

ISO 9001:2008 Registered

ELITE FASTENERS, INC.

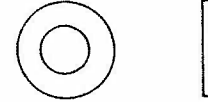
150 Airport Drive., Unit 11 • Westminster, MD 21157

Phone: 410-876-9991 Fax: 410-876-7382

www.elitefastenersinc.com

FLAT WASHERS

AN MS FLAT WASHERS



MS 15795

MS 27183

SCREW SIZE	NOMINAL DIMENSIONS			STANDARD NUMBER	DASH NUMBERS					
					STEEL FINISH	COR. RES. STEEL	BRASS FINISH	ALUMINUM FINISH	MONEL	COPPER
	CADMIUM II	BLACK OXIDE	PLATED							
0	.078	.187	.020	MS 15795		801	901	701	401	501
0	.078	.187	.020	MS 27183	1					
2	.093	.250	.020	MS 15795		802	902	702	402	502
2	.093	.250	.020	MS 27183	2					
4	.125	.250	.022	MS 15795		803	903	703	403	503
4	.125	.250	.022	MS 27183	3					
4	.125	.250	.032	MS 15795		804	904	704	404	504
4	.125	.250	.032	MS 27183	4					
6	.156	.312	.035	MS 15795		805	905	705	405	505
6	.156	.312	.035	MS 27183	5					
6	.156	.375	.049	MS 15795		806	906	706	406	506
6	.156	.375	.049	MS 27183	6					
8	.187	.375	.049	MS 15795		807	907	707	407	507
8	.187	.375	.049	MS 27183	7					
8	.187	.438	.049	MS 15795		811	911	711	411	511
10	.218	.437	.049	MS 27183	8					
10	.218	.437	.049	MS 15795		808	908	708	408	508
10	.218	.500	.049	MS 15795		812	912	712	412	512
10	.250	.562	.065	MS 27183	9					
10	.250	.562	.065	MS 15795		809	909	709	409	509
1/4	.281	.625	.065	MS 27183	10					
1/4	.281	.625	.065	MS 15795		810	910	710	410	510
1/4	.312	.750	.065	MS 27183	11					
1/4	.312	.750	.065	MS 15795		811	911	711	411	511
5/16	.343	.687	.065	MS 27183	12					
5/16	.343	.687	.065	MS 15795		812	912	712	412	512
5/16	.375	.875	.083	MS 27183	13					
5/16	.375	.875	.083	MS 15795		813	913	713	413	513
3/8	.406	.812	.065	MS 27183	14					
3/8	.406	.812	.065	MS 15795		814	914	714	414	514
3/8	.437	1.000	.083	MS 27183	15					
3/8	.437	1.000	.083	MS 15795		815	915	715	415	515

NOTE: THICKNESS SHOWN ON ALL FLATWASHERS IS NOMINAL



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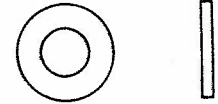
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					STEEL FINISH	COR. RES. STEEL	BRASS	ALUMINUM	MONEL	COPPER	
	FINISH	FINISH									
	CADMIUM II	BLACK OXIDE	PLATED								
I.D.	O.D.	THK.									
7/16	.468	.921	.065	MS 27183	16						
7/16	.468	.921	.065	MS 15795		816	916	716	416	516	
7/16	.500	1.250	.083	MS 27183	17						
7/16	.500	1.250	.083	MS 15795		817	917	717	417	517	
1/2	.531	1.062	.095	MS 27183	18						
1/2	.531	1.062	.095	MS 15795		818	918	718	418	518	
1/2	.562	1.375	.109	MS 27183	19						
1/2	.562	1.375	.109	MS 15795		819	919	719	419	519	
9/16	.594	1.456	.095	MS 27183	20						
5/8	.656	1.312	.095	MS 27183	21						
5/8	.656	1.312	.095	MS 15795		820	920	720	420	520	
5/8	.688	1.750	.134	MS 27183	22						
5/8	.688	1.750	.134	MS 15795		821	921	721	421	521	
3/4	.812	1.469	.134	MS 27183	23						
3/4	.812	1.469	.134	MS 15795		822	922	722	422	522	
3/4	.812	2.000	.148	MS 27183	24						
3/4	.812	2.000	.148	MS 15795		823	923	723	423	523	
7/8	.938	1.750	.134	MS 27183	25						
7/8	.938	1.750	.134	MS 15795		824	924	724	424	524	
7/8	.938	2.250	.165	MS 27183	26						
7/8	.938	2.250	.165	MS 15795		825	925	725	425	525	
1	1.062	2.000	.134	MS 27183	27						
1	1.062	2.000	.134	MS 15795		826	926	726	426	526	
1	1.062	2.500	.165	MS 27183	28						
1	1.062	2.500	.165	MS 15795		827	927	727	427	527	
1-1/8	1.250	2.750	.165	MS 27183	29						
1-1/8	1.250	2.750	.165	MS 15795		828	928	728	428	528	
1-1/4	1.375	3.000	.165	MS 27183	30						
1-1/4	1.375	3.000	.165	MS 15795		829	929	729	429	529	

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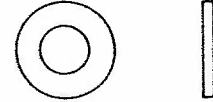
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SCREW SIZE	NOMINAL DIMENSIONS			STANDARD NUMBER	DASH NUMBERS						
					STEEL	COR. RES. STEEL		BRASS	ALUMINUM	COPPER	MONEL
	FINISH	FINISH			FINISH	FINISH					
	CADMIUM II	PASS.	BLACK OXIDE		BLACK OXIDE	PLATED					
0	.078	.188	.020	MS 27183	1						
0	.078	.188	.020	MS 15795		801	801B	901	701	501	401
0	.078	.250	.016	MS 15795					744		
2	.094	.218	.020	MS 15795		844	844B				
2	.094	.250	.020	MS 15795		802	802B	902	702	502	402
2	.094	.250	.020	MS 27183	2						
2	.094	.500	.062	MS 15795					756		
4	.125	.250	.022	MS 15795		803	803B	903	703	503	403
4	.125	.250	.022	MS 27183	3						
4	.125	.312	.032	MS 15795		804	804B	904	704	504	404
4	.125	.312	.032	MS 27183	4						
4	.125	.375	.032	MS 27183	44						
5	.141	.281	.032	MS 27183	45						
5	.141	.312	.028	MS 15795				944			
5	.141	.406	.040	MS 15795				945			
6	.156	.250	.015	MS 27183	43						
6	.156	.312	.035	MS 27183	5						
6	.156	.312	.035	MS 15795		805	805B	905	705	505	405
6	.156	.375	.049	MS 15795		806	806B	906	706	506	406
6	.156	.375	.049	MS 27183	7						
8	.172	.281	.031	MS 15795		845	845B				
8	.172	.312	.031	MS 15795		856	856B				
8	.172	1.000	.040	MS 15795					745		
8	.188	.375	.049	MS 15795		807	807B	907	707	507	407
8	.188	.375	.049	MS 27183	7						
8	.188	.438	.049	MS 15795		841	841B	941	741	541	441
8	.188	.438	.049	MS 27183	41						
8	.188	.500	.065	MS 15795	46						
10	.203	.375	.020	MS 15795		846	846B				
10	.203	.406	.040	MS 15795				946			
10	.203	.562	.032	MS 15795		847	847B				
10	.203	.562	.063	MS 15795		848	848B				
10	.203	.625	.040	MS 15795		849	849B				

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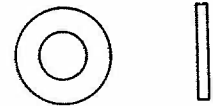
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SCREW SIZE	NOMINAL DIMENSIONS			STANDARD NUMBER	DASH NUMBERS						
					STEEL	COR. RES. STEEL		BRASS	ALUMINUM	COPPER	MONEL
	FINISH	FINISH			FINISH	FINISH					
	I.D.	O.D.	THK.		CADMIUM II	PASS.	BLACK OXIDE	BLACK OXIDE	PLATED		
10	.203	.625	.064	MS 15795					746		
10	.203	.688	.040	MS 15795					747		
10	.203	.734	.035	MS 15795		857	857B				
10	.203	.953	.040	MS 15795					748		
10	.203	1.062	.020	MS 15795		850	850B				
10	.203	1.188	.064	MS 15795					749		
10	.219	.365	.032	MS 27183	47						
10	.219	.438	.032	MS 15795						545	
10	.219	.438	.049	MS 15795		808	808B	908	708	508	408
10	.219	.438	.049	MS 27183	8						
10	.219	.469	.049	MS 15795				947			
10	.219	.500	.049	MS 15795		842	842B	942	742	542	442
10	.219	.500	.049	MS 27183	42						
10	.250	.438	.016	MS 15795				948			
10	.250	.500	.049	MS 15795				949			
10	.250	.562	.032	MS 27183	49						
10	.250	.562	.065	MS 27183	9						
10	.250	.562	.065	MS 15795		809	809B	909	709	509	409
10	.250	.625	.032	MS 27183	50						
10	.250	.688	.070	MS 15795		851	851B				
10	.250	.938	.065	MS 27183	48						
10	.250	1.000	.065	MS 27183	51						
10	.250	1.250	.064	MS 15795					750		
1/4	.266	.462	.036	MS 15795		858	858B				
1/4	.266	.500	.109	MS 15795				950			
1/4	.266	.625	.032	MS 15795		852	852B				
1/4	.266	.688	.050	MS 15795		853	853B				444
1/4	.266	1.150	.064	MS 15795					751		
1/4	.281	.531	.032	MS 15795					752		
1/4	.281	.625	.065	MS 15795		810	810B	910	710	510	410
1/4	.281	.625	.065	MS 27183	10						
1/4	.281	.734	.063	MS 15795							445
1/4	.281	.734	.065	MS 27183	52						
1/4	.296	.438	.032	MS 15795		854	854B				

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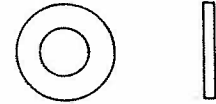
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SCREW SIZE	NOMINAL DIMENSIONS			STANDARD NUMBER	DASH NUMBERS						COPPER	MONEL
					STEEL	COR. RES. STEEL		BRASS	ALUMINUM			
	FINISH	FINISH			FINISH	FINISH						
	CADMIUM II	PASS.	BLACK OXIDE		BLACK OXIDE	PLATED						
1/4	.312	.500	.035	MS 27183	54							
1/4	.312	.500	.040	MS 15795						546		
1/4	.312	.734	.065	MS 15795		811	811B	911	711	511	411	
1/4	.312	.734	.065	MS 27183	11							
1/4	.312	.875	.065	MS 27183	53							
1/4	.312	1.062	.062	MS 15795					753			
5/16	.344	.562	.032	MS 15795							547	
5/16	.344	.562	.062	MS 15795							446	
5/16	.344	.688	.065	MS 15795		812	812B	912	712	512	412	
5/16	.344	.688	.065	MS 27183	12							
5/16	.344	.875	.064	MS 15795							447	
5/16	.375	.625	.035	MS 27183	56							
5/16	.375	.734	.083	MS 27183	55							
5/16	.375	.875	.040	MS 15795				951				
5/16	.375	.875	.083	MS 27183	13							
5/16	.375	.875	.083	MS 15795		813	813B	913	713	513	413	
5/16	.375	.938	.016	MS 15795					754			
3/8	.406	.625	.032	MS 15795							548	
3/8	.406	.625	.065	MS 15795							448	
3/8	.406	.688	.032	MS 15795				952				
3/8	.406	.812	.065	MS 15795		814	814B	914	714	514	414	
3/8	.406	.812	.066	MS 27183	14							
3/8	.412	.625	.032	MS 27183	58							
3/8	.438	.875	.065	MS 27183	60							
3/8	.438	1.000	.083	MS 27183	15							
3/8	.438	1.000	.083	MS 15795		815	815B	915	715	515	415	
3/8	.438	1.365	.083	MS 27183	59							
3/8	.438	1.825	.065	MS 27183	61							
7/16	.469	.734	.065	MS 27183	62							
7/16	.469	.922	.065	MS 27183	16							
7/16	.469	.922	.065	MS 15795		816	816B	916	716	516	416	
7/16	.469	1.125	.063	MS 15795						549		
7/16	.500	.812	.032	MS 15795							560	
7/16	.500	.875	.064	MS 15795							449	
7/16	.500	1.125	.063	MS 15795						551		
7/16	.500	1.250	.083	MS 15795		817	817B	917	717	517	417	
7/16	.500	1.250	.083	MS 15795	17							

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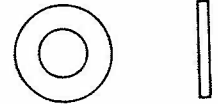
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					STEEL	COR. RES. STEEL		BRASS	ALUMINUM	COPPER	MONEL
	FINISH	FINISH			FINISH	FINISH					
	I.D.	O.D.	THK.		CADMIUM II	PASS.	BLACK OXIDE	BLACK OXIDE	PLATED		
1/2	.531	1.062	.095	MS 15795		818	818B	918	718	518	418
1/2	.531	1.062	.095	MS 27183	18						
1/2	.531	1.250	.100	MS 15795		855	855B				
1/2	.562	.968	.049	MS 15795				953			
1/2	.562	1.375	.109	MS 15795		819	819B				
1/2	.562	1.375	.109	MS 27183	19						
9/16	.594	.968	.100	MS 15795					755		
9/16	.594	1.156	.095	MS 27183	20						
9/16	.594	1.469	.100	MS 15795		843	843B	943	743	543	443
9/16	.604	1.469	.100	MS 15795		840	840B	940	740	540	440
9/16	.625	1.000	.032	MS 15795						552	
3/8	.656	1.312	.095	MS 15795		820	820B	920	720	520	420
5/8	.656	1.312	.095	MS 27183	21						
5/8	.656	2.125	.095	MS 27183	63						
5/8	.688	1.187	.187	MS 15795							450
5/8	.688	1.500	.250	MS 15795							451
5/8	.688	1.750	.134	MS 27183	22						
5/8	.688	1.750	.134	MS 15795		821	821B	921	721	521	421
5/8	.750	1.000	.035	MS 15795							452
5/8	.781	1.500	.093	MS 15795							453
3/4	.812	1.312	.095	MS 15795							454
3/4	.812	1.469	.134	MS 15795		822	822B	922	722	522	422
3/4	.812	1.469	.134	MS 27183	23						
3/4	.812	2.000	.148	MS 15795		823	823B	923	723	523	423
3/4	.812	2.000	.148	MS 27183	24						
3/4	.875	1.500	.093	MS 15795							455

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