

Bulones / Cabeza hexagonal pulidos USS-WHIT



Cabeza hexagonal pulidos USS - WHIT

Cabeza hexagonal - Zincado azul USS - WHIT

Cabeza hexagonal grado 5 USS - Zincado dorado

Cabeza hexagonal grado 5 SAE - Zincado dorado

Cabeza hexagonal métrico G8 MA - Zincado dorado

Cabeza hexagonal métrico G8 MB - Zincado dorado

LARGO	DIAMETRO										
	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
	24	20	18	16	14	12-13	12	11	10	9	8
1/2"	0.025	0.031	0.053	0.086							
5/8"	0.026	0.038	0.053	0.091							
3/4"	0.026	0.038	0.058	0.087	0.129	0.167					
7/8"	0.033	0.040	0.062	0.092	0.151	0.196					
1"	0.035	0.041	0.064	0.096	0.134	0.180	0.292	0.349	0.697		
1.1/4"	0.035	0.047	0.072	0.105	0.163	0.197	0.382	0.397	0.767		
1.1/2"	0.037	0.057	0.078	0.116	0.172	0.214	0.334	0.462	0.611	1.289	
1.3/4"	0.041	0.064	0.088	0.127	0.184	0.233	0.432	0.509	0.907	1.456	
2"	0.046	0.063	0.093	0.138	0.192	0.250	0.383	0.519	0.726	1.484	2.007
2.1/4"		0.097	0.131	0.175	0.262	0.309	0.496	0.594	0.969	1.547	2.139
2.1/2"		0.098	0.136	0.165	0.279	0.320	0.446	0.566	0.835	1.580	2.286
2.3/4"		0.100	0.137	0.210	0.291	0.425	0.551	0.821	1.076	1.759	2.570
3"		0.109	0.151	0.198	0.287	0.357	0.496	0.650	0.916	1.862	2.101
3.1/2"		0.118	0.169	0.227	0.327	0.405	0.558	0.737	1.056	1.926	2.145
4"		0.130	0.187	0.274	0.351	0.451	0.624	0.811	1.128	2.150	2.302
4.1/2"		0.174	0.216	0.306	0.378	0.504	0.684	0.896	1.276	2.320	2.779
5"		0.191	0.231	0.322	0.629	0.592	0.716	0.954	1.362	2.356	2.787
5.1/2"			0.580	0.821	0.709	1.327		1.064	1.464	2.392	3.137
6"				0.938		1.424	1.099	1.139	1.531	2.598	3.159
7"						0.960			2.207	2.847	3.563
8"						1.200			2.398	3.423	4.260
9"						1.220			2.473	3.506	4.611
10"						1.251			2.690	3.590	4.463
11"									2.972	3.955	5.050
12"						1.436			3.088	4.322	5.402

Precios sin IVA - Expresado en pesos.
Sujeto a modificacion sin previo aviso

Bulones / Cabeza hexagonal - Zincado azul - USS-WHIT



Cabeza hexagonal pulidos USS - WHIT

Cabeza hexagonal - Zincado azul USS - WHIT

Cabeza hexagonal grado 5 USS - Zincado dorado

Cabeza hexagonal grado 5 SAE - Zincado dorado

Cabeza hexagonal métrico G8 MA - Zincado dorado

Cabeza hexagonal métrico G8 MB - Zincado dorado

LARGO	DIAMETRO										
	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
	24	20	18	16	14	12-13	12	11	10	9	8
1/2"	0.031	0.038	0.066	0.108							
5/8"	0.033	0.047	0.066	0.114							
3/4"	0.033	0.047	0.073	0.109	0.162	0.208					
7/8"	0.041	0.050	0.077	0.116	0.189	0.246					
1"	0.043	0.051	0.080	0.120	0.168	0.226	0.365	0.436	0.874		
1.1/4"	0.044	0.059	0.090	0.132	0.204	0.247	0.479	0.496	0.962		
1.1/2"	0.047	0.071	0.098	0.146	0.215	0.268	0.418	0.578	0.765	1.617	
1.3/4"	0.051	0.079	0.111	0.158	0.231	0.291	0.542	0.636	1.138	1.826	
2"	0.058	0.079	0.117	0.172	0.240	0.312	0.479	0.650	0.909	1.861	2.517
2.1/4"		0.122	0.164	0.219	0.328	0.386	0.622	0.743	1.215	1.940	2.683
2.1/2"		0.123	0.170	0.207	0.349	0.400	0.558	0.708	1.045	1.979	2.868
2.3/4"		0.124	0.171	0.264	0.365	0.533	0.692	1.030	1.350	2.207	3.224
3"		0.136	0.188	0.247	0.359	0.447	0.620	0.814	1.146	2.330	2.629
3.1/2"		0.147	0.211	0.284	0.409	0.507	0.698	0.922	1.321	2.409	2.683
4"		0.163	0.234	0.343	0.439	0.565	0.780	1.015	1.411	2.690	2.880
4.1/2"		0.218	0.270	0.383	0.473	0.631	0.856	1.121	1.597	2.903	3.477
5"		0.240	0.288	0.403	0.787	0.740	0.896	1.194	1.704	2.948	3.487
5.1/2"			0.726	1.027	0.887	1.661		1.331	1.832	2.993	3.925
6"				1.173		1.781	1.375	1.425	1.915	3.250	3.952
7"						1.201		1.821	2.761	3.562	4.458
8"						1.502		1.989	3.000	4.283	5.330
9"						1.527		2.166	3.094	4.387	5.761
10"						1.565		2.352	3.366	4.492	5.584
11"									3.719	4.948	6.318
12"						1.797			3.864	5.408	6.759

**Precios sin IVA - Expresado en pesos.
Sujeto a modificacion sin previo aviso**

Bulones / Cabeza hexagonal grado 5 USS



Cabeza hexagonal pulidos USS - WHIT

Cabeza hexagonal - Zincado azul USS - WHIT

Cabeza hexagonal grado 5 USS - Zincado dorado

Cabeza hexagonal grado 5 SAE - Zincado dorado

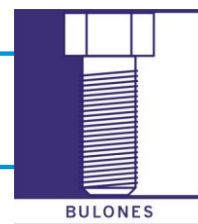
Cabeza hexagonal métrico G8 MA - Zincado dorado

Cabeza hexagonal métrico G8 MB - Zincado dorado

LARGO	DIAMETRO													
	1/4"	5/16"	3/8"	7/16"	1/2"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1.1/8"	1.1/4"	1.1/2"
	20	18	16	14	12	13	12	11	10	9	8	7	7	6
1/2"	0.054	0.083	0.152											
5/8"	0.089	0.147	0.201											
3/4"	0.073	0.105	0.153	0.264	0.348	0.348								
7/8"	0.095	0.153	0.212	0.275	0.377	0.377								
1"	0.076	0.108	0.156	0.220	0.394	0.288	0.447	0.603	1.177					
1.1/4"	0.077	0.121	0.169	0.241	0.437	0.327	0.639	0.866	1.304					
1.1/2"	0.083	0.133	0.195	0.267	0.467	0.346	0.518	0.713	1.099					
1.3/4"	0.098	0.154	0.215	0.280	0.508	0.390	0.759	1.035	1.506					
2"	0.100	0.162	0.224	0.305	0.609	0.403	0.604	0.835	1.285	2.998	4.103			
2.1/4"	0.165	0.214	0.336	0.433	0.658	0.561	0.902	1.022	1.825	3.276	4.035			
2.1/2"	0.165	0.215	0.337	0.457	0.701	0.572	0.767	1.029	1.348	3.486	4.675	6.980		
2.3/4"	0.201	0.322	0.435	0.570	0.745	0.745	1.056	1.494	2.087	3.765	4.936			
3"	0.169	0.251	0.372	0.511	0.793	0.605	0.883	1.160	1.553	3.960	5.333	7.690	9.608	27.690
3.1/4"	0.436	0.616	0.715	0.914		1.207	1.550	1.864	3.102					
3.1/2"	0.202	0.286	0.412	0.566	0.901	0.729	1.255	1.296	1.727	4.462	5.960	8.448	10.542	27.690
4"	0.218	0.316	0.422	0.590	1.002	0.767	1.094	1.410	1.871	4.950	6.622	9.339	11.605	29.266
4.1/2"	0.685	0.458	0.602	1.434	1.125	1.125	1.587	1.998	2.956	5.445	7.250	10.078	13.305	31.855
5"	0.842	0.395	0.537	1.901	1.245	1.245	1.820	1.795	2.370	5.940	7.912	11.280	14.273	33.825
5.1/2"	0.921	1.125	1.509	2.140	1.368	1.153	1.945	2.038	4.325	6.435	8.575	12.047	12.856	35.862
6"	1.001	1.260	1.634	2.265	1.493	1.493	2.659	2.698	4.665	6.929	9.202	13.445	18.254	37.821
6.1/2"		1.312	1.802							9.183				
7"		1.368	1.891	2.479		2.921		3.325	5.347	7.919	10.457	17.425	20.639	44.754
8"		1.548	2.231	2.886		3.226		3.639	6.029	8.923	11.782	19.318	23.860	49.752
9"			2.649	3.588		3.788		4.599	6.760	9.170	12.359	21.515	26.502	53.748
10"			2.937	3.978		5.987		5.074	7.448	10.299	13.725	23.407	28.833	57.755
12"								8.870	13.355					131.024

**Precios sin IVA - Expresado en pesos.
Sujeto a modificacion sin previo aviso**

Bulones / Cabeza hexagonal grado 5 SAE



Cabeza hexagonal pulidos USS - WHIT

Cabeza hexagonal - Zincado azul USS - WHIT

Cabeza hexagonal grado 5 USS - Zincado dorado

Cabeza hexagonal grado 5 SAE - Zincado dorado

Cabeza hexagonal métrico G8 MA - Zincado dorado

Cabeza hexagonal métrico G8 MB - Zincado dorado

Paso Fino

LARGO	DIAMETRO									
	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
	28	24	24	20	20	18	18	16	14	14
1/2"	0.068	0.149	0.193							
5/8"	0.092	0.152	0.207							
3/4"	0.069	0.153	0.215	0.272	0.264					
7/8"	0.098	0.157	0.218	0.283	0.388					
1"	0.074	0.110	0.165	0.244	0.309	0.370	0.646	1.212		
1.1/4"	0.087	0.130	0.188	0.284	0.342	0.658	0.892	1.343		
1.1/2"	0.091	0.132	0.203	0.288	0.372	0.549	0.760	1.471	3.301	
1.3/4"	0.092	0.149	0.287	0.384	0.415	0.782	1.066	1.551	3.132	
2"	0.107	0.196	0.283	0.356	0.429	0.631	0.843	1.739	3.087	4.225
2.1/4"	0.187	0.288	0.365	0.479	0.487	0.929	1.316	1.587	3.374	4.381
2.1/2"	0.198	0.293	0.323	0.437	0.545	0.780	1.089	2.000	3.589	4.814
2.3/4"	0.207	0.331	0.448	0.587	0.767	1.087	1.538	2.149	3.876	5.083
3"	0.221	0.339	0.396	0.500	0.645	0.881	1.235	1.748	4.077	5.492
3.1/2"	0.474	0.307	0.423	0.587	0.741	1.293	1.365	1.915	4.594	6.138
4"	0.518	0.336	0.462	0.613	0.797	1.153	1.524	2.119	5.097	6.819
4.1/2"		0.465	0.620	1.615	1.159	1.635	2.058	3.044	5.607	7.466
5"		0.505	0.681	2.084	1.282	1.874	2.143	3.378	6.116	8.148
5.1/2"					1.451	2.003	2.425	4.453	6.626	8.830
6"					1.584	2.739	2.778	4.804	7.135	9.476
6.1/2"									10.624	
7"							3.424	5.506	8.155	10.768
8"							3.747	6.208	9.189	12.132
9"							4.875	7.170	9.725	13.108
10"							5.380	7.900	10.929	14.558

**Precios sin IVA - Expresado en pesos.
Sujeto a modificacion sin previo aviso**

Bulones / Cabeza hexagonal métrico G8 MA



Cabeza hexagonal pulidos USS - WHIT

Cabeza hexagonal - Zincado azul USS - WHIT

Cabeza hexagonal grado 5 USS - Zincado dorado

Cabeza hexagonal grado 5 SAE - Zincado dorado

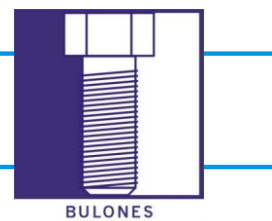
Cabeza hexagonal métrico G8 MA - Zincado dorado

Cabeza hexagonal métrico G8 MB - Zincado dorado

LARGO	DIAMETRO														
	4	5	6	7	8	10	12	14	16	18	20	22	24	27	30
	0.7	0.8	1.0	1.0	1.25	1.5	1.75	2.0	2.0	2.5	2.5	2.5	3.0	3	3.5
6	0.251														
8	0.256														
10	0.260	0.051	0.075		0.172										
12	0.269	0.052	0.076		0.155										
15		0.069	0.076		0.121	0.224									
16	0.280	0.067	0.050	0.121	0.094	0.173	0.349								
18		0.070	0.076		0.136	0.236									
20	0.285	0.071	0.055	0.123	0.096	0.176	0.251								
22		0.071	0.095		0.139	0.272	0.391								
25	0.292	0.079	0.060	0.135	0.107	0.191	0.274	0.457	0.898	1.128					
30	0.314	0.101	0.069	0.142	0.118	0.209	0.284	0.488	0.700	1.354	1.754				
35	0.372	0.110	0.073	0.171	0.127	0.224	0.313	0.510	0.725	1.457	1.895				
40	0.407	0.115	0.085	0.200	0.138	0.242	0.335	0.560	0.749	1.560	2.025				
45		0.146	0.105	0.213	0.152	0.268	0.364	0.604	0.812	1.663	2.154				
50		0.162	0.112	0.227	0.161	0.269	0.382	0.630	0.862	1.767	2.296	2.824	3.534		15.949
55			0.181	0.245	0.226	0.350	0.511	0.920	1.324	1.883	2.424	3.032	3.765		
60			0.133	0.259	0.230	0.356	0.516	0.724	0.995	1.986	2.579	3.147	3.921	12.382	16.321
65			0.228	0.292	0.234	0.493	0.549	1.038	1.567	2.036	2.695	3.346	4.148		
70			0.152	0.310	0.237	0.382	0.584	0.789	1.098	2.192	2.825	3.485	4.307	13.038	17.472
75					0.264	0.419	0.625								
80			0.260	0.374	0.273	0.420	0.627	0.862	1.220	2.412	3.095	3.805	4.681	13.789	17.769
90			0.292		0.293	0.486	0.655	0.930	1.330	2.618	3.353	4.141	5.068	14.164	18.210
100					0.339	0.516	0.693	1.020	1.415	2.825	3.625	4.462	5.455	14.258	20.817
110					0.412	0.614	0.989	1.540	2.155	3.044	3.895	4.785	5.842	19.604	21.369
120					0.419	0.616	1.051	1.665	2.244	3.250	4.153	5.124	6.229	19.698	21.950
130						0.942	1.123	1.751	1.893	3.469	4.427	5.438	6.622	21.574	22.888
140						0.989	1.244	1.869	2.446	3.675	4.694	5.778	7.007	22.231	30.954
150						1.011	1.318	1.953	2.643	3.882	4.952	6.100	7.377	22.981	30.954
160									2.788	4.088	5.228	6.423	7.773	23.356	31.517
170									2.933	4.295	5.468	6.745	8.151		
180									3.079	4.501	5.727	7.075	8.540	24.992	32.053
190									2.596	4.707	5.995	7.389	8.930		
200									3.369	4.915	6.274	7.712	9.342	25.983	32.455
210															
220														27.202	33.862

Precios sin IVA - Expresado en pesos.
Sujeto a modificacion sin previo aviso

Bulones / Cabeza hexagonal métrico G8 MB



Cabeza hexagonal pulidos USS - WHIT

Cabeza hexagonal - Zincado azul USS - WHIT

Cabeza hexagonal grado 5 USS - Zincado dorado

Cabeza hexagonal grado 5 SAE - Zincado dorado

Cabeza hexagonal métrico G8 MA - Zincado dorado

Cabeza hexagonal métrico G8 MB - Zincado dorado

Paso Fino

LARGO	DIAMETRO								
	10	12	12	14	16	18	20	22	24
	1.25	1.25	1.5	1.5	1.5	1.5	1.5	1.5	2
20	0.200	0.285	0.291						
25	0.213	0.309	0.314	0.476	0.925	1.068			
30	0.221	0.311	0.320	0.495	0.987	1.395	1.806		
35	0.252	0.346	0.347	0.524	1.022	1.501	1.953		
40	0.257	0.366	0.362	0.555	0.848	1.607	2.086		
45	0.337	0.441	0.405	0.597	0.909	1.714	2.218		
50	0.254	0.449	0.425	0.625	0.935	1.820	2.364	2.909	3.639
55	0.429	0.622	0.482	0.948	0.945	1.939	2.497	3.123	3.877
60	0.386	0.538	0.486	0.720	0.994	2.046	2.656	3.241	4.038
65	0.505	0.717	0.554	1.069	1.614	2.098	2.776	3.446	4.272
70	0.389	0.613	0.578	0.752	1.105	2.258	2.909	3.590	4.436
75				1.342	1.859	2.912	3.371		
80	0.429	0.670	0.700	0.866	1.263	2.484	3.188	3.918	4.822
85				1.463	2.021	3.109	3.587		
90	0.490	0.773	0.715	0.936	1.323	2.696	3.453	4.265	5.220
95				1.614	2.176	3.369	3.890		
100	0.520	0.780	0.743	1.021	1.425	2.909	3.734	4.596	5.619
110	0.579	0.822	0.792	1.146	2.219	3.135	4.012	4.928	6.017
120	0.864	0.868	0.840	1.192	2.311	3.347	4.277	5.278	6.415
130	0.970	1.157	1.157	1.804	1.805	3.573	4.559	5.600	6.821
140	1.019	1.281	1.281	1.925	2.519	3.592	4.835	5.951	7.215
150	1.041	1.357	1.357	2.011	2.135	3.998	5.100	6.283	7.598
160					2.872	4.211	5.385	6.615	8.006
170					3.021	4.423	5.632	6.947	8.395
180					3.170	4.636	5.898	7.277	8.795
190					3.320	4.848	6.175	7.611	9.197
200					3.469	5.062	6.462	7.943	9.621

**Precios sin IVA - Expresado en pesos.
Sujeto a modificacion sin previo aviso**