

FASTENERS



HEXAGON HEAD CAP SCREWS

8.8 GRADE MILD STEEL, din 933
fully threaded, zinc-plated.

****ZINC-PLATED STEEL****

<u>PART #</u>	<u>SIZE</u>	<u>PART #</u>	<u>SIZE</u>	<u>PART #</u>	<u>SIZE</u>
30 800	M3 x 12	30 140	M8 x 12	30 128	M12 x 20
30 801	M3 x 20	30 830	M8 x 20	30 847	M12 x 30
30 802	M3 x 25	30 831	M8 x 25	30 848	M12 x 35
30 803	M3 x 30	30 008	M8 x 30	30 019	M12 x 40
30 804	M3 x 35	30 832	M8 x 35	30 849	M12 x 45
30 805	M3 x 40	30 009	M8 x 40	30 020	M12 x 50
30 799	M3 x 50	30 833	M8 x 45	30 850	M12 x 55
		30 010	M8 x 50	30 021	M12 x 60
30 806	M4 x 12	30 834	M8 x 55	30 851	M12 x 65
30 807	M4 x 20	30 011	M8 x 60	30 852	M12 x 70
30 808	M4 x 25	30 835	M8 x 65	30 022	M12 x 75
30 809	M4 x 30	30 012	M8 x 70	30 853	M12 x 80
30 810	M4 x 35	30 836	M8 x 75	30 854	M12 x 90
30 811	M4 x 40	30 837	M8 x 80	30 855	M12 x 100
30 812	M4 x 45	30 838	M8 x 90	30 856	M12 x 110
30 813	M4 x 50	30 839	M8 x 100	30 857	M12 x 120
		30 141	M8 x 110		
30 814	M5 x 12			30 143	M14 x 25
30 815	M5 x 20	30 046	M10 x 20	30 142	M14 x 35
30 816	M5 x 25	30 087	M10 x 25	30 858	M14 x 40
30 817	M5 x 30	30 013	M10 x 30	30 859	M14 x 45
30 818	M5 x 35	30 840	M10 x 35	30 023	M14 x 50
30 001	M5 x 40	30 014	M10 x 40	30 860	M14 x 55
30 819	M5 x 45	30 841	M10 x 45	30 861	M14 x 60
30 002	M5 x 50	30 015	M10 x 50	30 862	M14 x 65
30 043	M5 x 60	30 842	M10 x 55	30 863	M14 x 70
30 047	M5 x 80	30 843	M10 x 60	30 864	M14 x 75
		30 844	M10 x 65	30 024	M14 x 80
30 086	M6 x 10	30 016	M10 x 70	30 865	M14 x 90
30 042	M6 x 12	30 845	M10 x 75	30 025	M14 x 100
30 045	M6 x 16	30 017	M10 x 80	30 866	M14 x 110
30 820	M6 x 20	30 846	M10 x 90	30 867	M14 x 120
30 821	M6 x 25	30 018	M10 x 100	30 190	M14 x 150
30 003	M6 x 30				
30 822	M6 x 35				
30 004	M6 x 40				
30 823	M6 x 45				
30 005	M6 x 50				
30 824	M6 x 55				
30 006	M6 x 60				
30 825	M6 x 65				
30 826	M6 x 70				
30 827	M6 x 75				
30 007	M6 x 80				
30 828	M6 x 90				
30 829	M6 x 100				

**Zinc-plated steel cap screws
cont.....**

<u>PART #</u>	<u>SIZE</u>
30 188	M16 x 30
30 868	M16 x 40
30 869	M16 x 45
30 026	M16 x 50
30 870	M16 x 55
30 027	M16 x 60
30 871	M16 x 65
30 872	M16 x 70
30 873	M16 x 75
30 028	M16 x 80
30 874	M16 x 90
30 029	M16 x 100
30 875	M16 x 110
30 030	M16 x 120
30 876	M18 x 40
30 877	M18 x 45
30 878	M18 x 50
30 879	M18 x 55
30 031	M18 x 60
30 880	M18 x 65
30 881	M18 x 70
30 882	M18 x 75
30 032	M18 x 80
30 883	M18 x 90
30 033	M18 x 100
30 884	M18 x 110
30 885	M18 x 120

<u>PART #</u>	<u>SIZE</u>
30 189	M20 x 40
30 886	M20 x 50
30 887	M20 x 55
30 034	M20 x 60
30 888	M20 x 65
30 889	M20 x 70
30 890	M20 x 75
30 035	M20 x 80
30 891	M20 x 90
30 036	M20 x 100
30 892	M20 x 110
30 893	M20 x 120
30 894	M22 x 60
30 895	M22 x 65
30 896	M22 x 70
30 897	M22 x 75
30 037	M22 x 80
30 898	M22 x 90
30 038	M22 x 100
30 899	M22 x 110
30 900	M22 x 120
30 901	M24 x 60
30 902	M24 x 65
30 903	M24 x 70
30 904	M24 x 75
30 039	M24 x 80
30 905	M24 x 90
30 040	M24 x 100
30 906	M24 x 110
30 907	M24 x 120
30 144	M24 x 150



HEXAGON NUTS

Class 8 alloy steel, DIN 934
Zinc-plated.

<u>PART #</u>	<u>SIZE</u>
30 048	M2
30 195	M3
30 196	M4
30 197	M5
30 198	M6
30 199	M8
30 200	M10
30 201	M12
30 202	M14
30 203	M16
30 204	M18
30 205	M20
30 206	M22
30 207	M24
30 208	M27
30 209	M30



HEXAGON HEAD CAP SCREWS

A-2 Stainless steel, DIN 933-A2
Fully threaded.

****STAINLESS STEEL****

<u>PART #</u>	<u>SIZE</u>	<u>PART #</u>	<u>SIZE</u>	<u>PART #</u>	<u>SIZE</u>
30 909	M3 x 12	30 939	M8 x 20	30 960	M12 x 30
30 910	M3 x 20	30 940	M8 x 25	30 961	M12 x 35
30 911	M3 x 25	30 057	M8 x 30	30 962	M12 x 40
30 912	M3 x 30	30 941	M8 x 35	30 065	M12 x 45
30 913	M3 x 35	30 058	M8 x 40	30 066	M12 x 50
30 914	M3 x 40	30 942	M8 x 45	30 963	M12 x 55
		30 059	M8 x 50	30 067	M12 x 60
30 915	M4 x 12	30 943	M8 x 55	30 964	M12 x 65
30 916	M4 x 20	30 944	M8 x 60	30 068	M12 x 70
30 917	M4 x 25	30 945	M8 x 65	30 965	M12 x 75
30 918	M4 x 30	30 060	M8 x 70	30 069	M12 x 80
30 919	M4 x 35	30 946	M8 x 75	30 966	M12 x 90
30 920	M4 x 40	30 947	M8 x 80	30 967	M12 x 100
30 921	M4 x 45	30 948	M8 x 90	30 968	M12 x 110
30 922	M4 x 50	30 949	M8 x 100	30 969	M12 x 120
30 923	M5 x 12	30 950	M10 x 30	30 970	M14 x 40
30 924	M5 x 20	30 951	M10 x 35	30 971	M14 x 45
30 925	M5 x 25	30 061	M10 x 40	30 070	M14 x 50
30 050	M5 x 30	30 952	M10 x 45	30 972	M14 x 55
30 926	M5 x 35	30 062	M10 x 50	30 071	M14 x 60
30 051	M5 x 40	30 953	M10 x 55	30 973	M14 x 65
30 927	M5 x 45	30 063	M10 x 60	30 072	M14 x 70
30 052	M5 x 50	30 954	M10 x 65	30 974	M14 x 75
		30 064	M10 x 70	30 073	M14 x 80
30 089	M6 x 12	30 956	M10 x 75	30 975	M14 x 90
30 125	M6 x 16	30 957	M10 x 80	30 976	M14 x 100
30 928	M6 x 20	30 958	M10 x 90	30 977	M14 x 110
30 929	M6 x 25	30 959	M10 x 100	30 978	M14 x 120
30 053	M6 x 30				
30 930	M6 x 35				
30 054	M6 x 40				
30 931	M6 x 45				
30 055	M6 x 50				
30 932	M6 x 55				
30 933	M6 x 60				
30 934	M6 x 65				
30 056	M6 x 70				
30 935	M6 x 75				
30 936	M6 x 80				
30 937	M6 x 90				
30 938	M6 x 100				

**Stainless steel cap screws
continued.....**

<u>PART #</u>	<u>SIZE</u>
30 979	M16 x 40
30 980	M16 x 45
30 981	M16 x 50
30 074	M16 x 55
30 075	M16 x 60
30 982	M16 x 65
30 983	M16 x 70
30 984	M16 x 75
30 076	M16 x 80
30 985	M16 x 90
30 077	M16 x 100
30 986	M16 x 110
30 987	M16 x 120
30 988	M18 x 40
30 989	M18 x 45
30 990	M18 x 50
30 991	M18 x 55
30 992	M18 x 60
30 993	M18 x 65
30 994	M18 x 70
30 995	M18 x 75
30 996	M18 x 80
30 997	M18 x 90
30 998	M18 x 100
30 999	M18 x 110
31 000	M18 x 120
31 001	M20 x 50
31 002	M20 x 55
30 078	M20 x 60
31 003	M20 x 65
30 079	M20 x 70
31 004	M20 x 75
30 080	M20 x 80
31 005	M20 x 90
30 081	M20 x 100
31 006	M20 x 110
31 007	M20 x 120
31 008	M22 x 60
31 009	M22 x 65
31 010	M22 x 70
31 011	M22 x 75
31 012	M22 x 80
31 013	M22 x 90
31 014	M22 x 100
31 015	M22 x 110
31 016	M22 x 120
31 017	M24 x 60
31 018	M24 x 65
30 082	M24 x 70

31 019	M24 x 75
30 083	M24 x 80
31 020	M24 x 90
30 084	M24 x 100
31 021	M24 x 110
31 022	M24 x 120



HEXAGON NUTS

A-2 Stainless steel, DIN 934-A2

<u>PART #</u>	<u>SIZE</u>
30 049	M2
30 085	M2.5
30 210	M3
30 211	M4
30 212	M5
30 213	M6
30 214	M8
30 215	M10
30 216	M12
30 217	M14
30 218	M16
30 219	M18
30 220	M20
30 221	M22
30 222	M24
30 126	M30



WING NUTS

Stainless steel, DIN 315

30 300	M4
30 301	M5
30 302	M6
30 303	M8
30 304	M10
30 305	M12
30 306	M14
30 307	M16



NYLON INSERT LOCK NUT

Stainless steel, DIN 985

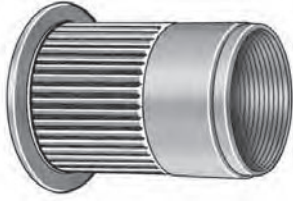
<u>PART #</u>	<u>SIZE</u>
30 251	M3
30 252	M4
30 253	M5
30 254	M6
30 255	M8
30 256	M10
30 257	M12
30 258	M14
30 259	M16
30 260	M18
30 261	M20
30 262	M24



DOME NUTS

Stainless steel, DIN 1587

30 310	M3
30 311	M4
30 312	M5
30 313	M6
30 314	M8
30 315	M10
30 316	M12
30 317	M14
30 318	M16
30 319	M18
30 320	M20



RIVET NUTS

Large Flange, Knurled Body, Thin Wall
Steel, zinc yellow or **Stainless Steel**

STEEL

<u>PART #</u>	<u>THREAD</u>	<u>GRIP RANGE</u>
30 177	M4 x .0.7	0.50-2.00
30 178	M4 X 0.7	2.00-3.30
30 179	M5 X 0.8	0.50-3.30
30 180	M5 X 0.8	3.30-5.70
30 181	M6 X 1.0	0.70-4.20
30 182	M6 X 1.0	4.20-6.60
30 183	M8 X 1.25	0.70-3.80
30 184	M8 X 1.25	3.80-7.90
30 185	M10 X 1.5	0.70-3.80
30 186	M10 X 1.5	3.80-7.90
30 187	M12 X 1.75	1.60-5.10
30 230	M12 X 1.75	5.10-8.90
	M12 x 1.75	8.90-12.70

STAINLESS STEEL

<u>PART#</u>
30 395
30 396
30 397
30 398
30 399
30 400
30 401
30 402
30 403
30 404
30 405
30 406
30 407

**SOCKET HEAD CAP SCREWS**

8.8 grade mild steel, black finish, , DIN 912
A-2 Stainless steel, DIN 912-A2

MILD STEEL

<u>PART #</u>	<u>SIZE</u>
30 639	M5 x 30
30 640	M5 x 40
30 641	M5 x 50
30 642	M6 x 30
30 643	M6 x 40
30 644	M6 x 50
30 645	M6 x 60
30 638	M6 x 70
30 646	M6 x 80
30 647	M8 x 30
30 648	M8 x 40
30 649	M8 x 50
30 650	M8 x 60
30 651	M8 x 70
30 636	M8 x 80
30 652	M10 x 30
30 653	M10 x 40
30 654	M10 x 50
30 637	M10 x 60
30 655	M10 x 70
30 656	M10 x 80
30 657	M10 x 100
30 658	M12 x 40
30 659	M12 x 50
30 660	M12 x 60
30 661	M12 x 70
30 676	M12 x 80
30 679	M12 x 100
30 662	M14 x 50
30 677	M14 x 60
30 678	M14 x 70
30 663	M14 x 80
30 664	M14 x 100
30 665	M16 x 50
30 666	M16 x 60
30 669	M16 x 70
30 667	M16 x 80
30 668	M16 x 100
30 670	M18 x 60
30 671	M18 x 80
30 672	M18 x 100
30 673	M20 x 60
30 674	M20 x 80
30 675	M20 x 100

STAINLESS STEEL

<u>PART #</u>	<u>SIZE</u>
30 685	M5 x 30
30 686	M5 x 40
30 687	M5 x 50
30 688	M6 x 30
30 689	M6 x 40
30 690	M6 x 50
30 717	M6 x 60
30 691	M6 x 70
30 718	M6 x 80
30 692	M8 x 30
30 693	M8 x 40
30 694	M8 x 50
30 719	M8 x 60
30 695	M8 x 70
30 720	M8 x 80
30 721	M10 x 30
30 696	M10 x 40
30 697	M10 x 50
30 698	M10 x 60
30 699	M10 x 70
30 722	M10 x 80
30 723	M10 x 100
30 700	M12 x 40
30 701	M12 x 50
30 702	M12 x 60
30 703	M12 x 70
30 704	M12 x 80
30 724	M12 x 100
30 705	M14 x 50
30 706	M14 x 60
30 707	M14 x 70
30 708	M14 x 80
30 725	M14 x 100
30 709	M16 x 50
30 710	M16 x 60
30 726	M16 x 70
30 711	M16 x 80
30 712	M16 x 100
30 713	M20 x 60
30 714	M20 x 70
30 715	M20 x 80
30 716	M20 x 100



FLAT WASHERS

Mild steel, Zinc-plated, DIN 125

A-2 Stainless steel, DIN 125-A2

STEEL

<u>PART #</u>	<u>SIZE</u>
30 360	M3
30 361	M4
30 362	M5
30 363	M6
30 364	M8
30 365	M10
30 366	M12
30 367	M14
30 368	M16
30 369	M18
30 370	M20
30 371	M22
30 372	M24
30 373	M27
30 374	M30

STAINLESS STEEL

<u>PART #</u>	<u>SIZE</u>
30 380	M3
30 381	M4
30 382	M5
30 383	M6
30 384	M8
30 385	M10
30 386	M12
30 387	M14
30 388	M16
30 389	M18
30 390	M20
30 391	M22
30 392	M24
30 393	M27
30 394	M30



LOCK WASHERS

Mild steel, Zinc-plated, DIN 127

A-2 Stainless steel, DIN 127-A2

STEEL

<u>PART #</u>	<u>SIZE</u>
30 410	M3
30 411	M4
30 412	M5
30 413	M6
30 414	M8
30 415	M10
30 416	M12
30 417	M14
30 418	M16
30 419	M18
30 420	M20
30 421	M22
30 422	M24
30 423	M27
30 424	M30

STAINLESS STEEL

<u>PART #</u>	<u>SIZE</u>
30 430	M3
30 431	M4
30 432	M5
30 433	M6
30 434	M8
30 435	M10
30 436	M12
30 437	M14
30 438	M16
30 439	M18
30 440	M20
30 441	M22
30 442	M24
30 443	M27
30 444	M30



OVERSIZE FLAT WASHERS

Stainless steel, DIN 9021

STAINLESS STEEL

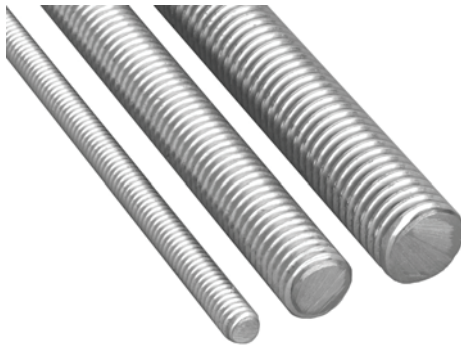
<u>PART #</u>	<u>SIZE</u>
30 330	M5
30 331	M6
30 332	M8
30 333	M10
30 334	M12
30 335	M14
30 336	M16
30 337	M18
30 338	M20
30 339	M22
30 340	M24



LIFTING EYE BOLT

Zinc-plated steel, DIN 580

<u>PART #</u>	<u>THREAD SIZE</u>
30 130	M6 x 1.0
30 131	M8 x 1.25
30 132	M10 x 1.5
30 133	M12 x 1.75
30 134	M14 x 2.0
30 135	M16 x 2.0
30 136	M18 x 2.5
30 137	M20 x 2.5
30 138	M22 x 2.5
30 139	M24 x 3.0



THREADED RODS

4.6 grade steel, Zinc-plated, DIN 975
A-2 Stainless steel, DIN 975-A2
1 meter lengths (39")

PLATED STEEL

<u>PART #</u>	<u>DIA. x PITCH</u>
30 145	M3 x 0.5
30 146	M4 x 0.7
30 147	M5 x 0.8
30 148	M6 x 1.0
30 149	M8 x 1.25
30 150	M10 x 1.5
30 151	M12 x 1.75
30 152	M14 x 2.0
30 153	M16 x 2.0
30 154	M18 x 2.5
30 155	M20 x 2.5
30 156	M22 x 2.5
30 157	M24 x 3.0
30 158	M27 x 3.0
30 159	M30 x 3.5
30 160	M36 x 3.5

STAINLESS STEEL

<u>PART #</u>	<u>DIA. x PITCH</u>
30 161	M3 x 0.5
30 162	M4 x 0.7
30 163	M5 x 0.8
30 164	M6 x 1.0
30 165	M8 x 1.25
30 166	M10 x 1.5
30 167	M12 x 1.75
30 168	M14 x 2.0
30 169	M16 x 2.0
30 170	M18 x 2.5
30 171	M20 x 2.5
30 172	M22 x 2.5
30 173	M24 x 3.0
30 174	M27 x 3.0
30 175	M30 x 3.5
30 176	M36 x 3.5



HOSE CLAMPS - STAINLESS STEEL

Extremely flexible one-piece clamp in stainless steel with gear drive adjusting screw.

<u>PART #</u>	<u>NO.</u>	<u>SIZE</u>
80 579	4	6-16mm
80 580	6	13-23mm
80 581	8	16-25mm
80 582	10	14-27mm
80 583	12	18-32mm
80 584	16	21-38mm
80 585	20	21-44mm
80 586	24	27-51mm
80 587	28	32-57mm
80 588	32	40-63mm
80 589	36	46-70mm
80 590	40	52-76mm
80 591	44	59-82mm
80 592	48	65-89mm
80 593	52	72-95mm
80 594	56	78-101mm
80 595	60	84-108mm
80 596	64	91-114mm
80 597	68	98-120mm
80 598	72	105-127mm
80 599	80	118-140mm
80 600	88	130-152mm
80 601	96	141-165mm
80 602	104	155-178mm
80 603	116	175-197mm
80 604	128	194-216mm
80 605	152	181-254mm
80 606	188	238-311mm



STRAPPING STEEL AND BUCKLES

304 Stainless Steel strapping steel band and Screw-lokt buckles

30 090	1/4" x 100' stainless steel band
30 091	1/2" x 100' stainless steel band
30 092	1/4" screw-lokt buckles, box of 50
30 093	1/2" screw-lokt buckles, box of 25

METRIC ASSORTMENT KITS

Solid transparent box with easy to read label, a conveniently arranged table of content and a lockable lid.



FIBER WASHER KIT

<u>PART #</u>	<u>CONTENTS</u>
30 474	6-8-10-12-14-16-18-20 mm 8 sizes, 800 pcs. GE-224



BONDED SEAL WASHER KIT

<u>PART #</u>	<u>CONTENTS</u>
30 482	10-12-14-16-18-20-22-24 mm 8 sizes, 110 pcs. GE-314



O-RING KIT

<u>PART #</u>	<u>CONTENTS</u>
30 477	BUNA-N rubber (NBR) 3 to 50mm I.D. 32 sizes, 419 pcs. ISSA # 81 30 72

30 468	VITON O-ring kit 2 to 20mm I.D. 30 sizes 180 pc.
---------------	---

O-RING SPLICING KIT

<u>PART #</u>	<u>CONTENTS</u>
30 481	1.6-1.9-2.4-3.0-3.5-5.7-8.4 mm 7 sizes. Cutting block, marker, knife

ISSA # 81 30 70



O-RING WAREHOUSE KIT

This 18 compartment kit has a wide variety of O-ring sizes. The box is a multi-drawer unit made of sturdy styrene plastic 15"W x 18"H x 6"D. 150 sizes, 1110 pc

<u>PART #</u>	<u>CONTENTS</u>
30 463	BUNA-N rubber (NBR) Sizes: 001 to 932,
30 462	VITON Sizes: 001 to 932



METRIC ASSORTMENT KITS

Solid transparent box with easy to read label, a conveniently arranged table of content and a lockable lid.



HEX BOLT W/NUTS, PLATED

<u>PART #</u>	<u>CONTENTS</u>
30 469	4x16mm to 8x40mm 12 sizes, 216 pc. total
30 465	5x20mm to 12x50mm 15 sizes, 316 pc. total



HEX BOLT W/NUTS, S.S.

<u>PART #</u>	<u>CONTENTS</u>
30 466	4x16mm to 8x40mm 12 sizes, 216 pc. total
30 467	5x20mm to 12x50mm 15 sizes, 316 pc. total



SELF-TAPPING SCREWS, PLATED

<u>PART #</u>	<u>CONTENTS</u>
30 470	3x10mm to 6x25mm 8 sizes, 365 pc. total



COTTER PINS, STEEL

<u>PART #</u>	<u>CONTENTS</u>
30 478	2.5x25mm to 5x50mm 6 sizes, 495 pc. total



TAPER PINS, STEEL

<u>PART #</u>	<u>CONTENTS</u>
30 483	2 X 12mm to 6x40mm 18 sizes, 345 pc. total

METRIC ASSORTMENT KITS

Solid transparent box with easy to read label, a conveniently arranged table of content and a lockable lid.



SPRING TENSION PINS, STEEL

<u>PART #</u>	<u>CONTENTS</u>
30 471	2x20 to 8X50 mm 16 sizes, 300 pcs. GE-208



RETAINING RING KITS

<u>PART #</u>	<u>CONTENTS</u>
30 475	Internal: 20-45 mm 8 sizes, 250 pcs. GE-281
30 476	External: 20-45 mm 8 sizes, 250 pcs. GE-280
30 480	Internal & External: 8-15 mm 7 sizes, 625 pcs. GE-266



E-TYPE RETAINING RING KIT

<u>PART #</u>	<u>CONTENTS</u>
30 479	2.5-12 mm 9 sizes, 1300 pcs. GE-261



GREASE FITTINGS

<u>PART #</u>	<u>CONTENTS</u>
41 207	Metric 6,8,10 & 12mm 12 sizes, 140 pc. total
41 208	B.S.P. 1/8", 1/4" & 3/8" B.S.P. 12 sizes, 218 pc. total

COPPER WASHERS



COPPER WASHERS

Annealed, 100% copper, DIN 7603-A

<u>PART #</u>	<u>I.D.</u>	<u>O.D.</u>	<u>THICKNESS</u>
30 490	M4	M8	1mm
30 491	M6	M10	1mm
30 494	M6	M12	1mm
30 492	M8	M12	1mm
30 497	M8	M14	1mm
30 498	M10	M14	1mm
30 493	M10	M16	1mm
30 495	M12	M16	1.5mm
30 496	M12	M18	1.5mm
30 499	M14	M18	1.5mm
30 501	M14	M20	1.5mm
30 500	M16	M20	1.5mm
30 502	M16	M22	1.5mm
30 504	M17	M25	2mm
30 506	M18	M24	1.5mm
30 507	M20	M26	1.5mm
30 508	M22	M27	1.5mm
30 509	M24	M30	2mm
30 510	M26	M32	2mm
30 511	M28	M34	2mm
30 512	M30	M36	2mm
30 513	M32	M40	2mm
30 514	M35	M45	2mm



COPPER WASHER KITS

PART # **30 472**

CONTENTS
6-8-10-12-14-16-18-20 mm
8 sizes, 240 pcs.
GE-227

ISSA # 81 30 80

30 473

4-6-8-10-12-14-16-18
20-22-24-26-28-30 mm
29 sizes, 530 pcs.
GE-727