



Fasteners, Cutting Tools, and Shop Supplies

Chapter 8 METRIC FASTENERS

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Section 8: Metric

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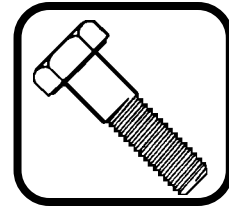
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FAS-KIT[®]

8

METRIC HEX CAP SCREWS

COARSE THREAD

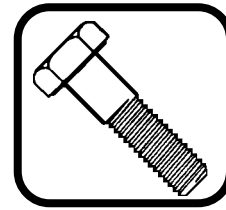


Dia	Length	Part #	Qty
3 mm -.50	10	33090	100
	12	33091	100
	16	33092	100
	20	33093	100
	25	33094	100
	30	33095	100
4 mm -.70	8	33106	100
	10	33107	100
	12	33108	100
	16	33109	100
	18	33110	100
	20	33111	100
	22	33112	100
	25	33113	100
	30	33114	100
	35	33114A	100
	40	33114B	100
45	33114C	100	
50	33114D	100	
5 mm -.80	10	33115	100
	12	33116	100
	16	33117	100
	18	33118	100
	20	33119	100
	22	33120	100
	25	33121	100
	30	33122	100
	35	66001	50
	40	66002	50
	45	66003	50
	50	66004	50
	60	66005	25
70	66006	25	
6 mm -1.00	10	14640	100
	12	14641	100
	16	14642	100
	20	14643	100
	22	14644	100

Dia	Length	Part #	Qty
6 mm -1.00	25	14645	100
	30	14646	100
	35	14647	50
	40	14648	50
	45	14649	50
	50	14650	50
	60	66007	25
	70	66008	25
	80	66009	25
	90	66010	25
	100	66011	25
7 mm -1.00	12	14651	50
	16	14652	50
	20	14653	50
	25	14655	50
	30	14656	50
	35	14657	50
	40	14658	50
	45	14659	50
	50	14660	50
8 mm -1.25	12	14661	50
	16	14662	50
	20	14663	50
	22	14664	50
	25	14665	50
	30	14666	50
	35	14667	50
	40	14668	50
	45	14669	50
	50	14670	50
	55	66012	25
	60	66013	25
	70	66014	25
	75	66015	25
	80	66016	25
90	66017	25	
100	66018	25	
110	66018A	25	
120	66018B	25	

METRIC HEX CAP SCREWS

COARSE THREAD



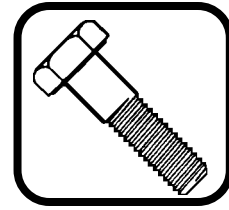
Dia	Length	Part #	Qty
10 mm - 1.50	16	14672	25
	20	14673	25
	22	14674	25
	25	14675	25
	30	14676	25
	35	14677	25
	40	14678	25
	45	14679	25
	50	14680	25
	55	14680A	25
	60	66019	25
	65	66019A	25
	70	66020	25
	75	66021	25
	80	66022	25
90	66023	25	
100	66024	25	
110	66024A	25	
120	66024B	25	
130	66024C	25	
140	66024D	25	
150	66024E	25	
12 mm - 1.75	20	14681	25
	25	14682	25
	30	14683	25
	35	14684	25
	40	14685	25
	45	14686	25
	50	14687	25
	55	14688	25
	60	14689	25
	65	66025	25
	70	66026	25
	75	66027	25
	80	66028	25
	90	66029	25
	100	66030	25
110	66031	10	
120	66032	10	
130	66033	10	
140	66034	10	
150	66034A	10	

Dia	Length	Part #	Qty
14 mm - 2.00	20	14690	25
	25	14691	25
	30	14692	25
	35	14693	25
	40	14694	25
	45	14695	25
	50	14696	25
	55	14697	25
	60	14698	25
	65	14699	25
	70	14700	25
	75	14701	25
	80	66035	25
	90	66036	25
	100	66037	25
110	66038	10	
120	66039	10	
16 mm - 2.00	20	14702	25
	25	14703	25
	30	14704	25
	35	14705	25
	40	14706	25
	45	14707	25
	50	14708	25
	55	14709	25
	60	14710	25
	65	14711	25
	70	14712	25
	75	14713	25
	80	66040	25
	90	66041	25
	100	66042	25
110	66043	10	
120	66044	10	
130	66045	10	
140	66046	10	
150	66047	10	

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METRIC HEX CAP SCREWS

COARSE THREAD

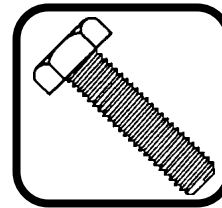


Dia	Length	Part #	Qty
18 mm - 2.50	30	66091	25
	35	66092	25
	40	66093	25
	45	66094	25
	50	66095	20
	55	66096	20
	60	66097	20
	65	66098	20
	70	66099	15
	75	66100	15
	80	66101	15
	85	66102	15
	90	66103	15
	100	66104	15
	110	66105	10
	120	66106	10
	130	66107	10
140	66108	10	
150	66109	10	
20 mm - 2.50	40	66113	20
	45	66114	20
	50	66115	20
	55	66116	20
	60	66117	20
	65	66118	20
	70	66119	15

Dia	Length	Part #	Qty
20 mm - 2.50	75	66120	15
	80	66121	15
	85	66122	15
	90	66123	10
	100	66124	10
	110	66125	10
	120	66126	10
	130	66127	10
	140	66128	10
150	66129	10	
24 mm - 3.00	45	66134	10
	50	66135	10
	55	66136	10
	60	66137	10
	65	66138	10
	70	66139	10
	75	66140	10
	80	66141	10
	90	66143	10
	100	66144	5
	110	66145	5
120	66146	5	
130	66147	5	
140	66148	5	
150	66149	5	

METRIC HEX CAP SCREWS

FINE THREAD
Plain Steel - Grade 8.8



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Dia	Length	Part #	Qty
8 mm - 1.00	16	14768A	25
	20	14768B	25
	25	14769	25
	30	14770	25
	35	14771	25
	40	14772	25
	45	14773	25
	50	14774	25
	60	14810	25
10 mm - 1.25	16	14815	25
	20	14774A	25
	25	14775	25
	30	14776	25
	35	14777	25
	40	14778	25
	45	14779	25
	50	14780	25
	60	66066	25
	70	66067	25
	80	66068	25
90	66069	25	
100	66070	25	
10 mm - 1.00 EXTRA FINE	16	14820	25
	20	14789A	25
	25	14790	25
	30	14791	25
	35	14792	25
	40	14793	25
	45	14794	25
	50	14795	25
60	14823	25	
12 mm - 1.50	20	14781	25
	25	14782	25
	30	14783	25
	35	14784	25
	40	14785	25
	45	14786	25
	50	14787	25

Dia	Length	Part #	Qty
12 mm - 1.50	55	14788	25
	60	14789	25
	65	66071	25
	70	66072	25
	75	66073	25
	80	66074	25
	90	66075	25
	100	66076	25
12 mm - 1.25 EXTRA FINE	20	14796	25
	25	14797	25
	30	14798	25
	35	14799	25
	40	14800	25
	45	14801	25
	50	14802	25
	55	14803	25
	60	14804	25
	65	66077	25
	70	66078	25
75	66079	25	
80	66080	25	
90	66081	25	
100	66082	25	
14 mm - 1.50	50	66083	25
	60	66084	25
	70	66085	25
	75	66086	25
	80	66087	25
	90	66088	25
	100	66089	25
16 mm - 1.50	50	66180	25
	60	66181	25
	70	66182	25
	75	66183	25
	80	66184	25
	90	66185	25
	100	66186	25

METRIC HEX NUTS

REGULAR, FINE & EXTRA FINE THREAD

Plating: Zinc



REGULAR

Size(mm)	Part #	Qty
2 x .40	14852	100
2.5 x .45	14853	100
3 x .50	35662	100
4 x .70	33123	100
5 x .80	33124	100
6 x 1.00	14714	100
7 x 1.00	14715	100
8 x 1.25	14716	100
9 x 1.25	14717	100
10 x 1.50	14718	50
11 x 1.50	14718A	50
12 x 1.75	14719	50
14 x 2.00	14720	25
16 x 2.00	14721	25
18 x 2.50	66151	15
20 x 2.50	66152	10
22 x 2.50	14857	5
24 x 3.00	66153	5

FINE & EXTRA FINE

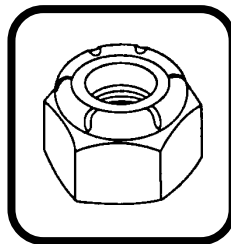
Size(mm)	Part #	Qty
8 x 1.00	14764	25
10 x 1.25	14765	25
10 x 1.00	14766	25
12 x 1.50	14767	25
12 x 1.25	14768	25
14 x 1.50	66090	25
16 x 1.50	14854	25
18 x 1.50	14854A	10
20 x 2.00	14855	10
20 x 1.50	14856	10

- » Engineered especially to match high torque requirements of 8.8 strength cap screws.
- » Manufactured on automatic nut forgers.
- » Cold formed for more dense grain structure.
- » Special high carbon steel.
- » Double heat treated.

REF: DIN 934

METRIC NYLON INSERT LOCKNUTS

Plating: Zinc



- » Manufactured from approved nut steel.
- » Nylon compression locking action.
- » Rustproof positive locking action.
- » Vibration proof.
- » Can be reused.
- » Class 2B thread before plating.

REGULAR

Size(mm)	Part #	Qty
3 x .50	15000	100
4 x .70	15001	100
5 x .80	15002	100
6 x 1.00	15003	100
8 x 1.25	15004	100
10 x 1.50	15005	50
12 x 1.75	15006	50
14 x 2.00	15007	50
16 x 2.00	15008	50

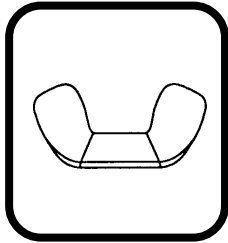
FINE & EXTRA FINE

Size(mm)	Part #	Qty
8 x 1.00	15009	25
10 x 1.25	15010	25
10 x 1.00	15014	25
12 x 1.50	15011	25
12 x 1.25	15015	25
14 x 1.50	15012	25
16 x 1.50	15013	25

REF: DIN 985

METRIC WING NUTS

Plating: Zinc

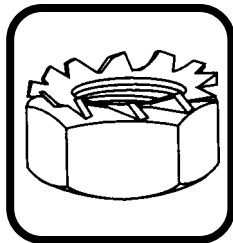


Size(mm)	Part #	Qty
5 x .800	03530	25
6 x 1.00	03531	25
8 x 1.25	03532	25
10 x 1.50	03533	25
12 x 1.75	03534	25

REF: DIN 315

METRIC KEP NUTS

Plating: Zinc



Size(mm)	Part #	Qty
3 x .50	03540	100
4 x .70	03541	100
5 x .80	03542	100
6 x 1.00	03543	100
8 x 1.25	03544	50
10 x 1.50	03545	50

REF: DIN 934 TW

METRIC LEFT HAND HEX NUT

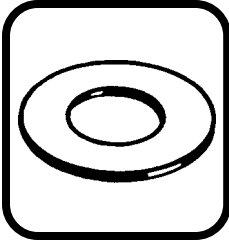


Size(mm)	Part #	Qty
5 x .80	03325	25
6 x 1.00	03326	25
8 x 1.25	03327	25
10 x 1.50	03329	25
10 x 1.25	03330	25
10 x 1.00	03331	25
12 x 1.75	03332	25
12 x 1.50	03333	25
12 x 1.25	03334	25

REF: DIN 934 L

METRIC FLAT & LOCK WASHERS

Plating: Zinc



FLAT WASHERS

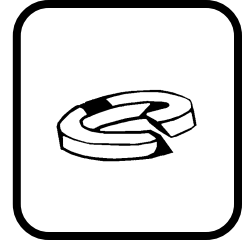
Size(mm)	Part #	Pkg
2	66170	100
3	35664	100
4	33127	100
5	33128	100
6	14730	100
7	14731	100
8	14732	100
10	14734	100
12	14735	50
14	14736	25
16	14737	25
18	66154	25
20	66155	25
24	66156	25
30	66165	25

REF: DIN 125

LOCKWASHERS

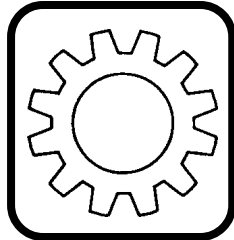
Size(mm)	Part #	Pkg
2	66171	100
3	35663	100
4	33125	100
5	33126	100
6	14722	100
7	14723	100
8	14724	100
10	14726	100
12	14727	50
14	14728	25
16	14729	25
18	66157	25
20	66158	25
24	66159	25
30	66160	25

REF: DIN 127 B



STAR LOCK WASHERS

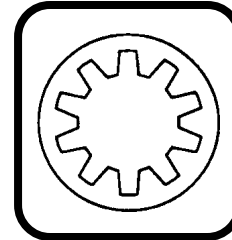
Spring Steel - Zinc Plated



EXTERNAL

Size(mm)	Part #	Thickness	Qty
3	03282	.0048	100
4	03283	.005	100
5	03284	.006	100
6	03285	.0078	100
8	03287	.01544	100
10	03288	.01976	50
12	03289	.0272	50

REF: DIN 6797A (EXTERNAL)



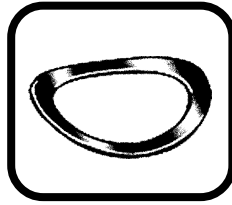
INTERNAL

Size(mm)	Part #	Thickness	Qty
3	03262	.0062	100
4	03263	.007	100
5	03264	.00784	100
6	03265	.0088	100
8	03267	.01544	100
10	03268	.02532	50
12	03269	.03068	50

REF: DIN 6797J (INTERNAL)

SPRING WASHERS

Spring Steel

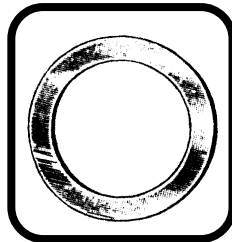


Size(mm)	Part #	Thickness	Qty
3	03300	.00815	100
4	03302	.009	100
5	03303	.009	100
6	03304	.01	100
8	03306	.0165	100
10	03307	.03375	50
12	03308	.054	50
14	03309	.1045	25
16	03310	.10945	25
18	03311	.17065	25
20	03312	.1806	25
22	03313	.29005	25

REF: DIN 137

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METRIC COPPER WASHERS

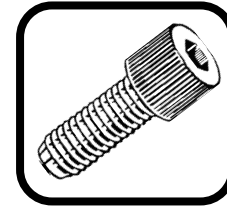


Bolt Size	ID (mm)	OD (mm)	Thickness (mm)	Part #	Qty
m6	6.2	9.8	0.8	A14865	50
m8	8.2	11.8	0.8	A14886	50
m10	10.2	15.8	0.8	A14887	50
m12	12.2	17.8	1.4	A14888	25
m14	14.2	17.8	1.4	A14869	25
m14	14.2	19.8	1.4	A14870	25
m16	16.2	19.8	1.4	A14871	25
m20	20.2	23.8	1.4	A14872	25

REF: DIN 7603

METRIC SOCKET HEAD CAP SCREWS

Alloy Steel



Dia	Length	Part #	Qty
3 mm - .50 2.5mm Key	5	66200	100
	6	66201	100
	8	66202	100
	10	66203	100
	12	66204	100
	14	66205	100
	16	66206	100
	20	66207	100
	25	66208	100
	30	66209	100
4 mm - .70 3.0mm Key	6	66210	100
	8	66211	100
	10	66212	100
	12	66213	100
	14	66214	100
	16	66215	100
	18	66216	100
	20	66217	100
	25	66218	100
	30	66219	100
5 mm - .80 4.0mm Key	35	66220	100
	40	66221	100
	45	66222	100
	50	66223	100
	6	66224	100
	8	66225	100
	10	66226	100
	12	66227	100
	14	66228	100
	15	66229	100
16	66230	100	
18	66231	100	
20	66232	100	
22	66233	100	
25	66234	100	
30	66235	100	
35	66236	100	
40	66237	100	
45	66238	100	
50	66240	100	

Dia	Length	Part #	Qty
6 mm -1.00 5.0mm Key	10	66241	100
	12	66242	100
	14	66243	100
	16	66244	100
	20	66245	100
	22	66246	100
	25	66247	100
	30	66248	100
	35	66249	100
	40	66250	100
	45	66251	100
	50	66252	100
	55	66253	100
	60	66254	100
	65	66255	100
	70	66256	100
	75	66257	100
80	66258	100	
90	66259	100	
100	66260	100	
8 mm -1.25 6.0mm Key	12	66261	100
	16	66262	100
	20	66263	100
	25	66264	100
	30	66265	100
	35	66266	100
	40	66267	100
	45	66268	100
	50	66269	100
	55	66270	100
	60	66271	100
	65	66272	100
	70	66273	100
	75	66274	100
	80	66275	100
	90	66276	100
	100	66277	100

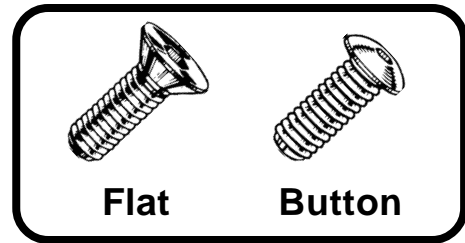
Dia	Length	Part #	Qty
10 mm -1.50 8.0mm Key	16	66278	100
	20	66279	100
	25	66280	100
	30	66281	100
	35	66282	100
	40	66283	100
	45	66284	100
	50	66285	100
	55	66286	100
	60	66287	50
	65	66288	50
	70	66289	50
	75	66290	50
	80	66291	50
	90	66292	50
100	66293	50	
12 mm -1.75 10.0mm Key	20	66294	50
	25	66295	50
	30	66300	50
	35	66301	50
	40	66302	50
	45	66303	50
	50	66304	50
	55	66305	50
	60	66306	50
	65	66307	50
	70	66308	25
	75	66309	25
80	66310	25	
90	66311	25	
100	66312	25	

8

METRIC SOCKET CAP SCREWS

FLAT HEAD & BUTTON HEAD

Alloy Steel



Dia	Length	Part #		Qty
		Flat	Button	
3 mm - .50 2.0mm Key	6	66360	66330	100
	8	66361	66331	100
	10	66362	66332	100
	12	66363	66333	100
	15	66364	—	100
	16	66365	66334	100
4 mm - .70 2.5mm Key	8	66367	66335	100
	10	66368	66336	100
	12	66369	66337	100
	16	66370	66338	100
	20	66371	—	100
	25	66372	—	100
	30	66373	—	100
	35	66374	—	100
40	66375	—	100	
5 mm - .80 3.0mm Key	10	66376	66339	100
	12	66377	66340	100
	14	66378	—	100
	16	66379	66341	100
	20	66380	66342	100
	25	66381	66343	100
	30	66382	66344	100
	35	66383	—	100
	40	66384	—	100

Dia	Length	Part #		Qty
		Flat	Button	
6 mm - 1.00 4.0mm Key	10	66385	66345	100
	12	66386	66346	100
	14	66387	—	100
	16	66388	66347	100
	20	66389	66348	100
	25	66390	66349	100
	30	66391	66350	100
	35	66392	—	100
40	66393	—	100	
8 mm - 1.25 5.0mm Key	12	66394	—	100
	16	66395	66352	100
	20	66396	66353	100
	25	66397	66354	100
	30	66398	66355	100
	35	66399	—	100
	40	66400	—	100
	10 mm - 1.50 6.0mm Key	16	66401	—
20		66402	66356	100
25		66403	66357	100
30		66404	66358	100
35		66405	—	100
40		66406	66359	100
45		66407	—	100
50		66408	—	100

METRIC SOCKET SET SCREWS - CUP POINT

Alloy Steel



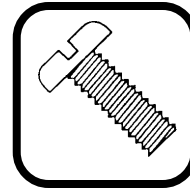
Dia	Length	Part #	Qty
3 mm - .50 1.5mm Key	3	66420	100
	4	66421	100
	5	66422	100
	6	66423	100
	8	66424	100
	10	66425	100
	12	66426	100
4 mm - .70 2.0mm Key	4	66427	100
	5	66428	100
	6	66429	100
	8	66430	100
	10	66431	100
	12	66432	100
	16	66433	100
5 mm - .80 2.5mm Key	5	66434	100
	6	66435	100
	8	66436	100
	10	66437	100
	12	66438	100
	16	66439	100
	20	66440	100
	25	66441	100

Dia	Length	Part #	Qty
6 mm - 1.00 3.0mm Key	6	66442	100
	8	66443	100
	10	66444	100
	12	66445	100
	16	66446	100
	20	66447	100
	25	66448	100
8 mm - 1.25 4.0mm Key	8	66449	100
	10	66450	100
	12	66451	100
	16	66452	100
	20	66453	100
	25	66454	100
10 mm - 1.50 5.0mm Key	10	66455	100
	12	66456	100
	16	66457	100
	20	66458	100
	25	66459	100
12 mm - 1.75 6.0mm Key	12	66460	100
	16	66461	100
	20	66462	100
	25	66463	100
	30	66464	100

METRIC MACHINE SCREWS

SLOTTED PAN HEAD

4.8 Steel - Zinc Plated



Dia	Length	Part #	Qty
3 mm - .50	6	35705	100
	8	35706	100
	10	35707	100
	12	35708	100
	16	35709	100
	20	35710	100
4 mm - .70	5	35712	100
	6	35713	100
	8	35714	100
	10	35715	100
	12	35716	100
	16	35717	100
	18	35718	100
	20	35719	100
	25	35721	100
	30	35722	100
35	35723	100	
5 mm - .80	8	35725	100
	10	35726	100
	12	35727	100
	16	35728	100
	18	35729	100
	20	35730	100
	25	35732	100
	30	35733	100
	35	35734	100

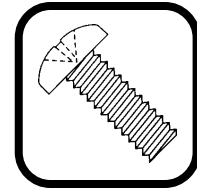
Dia	Length	Part #	Qty
6 mm - 1.00	8	35735	100
	10	35736	100
	12	35737	100
	16	35738	100
	18	35739	100
	20	35740	100
	25	35742	100
	35	35744	100
	30	35745	100
	40	35746	100
45	35747	100	
8 mm - 1.25	16	35748	100
	20	35749	100
	25	35750	100
	30	35751	100
	35	35752	100
	40	35753	100
	45	35754	100
10 mm - 1.50	16	35755	100
	20	35756	100
	25	35757	100
	30	35758	100
	35	35759	100
	40	35760	100
	45	35761	100

» Manufactured to DIN 85/ISO 1580/ANSI B18.6.7.m Specifications.

METRIC MACHINE SCREWS

PHILLIPS PAN HEAD

4.8 Steel - Zinc Plated



Dia	Length	Part #	Qty
3 mm - .50	6	35605	100
	8	35606	100
	10	35607	100
	12	35608	100
	16	35609	100
	20	35610	100
	25	35611	100
4 mm - .70	5	35612	100
	6	35613	100
	8	35614	100
	10	35615	100
	12	35616	100
	16	35617	100
	18	35618	100
	20	35619	100
	25	35621	100
	30	35622	100
35	35623	100	
5 mm - .80	8	35625	100
	10	35626	100
	12	35627	100
	16	35628	100
	18	35629	100
	20	35630	100
	25	35632	100
	30	35633	100
	35	35634	100

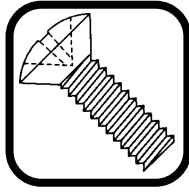
Dia	Length	Part #	Qty
6 mm - 1.00	8	35635	100
	10	35636	100
	12	35637	100
	16	35638	100
	18	35639	100
	20	35640	100
	25	35642	100
	30	35644	100
	35	35645	100
	40	35646	100
	45	35647	100
8 mm - 1.25	16	35648	100
	20	35649	100
	25	35650	100
	30	35651	100
	35	35652	100
	40	35653	100
	45	35654	100
10 mm - 1.50	16	35655	100
	20	35656	100
	25	35657	100
	30	35658	100
	35	35659	100
	40	35660	100
	45	35661	100

» Manufactured to DIN 7985/ISO 7045/ANSI B18.6.7.m Specifications.

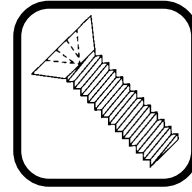
METRIC MACHINE SCREWS

PHILLIPS OVAL HEAD AND FLAT HEAD

Plating: Zinc



Oval Head



Flat Head

Dia	Length	Part #		Qty
		Oval	Flat	
3 mm -.50	6	61000	61050	50
	8	61001	61051	50
	10	61002	61052	50
	12	61003	61053	50
	16	61004	61054	50
	20	61005	61055	50
	25	61006	61056	50
4 mm -.70	6	61007	61057	50
	8	61008	61058	50
	10	61009	61059	50
	12	61010	61060	50
	16	61011	61061	50
	18	61012	61062	50
	20	61013	61063	50
	25	61014	61064	50
	30	61015	61065	50
	35	61016	61066	50
	40	61017	61067	50
5 mm -.80	8	61018	61068	50
	10	61019	61069	50
	12	61020	61070	50
	16	61021	60171	50
	18	61022	61072	50
	20	61023	61073	50
	25	61024	61074	50

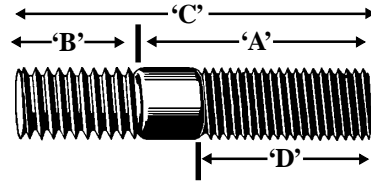
Dia	Length	Part #		Qty
		Oval	Flat	
5 mm -.80	30	61025	61075	50
	35	61026	61076	50
	40	61027	61077	50
	45	61028	61078	50
	50	61029	61079	50
6 mm -1.00	10	61030	61080	50
	12	61031	61081	50
	16	61032	61082	50
	20	61033	6103	50
	25	61034	61084	50
	35	61035	61085	50
	30	61036	61086	50
	40	61037	61087	50
	45	61038	61088	50
	50	61039	61089	50
8 mm -1.25	60	61040	61090	50
	16	61041	61091	25
	20	61042	61092	25
	25	61043	61093	25
	30	61044	61094	25
	35	61045	61095	25
	40	61046	61096	25
	45	61047	91097	25
50	61048	61098	25	

8

METRIC STUDS

MILD STEEL 5.8

Regular Pitch - Plain Finish



Part #	A Dia & Length	B Dia & Length	D Length (mm)	C OAL (mm)	Qty
A11973	6mm - 1.00 x 20mm	6mm - 1.00 x 7.5mm	18	27.5	10
A11974	6mm - 1.00 x 25mm	6mm - 1.00 x 7.5mm	18	32.5	10
A11980	8mm - 1.25 x 20mm	8mm - 1.25 x 10mm	22	30.0	10
A11981	8mm - 1.25 x 25mm	8mm - 1.25 x 10mm	22	35.0	10
A11982	8mm - 1.25 x 30mm	8mm - 1.25 x 10mm	22	40.0	10
A11983	8mm - 1.25 x 35mm	8mm - 1.25 x 10mm	22	45.0	10
A11984	8mm - 1.25 x 40mm	8mm - 1.25 x 10mm	22	50.0	10
A11987	8mm - 1.25 x 55mm	8mm - 1.25 x 10mm	22	65.0	10
A11989	10mm - 1.50 x 30mm	10mm - 1.50 x 12mm	26	42.0	10
A11990	10mm - 1.50 x 35mm	10mm - 1.50 x 12mm	26	47.0	10
A11991	10mm - 1.50 x 40mm	10mm - 1.50 x 12mm	26	52.0	10
A11993	10mm - 1.50 x 50mm	10mm - 1.50 x 12mm	26	62.0	10
A11995	10mm - 1.50 x 60mm	10mm - 1.50 x 12mm	26	72.0	10
A11998	12mm - 1.75 x 30mm	12mm - 1.75 x 15mm	30	45.0	10

SPECIALTY STUDS

Part #	Diameter	B Dia & Length	D Length (mm)	OAL (mm)	Qty
A11403	8mm - 1.25	Volkswagon Exhaust Manifold		38	25
A11404	8mm - 1.25	Volkswagon Intake Manifold (Full Thread)		35	25
A18514	8mm - 1.25	8mm - 1.25 x 17mm	20	50	25
A17559	10mm - 1.25	10mm - 1.25 x 21mm	10	42	10
A17560	10mm - 1.25	10mm - 1.25 x 15mm	25	48	10
A17596	12mm - 1.25	Catalytic Converter Mazda (Full Thread)		50	5

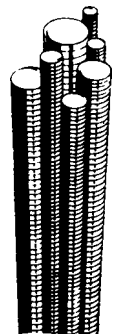
8

METRIC THREAD ROD

PLAIN STEEL

Regular Pitch

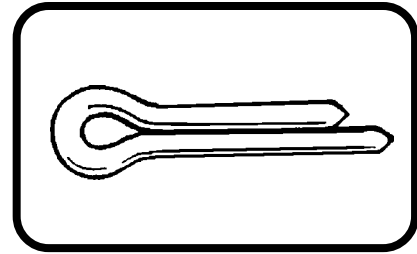
Dia	Length	Part #	Qty
4mm - .70	1 meter -39"	07780	1
5mm - .80	1 meter -39"	07781	1
6mm -1.00	1 meter -39"	07782	1
8mm - 1.25	1 meter -39"	07784	1
10mm -1.50	1 meter -39"	07785	1
12mm - 1.75	1 meter -39"	07786	1
14mm - 2.00	1 meter -39"	07787	1
16mm -2.00	1 meter -39"	07788	1



REF: DIN 975

METRIC COTTER PINS

Steel - Zinc Plated



8

Dia	Length	Part #	Qty
1.6 mm	8	03201	100
	14	03202	100
	20	03203	100
	25	03204	100
	32	03205	100
2 mm	10	03209	100
	14	03210	100
	20	03211	100
	25	03214	100
	32	03215	100
	40	03216	100
2.5 mm	14	03217	100
	20	03219	100
	25	03220	100
	32	03223	100
	40	03224	100
	50	03225	100
3.2 mm	20	03225A	100
	25	03226	100
	32	03227	100
	40	03228	100
	50	03229	100

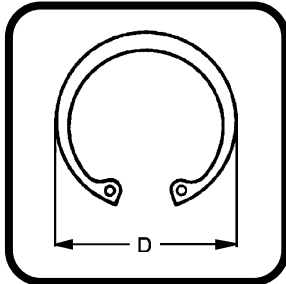
Dia	Length	Part #	Qty
4 mm	20	03229A	100
	25	03230	100
	32	03232	100
	40	03233	100
	45	03234	50
	50	03235	50
	63	03236	50
5 mm	32	03237	50
	40	03240	50
	45	03241	50
	50	03242	50
	63	03243	50
	71	03244	50
6.3 mm	40	03245	50
	45	03246	50
	50	03247	50
	63	03248	50
	71	03248A	50
	80	03249	50
	10 mm	50	03251
63		03252	25
71		03253	25
80		03254	25
90		03255	25
100		03256	25

» Manufactured to DIN 94/ISO 1234 Specifications.

METRIC RETAINING RINGS

INTERNAL

Spring Steel Phosphated



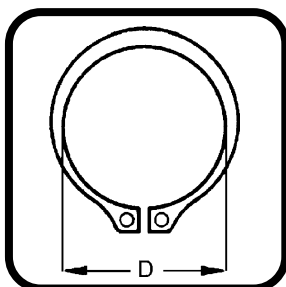
Part #	Size(mm)	D Free O.D.(mm)	Qty
10000	8	8.7	50
10001	9	9.8	50
10002	10	10.8	50
10003	11	11.8	50
10004	12	13	25
10005	14	15.1	25
10006	16	17.3	25
10007	18	19.5	25
10008	20	21.5	25
10009	24	25.9	25
10010	28	30.1	25
10011	32	32.1	25

REF: DIN 472

METRIC RETAINING RINGS

EXTERNAL

Spring Steel Phosphated



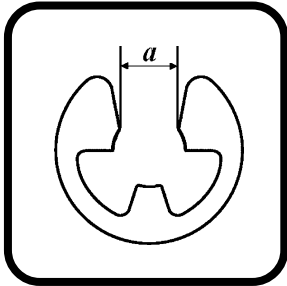
Part #	Size(mm)	D Free I.D.(mm)	Qty
10015	5	4.7	50
10016	6	5.6	50
10017	8	7.4	50
10018	9	8.4	50
10019	10	9.3	50
10020	11	10.2	50
10021	12	11	25
10022	14	12.9	25
10023	16	14.7	25
10024	18	16.5	25
10025	20	23.2	25
10026	24	23.2	25

REF: DIN 471

METRIC RETAINING RINGS

E-RING CIRCLIPS

Spring Steel Hardened (HRC 46 to 55)



Part #	Size(mm)	a(mm)	Qty
10031	2.3	1.94	50
10032	3.2	2.70	50
10033	4	3.34	50
10034	5	4.11	50
10035	6	5.26	25
10036	7	5.84	25
10037	8	6.52	25
10038	9	7.63	25
10039	10	8.32	25
10040	12	10.45	15
10043	15	12.61	15
10047	19	15.92	10

REF: DIN 6799

METRIC GREASE FITTINGS

Ball Check Plated



06920

Qty: 15

6mm - 1.00, Straight
Overall Length: 14mm



06921

Qty: 15

6mm - 1.00, 45°
Overall Length: 22mm



06922

Qty: 15

6mm - 1.00, 90°
Overall Length: 18mm



06923

Qty: 10

8mm - 1.00, Straight
Overall Length: 15mm



06924

Qty: 10

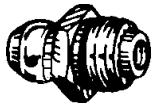
8mm - 1.00, 45°
Overall Length: 23mm



06925

Qty: 10

8mm - 1.00, 90°
Overall Length: 18mm



06926

Qty: 10

8mm - 1.25, Straight
Overall Length: 15mm



06927

Qty: 10

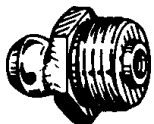
8mm - 1.25, 45°
Overall Length: 23mm



06928

Qty: 10

8mm - 1.25, 90°
Overall Length: 18mm



06929

Qty: 5

10mm - 1.00, Straight
Overall Length: 14mm



06930

Qty: 5

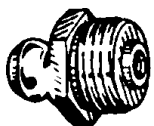
10mm - 1.00, 45°
Overall Length: 23mm



06931

Qty: 5

10mm - 1.00, 90°
Overall Length: 14mm



06932

Qty: 5

10mm - 1.50, Straight
Overall Length: 14mm



06933

Qty: 5

10mm - 1.50, 45°
Overall Length: 24mm



06934

Qty: 5

10mm - 1.50, 90°
Overall Length: 14mm



METRIC **FAS-KIT**[®] ASSORTMENTS



Plastic Box Assortments		
Part Number	Description	Number of Pieces
FK07000	Metric Hex Head Cap Screws - With Nuts & Washers	280
FK07100	Metric Ph Pan Head Mach Screws With Nuts	275
FK07150	Metric Socket Head Cap Screws	187
FK07200	Metric E-Type Retaining Rings	220
FK07205	Metric Internal & External Type Retaining Rings	360

Metal Tray Assortments			
Small Drawer	Large Drawer	Description	Number of Pieces
-	FK58200	Metric Hex Head Cap Screws - Coarse Pitch - Grade 8.8	520
FK18210	FK58210	Metric Hex Head Cap Screws - Small Sizes - Grade 8.8	805
-	FK58220	Metric Hex Head Cap Screws - With Nuts & Washers	655
FK18250	FK58250	Metric Hex Head Cap Screws - Fine Pitch - Grade 8.8	260
FK18255	FK58255	Metric Hex Head Cap Screws - Fine Pitch - With Nuts	305
FK18270	FK58270	J.I.S. Metric Hex Head Cap Screws - Grade 8.8	340
FK18300	FK58300	Metric Hex Nuts - Coarse & Fine (DIN 934 ZP)	625
FK18320	FK58320	Metric Hex Nuts & Elastic Stop Nuts - Steel Zinc Plated	340
FK18350	FK58350	Metric Elastic Stop Nuts - Steel Zinc Plated	450
FK18400	FK58400	Metric Nuts, Flat Washers & Lock Washers	925
FK18450	FK58450	Metric Flat & Lock Washers - Steel Zinc Plated	1250
FK18500	FK58500	Metric Phillips Pan Head Machine Screws - with Nuts	885
FK18550	FK58550	Metric Socket Head Cap Screws	720
FK18600	FK58600	Metric Socket Set Screws Cup Point	785
FK18610	FK58610	Metric Flat Socket Head Cap Screws	700
FK18620	FK58620	Metric Button Socket Head Cap Screws	700
FK18650	FK58650	Metric Cotter Pins - Extended Prong	770
FK18700	FK58700	Metric E-Type Retaining Rings	365
FK18750	FK58750	Metric Internal & External Type Retaining Rings	825
FK19200	FK59200	U-Nuts - USS & Metric	165
FK19450	FK59450	Metric Flange Lock Nuts	135
FK19650	FK59650	Metric Body Bolts	253
FK19950	FK59950	Metric Stud Assortment	60

40 Hole Bin Assortments		
Part Number	Description	Number of Pieces
FK90080	m5-m12 Hex Head Cap Screws - With Nuts & Washers	2315
FK90085	m14-m24 Hex Head Cap Screws - With Nuts & Washers	515

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