

Thread Size	M6X1		M8X1.25		M10X1.5		M12X1.75	
Bolt Length (mm)	Zn Flake	Phos&Oil	Zn Flake	Phos&Oil	Zn Flake	Phos&Oil	Zn Flake	Phos&Oil
10	7X-2619	2W-9513	7X-2620	2W-9533	----	----	----	----
12	8T-4171	8T-0639	8T-4199	6V-2316	7X-2621	6V-8084	----	----
14	8T-4970	6V-8836	7X-2536	8T-0642	----	----	----	----
16	5C-9553	6V-8837	8T-4200	6V-5215	8T-4191	6V-8212	7X-2548	6V-8177
20	8T-4138	6V-8214	8T-4189	6V-5217	8T-4137	6V-6317	8T-4179	8T-0293
25	6V-7357	6V-8490	8T-4908	6V-3940	8T-4136	6V-4248	8T-4192	6A-5591
30	8T-4971	8T-0640	8T-7547	6V-2317	8T-4195	6V-1820	8T-4139	6V-3668
35	7X-2533	6V-2315	7X-2537	6V-5218	8T-4196	6V-3822	8T-4956	6V-8675
40	8C-8451	2W-9499	099-3649	6V-5219	8T-4186	6V-5842	8T-4183	6V-8197
45	9X-2480	6V-7728	7X-0818	8T-0276	8T-4182	6V-5843	8T-4184	6V-5684
50	7X-2534	8T-0275	8T-6912	6V-3918	8T-4185	6V-4249	8T-4194	6V-7673
60	7X-2535	8T-5066	8T-6869	8T-0100	8T-6466	6V-5230	8T-4910	6V-3823
70	8T-3844	6V-8359	8T-6870	5P-8347	8T-5005	6V-7981	8T-4648	6V-8336
80	8T-6974	6V-9798	8T-3647	6V-5221	8T-4172	8T-0643	8T-6868	6V-5696
90	7X-7888	----	8T-4177	8T-0292	8T-4178	8T-0644	8T-4176	8T-0372
100	7X-0465	----	7X-2538	6V-5223	8T-4198	6V-1819	7X-2549	8T-0106
110	----	295-4303	7X-2539	6V-3821	8T-6685	8T-0355	7X-2550	8T-0646
120	----	----	7X-2540	6V-9607	7X-2543	8T-5030	8T-5041	6V-8004
130	----	----	108-2989	7X-0457	8T-5436	210-4460	8T-5001	253-6267
140	----	6V-9606	7X-2541	7X-0870	7X-2544	8C-2926	8T-5412	7X-0909
150	----	----	7X-2542	8C-4984	7X-2545	8T-9085	8T-5092	8T-5044
160	----	----	8T-7352	3E-8005	8T-6408	8T-0356	8T-7930	8T-0162
180	9X-8498	----	----	9X-6000	7X-2546	8T-7950	8T-7929	8T-6991
200	7X-0490	----	----	9X-6628	7X-2547	8T-6854	7X-2551	8C-3226
220	----	----	9X-2028	----	7X-0474	----	7X-7960	9X-2145
240	----	----	----	9X-6630	159-7463	----	7X-3335	8C-3281
260	----	----	----	----	8T-4144	----	8C-8407	----
280	----	----	----	----	----	----	----	----
300	----	----	----	----	286-3219	----	270-5290	----
Washer-Hard (mm)	9X-8256	9X-8267	8T-4224	9M-1974	8T-4121	6V-5839	8T-4223	5P-8245
OD / THK	12 / 2		16 / 2		21 / 2.5		25.5 / 3	
Washer-Hard Oversize	----	----	5P-4116	3E-4352	7X-7729	3E-4353	5P-1076	7D-1649
OD (mm)			20.5 / 2	20.5 / 2.5	25 / 3		30 / 4	32 / 5
OD / THK								
Washer-Hard Structural (mm)	198-4775	198-4764	198-4776	198-4765	198-4777	198-4766	198-4778	198-4767
OD / THK	15 / 6		20 / 8		25 / 10		30 / 12	
Nut-Hex	344-5673	6V-8225	344-5674	5P-7970	344-5675	2Y-5829	329-3356	6V-8149
Locknut Metal	6V-7743		6V-9189		6V-7744		6V-7687	
Locknut Nylon (Zn Plated)	208-8469		3T-0852		8T-0389		8T-8549	
Nut-Flanged (Zn Plated)	099-6418		178-3336		175-7141		184-0983	
Nut-Weld (Zn Plated)	6V-9632		8T-3612		8T-3490		8T-3597	
Pilot Hold DIA (mm)	9.5		11.5		13.8		16.75	

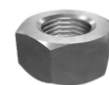
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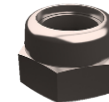
Phos & Oil



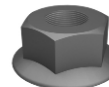
Hex Nut



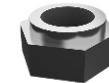
Lock Nut



Flanged Nut



Weld Nut



Standard Washer



Structural Washer



Thread Size	M16x2		M20x2.5		M24x3		M30x3.5		M36x4	
Bolt Length (mm)	Zn Flake	Phos&Oil	Zn Flake	Phos&Oil	Zn Flake	Phos&Oil	Zn Flake	Phos&Oil	Zn Flake	Phos&Oil
10	----	----	----	----	----	----	----	----	----	----
12	----	----	----	----	----	----	----	----	----	----
14	----	----	----	----	----	----	----	----	----	----
16	----	----	----	----	----	----	----	----	----	----
20	142-8545	----	----	----	----	----	----	----	----	----
25	8T-4190	6V-5224	----	----	----	----	----	----	----	----
30	7X-2552	8T-0299	8T-4780	8T-0651	----	----	----	----	----	----
35	8T-4779	6V-5844	7X-2561	8T-0300	7X-2572	----	----	----	----	----
40	7X-2553	290-7296	8T-5460	6V-7729	7X-2573	8T-0661	----	----	----	----
45	8T-7338	8T-0375	7X-2562	8T-0652	7X-2574	8T-0663	----	----	----	----
50	8T-4193	178-3707	287-5701	6V-3531	8T-5379	6V-9199	7X-7900	9X-2199	----	----
60	8T-4140	202-6473	106-4175	6V-3532	7X-2575	8T-0380	----	----	----	----
70	118-7313	8T-0357	8T-4141	6V-5845	7X-2576	8T-0664	7Y-5232	----	----	----
80	7X-2555	8T-0281	213-5007	6V-3669	114-6099	173-9779	8C-8723	8C-3222	160-6513	----
90	8T-4175	8T-0358	112-3927	145-9278	7X-2577	8T-0666	7X-2580	8C-3411	----	----
100	7X-2556	8T-0207	7X-2565	6V-9667	112-3929	173-9684	7X-2581	8T-0368	147-2001	173-9682
110	8T-4173	8T-0649	112-3926	8T-0362	7X-2454	8T-0668	7X-2582	8T-0283	----	----
120	8T-4174	8T-0282	8T-6381	8T-0070	8T-0363	6V-8132	7X-2583	8T-0369	7Y-5263	101-3672
130	7X-2475	8T-0359	7X-2532	8T-0655	8T-6380	8T-0669	130-0099	177-9754	7Y-5264	9X-6152
140	7X-2557	6V-7675	8C-8478	6V-9167	8T-4649	8T-0670	7X-2584	8T-0370	7Y-5265	147-0170
150	7X-2558	6V-8154	8T-4170	8T-0656	147-5112	141-6373	107-3953	101-1806	7Y-5245	147-0169
160	7X-2559	175-0454	7X-2488	8T-0657	169-5792	8T-0672	7X-2585	177-9755	7Y-5253	----
180	8T-6385	9X-6493	7X-2568	8T-0658	7X-2465	8T-0674	7X-2586	8T-6624	207-4919	201-4606
200	8T-6383	9X-2075	7X-2569	6V-8569	7X-2578	6V-8198	9X-6385	163-8682	153-3975	9X-6626
220	7X-2560	8T-7013	7X-2570	8T-7505	7X-2476	8T-0364	3E-9850	178-2992	----	224-8961
240	100-8255	161-4517	7X-2571	8T-0161	7X-2579	8T-0365	----	334-6836	153-3976	----
260	8T-6382	8T-5045	125-3297	----	7X-2455	8T-0367	7Y-5231	139-5942	----	----
280	110-6968	----	----	9X-2475	9X-8477	8T-5397	108-7931	----	----	----
300	110-6969	----	----	----	9X-8913	152-0604	3E-7442	----	----	----
Washer-Hard OD / THK (mm)	9X-8257	9X-8268	8T-4123	8T-3282	8T-4167	6V-8237	9X-8258	9X-8399	9X-8259	146-1799
	30 / 3.5		35 / 3.5		44 / 4		56 / 6		66 – 6	
Washer-Hard Structural OD / THK (mm)	198-4780	198-4768	198-4781	198-4769	198-4782	198-4771	198-4783	198-4772	----	198-4773
	32 / 8		40 / 10		47 / 12		60 / 14		70 / 16	
Nut-Hex	8T-4132	8T-1757	8T-4131	6V-7742	8T-4001	7X-0851	8C-8722	8T-1583	8T-4955	8C-4032
Locknut Metal	8T-4778		----		317-1117		----		----	
Locknut Nylon (Zn Plated)	176-5311		6V-7688		6V-7676		8T-5065		8T-3018	
Nut-Flanged (Zn Plated)	369-9046		----		----		----		----	
Nut-Weld (Zn Plated)	355-8941		----		----		----		----	