

NON-MAGNETIC HARDWARE



Due to the severe non-magnetism requirements in the magnetic resonance industries, we use only high purity metals that exhibit no measurable magnetism. Commercial brass is simply not acceptable for these applications. Our strict traceability and testing regimes insure this essential parameter.

We can offer sizes, styles, and lengths beyond those shown in the tables on these pages – such as Cheese Head, Round Head, and set screws. We also offer flat washers to complete your needs.

PAN HEAD	
Voltronics	Length
P/N	2-56
48-109	5/64"
48-107	3/32"
48-105	3/16"
48-100	1/25"
48-106	5/16"
48-101	3/8"
48-102	1/2"
48-101	5/8"
48-104	3/4"
48-108	1"
48-500	Hex Nut

PAN HEAD		4-40
48-115	3/16"	
48-110	1/4"	
48-116	5/16"	
48-111	3/8"	
48-112	1/2"	
48-117	5/8"	
48-113	3/4"	
48-114	1"	
48-118	2"	
48-501	Hex Nut	

PAN HEAD		6-32
48-120	1/4"	
48-124	3/16"	
48-121	3/8"	
48-122	1/2"	
48-123	3/4"	
48-125	1"	
48-502	Hex Nut	

PAN HEAD		10-32
48-140	1/4"	
48-141	3/8"	
48-142	1/2"	
48-143	5/8"	
48-144	3/4"	
48-145	1"	
48-505	Hex Nut	

PAN HEAD		8-32
48-130	1/4"	
48-131	3/8"	
48-132	1/2"	
48-133	3/4"	
48-503	Hex Nut	

PAN HEAD		1/4-20
48-150	3/8"	
48-152	1/2"	
48-151	1"	
48-153	1-1/4"	
48-506	Hex Nut	

PAN HEAD		M2.5 x .45
48-310	8	
48-601	Hex Nut	

PAN HEAD – Metric		
Voltronics	Length (mm)	
P/N	M2 x .4	
48-300	6	
48-301	12	
48-302	16	
48-600	Hex Nut	

PAN HEAD		M3 x .5
48-320	5	
48-321	6	
48-322	7.5	
48-323	8	
48-324	10	
48-325	12	
48-326	16	
48-327	20	
48-602	Hex Nut	

PAN HEAD		M4 x .7
48-330	8	
48-331	10	
48-332	12	
48-333	16	
48-334	20	
48-335	25	
48-603	Hex Nut	

PAN HEAD		M5 x .8
48-340	8	
48-341	10	
48-342	12	
48-343	16	
48-344	20	
48-345	25	
48-604	Hex Nut	

Every NMR and MRI Environment
Depends on Non-Magnetic Materials

**Voltronics Guarantees Totally Non-Magnetic Materials,
Delivered on Time, Everytime!**

NON-MAGNETIC HARDWARE



FLAT HEAD	4-40
48-210	1/4"
48-216	5/16"
48-211	3/8"
48-212	1/2"
48-213	3/4"
48-214	1"
48-215	1-1/4"
48-501	Hex Nut

FLAT HEAD	8-32
48-230	3/8"
48-231	1/2"
48-232	5/8"
48-233	3/4"
48-503	Hex Nut

FLAT HEAD – Metric	
Voltronics	Length (mm)
P/N	M2 x .4
48-400	5
48-401	10
48-600	Hex Nut

FLAT HEAD	M4 x .7
48-420	8
48-421	10
48-422	12
48-423	16
48-424	20
48-603	Hex Nut

FLAT HEAD	
Voltronics	Length
P/N	2-56
48-205	9/64"
48-203	3/16"
48-200	1/4"
48-204	3/8"
48-201	1/2"
48-202	1"
48-500	Hex Nut

FLAT HEAD	6-32
48-220	1/4"
48-221	3/8"
48-228	7/16"
48-222	1/2"
48-223	3/4"
48-224	1"
48-225	1-1/4"
48-229	1-3/8"
48-226	1-1/2"
48-227	1-3/4"
48-502	Hex Nut

FLAT HEAD	10-32
48-240	3/8"
48-241	1/2"
48-242	5/8"
48-243	3/4"
48-244	1"
48-245	1-1/4"
48-505	Hex Nut

FLAT HEAD	M3 x .5
48-415	6
48-410	8
48-411	10
48-412	12
48-413	16
48-414	20
48-602	Hex Nut

FLAT HEAD	M5 x .8
48-430	8
48-431	10
48-432	12
48-433	16
48-434	20
48-435	25
48-604	Hex Nut

FLAT HEAD	1/4-20
48-250	3/4"
48-506	Hex Nut

Coils also require inserts, pins, and other special shapes that are custom-designed to satisfy the specific requirements of the coil designer. The ability to quickly and precisely supply custom designs is part of our heritage and we are eager to sample our high quality hardware based on your requirements. As with the screws, washers, and nuts on this and the preceding page, we use only high purity metals that exhibit no measurable magnetism.

