8	7/16"	3/16"	33071	—	33072	—	96051	—	100
#10	1/2"	7/32"	33073	—	33074	—	96052	—	100
#12	9/16"	1/4"	33075	—	33076	—	96053	—	100
1/4"	5/8"	9/32"	33077	—	33078	—	96054	—	100
5/16"	11/16"	11/32"	33079	—	33080	—	96055	—	100
3/8"	13/16"	13/32"	33081	—	33082	—	96056	—	50
7/16"	59/64"	15/32"	33083	—	33084	—	96048	—	25
1/2"	1-1/16"	17/32"	33085	—	33086	—	96057	—	25
9/16"	1-3/16"	19/32"	33087	—	33088	—	96049	—	25
5/8"	1-5/16"	21/32"	33089	—	33090	—	96058	—	10
3/4"	1-1/2"	13/16"	33091	—	33092	—	96059	—	10
7/8"	1-3/4"	15/16"	33093	—	33094	—	96060	—	10
1"	2"	1-1/16"	33095	—	33096	—	96061	—	1
1-1/8"	2-1/4"	1-3/16"	33097	—	33098	—	96062	—	1
1-1/4"	2-1/2"	1-5/16"	33099	—	33100	—	96063	—	1
1-3/8"	2-3/4"	1-7/16"	33101	—	33102	—	96064	—	1
1-1/2"	3"	1-9/16"	33103	—	33104	—	96065	—	1

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