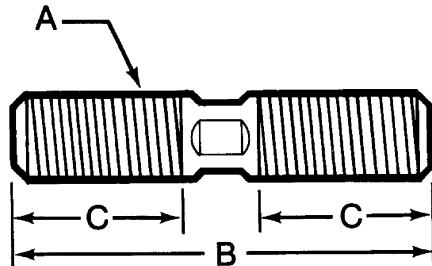


Driver Studs

- Black Oxide Finish
- Tensile Strength: 125,000 p.s.i. min
- Medium Carbon Steel
- Most studs have wrench flats
- Special lengths and sizes quoted upon request



Part No.	Thread A	B	C	Flats	Weight (lbs/100pcs)
40301	1/4-20	1-1/2	1/2	NO	2
40302	1/4-20	2	3/4	NO	3
40303	1/4-20	2-1/2	1	NO	3
40304	1/4-20	3	1	NO	4
40305	1/4-20	3-1/2	1	NO	4
40306	1/4-20	4	1	NO	5
40307	1/4-20	4-1/2	1	NO	6
40308	1/4-20	5	1	NO	6
40309	1/4-20	5-1/2	1	NO	7
40310	1/4-20	6	1	NO	8
40311	1/4-20	6-1/2	1	NO	8
40312	1/4-20	7	1	NO	9
40313	1/4-20	7-1/2	1	NO	9
40314	1/4-20	8	1	NO	10
40401	5/16-18	1-1/2	1/2	NO	3
40402	5/16-18	2	3/4	NO	4
40403	5/16-18	2-1/2	1	NO	5
40404	5/16-18	3	1-1/8	NO	6
40405	5/16-18	3-1/2	1-1/8	NO	7
40406	5/16-18	4	1-1/8	NO	8
40407	5/16-18	4-1/2	1-1/8	NO	9
40408	5/16-18	5	1-1/8	NO	10
40409	5/16-18	5-1/2	1-1/8	NO	11
40410	5/16-18	6	1-1/8	NO	12
40411	5/16-18	6-1/2	1-1/8	NO	13
40412	5/16-18	7	1-1/8	NO	14
40413	5/16-18	7-1/2	1-1/8	NO	16
40414	5/16-18	8	1-1/8	NO	16
40501	3/8-16	1-1/2	1/2	NO	4
40502	3/8-16	2	3/4	NO	6
40503	3/8-16	2-1/2	1	NO	8
40504	3/8-16	3	1	YES	10
40505	3/8-16	3-1/2	1-1/4	YES	12
40506	3/8-16	4	1-1/4	YES	13
40507	3/8-16	4-1/2	1-1/4	YES	16
40508	3/8-16	5	1-1/4	YES	18
40509	3/8-16	5-1/2	1-1/4	YES	21
40510	3/8-16	6	1-1/4	YES	23
40511	3/8-16	6-1/2	1-1/4	YES	25
40512	3/8-16	7	1-1/4	YES	27
40513	3/8-16	7-1/2	1-1/4	YES	29
40514	3/8-16	8	1-1/4	YES	31

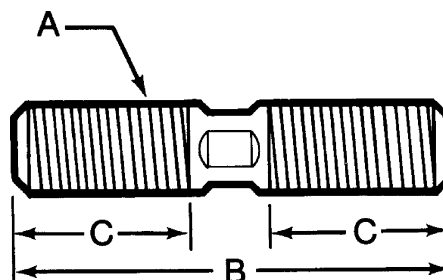
Part No.	Thread A	B	C	Flats	Weight (lbs/100pcs)
40601	7/16-14	1-1/2	1/2	NO	5
40602	7/16-14	2	3/4	NO	8
40603	7/16-14	2-1/2	1	NO	10
40604	7/16-14	3	1	YES	13
40605	7/16-14	3-1/2	1-1/4	YES	15
40606	7/16-14	4	1-3/8	YES	18
40607	7/16-14	4-1/2	1-3/8	YES	20
40608	7/16-14	5	1-3/8	YES	23
40609	7/16-14	5-1/2	1-3/8	YES	25
40610	7/16-14	6	1-3/8	YES	28
40611	7/16-14	6-1/2	1-3/8	YES	30
40612	7/16-14	7	1-3/8	YES	33
40613	7/16-14	7-1/2	1-3/8	YES	35
40614	7/16-14	8	1-3/8	YES	38
40701	1/2-13	1-1/2	1/2	NO	7
40702	1/2-13	2	3/4	NO	9
40703	1/2-13	2-1/2	1	NO	12
40704	1/2-13	3	1	YES	14
40705	1/2-13	3-1/2	1-1/4	YES	17
40706	1/2-13	4	1-1/2	YES	19
40707	1/2-13	4-1/2	1-1/2	YES	22
40708	1/2-13	5	1-1/2	YES	24
40709	1/2-13	5-1/2	1-1/2	YES	27
40710	1/2-13	6	1-1/2	YES	29
40711	1/2-13	6-1/2	1-1/2	YES	32
40712	1/2-13	7	1-1/2	YES	34
40713	1/2-13	7-1/2	1-1/2	YES	37
40714	1/2-13	8	1-1/2	YES	39
40715	1/2-13	9	1-1/2	YES	44
40716	1/2-13	10	1-1/2	YES	49
40717	1/2-13	12	1-1/2	YES	59
40718	1/2-13	14	1-1/2	YES	69
40719	1/2-13	16	1-1/2	YES	79
40801	5/8-11	1-1/2	1/2	NO	12
40802	5/8-11	2	3/4	NO	16
40803	5/8-11	2-1/2	1	NO	19
40804	5/8-11	3	1	YES	23
40805	5/8-11	3-1/2	1-1/4	YES	27
40806	5/8-11	4	1-1/2	YES	31
40807	5/8-11	4-1/2	1-3/4	YES	34
40808	5/8-11	5	1-3/4	YES	38
40809	5/8-11	5-1/2	1-3/4	YES	42
40810	5/8-11	6	1-3/4	YES	46
40811	5/8-11	6-1/2	1-3/4	YES	49
40812	5/8-11	7	1-3/4	YES	53
40813	5/8-11	7-1/2	1-3/4	YES	57
40814	5/8-11	8	1-3/4	YES	61
40815	5/8-11	9	1-3/4	YES	68
40816	5/8-11	10	1-3/4	YES	76
40817	5/8-11	12	1-3/4	YES	91
40818	5/8-11	14	1-3/4	YES	106
40819	5/8-11	16	1-3/4	YES	121
40820	5/8-11	18	1-3/4	YES	136
40821	5/8-11	20	1-3/4	YES	161
40822	5/8-11	22	1-3/4	YES	176
40823	5/8-11	24	1-3/4	YES	201

(Driver Studs continued on page10)

TOOLING COMPONENTS



Driver Studs (continued)



Part No.	Thread A	B	C	Flats	Weight (lbs/100pcs)
40901	3/4-10	3	1	YES	32
40902	3/4-10	3-1/2	1-1/4	YES	38
40903	3/4-10	4	1-1/2	YES	43
40904	3/4-10	4-1/2	1-3/4	YES	49
40905	3/4-10	5	2	YES	54
40906	3/4-10	5-1/2	2	YES	60
40907	3/4-10	6	2	YES	66
40908	3/4-10	6-1/2	2	YES	71
40909	3/4-10	7	2	YES	77
40910	3/4-10	7-1/2	2	YES	83
40911	3/4-10	8	2	YES	88
40912	3/4-10	9	2	YES	99
40913	3/4-10	10	2	YES	111
40914	3/4-10	12	2	YES	133
40915	3/4-10	14	2	YES	156
40916	3/4-10	16	2	YES	178
40917	3/4-10	18	2	YES	201
40918	3/4-10	20	2	YES	223
40919	3/4-10	22	2	YES	246
40920	3/4-10	24	2	YES	268
41001	7/8-9	3	1	YES	43
41002	7/8-9	3-1/2	1-1/4	YES	49
41003	7/8-9	4	1-1/2	YES	56
41004	7/8-9	4-1/2	1-3/4	YES	62
41005	7/8-9	5	2	YES	78
41006	7/8-9	5-1/2	2-1/4	YES	84
41007	7/8-9	6	2-1/4	YES	88
41008	7/8-9	6-1/2	2-1/4	YES	97
41009	7/8-9	7	2-1/4	YES	103
41010	7/8-9	7-1/2	2-1/4	YES	109
41011	7/8-9	8	2-1/4	YES	116
41012	7/8-9	9	2-1/4	YES	128
41013	7/8-9	10	2-1/4	YES	141
41014	7/8-9	12	2-1/4	YES	166
41015	7/8-9	14	2-1/4	YES	191
41016	7/8-9	16	2-1/4	YES	216
41017	7/8-9	18	2-1/4	YES	241
41018	7/8-9	20	2-1/4	YES	266
41019	7/8-9	22	2-1/4	YES	291
41020	7/8-9	24	2-1/4	YES	316

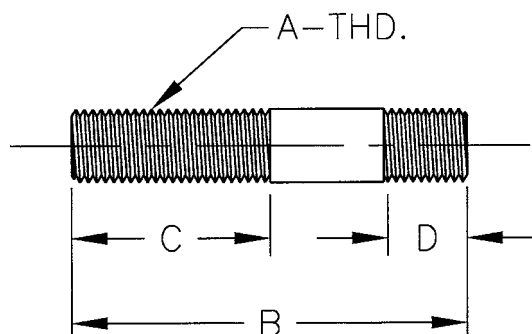
Part No.	Thread A	B	C	Flats	Weight (lbs/100pcs)
41101	1-8	3	1	YES	58
41102	1-8	3-1/2	1-1/4	YES	67
41103	1-8	4	1-1/2	YES	76
41104	1-8	4-1/2	1-3/4	YES	86
41105	1-8	5	2	YES	95
41106	1-8	5-1/2	2-1/4	YES	104
41107	1-8	6	2-1/2	YES	114
41108	1-8	6-1/2	2-1/2	YES	123
41109	1-8	7	2-1/2	YES	133
41110	1-8	7-1/2	2-1/2	YES	142
41111	1-8	8	2-1/2	YES	151
41112	1-8	9	2-1/2	YES	170
41113	1-8	10	2-1/2	YES	189
41114	1-8	12	2-1/2	YES	226
41115	1-8	14	2-1/2	YES	264
41116	1-8	16	2-1/2	YES	301
41117	1-8	18	2-1/2	YES	339
41118	1-8	20	2-1/2	YES	376
41119	1-8	22	2-1/2	YES	414
41120	1-8	24	2-1/2	YES	451

May Be Used With:

- T-Nuts, see pgs. 20-22
- Flange Nuts, see pgs. 22-24
- Flat Washers, see pgs. 26-27
- Spherical Washers, see pgs. 28-29

Driver Studs – Various Thread Lengths

- Black Oxide Finish
- Medium Carbon Steel
- Special lengths & sizes quoted upon request
- Metric studs dimensioned in millimeters



Metric

Part No.	Thread A	B	C	D
60251	M6 x 1.0	50	20	12
60252	M6 x 1.0	65	20	12
60253	M6 x 1.0	80	27	12
60254	M6 x 1.0	95	27	12
60255	M6 x 1.0	110	31	12
60351	M8 x 1.25	50	20	12
60352	M8 x 1.25	65	20	12
60353	M8 x 1.25	80	27	12
60354	M8 x 1.25	95	31	12
60355	M8 x 1.25	110	31	12
60356	M8 x 1.25	140	35	12
60451	M10 x 1.5	50	20	16
60452	M10 x 1.5	65	20	16
60453	M10 x 1.5	80	27	16
60454	M10 x 1.5	95	31	16
60455	M10 x 1.5	110	35	16
60456	M10 x 1.5	140	35	16
60551	M12 x 1.75	50	20	16
60552	M12 x 1.75	65	20	16
60553	M12 x 1.75	80	27	16
60554	M12 x 1.75	95	31	16
60555	M12 x 1.75	110	39	16
60556	M12 x 1.75	140	39	16
60557	M12 x 1.75	175	39	16
60558	M12 x 1.75	200	39	16
60651	M16 x 2.0	80	21	18
60652	M16 x 2.0	110	47	18
60653	M16 x 2.0	150	47	18
60654	M16 x 2.0	175	47	18
60655	M16 x 2.0	200	47	18
60656	M16 x 2.0	250	47	18
60751	M20 x 2.5	80	27	20
60752	M20 x 2.5	110	47	20
60753	M20 x 2.5	150	55	20
60754	M20 x 2.5	175	55	20
60755	M20 x 2.5	200	55	20
60851	M24 x 3.0	160	100	35
60852	M24 x 3.0	300	100	35

English

Part No.	Thread A	B	C	D
40350	1/4-20	1.50	0.88	0.38
40351	1/4-20	2.00	1.00	0.38
40352	1/4-20	2.50	1.00	0.38
40353	1/4-20	3.00	1.50	0.38
40354	1/4-20	4.00	1.75	0.38
40355	1/4-20	5.00	1.75	0.38
40356	1/4-20	6.00	2.00	0.38
40357	1/4-20	7.00	2.00	0.38
40358	1/4-20	8.00	2.50	0.38
40450	5/16-18	1.50	0.75	0.50
40451	5/16-18	2.00	1.00	0.50
40452	5/16-18	2.50	1.00	0.50
40453	5/16-18	3.00	1.50	0.50
40454	5/16-18	4.00	1.50	0.50
40455	5/16-18	5.00	1.75	0.50
40456	5/16-18	6.00	2.00	0.50
40457	5/16-18	7.00	2.00	0.50
40458	5/16-18	8.00	2.50	0.50
40550	3/8-16	1.50	0.63	0.63
40551	3/8-16	2.00	1.00	0.63
40552	3/8-16	3.00	1.50	0.63
40553	3/8-16	4.00	1.50	0.63
40554	3/8-16	5.00	1.75	0.63
40555	3/8-16	6.00	2.00	0.63
40556	3/8-16	8.00	2.50	0.63
40770	1/2-13	1.50	0.63	0.63
40771	1/2-13	2.00	1.00	0.63
40772	1/2-13	3.00	1.50	0.75
40773	1/2-13	4.00	1.50	0.75
40774	1/2-13	5.00	1.75	0.75
40775	1/2-13	5.50	1.75	0.75
40776	1/2-13	6.00	2.00	0.75
40777	1/2-13	6.50	2.00	0.75
40778	1/2-13	7.00	2.00	0.75
40779	1/2-13	8.00	2.50	0.75
40780	1/2-13	9.00	2.50	0.75
40781	1/2-13	10.00	3.00	0.75
40782	1/2-13	12.00	3.00	0.75

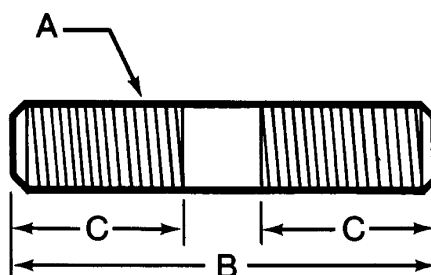
Part No.	Thread A	B	C	D
40850	5/8-11	2.00	1.00	0.63
40851	5/8-11	2.50	1.00	0.88
40852	5/8-11	3.00	1.50	0.88
40853	5/8-11	4.00	1.75	0.88
40854	5/8-11	5.00	1.75	0.88
40855	5/8-11	5.50	2.00	0.88
40856	5/8-11	6.00	2.00	0.88
40857	5/8-11	6.50	2.00	0.88
40858	5/8-11	7.00	2.00	0.88
40859	5/8-11	8.00	2.50	0.88
40860	5/8-11	9.00	2.50	0.88
40861	5/8-11	10.00	2.50	0.88
40862	5/8-11	12.00	3.00	0.88
40863	5/8-11	14.00	3.00	0.88
40950	3/4-10	3.00	1.50	1.00
40951	3/4-10	4.00	1.75	1.00
40952	3/4-10	5.00	1.75	1.00
40953	3/4-10	6.00	2.00	1.00
40954	3/4-10	7.00	2.00	1.00
40955	3/4-10	8.00	2.50	1.00
40956	3/4-10	9.00	2.50	1.00
40957	3/4-10	10.00	2.50	1.00
40958	3/4-10	12.00	3.00	1.00
40959	3/4-10	14.00	3.00	1.00
41050	7/8-9	3.00	1.00	1.25
41051	7/8-9	4.00	1.75	1.25
41052	7/8-9	5.00	1.75	1.25
41053	7/8-9	6.00	2.00	1.25
41054	7/8-9	7.00	2.50	1.25
41055	7/8-9	8.00	2.50	1.25
41056	7/8-9	9.00	3.00	1.25
41057	7/8-9	10.00	3.00	1.25
41058	7/8-9	12.00	3.00	1.25
41150	1-8	4.00	1.75	1.50
41151	1-8	5.00	1.75	1.50
41152	1-8	6.00	2.00	1.50
41153	1-8	8.00	2.50	1.50
41154	1-8	12.00	3.00	1.50

TOOLING COMPONENTS



Metric Studs

- Black Oxide Finish
- Tensile Strength: 125,000 p.s.i. min.
- Medium Carbon Steel
- Dimension in millimeters.
- Special lengths and sizes quoted upon request



Part No.	Thread A	B	C	Weight (lbs/100pcs)
60201	M6 x 1.0	50	20	2
60202	M6 x 1.0	65	20	2.7
60203	M6 x 1.0	80	27	3
60204	M6 x 1.0	95	27	4
60206	M6 x 1.0	110	31	5
60208	M6 x 1.0	140	35	6
60210	M6 x 1.0	150	35	7
60211	M6 x 1.0	175	35	8
60213	M6 x 1.0	200	35	9
60301	M8 x 1.25	50	20	4
60302	M8 x 1.25	65	20	5
60303	M8 x 1.25	80	27	6
60304	M8 x 1.25	95	31	8
60306	M8 x 1.25	110	31	9
60308	M8 x 1.25	140	35	11
60310	M8 x 1.25	150	35	12
60311	M8 x 1.25	175	35	13
60313	M8 x 1.25	200	35	16
60401	M10 x 1.5	50	20	6
60402	M10 x 1.5	65	20	8
60403	M10 x 1.5	80	27	9
60404	M10 x 1.5	95	31	11
60406	M10 x 1.5	110	35	13
60407	M10 x 1.5	125	35	15
60408	M10 x 1.5	140	35	17
60410	M10 x 1.5	150	35	19
60411	M10 x 1.5	175	35	21
60413	M10 x 1.5	200	35	24
60501	M12 x 1.75	50	20	8
60502	M12 x 1.75	65	20	11
60503	M12 x 1.75	80	27	13
60504	M12 x 1.75	95	31	15

Part No.	Thread A	B	C	Weight (lbs/100pcs)
60506	M12 x 1.75	110	39	18
60507	M12 x 1.75	125	39	21
60508	M12 x 1.75	140	39	24
60510	M12 x 1.75	150	39	26
60511	M12 x 1.75	175	39	30
60513	M12 x 1.75	200	39	35
60603	M16 x 2.0	80	21	24
60604	M16 x 2.0	95	31	29
60606	M16 x 2.0	110	47	33
60607	M16 x 2.0	125	47	38
60609	M16 x 2.0	150	47	48
60611	M16 x 2.0	175	47	55
60613	M16 x 2.0	200	47	63
60615	M16 x 2.0	250	47	80
60616	M16 x 2.0	300	47	96
60703	M20 x 2.5	80	27	38
60704	M20 x 2.5	95	31	45
60706	M20 x 2.5	110	47	51
60707	M20 x 2.5	125	55	58
60709	M20 x 2.5	150	55	72
60711	M20 x 2.5	175	55	84
60713	M20 x 2.5	200	55	97
60715	M20 x 2.5	250	55	124
60716	M20 x 2.5	300	55	148
60805	M24 x 3.0	100	39	69
60807	M24 x 3.0	125	55	82
60809	M24 x 3.0	150	63	100
60811	M24 x 3.0	175	63	120
60813	M24 x 3.0	200	63	137
60815	M24 x 3.0	250	63	175
60816	M24 x 3.0	300	63	213