

# Catálogo

## 2015-2016

**" LA PIEZA ADECUADA, EN EL LUGAR INDICADO,  
EN EL MOMENTO REQUERIDO "**

# Industrial



www.calgro.com.mx 36091649 PARTES PARA MANTENIMIENTO INDUSTRIAL,  
HERRAMIENTAS, TORNILLERÍA, SEGURIDAD PERSONAL, EQUIPOS, SUMINISTROS,  
MATERIALES Y MUCHO MÁS, PRODUCTOS NACIONALES Y DE IMPORTACIÓN.



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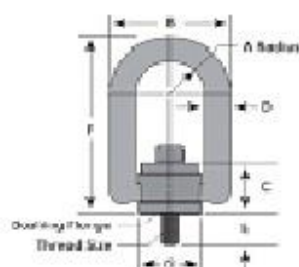
## FASTENERS



## HEAVY DUTY T-BOLT 4140 STEEL

### Heavy-Duty Hoist Rings

- Use Heavy-Duty Hoist Rings for added lifting safety to avoid eyebolt twisting, bending and breaking when lifting heavy, angular unbalanced loads
- Hoist Rings pivot and swivel to compensate for pitch, roll and sway when lifting unbalanced loads – pivots 180°, swivels 360°
- Minimum safety factor is 5:1
- Meets Military Specification MIL-STD- 1316 (11) or MIL-STD 209



Thread Size	Working Load Limit (lbs.)			Dimensions (Inches)									Recommended Tensile Load (F <sub>t</sub> /lb.)	Part No.	Qty.
	Straight Pull	45° LH	50° LH	A Radius	B	C	D	E	F	G	H	I			
3/8 - 16	1,000	1,000	1,000	0.63	2.29	0.96	0.68	1.06	3.23	3.15			12	58855	1
1/2 - 15	2,500	2,500	2,500	1.00	3.50	1.50	0.75	1.00	5.31	3.89			25	58856	1
5/8 - 11	4,000	4,000	4,000	1.00	3.50	1.50	0.75	1.00	5.31	3.89			60	58857	1
3/4 - 10	5,000	5,000	5,000	1.00	3.50	1.50	0.75	1.00	5.31	3.89			100	58858	1
1 - 8	10,000	10,000	10,000	1.49	5.18	2.05	1.00	1.45	2.00	2.91			230	58859	1



# ÍNDICE

## **Socket Products**

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Socket Fasteners  
Metric Socket Fasteners  
Stainless Steel Socket Fasteners

## **Pins, Retaining Rings, Shaft Collars and O-Rings**

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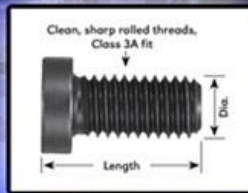
Pins  
Retaining Rings  
Shaft Collars  
O-Rings

## **Hex Capscrews, Nuts, Hoist Rings and Thread Repairs**

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Grade 8 and Grade 5 Fasteners  
Metric Fasteners  
Stainless Steel Fasteners  
Heavy-Duty Hoist Rings  
Thread Repair





**Socket Products**  
Socket Fasteners  
Metric Socket Fasteners  
Stainless Steel Socket Fasteners

[www.calgro.com.mx](http://www.calgro.com.mx) Tel.(33)3609-1649 [ventas@calgro.com.mx](mailto:ventas@calgro.com.mx)





# SOCKET Fasteners

www.calgro.com.mx

Tel.(33)36091649 ventas@calgro.com.mx

## Socket Head Capscrews – Premium and Commercial Grade

- High-strength, heat-treated alloy steel
- Black oxide finish for corrosion protection
- Tensile strength: 180,000 PSI (up to and including 1/2" dia.); 170,000 PSI (5/8" dia. and above)
- Conforms to ASME/ANSI B18.3 Specifications

### \*Size Wise Capscrews

- Fully traceable – marked with Lawson "L" identification and single row, right-to-left diagonal knurl
- Diameter size rolled into the the screw head for quick identification

\*Items marked with an asterisk are Lawson's Size Wise Capscrews.

Full flat head with 30° chamfer; large, deep hex permits more clamping force and maximum utilization of fasteners' strength

Bearing surface under head

Clean, sharp rolled threads – Class 3A fit with generous root radius for improved fatigue life



Flat point

Dia.	Length (Inches)	Premium Part No.	Pkg. Qty.	Commercial Part No.	Pkg. Qty.
2-56 UNC Key Size 5/64"	3/16	51684	25		
	1/4	51685	25		
	3/8	51686	25		
3-48 UNC Key Size 5/64"	1/2	51687	25		
	3/16	51688	25		
	1/4	51689	25		
4-40 UNC Key Size 3/32"	3/8	51690	25		
	1/2	51691	25		
	1/4	85978	50		
5-40 UNC Key Size 3/32"	3/8	85979	50		
	1/2	85980	50		
	5/8	85981	50		
6-32 UNC Key Size 7/64"	3/4	85982	50		
	7/8	51692	50		
	1	17102	50		
8-32 UNC Key Size 9/64"	1/4	94284	50		
	3/8	94285	50		
	1/2	94286	50		
10-24 UNC Key Size 5/32"	5/8	94287	50		
	3/4	94288	50		
	1/4	85983	50		
12-24 UNF Key Size 5/32"	3/8	85984	50		
	1/2	85985	50		
	5/8	85986	50		
14-24 UNF Key Size 5/32"	3/4	85987	50		
	7/8	85988	50		
	1	90850	50		
16-24 UNF Key Size 5/32"	1-1/4	51693	25		
	1-1/2	51694	25		
	1-3/4	51695	25		
18-24 UNF Key Size 5/32"	2	51696	25		
	1/4	85989	50		
	3/8	85990	50		
20-24 UNF Key Size 5/32"	1/2	85991	50		
	5/8	85992	50		
	3/4	85993	50		
22-24 UNF Key Size 5/32"	1/4	85994	50	17103	50
	3/8	3440	50	64083	50
	1/2	3504	50	64084	50
24-24 UNF Key Size 5/32"	5/8	85995	50	64085	50
	3/4	3505	50	64086	50
	7/8	94289	50		
26-24 UNF Key Size 5/32"	1	3441	50	64087	50
	1-1/4	94290	25	64088	25
	1-1/2	90851	25	64089	25
28-24 UNF Key Size 5/32"	1-3/4			17104	25
	2	51697	25	17105	25
	2-1/2			17106	25
30-24 UNF Key Size 5/32"	3			17107	25
	3/8	3483	50		
	1/2	3484	50		
32-24 UNF Key Size 5/32"	3/4	3485	50		

Dia.	Length (Inches)	Premium Part No.	Pkg. Qty.	Commercial Part No.	Pkg. Qty.
1/4	1/4	51698	50		
	3/8	3442*	50	64090	50
	1/2	3507*	50	64091	50
5/8	5/8	94291*	50		
	3/4	3508*	50	64092	50
7/8	7/8	94292*	50		
	1	3509*	50	64093	50
1-1/4	1-1/4	3594*	25	64094	25
	1-1/2	3595*	25	64095	25
	1-3/4	3596*	25	64096	25
2	2	3597*	25	64097	25
	2-1/4	51699*	25		
	2-1/2	51700*	25	17108	25
1/4	1/4	51701	50	17109	50
	3/8	3487*	50	64099	50
	1/2	3507 01*	50	64100	50
5/8	5/8	94293*	50	64101	50
	3/4	3508 01*	50	64102	50
7/8	7/8	94294*	50		
	1	3509 01*	50	64103	50
1-1/4	1-1/4	3594 01*	25	64104	25
	1-1/2	3595 01*	25	64105	25
	1-3/4	3596 01*	25	64106	25
2	2	3597 01*	25	64107	25
	2-1/2	51702*	25	17110	25
	3	51703	25	17111	25
1/4	1/4	51704	50		
	3/8	3443*	50	64110	50
	1/2	3510*	50	64111	50
5/8	5/8	3511*	50	64112	50
	3/4	3512*	50	64113	50
	7/8	94295*	50	64114	50
1	1	3513*	50	64115	50
	1-1/4	3514*	50	64116	50
	1-1/2	3515*	50	64117	50
1-3/4	1-3/4	3516*	25	64118	25
	2	3517*	25	64119	25
	2-1/4	3444*	25	64120	25
2-1/2	2-1/2	85996	25	64121	25
	2-3/4	85997*	25	64122	25
	3	90852*	25	64123	25
3-1/4	3-1/4	51705	10	64124	10
	3-1/2	51706*	10	64125	10
	4	51707*	10	64126	10
4-1/2	4-1/2			17112	10
	5			17113	10
3/8	3/8	3488*	50	64127	50
	1/2	3510 01*	50	64128	50
	5/8	3511 01*	50	64129	50
3/4	3/4	3512 01*	50	64130	50
	7/8	94296*	50	64131	50
1	1	3513 01*	50	64132	50
	1-1/4	3514 01*	50	64133	50
	1-1/2	3515 01*	50	64134	50
1-3/4	1-3/4	3516 01	25	64135	25
	2	3517 01	25	64136	25
	2-1/4	51708	25	64137	25
2-1/2	2-1/2			64138	25
	3			64139	25

### Available In Assortments

Premium Grade	Commercial Grade
LP194 (24 items, 950 pieces)	LP865 (24 items, 1,000 pieces)
LP863 (24 items, 1,025 pieces)	LP866 (24 items, 850 pieces)
LP864 (24 items, 900 pieces)	

See page 6-43

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**Socket Head Capscrews – Premium and Commercial Grade**

Dia.	Length (Inches)	Premium Part No.	Pkg. Qty.	Commercial Part No.	Pkg. Qty.
5/16-18 UNC Key Size 1/4"	3/8	94297*	50		
	1/2	3520*	50	64140	50
	5/8	94298*	50	64141	50
	3/4	3521*	50	64142	50
	7/8	94299*	50	64143	50
	1	3522*	50	64144	50
	1-1/4	3523*	50	64145	50
	1-1/2	3524	25	64146	25
	1-3/4	3525*	25	64147	25
	2	3526*	25	64148	25
	2-1/4	3445*	25	64149	25
	2-1/2	3446*	25	64150	25
	2-3/4	51709*	25	17114	25
	3	3447*	25	64151	25
	3-1/4	51710*	10		
	3-1/2	51711*	10	64152	10
	4	51712*	10	64153	10
	4-1/2			17115	10
	5			17116	10
5/16-24 UNF Key Size 1/4"	1/2	3520 01*	50		
	5/8	94302*	50	64155	50
	3/4	3521 01*	50	64156	50
	7/8	94303*	50	64157	50
	1	3522 01*	50	64158	50
	1-1/4	3523 01*	50	64159	50
	1-1/2	3524 01*	25	64160	25
	1-3/4	3525 01*	25		
	2	90853*	25	64162	25
	2-1/4	51713*	25		
3/8-16 UNC Key Size 5/16"	2-1/2	90854*	25	64163	25
	3			17117	25
	1/2	3448*	50	17118	50
	5/8	94300*	50	64165	50
	3/4	3530*	50	64166	50
	7/8	94301*	50	64167	50
	1	3531*	50	64168	50
	1-1/4	3532*	25	64169	25
	1-1/2	3533*	25	64170	25
	1-3/4	3534*	25	64171	25
3/8-24 UNF Key Size 5/16"	2	3535*	25	64172	25
	2-1/4	3449*	25	64173	25
	2-1/2	3536*	25	64174	25
	2-3/4	3450*	25	64175	25
	3	3451*	25	64176	25
	3-1/4	51714*	10		
	3-1/2	3453*	10	64177	10
	4	3454*	10	64178	10
	4-1/2	51715*	10	64179	10
	5	51716*	10	64180	10
3/8-24 UNF Key Size 5/16"	5-1/2			17119	10
	6	51717	10	17120	10
	1/2	3491*	50	17121	50
	5/8	94304*	50	17122	50
	3/4	3530 01*	50	64184	50
	7/8	94305*	50		
	1	3531 01*	50	64186	50
	1-1/4	3532 01*	25	64187	25
	1-1/2	3533 01*	25	64188	25
	1-3/4	3534 01*	25	17123	25
3/8-24 UNF Key Size 5/16"	2	3535 01*	25	64190	25
	2-1/4	51718*	25	17124	25
	2-1/2	3536 01	25	64192	25
	2-3/4			64193	25
	3	90855*	25	64194	25
	3-1/2			64195	10
	4			64196	10

**Available In Assortments**

Premium Grade	Commercial Grade
LP194 (24 items, 950 pieces)	LP865 (24 items, 1,000 pieces)
LP863 (24 items, 1,025 pieces)	LP866 (24 items, 850 pieces)
LP864 (24 items, 900 pieces)	

See page 6-43

See page 6-43

Dia.	Length (Inches)	Premium Part No.	Pkg. Qty.	Commercial Part No.	Pkg. Qty.
7/16-14 UNC Key Size 3/8"	1/2	51719*	25		
	5/8	51720*	25		
	3/4	51721*	25	64199	25
	7/8	51722*	25		
	1	3540*	25	64201	25
	1-1/4	51723*	25	64202	25
	1-1/2	3541*	25	64203	25
	1-3/4	51724*	25	64204	25
	2	3542*	25	64205	25
	2-1/4	51725*	25	64206	25
	2-1/2	3458*	25	64207	25
	2-3/4	51726	25	64208	25
	3	3460	25	64209	25
	3-1/2	51728	10		
	4	51729	10		
	1	3540 01*	25		
	1-1/4	51730*	25		
	1-1/2	90856*	25		
	2	3542 01*	25		
1/2-13 UNC Key Size 3/8"	1/2	51731*	25		
	5/8	51732*	25		
	3/4	51733*	25	64218	25
	7/8	51734*	25	64219	25
	1	3550*	25	64220	25
	1-1/4	3551*	25	64221	25
	1-1/2	3552*	25	64222	25
	1-3/4	3553*	25	64223	25
	2	3554*	25	64224	25
	2-1/4	3462*	25	64225	25
1/2-20 UNF Key Size 3/8"	2-1/2	3555*	25	64226	25
	2-3/4	51735*	25	64227	25
	3	3556*	25	64228	25
	3-1/4	51736*	10	64229	10
	3-1/2	3464*	10	64230	10
	4	3465*	10	64231	10
	4-1/2	51737*	10	64232	10
	5	3466*	10	64233	10
	5-1/2	51738*	10	64234	10
	6	90857*	10	64235	10
5/8-11 UNC Key Size 1/2"	6-1/2	51739*	10	64236	10
	7	51740*	10	17125	10
	7-1/2			17126	10
	8	51741	10	17127	10
	1	3550 01*	25	64238	25
	1-1/4	3551 01*	25	64239	25
	1-1/2	3552 01*	25	64240	25
	1-3/4	3553 01*	25	64241	25
	2	3554 01*	25	64242	25
	2-1/4	3494*	25	64243	25
5/8-11 UNC Key Size 1/2"	2-1/2	3555 01*	25	64244	25
	3	3556 01*	25	64246	25
	3-1/2			64247	10
	4			64248	10
	1	3560*	10	64249	10
	1-1/4	3561*	10	64250	10
	1-1/2	3562*	10	64251	10
	1-3/4	3563*	10	64252	10
	2	3564*	10	64253	10
	2-1/4	51742*	10	64254	10
5/8-11 UNC Key Size 1/2"	2-1/2	3565*	10	64255	10
	2-3/4	51743*	10	64256	10
	3	3566*	10	64257	10
	3-1/4			64258	10
	3-1/2	3467	10	64259	10
	4	3468*	10	64260	10
	4-1/2	3469*	10	64261	10
	5	3567*	10	64262	10
	5-1/2	51745*	10	64263	10
	6	90858*	10	64264	10
5/8-11 UNC Key Size 1/2"	6-1/2			64265	5
	7			64266	5
	7-1/2			17128	5
	8			64267	5

\*Items marked with an asterisk are Lawson's Size Wise Capscrews.

**SOCKET Fasteners****Socket Head Capscrews – Premium and Commercial Grade**

Dia.	Length (Inches)	Premium Part No.	Pkg. Qty.	Commercial Part No.	Pkg. Qty.
5/8-18 UNF Key Size 1/2"	1	51749*	10	64268	10
	1-1/4	51750*	10	64269	10
	1-1/2	51751*	10	64270	10
	1-3/4	51752*	10	64271	10
	2	51753*	10	64272	10
	2-1/2	51754	10	64273	10
	3			64274	10
	3-1/2			64275	10
	4			64276	10
	4-1/2			64277	10
3/4-10 UNC Key Size 5/8"	5			64278	10
	1-1/4	3570*	10	64279	10
	1-1/2	3571*	10	64280	10
	1-3/4	3572*	10	64281	10
	2	3573*	10	64082	10
	2-1/4	51778*	5	64098	5
	2-1/2	3574*	5	64108	5
	2-3/4	90859*	5	64109	5
	3	3575*	5	64154	5
	3-1/4	51779*	5	64161	5
3/4-16 UNF Key Size 5/8"	3-1/2	3576*	5	64164	5
	4	3578*	5	64289	5
	4-1/2	3470	5	64290	5
	5	3471	5	64291	5
	5-1/2	51780	5	64292	5
	6	3579	5	64293	5
	6-1/2	51781	2	17129	5
	7	51782	2	64294	2
	7-1/2			17130	2
	8	51783	2	64295	2
7/8-9 UNC Key Size 3/4"	1-1/2	51784	10	64304	10
	2	51785	10	64305	10
	2-1/4			64306	5
	2-1/2	51787	5	64307	5
	2-3/4	51788	5	64308	5
	3	51789	5	64309	5
	3-1/2	51790	5	64310	5
	4	51791	5	64311	5
	4-1/2	51792	5	64312	5
	5	51793	5	64313	5
1-8 UNC Key Size 3/4"	2	51794*	10	64314	10
	2-1/4	51795	10	64315	10
	2-1/2	51796*	10	64316	10
	2-3/4	51797*	5	64317	5
	3	51798*	5	64318	5
	3-1/4	51799	5		
	3-1/2	51800*	5	64320	5
	4	51801*	5	64321	5
	4-1/2	51802*	5	64322	5
	5	51803	5	64323	5
1-1/4-7 UNC Key Size 7/8"	5-1/2	51804*	5	64324	5
	6	51805	5	64325	5
	6-1/2			64326	2
	7	51807*	2	64327	2
	8			64328	2
1-1/2-6 UNC Key Size 1"	2	3591*	10	64329	10
	2-1/4	3592*	10	64330	10
	2-1/2	3593*	10	64331	10
	2-3/4	51809*	5	64332	5
	3	51810	5	64333	5
	3-1/4			64334	5
	3-1/2	51812*	5	64335	5
	4	51813	5	64336	5
	4-1/2	51814*	5	64337	5
	5	51815*	5	64338	5
1-1/2-7 UNC Key Size 1"	5-1/2	51816	5	64339	5
	6	51817*	5	64340	5
	6-1/2			64341	2
	7			64342	2
	7-1/2			17131	2
	8			64343	2
	2-1/2	51755	1		
	3	51756	1		
	3-1/2	51757	1		
	4	51758	1		
1-1/4-7 UNC Key Size 7/8"	4-1/2	51759	1		
	5	51760	1		
	5-1/2	51761	1		
	6	51762	1		
	6-1/2	51763	1		
	7	51764	1		
	8	51765	1		
	9	51766	1		
	10	51767	1		
	3	51768	1		
1-1/2-6 UNC Key Size 1"	3-1/2	51769	1		
	4	51770	1		
	4-1/2	51771	1		
	5	51772	1		
	5-1/2	51773	1		
	6	51774	1		
	6-1/2	51775	1		
	7	51776	1		
	8	51777	1		

\*Items marked with an asterisk are Lawson's Size Wise Capscrews.

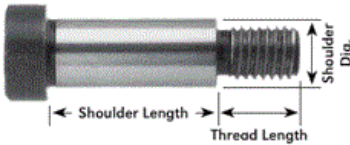
**Available In Assortments**

<b>Premium Grade</b>	<b>Commercial Grade</b>
<b>LP194</b> (24 items, 950 pieces)	<b>LP865</b> (24 items, 1,000 pieces)
<b>LP863</b> (24 items, 1,025 pieces)	<b>LP866</b> (24 items, 850 pieces)
<b>LP864</b> (24 items, 900 pieces)	See page 6-43
See page 6-43	





Socket Head  
Shoulder Screws



- Conforms to ANSI B18.3 and ASTM A574 specifications
- Heat-treated alloy steel
- Black oxide head and threads, polished steel shoulder
- Class 3A fully-formed threads
- 140,000 PSI minimum tensile strength

Available In Assortments

**LP195**  
(22 items, 169 pieces)

**LP634**  
(24 items, 120 pieces)

See page 6-46

Dia.	Shoulder Length (Inches)	Part No.	Pkg. Qty.
10-24 UNC 1/8" Key Size 1/4" Shoulder Dia. 3/8" Thread Length	3/8	85686	20
	1/2	85687	20
	5/8	85688	20
	3/4	85689	20
	1	85690	20
	1-1/4	85691	10
	1-1/2	85692	10
	1-3/4	55311	10
	2	55312	10
	3/8	85693	20
1/4-20 UNC 5/32" Key Size 5/16" Shoulder Dia. 7/16" Thread Length	1/2	85694	20
	5/8	85695	20
	3/4	85696	20
	1	85697	20
	1-1/4	85698	10
	1-1/2	85699	10
	1-3/4	85700	10
	2	85701	10
	3/8	85702	20
	1/2	85703	20
5/16-18 UNC 3/16" Key Size 3/8" Shoulder Dia. 1/2" Thread Length	5/8	85704	20
	3/4	85705	20
	1	85706	20
	1-1/4	85707	10
	1-1/2	85708	10
	1-3/4	85709	10
	2	85710	10
	2-1/4	55317	10
	2-1/2	85711	10
	2-3/4	55318	10
	3	85712	10
	3-1/4	55319	10
	3-1/2	85713	10
	3-3/4	55320	10
	4	85714	10

Dia.	Shoulder Length (Inches)	Part No.	Pkg. Qty.
3/8-16 UNC 1/4" Key Size 1/2" Shoulder Dia. 5/8" Thread Length	1/2	85715	20
	5/8	85716	20
	3/4	85717	20
	1	85718	20
	1-1/4	85719	10
	1-1/2	85720	10
	1-3/4	85721	10
	2	85722	10
	2-1/4	55321	10
	2-1/2	55322	10
1/2-13 UNC 5/16" Key Size 5/8" Shoulder Dia. 3/4" Thread Length	2-3/4	55323	10
	3	55324	10
	3-1/4	55325	5
	3-1/2	55326	5
	3-3/4	55327	5
	4	55328	5
	4-1/4	55329	5
	4-1/2	55330	5
	4-3/4	55331	5
	5	55332	5
5/8-11 UNC 3/8" Key Size 3/4" Shoulder Dia. 7/8" Thread Length	1-1/4	85723	10
	1-1/2	85724	10
	1-3/4	85725	10
	2	85726	10
	2-1/4	85727	10
	2-1/2	85728	10
	3	85729	10
	3-1/2	85730	5
	4	85731	5
	4-1/2	55333	3
	1-1/2	85732	5
	1-3/4	85733	5
	2	85734	5
	2-1/2	85735	5
	3	85736	5
	3-1/2	85737	5

Button Head Socket Capscrews

- High-strength, heat-treated high-alloy steel
- Cold-formed • Black oxide finish
- For light fastening applications such as guards, hinges, cover plates, etc., where appearance is important
- Conforms to ANSI B18.3 and Federal FF-S-86 specifications

NOTE: Button heads should not be used in critical high-strength applications where socket head capscrews should be used.

Available In Assortments

**LP605**  
(17 items, 290 pieces)

**LP606**  
(17 items, 215 pieces)

See page 6-44



Dia.	Length (Inches)	Part No.	Pkg. Qty.
2-56 UNC Key Size 0.050"	3/16	55384	10
	1/4	55385	10
	3/8	55386	10
	1/2	55387	10
3-48 UNC Key Size 1/16"	3/16	55388	10
	1/4	55389	10
	3/8	55390	10
4-40 UNC Key Size 1/16"	1/4	85956	50
	3/8	85957	50
	1/2	85958	50
	3/4	85959	50
6-32 UNC Key Size 5/64"	1/4	81455	50
	3/8	81456	50
	1/2	81457	50
	5/8	81458	50
8-32 UNC Key Size 3/32"	1/4	85960	50
	3/8	81458	50
	1/2	81459	50
	5/8	81460	50
10-24 UNC Key Size 1/8"	3/4	81461	50
	1	54799	50
	1/4	54800	50
	3/8	81462	50

Dia.	Length (Inches)	Part No.	Pkg. Qty.
10-32 UNF Key Size 1/8"	1/4	54801	50
	3/8	81490	50
	1/2	81491	50
	5/8	81492	50
	3/4	81493	50
	7/8	81494	50
1/4-20 UNC Key Size 5/32"	1	81495	50
	3/8	81468	50
	1/2	81469	50
	5/8	81470	50
	3/4	81471	50
	7/8	54802	50
1/4-28 UNF Key Size 5/32"	1	81473	50
	3/8	81496	50
	1/2	81497	50
	5/8	81498	50
	3/4	81499	50
	1	81500	50
5/16-18 UNC Key Size 3/16"	3/8	81474	50
	1/2	81475	50
	5/8	81476	50
	3/4	81477	50

Dia.	Length (Inches)	Part No.	Pkg. Qty.
5/16-24 UNF Key Size 3/16"	3/8	81501	50
	1/2	81502	50
	5/8	81503	50
	3/4	81504	50
	1	81505	50
	1/2	81480	25
3/8-16 UNC Key Size 7/32"	5/8	81481	25
	3/4	81482	25
	7/8	81483	25
	1	81484	25
	1-1/4	81485	25
	1/2	81506	25
3/8-24 UNF Key Size 7/32"	1	54803	25
	1	81486	10
	1-1/4	81487	10
	1-1/2	81488	10
	2	54804	10
	1	54805	10
1/2-13 UNC Key Size 5/16"	1-1/4	54806	10
	1-1/2	54807	10
	2	54808	10





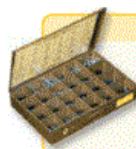
## SOCKET Fasteners

www.calgro.com.mx Tel.(33)3609-1649 ventas@calgro.com.mx

### Flat Head Socket Capscrews – Premium and Commercial Grade



- Precision rolled threads
- 180,000 PSI minimum tensile strength



#### Available In Assortments

**LP607**  
(20 items, 250 pieces)  
**LP608**  
(15 items, 165 pieces)  
See page 6-44

Dia.	Length (Inches)	Premium Part No.	Pkg. Qty.	Commercial Part No.	Pkg. Qty.
2-56 UNC Key Size 0.050"	3/16			55391	10
	1/4			55392	10
	3/8			55393	10
	1/2			55394	10
3-48 UNC Key Size 1/16"	1/4			55395	10
	3/8			55396	10
	1/2			55397	10
4-40 UNC Key Size 1/16"	1/4			85961	50
	3/8			85962	50
	1/2			85963	50
	5/8			85964	50
5-40 UNC Key Size 5/64"	3/4			85965	50
	1/4			54869	50
	3/8			54870	50
	1/2			54871	50
6-32 UNC Key Size 5/64"	5/8			54872	50
	3/4			54873	50
	1/4	P49765	50	85966	50
	3/8	P49770	50	85967	50
8-32 UNC Key Size 3/32"	1/2	P49775	50	85968	50
	5/8			85969	50
	3/4	P49780	50	85970	50
	1			54874	50
10-24 UNC Key Size 1/8"	3/8	P49785	50	85971	50
	1/2	P49790	50	85972	50
	5/8			85973	50
	3/4	P49795	50	85974	50
10-32 UNF Key Size 1/8"	1			90832	50
	3/8	P49805	50	85975	50
	1/2	P49810	50	3600	50
	5/8			85976	50
1/4-20 UNC Key Size 5/32"	3/4	P49815	50	3601	50
	1	P49820	50	3602	50
	1-1/4			3603	50
	1-1/2			3604	50
1/4-28 UNF Key Size 5/32"	3/8	P49890	50	54875	50
	1/2	P49895	50	3605	50
	5/8			54876	50
	3/4	P49900	50	3606	50
5/8-11 UNC Key Size 3/8"	1	P49905	50	3607	50
	1-1/4			90833	50
	1-1/2			90834	50
	3/8			85977	50
3/4-10 UNC Key Size 1/2"	1/2	P11290	50	3620	50
	5/8	P43220	50	54877	50
	3/4	P11291	50	3621	50
	1	P11292	50	3622	50
5/16-18 UNC Key Size 3/16"	1-1/4	P11293	25	3623	50
	1-1/2	P11294	25	3624	50
	1-3/4			90836	25
	2	P54425	25	90837	25
3/8-16 UNC Key Size 7/32"	3/8			54878	50
	1/2	P26191	50	3610	50
	5/8			54879	50
	3/4	P26201	50	3611	50
5/16-24 UNF Key Size 3/16"	1	P26206	50	3612	50
	1-1/4			54880	50
	1-1/2			90835	50

- Meets or exceeds ANSI/ASME B 18.3 specifications

Dia.	Length (Inches)	Premium Part No.	Pkg. Qty.	Commercial Part No.	Pkg. Qty.
5/16-18 UNC Key Size 3/16"	1/2	P11295	25	3627	25
	5/8	P43225	25	54881	25
	3/4	P11296	25	3628	25
	1	P11297	25	3629	25
3/8-16 UNC Key Size 7/32"	1-1/4	P11298	25	3630	25
	1-1/2	P11299	25	3631	25
	1-3/4			54882	25
	2	P54428	25	90839	25
5/8-11 UNC Key Size 3/8"	2-1/4			54883	25
	2-1/2			54884	25
	1/2			54885	25
	5/8			54886	25
3/4-10 UNC Key Size 1/2"	3/4	P43962	25	3616	25
	1	P43967	25	3617	25
	1-1/4			3618	25
	1-1/2			90838	25
1/2-20 UNF Key Size 5/16"	1/2			54887	25
	5/8			54888	25
	3/4	P43230	25	3633	25
	1	P11300	25	3634	25
5/16-24 UNF Key Size 3/16"	1-1/4	P11301	25	3635	10
	1-1/2	P11302	25	3637	10
	1-3/4	P44601	25	54889	10
	2	P44621	25	90840	10
3/8-16 UNC Key Size 7/32"	2-1/4			54890	10
	2-1/2	P54431	25	90841	10
	3	P54434	25	54891	10
	5/8			54892	25
7/16-14 UNC Key Size 1/4"	3/4	P43200	25	3636	25
	1	P40554	25	3638	25
	1-1/4	P40555	25	3639	10
	1-1/2			3640	10
1/2-20 UNF Key Size 5/16"	3/4			54893	10
	1			90842	10
	1-1/4			54894	10
	1-1/2			90843	10
5/8-11 UNC Key Size 3/8"	1-3/4			54895	10
	2			90844	10
	3/4	P11303	10	3641	10
	1	P11304	10	3642	10
3/4-10 UNC Key Size 1/2"	1-1/4	P11305	10	3643	10
	1-1/2	P11306	10	3644	10
	1-3/4	P43235	10	3648	10
	2	P11307	10	3645	10
1/2-20 UNF Key Size 5/16"	2-1/4			54896	10
	2-1/2	P40131	10	3646	10
	3	P54437	10	90845	10
	3/4			54897	10
5/8-11 UNC Key Size 3/8"	1			90846	10
	1-1/4			90847	10
	1-1/2	P40559	10	3674	10
	1-3/4	P40560	10	90848	10
3/4-10 UNC Key Size 1/2"	2	P40561	10	90849	10
	1-1/4			3650	10
	1-1/2	P40134	10	3651	10
	1-3/4			54898	10
1/4-28 UNF Key Size 5/32"	2	P40135	10	3653	10
	2-1/4			54899	10
	2-1/2	P40136	10	3655	10
	3	P40137	10	3657	10
5/16-18 UNC Key Size 3/16"	1-1/4			54900	5
	1-1/2			3664	5
	1-3/4			54901	5
	2	P54446	5	3666	5
3/8-16 UNC Key Size 7/32"	2-1/4			54902	5
	2-1/2	P54449	5	3668	5
	3	P54452	5	3670	5



Socket Set Screws – Knurled Point

- Knurled cup point penetrates contact surface to resist loosening under severe vibration
- High-strength, heat-treated high-alloy steel
- Black oxide finish
- Conforms to ANSI Specification B18.3



Dia.	Length (Inches)	Premium Part No.	Pkg. Qty.	Commercial Part No.	Pkg. Qty.
4-40 UNC Key Size 0.050"	1/8	P26396	50		
	3/16	P26401	50		
	1/4			86016	50
	5/16			86017	50
	3/8	P26416	50	86018	50
	1/2			86019	50
6-32 UNC Key Size 1/16"	5/8			86020	50
	1/8	P26421	50		
	3/16	P26426	50		
	1/4	P26431	50	81705	50
	5/16	P26436	50	81706	50
	3/8	P26441	50	81707	50
8-32 UNC Key Size 5/64"	1/2	P26446	50	81708	50
	3/4	P26486	50	86021	50
	1/8	P26496	50		
	3/16	P26501	50		
	1/4	P26506	50	81709	50
	5/16	P26541	50	81710	50
10-24 UNC Key Size 3/32"	3/8	P26556	50	81711	50
	1/2	P26561	50	81712	50
	3/4	P26566	50	86022	50
	3/16	P26571	50		
	1/4	P26606	50	81713	50
	5/16	P26637	50	81714	50
10-32 UNF Key Size 3/32"	3/8	P26642	50	81715	50
	1/2	P26687	50	81716	50
	5/8	P26696	50		
	3/4			81717	50
	1	P28200	50		
	3/16	P26172	50		
1/4-20 UNC Key Size 1/8"	1/4	P26197	50	81741	50
	5/16	P26212	50	81742	50
	3/8	P26217	50	81743	50
	1/2	P26281	50	81744	50
	5/8	P26291	50		
	3/4	P26311	50	81745	50
1/4-28 UNF Key Size 1/8"	3/16	P28251	50		
	1/4	P28381	50	81718	50
	5/16	P28386	50	81719	50
	3/8	P28405	50	81720	50
	1/2	P28410	50	81721	50
	5/8	P28415	25	81722	50
	3/4	P28420	25	81723	50
	1	P28425	25	86023	50
	1-1/4			86024	25
	1-1/2			86025	25
	1-3/4			86026	25
	2			86027	25
	3/16	P26316	50		
	1/4	P26326	50	81746	50
	5/16	P26301	50	81747	50
	3/8	P26306	50	81748	50
	1/2			81749	50
	5/8			81750	50
	3/4	P26336	25		
	1	P26341	25		

Dia.	Length (Inches)	Premium Part No.	Pkg. Qty.	Commercial Part No.	Pkg. Qty.
5/16-18 UNC Key Size 5/32"	1/4	P28431	50	81724	50
	5/16	P28461	50	81725	50
	3/8	P28516	50	81726	50
	1/2	P28546	50	81727	50
	5/8	P28551	25	81728	50
	3/4	P28556	25	81729	50
5/16-24 UNF Key Size 5/32"	1	P28571	25	81730	50
	1-1/4			86028	25
	1-1/2			86029	25
	1/4	P26346	50	81752	50
	5/16	P26351	50	81753	50
	3/8	P26362	50	81754	50
3/8-16 UNC Key Size 3/16"	1/2	P26366	50	81755	50
	3/4	P26371	25	81757	50
	1/4	P28606	50	81731	50
	3/8	P28616	50	81732	50
	1/2	P28631	50	81733	50
	5/8	P28636	25	81734	50
3/8-24 UNF Key Size 3/16"	3/4	P28641	25	81735	25
	1	P28646	25	81736	25
	1-1/4			86030	25
	1-1/2	P28655	25	86031	25
	5/16			81759	50
	3/8	P26376	50	81760	50
7/16-14 UNC Key Size 7/32"	1/2	P26381	50	81761	50
	5/8			81762	50
	3/4	P26391	25	81763	25
	1			81764	25
	3/8	P28660	50		
	1/2	P28665	50	90862	50
1/2-13 UNC Key Size 1/4"	5/8	P28670	25		
	3/4	P28675	25	90864	25
	1			90865	25
	1-1/2	P28685	25		
	1/2	P28691	25	81737	25
	5/8	P49952	25	81738	25
1/2-20 UNF Key Size 1/4"	3/4	P28696	25	81739	25
	1	P28701	25	81740	25
	1-1/2	P28706	25	86032	25
	1-3/4			86033	25
	2			86034	25
	5/8	P49916	25		
5/8-11 UNC Key Size 5/16"	3/4	P49926	25		
	3/4	P26157	25		
	1	P26162	25		
	1-1/2	P26167	25		
	5/8	P49931	25		
	1	P49936	25		



Available In Assortments

**Premium Grade**  
**LP7173**  
(24 items, 600 pieces)

**Commercial Grade**  
**LP867**  
(24 items, 1,050 pieces)

**LP868**  
(20 items, 950 pieces)

See page 6-45





## Socket Set Screws – Cup Point

- High-strength, heat-treated high-alloy steel
- Black finish
- Conforms to ANSI Specification B18.3 and Federal Specification FF-S-200 Type 1, Style 4



Available In Assortments  
**LP88**  
(30 items, 365 pieces)  
**LP110**  
(25 items, 395 pieces)  
See page 6-45

Hex is clean, deep and sharp to allow greater tightening torque

Clean, sharp rolled threads – Class 3A fit



Dia.	Length (Inches)	Part No.	Pkg. Qty.
2-56 UNC Key Size 0.035"	1/16	55979	50
	3/32	55980	50
	1/8	55981	50
	3/16	55982	50
3-48 UNC Key Size 0.050"	1/4	55983	50
	3/32	55984	50
	1/8	55985	50
	3/16	55986	50
4-40 UNC Key Size 0.050"	1/4	55987	50
	1/8	55988	50
	3/16	55989	50
	1/4	85998	50
5-40 UNC Key Size 1/16"	5/16	85999	50
	3/8	86000	50
	1/2	86001	50
	5/8	86002	50
6-32 UNC Key Size 1/16"	1/8	55990	50
	3/16	55991	50
	1/4	55992	50
	5/16	55993	50
8-32 UNC Key Size 5/64"	3/8	55994	50
	1/2	55995	50
	5/8	55996	50
	3/4	55997	50
10-24 UNC Key Size 3/32"	1/8	55998	50
	3/16	55999	50
	1/4	3700	50
	5/16	3701	50
10-32 UNF Key Size 3/32"	3/8	3702	50
	1/2	3703	50
	5/8	56000	50
	3/4	86003	50
10-32 UNF Key Size 3/32"	7/8	56001	50
	1	56002	50
	1/8	56003	50
	3/16	56004	50
10-32 UNF Key Size 3/32"	1/4	3705	50
	5/16	3704	50
	3/8	3706	50
	1/2	3707	50
10-32 UNF Key Size 3/32"	5/8	56005	50
	3/4	86004	50
	7/8	56006	50
	1	56007	50
10-32 UNF Key Size 3/32"	3/16	3708	50
	1/4	3710	50
	5/16	3709	50
	3/8	3711	50
10-32 UNF Key Size 3/32"	1/2	3712	50
	5/8	56008	50
	3/4	3713	50
	7/8	56009	50
10-32 UNF Key Size 3/32"	1	3714	50
	1-1/4	56010	50
	3/16	3718	50
	1/4	3715	50
10-32 UNF Key Size 3/32"	5/16	3719	50
	3/8	3716	50
	1/2	3717	50
	5/8	56044	50
10-32 UNF Key Size 3/32"	3/4	3727	50
	1	56045	50
10-32 UNF Key Size 3/32"	1-1/4	56046	50

Dia.	Length (Inches)	Part No.	Pkg. Qty.
1/4-20 UNC Key Size 1/8"	3/16	56011	50
	1/4	3720	50
	5/16	3721	50
	3/8	3722	50
1/4-20 UNC Key Size 1/8"	1/2	3723	50
	5/8	3724	50
	3/4	3725	50
	7/8	56012	50
1/4-28 UNF Key Size 1/8"	1	3726	50
	1-1/4	86005	25
	1-1/2	86006	25
	1-3/4	86007	25
1/4-28 UNF Key Size 1/8"	2	86008	25
	3/16	56047	50
	1/4	3720 01	50
	5/16	3721 01	50
1/4-28 UNF Key Size 1/8"	3/8	3722 01	50
	1/2	3723 01	50
	5/8	56048	50
	3/4	3725 01	50
1/4-28 UNF Key Size 1/8"	1	56049	50
	1-1/4	56050	25
	1/4	3729	50
	5/16	3730	50
5/16-18 UNC Key Size 5/32"	3/8	3731	50
	1/2	3732	50
	5/8	56013	50
	3/4	3734	50
5/16-18 UNC Key Size 5/32"	7/8	56014	50
	1	56015	50
	1-1/4	86009	25
	1-1/2	86010	25
5/16-24 UNF Key Size 5/32"	1-3/4	56016	25
	2	56017	25
	1/4	3736	50
	5/16	3730 01	50
5/16-24 UNF Key Size 5/32"	3/8	3731 01	50
	1/2	3732 01	50
	5/8	56051	50
	3/4	3734 01	50
5/16-24 UNF Key Size 5/32"	1	56052	50
	1/4	56018	50
	5/16	3737	50
	3/8	3740	50
3/8-16 UNC Key Size 3/16"	1/2	3741	50
	5/8	3742	50
	3/4	3743	25
	7/8	56019	25
3/8-16 UNC Key Size 3/16"	1	3744	25
	1-1/4	86011	25
	1-1/2	86012	25
	1-3/4	56025	25
3/8-16 UNC Key Size 3/16"	2	56020	25
	2-1/2	56021	25

Dia.	Length (Inches)	Part No.	Pkg. Qty.
3/8-24 UNF Key Size 3/16"	1/4	56053	50
	5/16	3738	50
	3/8	3740 01	50
	1/2	3741 01	50
3/8-24 UNF Key Size 3/16"	5/8	3742 01	50
	3/4	3743 01	25
	1	90860	25
	1-1/4	56054	25
7/16-14 UNC Key Size 7/32"	1-1/2	56055	25
	3/8	3739	50
	1/2	3745	50
	5/8	3746	50
7/16-14 UNC Key Size 7/32"	3/4	3747	25
	7/8	56022	25
	1	3748	25
	1-1/4	56023	25
7/16-20 UNF Key Size 7/32"	1-1/2	56024	25
	2	56026	25
	3/8	56056	50
	1/2	90861	50
1/2-13 UNC Key Size 1/4"	3/8	56027	25
	1/2	3750	25
	5/8	3751	25
	3/4	3752	25
1/2-20 UNF Key Size 1/4"	7/8	56028	25
	1	3749	25
	1-1/4	3753	25
	1-1/2	86013	25
1/2-20 UNF Key Size 1/4"	1-3/4	86014	25
	2	86015	25
	2-1/2	56029	10
	3	56030	10
5/8-11 UNC Key Size 5/16"	1/2	3750 01	25
	5/8	3751 01	25
	3/4	3752 01	25
	1	56057	25
5/8-11 UNC Key Size 5/16"	1/2	56031	25
	5/8	3754	25
	3/4	3755	25
	1	3756	25
3/4-10 UNC Key Size 3/8"	1-1/4	56032	10
	1-1/2	56033	10
	1-3/4	56034	10
	2	56035	10
3/4-10 UNC Key Size 3/8"	2-1/2	56036	10
	3	56037	10
	3/4	3758	25
	1	3759	25
3/4-10 UNC Key Size 3/8"	1-1/4	56038	10
	1-1/2	56039	10
	1-3/4	56040	10
	2	56041	10
3/4-10 UNC Key Size 3/8"	2-1/2	56042	10
	3	56043	10



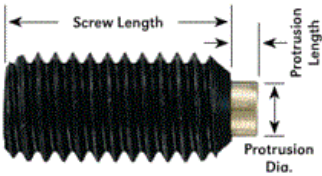
Socket Set Screws – Brass Tip

The use of a brass tip set screw eliminates the need to use two standard set screws at a 90° angle to each other. The soft brass tip indents to the curvature of the shaft and effectively locks it in place.

- Alloy steel heat-treated to Rc 28-34
  - Locks collars, pulleys, bearings, cams, etc., to shafts
- Protects finished surfaces and threads
  - Restricts shaft end play for better control

Dia. (Protrusion)	Length (Inches)	Part No.	Pkg. Qty.
4-40 UNC (1/16" x 1/32") 0.050" Key	1/8	60276	10
	1/4	60277	10
	5/16	60278	10
	3/8	60279	10
6-32 UNC (1/16" x 1/32") 1/16" Key	1/4	60280	10
	5/16	60281	10
	3/8	60282	10
	1/2	60283	10
8-32 UNC (3/32" x 3/64") 5/64" Key	1/4	60284	10
	5/16	60285	10
	3/8	60286	10
	1/2	60287	10
10-24 UNC (3/32" x 3/64") 3/32" Key	3/16	60288	10
	1/4	60289	10
	5/16	60290	10
	3/8	60291	10
10-32 UNF (3/32" x 3/64") 3/32" Key	1/2	60292	10
	5/8	60293	10
	3/4	60294	10
	3/16	60295	10
1/4-20 UNC (1/8" x 1/16") 1/8" Key	1/4	60296	10
	5/16	60297	10
	3/8	60298	10
	1/2	60299	10
1/4-28 UNF (1/8" x 1/16") 1/8" Key	5/8	60300	10
	3/4	60301	10
	1/4	60302	10
	5/16	60303	10
1/4-20 UNC (1/8" x 1/16") 1/8" Key	3/8	60304	10
	1/2	60305	10
	5/8	60306	10
	3/4	60307	10
1/4-28 UNF (1/8" x 1/16") 1/8" Key	1	60308	10
	1/4	60309	10
	5/16	60310	10
	3/8	60311	10
1/4-28 UNF (1/8" x 1/16") 1/8" Key	1/2	60312	10
	5/8	60313	10

Dia. (Protrusion)	Length (Inches)	Part No.	Pkg. Qty.
5/16-18 UNC (3/16" x 3/32") 5/32" Key	1/4	60314	10
	5/16	60315	10
	3/8	60316	10
	1/2	60317	10
5/16-24 UNF (3/16" x 3/32") 5/32" Key	5/8	60318	10
	3/4	60319	10
	1	60320	10
	1/4	60321	10
3/8-16 UNC (3/16" x 3/32") 3/16" Key	5/16	60322	10
	3/8	60323	10
	1/2	60324	10
	3/4	60325	10
3/8-24 UNF (3/16" x 3/32") 3/16" Key	5/16	60326	10
	3/8	60327	10
	1/2	60328	10
	5/8	60329	10
1/2-13 UNC (1/4" x 1/8") 1/4" Key	3/4	60330	10
	1	60331	10
	5/16	60332	10
	3/8	60333	10
1/2-13 UNC (1/4" x 1/8") 1/4" Key	1/2	60334	10
	5/8	60335	10
	3/4	60336	10
	1	60337	10
1/2-13 UNC (1/4" x 1/8") 1/4" Key	1/2	60338	10
	5/8	60339	10
	3/4	60340	10
	1	60341	10







## Socket Low Head Capscrews

- Precision fasteners designed for applications where head height clearance is a problem

- Conforms to ANSI Specification B18.3
- 170,000 PSI minimum tensile strength
- 150,000 PSI minimum yield strength

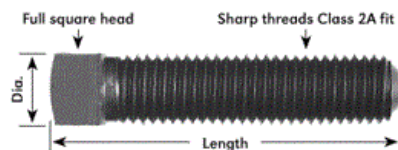
Dia.	Length (Inches)	Part No.	Pkg. Qty.
8-32 UNC	3/8	56399	50
	1/2	56400	50
	5/8	56401	50
	3/4	56402	50
	1	56403	50
10-24 UNC	3/8	56404	50
	1/2	56405	50
	5/8	56406	50
	3/4	56407	50
	1	56408	50
10-32 UNF	3/8	56471	50
	1/2	56472	50
	5/8	56473	50
	3/4	56474	50
	1	56475	50
1/4-20 UNC	3/8	56409	50
	1/2	56410	50
	5/8	56411	50
	3/4	56412	50
	1	56413	50

Dia.	Length (Inches)	Part No.	Pkg. Qty.
5/16-18 UNC	1/2	56414	50
	3/4	56415	50
	1	56416	50
	1-1/4	56417	50
	1-1/2	56418	50
3/8-16 UNC	1/2	56419	25
	3/4	56420	25
	1	56421	25
	1-1/4	56422	25
	1-1/2	56423	25
1/2-13 UNC	1	56424	25
	1-1/4	56425	25
	1-1/2	56426	25
	1-1/2	56426	25
	1-1/2	56426	25



## Square Head Set (Jack) Screws

- UNC threads
- Cold-working quality carbon steel
- Case-hardened to Rc 53 minimum
- Cup point



Dia.	Length (Inches)	Part No.	Pkg. Qty.
1/4-20 UNC	1/2	3900	25
	5/8	3901	25
	3/4	3902	25
	1	3903	25
	1-1/4	3904	25
5/16-18 UNC	1-1/2	3905	25
	1/2	3908	25
	5/8	3909	25
	3/4	3910	25
	1	3911	25
3/8-16 UNC	1-1/4	3912	25
	1-1/2	3913	25
	1-3/4	3914	25
	2	3915	25
	1/2	3919	25
1/2-13 UNC	5/8	3920	25
	3/4	3921	25
	1	3922	25
	1-1/4	3923	25
	1-1/2	3924	25
5/8-11 UNC	1-3/4	3925	25
	2	3926	25
	3	85159	10
	3-1/2	85160	10
	4	85161	10

Dia.	Length (Inches)	Part No.	Pkg. Qty.
7/16-14 UNC	3/4	3931	10
	1	3932	10
	1-1/4	3933	10
	1-1/2	3934	10
	1-3/4	3935	10
1/2-13 UNC	2	3936	10
	2-1/4	3937	10
	2-1/2	3938	10
	3/4	3941	10
	1	3942	10
5/8-11 UNC	1-1/4	3943	10
	1-1/2	3944	10
	1-3/4	3945	10
	2	3946	10
	2-1/4	3947	10
1-8 UNC	2-1/2	3948	10
	2-3/4	3949	10
	3	3950	10
	4	85162	5
	5	85163	5
1-8 UNC	6	85164	5
	1	3953	10
	1-1/2	3954	10
	2	3955	10
	2-1/4	85165	5
1-8 UNC	2-1/2	85166	5
	3	85167	5
	3-1/2	85168	5
	4	85169	5
	4-1/2	85170	5
1-8 UNC	5	85171	5
	6	85172	5

Dia.	Length (Inches)	Part No.	Pkg. Qty.
3/4-10 UNC	3	85173	5
	3-1/2	85174	5
	4	85175	5
	4-1/2	85176	5
	5	85177	5
7/8-9 UNC	6	85178	5
	3	85179	5
	3-1/2	85180	5
	4	85181	5
	4-1/2	85182	5
1-8 UNC	5	85183	5
	6	85184	5
	3	85185	5
	3-1/2	85186	5
	4	85187	5
1-8 UNC	4-1/2	85188	5
	5	85189	5
	6	85190	5



Available In Assortment

LP176

(24 items, 275 pieces)

See page 6-45

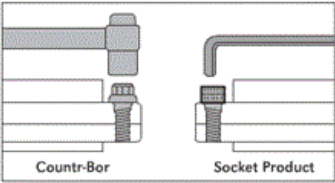
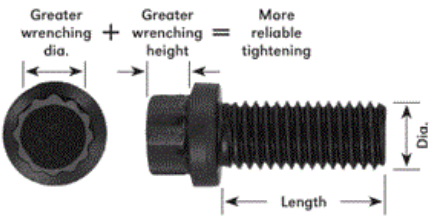


Countr-Bor Screws

- Countr-Bor Screws generate higher clamp loads because they are torqued through an external drive (socket); standard hex socket head screws are torqued by an internal drive (hex key)
- Lawson's Countr-Bor Screws can replace any standard hex socket head screw
- 12 point screw fits into same counter-bored hole – use standard 12 point socket
- Tensile strength: 180,000 PSI (up to and including 1/2" dia.); 170,000 PSI (over 1/2" dia.)
- Heat-treated alloy steel
- Class 3A UNC threads – ANSI Specification B1.1
- All dimensional properties meet IFI-115 and SAE J58 specifications

NOTE: Use a wrench or socket size which corresponds to the diameter of the screw.  
For example, a 5/16" dia. screw is installed by using a 5/16", 12 point standard socket.

External wrenching on a larger surface insures a more accurate clamp load



Dia.	Length (Inches)	Part No.	Pkg. Qty.
1/4-20 UNC	1/2	85277	50
	3/4	85278	50
	1	85279	50
	1-1/4	85280	50
	1-1/2	85281	50
	2-1/4	85282	25
1/4-28 UNF	2-1/2	85283	25
	1/2	55910	50
	3/4	55911	50
	1	55912	50
	1-1/4	55913	50
	1-1/2	55914	50
5/16-18 UNC	2-1/4	55915	25
	2-1/2	55916	25
	1/2	85284	50
	5/8	85285	50
	3/4	85286	50
	7/8	85287	50
5/16-24 UNF	1	85288	50
	1-1/4	85289	50
	1-1/2	85290	25
	2	85291	25
	2-1/4	85292	25
	1/2	55917	50
3/8-16 UNC	5/8	55918	50
	3/4	55919	50
	7/8	55920	50
	1	55921	50
	1-1/4	55922	50
	1-1/2	55923	25
1/2-13 UNC	2	55924	25
	2-1/4	55925	25
	3/4	85293	50
	1	85294	50
	1-1/4	85295	25
	1-1/2	85296	25
3/4-10 UNC	1-3/4	85297	25
	2	85298	25
	2-1/2	85299	25
	3	85300	25
	3-1/2	85301	10
	4	85302	10
3/4-16 UNF	4-1/2	85303	10
	5	85304	10

Dia.	Length (Inches)	Part No.	Pkg. Qty.
3/8-24 UNF	3/4	55926	50
	1	55927	50
	1-1/4	55928	25
	1-1/2	55929	25
	1-3/4	55930	25
	2	55931	25
7/16-14 UNC	2-1/2	55932	25
	3	55933	25
	3-1/2	55934	10
	4	55935	10
	4-1/2	55936	10
	5	55937	10
7/16-20 UNF	1	85305	25
	1-1/2	85306	25
	1-3/4	85307	25
	2	85308	25
	2-1/2	85309	25
	3	85310	25
1/2-13 UNC	3-1/2	85311	10
	4	85312	10
	1	55938	25
	1-1/2	55939	25
	1-3/4	55940	25
	2	55941	25
3/4-10 UNC	2-1/2	55942	25
	3	55943	25
	3-1/2	55944	10
	4	55945	10
	1	85313	10
	1-1/4	85314	10
1/2-20 UNF	1-1/2	85315	10
	1-3/4	85316	10
	2	85317	10
	2-1/2	85318	10
	3	85319	10
	3-1/2	85320	10
3/4-16 UNF	4	85321	10
	4-1/2	85322	10
3/4-10 UNC	6	85323	10

Dia.	Length (Inches)	Part No.	Pkg. Qty.
1/2-20 UNF	1	55946	10
	1-1/4	55947	10
	1-1/2	55948	10
	1-3/4	55949	10
	2	55950	10
	2-1/2	55951	10
5/8-11 UNC	3	55952	10
	3-1/2	55953	10
	4	55954	10
	4-1/2	55955	10
	6	55956	10
	1	85324	10
5/8-18 UNF	1-1/2	85325	10
	1-3/4	85326	10
	2	85327	10
	2-1/2	85328	10
	3	85329	10
	3-1/2	85330	10
3/4-10 UNC	4	85331	10
	4-1/2	85332	10
	1	55957	10
	1-1/2	55958	10
	1-3/4	55959	10
	2	55960	10
3/4-16 UNF	2-1/2	55961	10
	3	55962	10
	3-1/2	55963	10
	4	55964	10
	4-1/2	55965	10
	1-1/2	85333	10
3/4-10 UNC	2	85334	10
	2-1/2	85335	5
	3	85336	5
	3-1/2	85337	5
	4	85338	5
	4-1/2	85339	5
3/4-16 UNF	5	85340	5
	1-1/2	55966	10
	2	55967	10
	2-1/2	55968	5
	3	55969	5
	3-1/2	55970	5
3/4-16 UNF	4	55971	5
	4-1/2	55972	5
3/4-16 UNF	5	55973	5





## METRIC Socket Fasteners

www.calgro.com.mx Tel.(33)3609-1649  
ventas@calgro.com.mx

### Metric Socket Head Capscrews Property Class 12.9

- 1,220 MPa (177,000 PSI) minimum ultimate tensile strength
- Chrome-moly alloy steel, heat-treated
- Black finish



Length (mm)	M3		M4		M5		M6		M8			
	Coarse Part No.	Pkg. Qty.	Coarse Part No.	Pkg. Qty.	Coarse Part No.	Pkg. Qty.	Coarse Part No.	Pkg. Qty.	Coarse Part No.	Pkg. Qty.	Fine Part No.	Pkg. Qty.
4	15119*	25										
5	15120*	25	15123*	25								
6	99110*	25	87480*	25	87483*	25						
8	99111*	25	87481*	25	87484*	25	87488*	25				
10	99112*	25	80493*	25	80497*	25	80502*	25				
12	99113*	25	80494*	25	80498*	25	80503*	25	80509*	25		
14	15121*	25	15124*	25	87485*	25	87489*	25	15126*	25		
16	99114*	25	80495*	25	80499*	25	80504*	25	80510*	25	15441*	25
18	15122*	25	15125*	25	87486*	25	87490*	25	15127*	25		
20	53864*	25	80496*	25	80500*	25	80505*	25	80511*	25	15442*	25
25	53865	25	87482*	25	54052*	25	80506*	25	80512*	25	15443*	25
30	53866	25	53871	25	80501	25	80507	25	80513*	25	15444*	25
35	53867	25	53872	25	54053	25	82229	25	87491	25	15445	25
40	53868	25	53873	25	87487	25	80508	25	80514	25	15446	25
45	53869	25	53874	25	53881	25	82230	25	87492	25		
50	53870	25	53875	25	53882	25	82231	25	80515	25	15447	25
55			53876	25	53883	25	82232	25	15128	25		
60			53877	25	53884	25	82233	25	87493	25	15448	25
65			53878	25	53885	25	82234	25	15129	25		
70			53879	25	53886	25	82235	25	87494	10		
75							82236	25	15130	10		
80			53880	10	53887	10	53890	25	87495	10	15449	10
90					53888	10	53891	25	53895	10		
100					53889	10	53892	25	53896	10		
110							53893	10	53897	10		
120							53894	10	53898	10		
130									53899	10		
140									15131	10		
150									15132	10		
160									15133	10		
180									15134	5		
200									15135	5		

\*Full Thread

### Metric DIN 912 Specifications Socket Head Capscrews

Dia.	Coarse Pitch	Fine Pitch	Extra Fine Pitch	Key Size
M3	0.5	-	-	2.5
M4	0.7	0.5	-	3
M5	0.8	0.5	-	4
M6	1.0	0.75	-	5
M8	1.25	1.0	0.75	6
M10	1.5	1.25	1.0	8
M12	1.75	1.5	1.25	10
M14	2.0	1.5	1.25	12
M16	2.0	1.5	-	14
M18	2.5	1.5	-	14
M20	2.5	2.0	1.5	17
M22	2.5	-	-	17
M24	3.0	2.0	1.5	19
M30	3.5	-	-	22



Available In Assortment

**LP126**  
(28 items, 171 pieces)  
See page 6-46



Metric Socket Head Capscrews  
Property Class 12.9

- 1,220 MPa (177,000 PSI) minimum ultimate tensile strength
- Chrome-moly alloy steel, heat-treated
- Black finish



Length (mm)	M10				M12				M14		M16			
	Coarse Part No.	Pkg. Qty.	Fine Part No.	Pkg. Qty.	Coarse Part No.	Pkg. Qty.	Fine Part No.	Pkg. Qty.	Coarse Part No.	Pkg. Qty.	Coarse Part No.	Pkg. Qty.	Fine Part No.	Pkg. Qty.
16	80516*	25	15450*	25										
20	80517*	25	15451*	25	54055*	10	15459*	10						
25	80518*	25	15452*	25	80523*	10	15460*	10	54505*	10	54463*	10		
30	80519*	25	15453*	25	80524*	10	15461*	10	54506*	10	99115*	10	15468*	10
35	53999	25	15454	25	54056*	10	15462*	10	54507*	10	54464*	10	15469*	10
40	80520	25	15455	25	80525*	10	15463*	10	54508*	10	99116*	10	15470*	10
45	54054	25			54057	10			54509	10	54465*	10		
50	80521	25	15456	25	80526	10	15464	10	54510	10	99117*	10	15471*	10
55	15136	25			15143	10			15151	10				
60	80522	10	15457	10	80527	10	15465	10	54511	10	99118	10	15472	10
65	15137	10			15144	10			54512	5				
70	87496	10			80528	10	15466	10	54513	5	99119	10	15473	10
75	15138	10			15145	10								
80	87497	10	15458	10	80529	10	15467	10	54514	5	99120	10	15474	10
90	53900	10			53907	10			54515	5	53914	5		
100	53901	10			53908	10			54516	5	53915	5		
110	53902	10			53909	5			15152	5	53916	5		
120	53903	5			53910	5			15153	5	53917	5		
130	53904	5			53911	5					53918	5		
140	53905	5			53912	5					53919	5		
150	53906	5			53913	5					53920	5		
160	15139	5			15146	5					15154	5		
170	15140	5			15147	5					15155	5		
180	15141	5			15148	5					15156	5		
190					15149	5					15157	5		
200	15142	5			15150	5					15158	5		

\*Full Thread

Length (mm)	M18		M20		M22		M24		M30	
	Coarse Part No.	Pkg. Qty.	Coarse Part No.	Pkg. Qty.	Coarse Part No.	Pkg. Qty.	Coarse Part No.	Pkg. Qty.	Coarse Part No.	Pkg. Qty.
30	15159*	5	15171*	5						
35			53921*	5						
40	15160*	5	53922*	5			53936*	2		
45			53923*	5			53937*	2		
50	15161*	5	53924*	5			53938*	2		
55			53925*	5			53939*	2		
60	15162	5	53926	5	15177*	5	53940*	2	15433	1
65							53941	2		
70	15163	5	53927	5	15178*	5	53942	2	15434	1
80	15164	5	53928	5	15179	5	53943	2	15435	1
90	15165	2	53929	2	15180	2	53944	2	15436	1
100	15166	2	53930	2	15181	2	53945	2	15437	1
110	15167	2	53931	2	15182	2	53946	1	15438	1
120	15168	2	53932	2			53947	1	15439	1
130	15169	2	53933	2			53948	1	15440	1
140	15170	2	53934	2			53949	1		
150			53935	2			53950	1		
160			15172	2						
170			15173	2						
180			15174	2			15183	1		
190			15175	2						
200			15176	2			15184	1		

\*Full Thread

Metric DIN 912 Specifications  
Socket Head Capscrews

Dia.	Coarse Pitch	Fine Pitch	Extra Fine Pitch	Key Size
M3	0.5	-	-	2.5
M4	0.7	0.5	-	3
M5	0.8	0.5	-	4
M6	1.0	0.75	-	5
M8	1.25	1.0	0.75	6
M10	1.5	1.25	1.0	8
M12	1.75	1.5	1.25	10
M14	2.0	1.5	1.25	12
M16	2.0	1.5	-	14
M18	2.5	1.5	-	14
M20	2.5	2.0	1.5	17
M22	2.5	-	-	17
M24	3.0	2.0	1.5	19
M30	3.5	-	-	22



Available In Assortment

LP126

(28 items, 171 pieces)

See page 6-46





## METRIC Socket Fasteners

www.calgro.com.mx Tel.(33)3609-1649

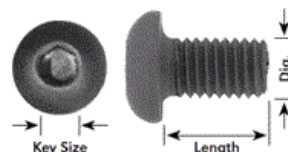
ventas@calgro.com.mx

### Metric Button Head Socket Capscrews ISO 7380, Property Class 10.9

- 1,040 MPa (150,000 PSI) tensile strength
- Black oxide finish
- For use with metric hex keys
- Coarse pitch

Available In Assortment

**LP741**  
(22 items, 430 pieces)  
See page 6-46



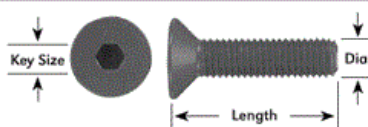
Dia.	Length (mm)	Part No.	Pkg. Qty.
M3 x 0.5 M2 Key	5	15397	25
	6	87518	25
	8	87519	25
	10	87520	25
	12	87521	25
	14	15398	25
M4 x 0.7 M2.5 Key	16	15399	25
	6	15400	25
	8	87522	25
	10	87523	25
	12	87524	25
	14	15401	25
M5 x 0.8 M3 Key	16	87525	25
	20	15402	25
	25	15403	25
	6	15404	25
	8	15405	25
	10	87526	25

Dia.	Length (mm)	Part No.	Pkg. Qty.
M6 x 1.0 M4 Key	12	87533	25
	14	15409	25
	16	87534	25
	18	15410	25
	20	87535	25
	22	15411	25
M8 x 1.25 M5 Key	25	87536	25
	30	87537	25
	35	15412	25
	40	15413	25
	10	87538	25
	12	87539	25

Dia.	Length (mm)	Part No.	Pkg. Qty.
M10 x 1.5 M6 Key	16	87546	25
	18	15419	25
	20	87547	25
	25	87548	25
	30	87549	25
	35	87550	25
M12 x 1.75 M8 Key	40	87551	25
	45	15420	25
	50	15421	25
	55	15422	20
	60	15423	20
	20	15424	25

### Metric Flat Head Socket Capscrews DIN 7991, Property Class 10.9

- 1,040 MPa (150,000 PSI) tensile strength
- Black finish
- Coarse pitch



Dia.	Length (mm)	Part No.	Pkg. Qty.
M3 x 0.5 M2 Key	6	87559	25
	8	87560	25
	10	87561	25
	12	87562	25
	16	87563	25
	20	87564	25
M4 x 0.7 M2.5 Key	25	15185	25
	30	15186	25
	6	15187	25
	8	87565	25
	10	87566	25
	12	87567	25

Dia.	Length (mm)	Part No.	Pkg. Qty.
M6 x 1.0 M4 Key	16	87580	25
	20	87581	25
	25	87582	25
	30	87583	25
	35	87584	25
	40	87585	25
M8 x 1.25 M5 Key	50	15198	25
	60	15199	25
	12	87586	25
	14	15200	25
	16	87587	25
	18	15201	25

Dia.	Length (mm)	Part No.	Pkg. Qty.
M12 x 1.75 M8 Key	20	87601	10
	25	87602	10
	30	87603	10
	35	87604	10
	40	87605	10
	45	87606	10
M14 x 2.0 M10 Key	50	87607	10
	60	15209	10
	70	15210	10
	80	15211	10
	40	15212	10
	50	15213	10

Dia.	Length (mm)	Part No.	Pkg. Qty.
M5 x 0.8 M3 Key	8	87571	25
	10	87572	25
	12	87573	25
	14	15191	25
	16	87574	25
	18	15192	25

Dia.	Length (mm)	Part No.	Pkg. Qty.
M10 x 1.5 M6 Key	20	87575	25
	25	87576	25
	30	87577	25
	35	15193	25
	40	15194	25
	50	15195	25

Dia.	Length (mm)	Part No.	Pkg. Qty.
M16 x 2.0 M10 Key	60	15214	10
	30	99121	10
	40	99122	10
	50	99123	10
	60	99124	10
	70	15215	10

Dia.	Length (mm)	Part No.	Pkg. Qty.
M20 x 2.5 M12 Key	80	15216	10
	100	15217	5
	40	15218	5
	50	15219	5
	60	15220	5
	70	15221	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M10 x 1.5 M6 Key	16	87594	25
	20	87595	25
	25	87596	25
	30	87597	25
	35	87598	25
	40	87599	25

Dia.	Length (mm)	Part No.	Pkg. Qty.
M12 x 1.75 M8 Key	45	15205	25
	50	87600	25
	60	15206	10
	70	15207	10
	80	15208	10
	16	87594	25

Dia.	Length (mm)	Part No.	Pkg. Qty.
M14 x 2.0 M10 Key	20	87594	25
	25	87595	25
	30	87596	25
	35	87597	25
	40	87598	25
	45	87599	25

Dia.	Length (mm)	Part No.	Pkg. Qty.
M16 x 2.0 M10 Key	50	15205	25
	60	87600	25
	70	15206	10
	80	15207	10
	90	15208	10
	100	15209	10

Dia.	Length (mm)	Part No.	Pkg. Qty.
M18 x 2.5 M12 Key	110	15210	10
	120	15211	10
	130	15212	10
	140	15213	10
	150	15214	10
	160	15215	10

Dia.	Length (mm)	Part No.	Pkg. Qty.
M20 x 2.5 M12 Key	170	15216	10
	180	15217	5
	190	15218	5
	200	15219	5
	210	15220	5
	220	15221	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M22 x 2.5 M14 Key	230	15222	5
	240	15223	5
	250	15224	5
	260	15225	5
	270	15226	5
	280	15227	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M24 x 3.0 M16 Key	290	15228	5
	300	15229	5
	310	15230	5
	320	15231	5
	330	15232	5
	340	15233	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M26 x 3.0 M18 Key	350	15234	5
	360	15235	5
	370	15236	5
	380	15237	5
	390	15238	5
	400	15239	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M28 x 3.0 M20 Key	410	15240	5
	420	15241	5
	430	15242	5
	440	15243	5
	450	15244	5
	460	15245	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M30 x 3.0 M22 Key	470	15246	5
	480	15247	5
	490	15248	5
	500	15249	5
	510	15250	5
	520	15251	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M32 x 3.0 M24 Key	530	15252	5
	540	15253	5
	550	15254	5
	560	15255	5
	570	15256	5
	580	15257	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M36 x 3.0 M28 Key	590	15258	5
	600	15259	5
	610	15260	5
	620	15261	5
	630	15262	5
	640	15263	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M40 x 3.0 M30 Key	650	15264	5
	660	15265	5
	670	15266	5
	680	15267	5
	690	15268	5
	700	15269	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M45 x 3.0 M36 Key	710	15270	5
	720	15271	5
	730	15272	5
	740	15273	5
	750	15274	5
	760	15275	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M48 x 3.0 M39 Key	770	15276	5
	780	15277	5
	790	15278	5
	800	15279	5
	810	15280	5
	820	15281	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M52 x 3.0 M42 Key	830	15282	5
	840	15283	5
	850	15284	5
	860	15285	5
	870	15286	5
	880	15287	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M56 x 3.0 M45 Key	890	15288	5
	900	15289	5
	910	15290	5
	920	15291	5
	930	15292	5
	940	15293	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M60 x 3.0 M48 Key	950	15294	5
	960	15295	5
	970	15296	5
	980	15297	5
	990	15298	5
	1000	15299	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M64 x 3.0 M51 Key	1010	15300	5
	1020	15301	5
	1030	15302	5
	1040	15303	5
	1050	15304	5
	1060	15305	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M68 x 3.0 M54 Key	1070	15306	5
	1080	15307	5
	1090	15308	5
	1100	15309	5
	1110	15310	5
	1120	15311	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M72 x 3.0 M57 Key	1130	15312	5
	1140	15313	5
	1150	15314	5
	1160	15315	5
	1170	15316	5
	1180	15317	5

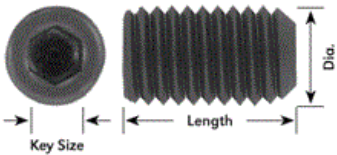
Dia.	Length (mm)	Part No.	Pkg. Qty.
M76 x 3.0 M60 Key	1190	15318	5
	1200	15319	5
	1210	15320	5
	1220	15321	5
	1230	15322	5
	1240	15323	5

Dia.	Length (mm)	Part No.	Pkg. Qty.
M80 x 3.0 M63 Key			



Metric Socket Set Screws  
DIN 916, Property Class 12.9

- 1,220 MPa (177,000 PSI) tensile strength
- Chrome-moly alloy steel, heat-treated
- Cup type
- Black oxide finish
- For use with metric hex keys
- Coarse pitch



Dia.	Length (mm)	Part No.	Pkg. Qty.
M1.6 x 0.35 M0.7 Key	3	15336	10
	4	15337	10
	5	15338	10
M2 x 0.4 M0.9 Key	2.5	15339	50
	3	15340	50
	4	15341	50
	5	15342	50
	6	15343	50
M2.5 x 0.45 M1.3 Key	8	15344	50
	10	15345	50
	3	15346	50
	4	15347	50
	5	15348	50
M3 x 0.5 M1.5 Key	6	15349	50
	8	15350	50
	10	15351	50
	3	80530	50
	4	80531	50
M4 x 0.7 M2 Key	5	15352	50
	6	80532	50
	8	80533	50
	10	80534	50
	12	80535	50
M5 x 0.8 M2.5 Key	16	15353	50
	20	15354	50
	4	80536	50
	5	80537	50
	6	80538	50
M6 x 1.0 M3 Key	8	80539	50
	10	80540	50
	12	80541	50
	14	80542	50
	16	15355	50
M8 x 1.25 M4 Key	20	15356	50
	25	15357	50
	30	15358	50
	35	15359	50
	40	15360	50

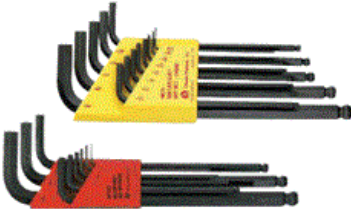
Dia.	Length (mm)	Part No.	Pkg. Qty.
M5 x 0.8 M2.5 Key	5	80543	50
	6	80544	50
	8	80545	50
	10	80546	50
	12	80547	50
M6 x 1.0 M3 Key	14	80548	50
	16	80549	50
	20	80550	50
	25	15361	50
	30	15362	50
M8 x 1.25 M4 Key	35	15363	50
	40	15364	25
	6	80551	50
	8	80552	50
	10	80553	50
M10 x 1.5 M5 Key	12	80554	50
	14	80555	50
	16	80556	50
	20	80557	25
	25	80558	25
M12 x 1.75 M6 Key	30	80559	25
	35	15365	25
	40	15366	25
	8	80560	50
	10	80561	50
M16 x 2.0 M8 Key	12	80562	50
	14	80563	25
	16	80564	25
	20	80565	25
	25	80566	20
M20 x 2.5 M10 Key	30	80567	20
	35	15367	20
	40	80568	10
	50	15368	10
	60	15369	10

Dia.	Length (mm)	Part No.	Pkg. Qty.
M10 x 1.5 M5 Key	10	80569	25
	12	80570	25
	14	80571	20
	16	80572	20
	20	80573	20
M12 x 1.75 M6 Key	25	80574	20
	30	80575	20
	35	15370	20
	40	80576	10
	45	15371	10
M16 x 2.0 M8 Key	50	15372	10
	60	15373	10
	12	80577	10
	14	80578	10
	16	80579	10
M20 x 2.5 M10 Key	20	80580	10
	25	80581	10
	30	80582	10
	35	15374	10
	40	80583	10
M24 x 3.0 M12 Key	45	15375	10
	50	80584	10
	60	15376	10
	16	15377	10
	20	15378	10
M10 x 1.5 M5 Key	25	15379	10
	30	15380	5
	35	15381	5
	40	15382	5
	50	15383	5
M12 x 1.75 M6 Key	60	15384	2
	70	15385	2
	80	15386	2
	20	15387	2
	25	15388	2
M16 x 2.0 M8 Key	30	15389	2
	35	15390	2
	40	15391	2
	50	15392	2
	60	15393	2
M20 x 2.5 M10 Key	40	15394	1
	50	15395	1
	60	15396	1

RELATED ITEMS

**Balldriver® Hex Key Sets**  
For Individual Fractional and Metric Size Keys, see page 15-48 for ordering information.

Description	Part No.	Pkg. Qty.
Balldriver® Fractional Set	53859	1
Balldriver® Metric Set	94320	1
Fractional Holder	60007	1
Metric Holder	60008	1
Balldriver® Combination Set	15858	1







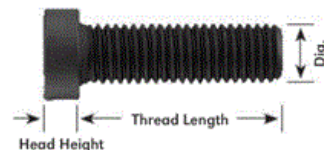
## METRIC Socket Fasteners

www.calgro.com.mx Tel.(33)3609-1649  
ventas@calgro.com.mx

### Metric Low Head Socket Capscrews Property Class 8.8

- DIN 7984
- 830 MPa (120,000 PSI) minimum ultimate tensile strength

- Alloy steel
- Black finish



Dia.	Length (mm)	Part No.	Pkg. Qty.
M3 x 0.5 M2 Key 2mm Head Height	5	60357	25
	6	60358	25
	8	60359	25
	10	60360	25
	12	60361	25
M4 x 0.7 M2.5 Key 2.8mm Head Height	16	60362	25
	20	60363	25
	25	60364	25
	6	60365	25
	8	60366	25
	10	60367	25
	12	60368	25
	16	60369	25
	20	60370	25
	25	60371	25

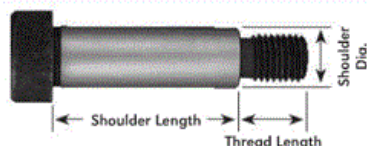
Dia.	Length (mm)	Part No.	Pkg. Qty.
M5 x 0.8 M3 Key 3.5mm Head Height	6	60372	25
	8	60373	25
	10	60374	25
	12	60375	25
	16	60376	25
M6 x 1.0 M4 Key 4mm Head Height	20	60377	25
	25	60378	25
	30	60379	25
	8	60380	25
	10	60381	25
	12	60382	25
	16	60383	25
	20	60384	25
	25	60385	25
	30	60386	25
M8 x 1.25 M5 Key 5mm Head Height	10	60387	25
	12	60388	25
	16	60389	25
	20	60390	25
	25	60391	25
	30	60392	25
	35	60393	25
	40	60394	25
	45	60395	25
	50	60396	25

Dia.	Length (mm)	Part No.	Pkg. Qty.
M10 x 1.5 M7 Key 6mm Head Height	16	60397	25
	20	60398	25
	25	60399	25
	30	60400	25
	35	60401	25
M12 x 1.75 M8 Key 7mm Head Height	40	60402	25
	45	60403	25
	50	60404	25
	20	60405	25
	25	60406	25
	30	60407	25
	35	60408	25
	40	60409	25
	45	60410	25
	50	60411	25

### Metric Socket Head Shoulder Screws

- Polished steel shoulder
- Meets ASME/ANSI B18.3.4M, 1986 ISO 7379, 9481 Grade 12.9

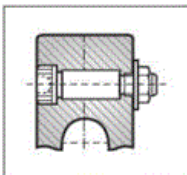
- Black oxide head and threads
- Heat-treated alloy steel



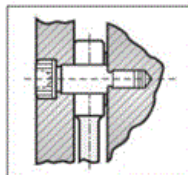
Shoulder Length (mm)	M6			M8			M10			M12			M16			M20		
	Part No.	Pkg. Qty.		Part No.	Pkg. Qty.		Part No.	Pkg. Qty.		Part No.	Pkg. Qty.		Part No.	Pkg. Qty.		Part No.	Pkg. Qty.	
10	56346	10																
12	56347	10		56354	10													
16	56348	10		56355	10	56362	10	56371	5									
20	56349	10		56356	10	56363	10	56372	5									
25	56350	10		56357	10	56364	10	56373	5									
30	56351	10		56358	10	56365	5	56374	5	56382	1							
40	56352	10		56359	5	56366	5	56375	1	56383	1	56391	1					
50	56353	5		56360	5	56367	5	56376	1	56384	1	56392	1					
60				56361	5	56368	5	56377	1	56385	1	56393	1					
70						56369	5	56378	1	56386	1	56394	1					
80						56370	5	56379	1	56387	1	56395	1					
90										56388	1	56396	1					
100										56381	1	56389	1	56397	1			
120												56390	1	56398	1			

### Shoulder Screw Specifications

Shoulder Dia.	Thread Dia.	Thread Length (mm)	Key Size
M6	M5 x 0.8	9.75	M3
M8	M6 x 1.0	11.25	M4
M10	M8 x 1.25	13.25	M5
M12	M10 x 1.5	16.40	M6
M16	M12 x 1.75	18.40	M8
M20	M16 x 2.0	22.40	M10



Stationary Guide

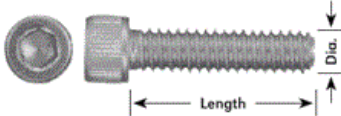


Moving Shaft or Pivot

# STAINLESS STEEL Socket Fasteners



## Stainless Steel Socket Head Capscrews Type 18-8



Dia.	Length (Inches)	Part No.	Pkg. Qty.
0-80 UNC Key Size 0.050"	1/8	99334	50
	3/16	99335	50
	1/4	99336	50
	3/8	52338	50
2-56 UNC Key Size 5/64"	1/8	99337	50
	3/16	96483	50
	1/4	96484	50
	3/8	96485	50
4-40 UNC Key Size 3/32"	1/2	96486	50
	5/8	99338	50
	3/4	99339	50
	3/16	99340	50
6-32 UNC Key Size 7/64"	1/4	96487	50
	5/16	99341	50
	3/8	96488	50
	1/2	96489	50
8-32 UNC Key Size 9/64"	5/8	96490	50
	3/4	96491	50
	7/8	99342	50
	1	99343	50
10-24 UNC Key Size 5/32"	1/4	91361	50
	5/16	99344	50
	3/8	91362	50
	1/2	7702	50
12-28 UNC Key Size 3/16"	5/8	7703	50
	3/4	7704	50
	7/8	99345	25
	1	96492	25
14-32 UNC Key Size 1/4"	1-1/4	99346	25
	1-1/2	99347	25
	2	52339	25
	1/4	96501	25
16-36 UNC Key Size 5/8"	5/16	99348	25
	3/8	91363	25
	1/2	7706	25
	5/8	7707	25
18-42 UNC Key Size 3/4"	3/4	7708	25
	7/8	99349	25
	1	7709	25
	1-1/4	99350	25
20-48 UNC Key Size 7/8"	1-1/2	99351	25
	2	52340	25
	1/4	19779	25
	5/16	19780	25
22-54 UNC Key Size 1"	3/8	91364	25
	1/2	7711	25
	5/8	91365	25
	3/4	7713	25
24-60 UNC Key Size 1-1/4"	7/8	99352	25
	1	7715	25
	1-1/4	7716	25
	1-1/2	7717	25
27-72 UNC Key Size 1-3/4"	2	96500	10
	2-1/2	52341	10
	3	52342	10

Dia.	Length (Inches)	Part No.	Pkg. Qty.
10-32 UNF Key Size 5/32"	1/4	19781	25
	5/16	19782	25
	3/8	96493	25
	1/2	96494	25
12-36 UNF Key Size 3/8"	5/8	99353	25
	3/4	96495	25
	7/8	99354	25
	1	96496	25
14-40 UNF Key Size 7/16"	1-1/4	96497	25
	1-1/2	96498	25
	2	96499	10
	2-1/2	52343	10
16-48 UNF Key Size 1"	3	52344	10
	3/8	96502	25
	1/2	7719	25
	5/8	7720	25
18-54 UNF Key Size 1-1/4"	3/4	7721	25
	7/8	99355	25
	1	7723	25
	1-1/4	7724	25
20-60 UNF Key Size 1-3/4"	1-1/2	7725	25
	1-3/4	7726	25
	2	7727	10
	2-1/2	52345	10
22-66 UNF Key Size 2"	3	52346	10
	3-1/2	19783	10
	4	19784	10
	4-1/2	19785	10
24-72 UNF Key Size 2-1/4"	5	19786	10
	3/8	19787	25
	1/2	19788	25
	3/4	19789	25
27-78 UNF Key Size 2-3/4"	1	19790	25
	1-1/4	19791	25
	1-1/2	19792	25
	1-3/4	19793	25
30-84 UNF Key Size 3"	2	19794	10
	2-1/2	19795	10
	3	19796	10
	3/8	51250	25
36-96 UNF Key Size 3-1/2"	1/2	7728	25
	5/8	99356	25
	3/4	7730	25
	7/8	99357	25
42-108 UNF Key Size 4"	1	7732	25
	1-1/4	7733	25
	1-1/2	7734	25
	1-3/4	7735	25
48-120 UNF Key Size 4-1/2"	2	7738	10
	2-1/2	52347	10
	3	52348	10
	3-1/2	19797	10
54-144 UNF Key Size 5"	4	19798	10
	4-1/2	19799	10
	5	19800	10
	3/8	19801	25
60-168 UNF Key Size 5-1/2"	1/2	19802	25
	3/4	19803	25
	1	19804	25
	1-1/4	19805	25
72-200 UNF Key Size 6"	1-1/2	19806	25
	2	19807	10
	2-1/2	19808	10
	3	19809	10

Dia.	Length (Inches)	Part No.	Pkg. Qty.
3/8-16 UNC Key Size 5/16"	1/2	51251	10
	3/4	7740	10
	7/8	99358	10
	1	7741	10
3/8-24 UNF Key Size 5/16"	1-1/4	7742	10
	1-1/2	7743	10
	1-3/4	19810	10
	2	7744	10
7/16-14 UNC Key Size 3/8"	2-1/2	99359	10
	3	99360	5
	3-1/2	19811	5
	4	19812	5
1/2-13 UNC Key Size 3/8"	4-1/2	19813	5
	5	19814	5
	1/2	19815	10
	3/4	19816	10
1/2-20 UNF Key Size 3/8"	1	19817	10
	1-1/4	19818	10
	1-1/2	19819	10
	2	19820	10
5/8-11 UNC Key Size 1/2"	2-1/2	19821	10
	3	19822	5
	1	99361	10
	1-1/4	99362	10
3/4-10 UNC Key Size 5/8"	1-1/2	99363	10
	2	99364	10
	3/4	99365	10
	1	7747	10
3/4-16 UNC Key Size 5/8"	1-1/4	99366	10
	1-1/2	7749	10
	1-3/4	51252	10
	2	7751	10
3/4-24 UNF Key Size 5/8"	2-1/4	51253	10
	2-1/2	7752	10
	3	99367	5
	3-1/2	19823	5
3/4-36 UNF Key Size 5/8"	4	19824	5
	4-1/2	19825	5
	5	19826	5
	6	19827	5
3/4-48 UNF Key Size 5/8"	3/4	19828	10
	1	19829	10
	1-1/4	19830	10
	1-1/2	19831	10
3/4-60 UNF Key Size 5/8"	2	19832	10
	2-1/2	19833	10
	3	19834	5
	1	99368	5
3/4-72 UNF Key Size 5/8"	1-1/4	99369	5
	1-1/2	99370	5
	1-3/4	99371	5
	2	99372	5
3/4-84 UNF Key Size 5/8"	2-1/4	52349	5
	2-1/2	99373	5
	2-3/4	52350	5
	3	99374	5
3/4-96 UNF Key Size 5/8"	3-1/2	19835	5
	4	52351	5
	4-1/2	19836	5
	5	19837	5
3/4-108 UNF Key Size 5/8"	5-1/2	19838	5
	6	19839	5
	1-1/2	99375	5
	2	99376	5
3/4-120 UNF Key Size 5/8"	2-1/2	99377	5
	3	99378	5
	3-1/2	52352	2
	4	52353	2
3/4-144 UNF Key Size 5/8"	4-1/2	19840	2
	5	19841	2
	6	19842	2

Available In Assortments

**LP594**  
(24 items, 405 pieces)

**LP595**  
(21 items, 165 pieces)

See page 6-47

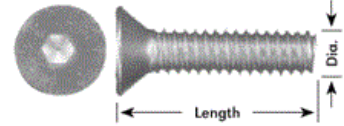




## STAINLESS STEEL Socket Fasteners

www.calgro.com.mx Tel.(33)3609-1649  
ventas@calgro.com.mx

### Stainless Steel Flat Head Socket Capscrews Type 18-8



Dia.	Length (Inches)	Part No.	Pkg. Qty.
4-40 UNC Key Size 1/16"	1/4	99379	50
	5/16	19843	50
	3/8	99380	50
	1/2	99381	50
	5/8	52319	50
6-32 UNC Key Size 5/64"	3/4	52320	50
	1/4	99382	50
	5/16	19844	50
	3/8	99383	50
	1/2	99384	50
8-32 UNC Key Size 3/32"	5/8	52321	50
	3/4	52322	50
	1	52323	50
	1/4	19845	50
	5/16	19846	50
10-24 UNC Key Size 1/8"	3/8	99385	25
	1/2	99386	25
	5/8	99387	25
	3/4	99388	25
	1	52324	25
10-32 UNF Key Size 1/8"	1-1/2	19847	25
	3/8	99389	25
	1/2	99390	25
	5/8	99391	25
	3/4	99392	25
10-32 UNF Key Size 1/8"	1	99393	25
	1-1/4	52325	25
	1-1/2	52326	25

Dia.	Length (Inches)	Part No.	Pkg. Qty.
10-32 UNF Key Size 1/8"	1/4	99394	25
	1/2	99395	25
	5/8	99396	25
	3/4	99397	25
	1	99398	25
1/4-20 UNC Key Size 5/32"	1-1/4	52327	25
	1-1/2	52328	25
	3/8	19848	25
	1/2	99399	25
	5/8	99400	25
5/16-18 UNC Key Size 3/16"	3/4	99401	25
	1	99402	25
	1-1/4	99403	25
	1-1/2	99404	25
	2	52329	10
5/16-18 UNC Key Size 3/16"	1/2	99405	25
	5/8	52354	25
	3/4	99406	25
	1	99407	25
	1-1/4	99408	10
5/16-18 UNC Key Size 3/16"	1-1/2	99409	10
	1-3/4	52355	10
	2	52330	10

Dia.	Length (Inches)	Part No.	Pkg. Qty.
3/8-16 UNC Key Size 7/32"	1/2	19849	25
	5/8	19850	25
	3/4	99410	10
	1	99411	10
	1-1/4	99412	10
1/2-13 UNC Key Size 5/16"	1-1/2	52331	10
	2	52332	10
	3/4	99413	10
	1	99414	10
	1-1/4	99415	10
5/8-11 UNC Key Size 3/8"	1-1/2	99416	10
	1-3/4	52356	10
	2	99417	10
	2-1/2	52333	5
	3	52334	5
5/8-11 UNC Key Size 3/8"	1	52337	5
	1-1/4	52357	5
	1-1/2	99418	5
	2	99419	5
	2-1/2	52335	5
5/8-11 UNC Key Size 3/8"	3	52336	5



Available In Assortments

LP596

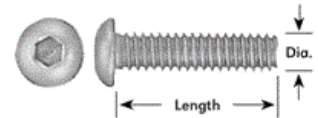
(20 items, 430 pieces)

LP597

(16 items, 115 pieces)

See page 6-47

### Stainless Steel Button Head Socket Capscrews Type 18-8



Dia.	Length (Inches)	Part No.	Pkg. Qty.
4-40 UNC Key Size 1/16"	3/16	19851	50
	1/4	52358	50
	5/16	19852	50
	3/8	52359	50
	1/2	52360	50
6-32 UNC Key Size 5/64"	5/8	19853	50
	3/16	19854	50
	1/4	52361	50
	5/16	19855	50
	3/8	52362	50
8-32 UNC Key Size 3/32"	1/2	52363	50
	5/8	19856	50
	3/4	19857	50
	1/4	52364	25
	5/16	19858	25
10-24 UNC Key Size 1/8"	3/8	52365	25
	1/2	52366	25
	5/8	19859	25
	3/4	52367	25
	1	52368	25

Available In Assortment

LP593

(20 items, 340 pieces)

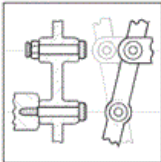
See page 6-48

Dia.	Length (Inches)	Part No.	Pkg. Qty.
10-24 UNC Key Size 1/8"	1/4	19860	25
	5/16	19861	25
	3/8	52369	25
	1/2	52370	25
	5/8	19862	25
10-32 UNF Key Size 1/8"	3/4	52371	25
	1	52372	25
	1-1/2	19863	25
	1/4	19864	25
	5/16	19865	25
1/4-20 UNC Key Size 5/32"	3/8	52373	25
	1/2	52374	25
	5/8	19866	25
	3/4	52375	25
	1	52376	25
1/4-20 UNC Key Size 5/32"	1-1/2	19867	25
	3/8	52377	25
	1/2	52378	25
	5/8	52379	25
	3/4	52380	25
1/4-20 UNC Key Size 5/32"	1	52381	25
	1-1/4	52382	25
	1-1/2	52383	25
1/4-20 UNC Key Size 5/32"	2	19868	25

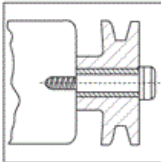
Dia.	Length (Inches)	Part No.	Pkg. Qty.
5/16-18 UNC Key Size 3/16"	3/8	19869	25
	1/2	52384	25
	3/4	52385	25
	1	52386	25
	1-1/4	52387	10
3/8-16 UNC Key Size 7/32"	1-1/2	52388	10
	2	19870	10
	1/2	19871	25
	5/8	19872	25
	3/4	52389	10
1/2-13 UNC Key Size 5/16"	1	52390	10
	1-1/4	52391	10
	1-1/2	52392	10
	2	52393	10
	2-1/2	19873	10
1/2-13 UNC Key Size 5/16"	1	19874	10
	1-1/4	19875	10
	1-1/2	19876	10
	2	19877	10
	2-1/2	19878	10
1/2-13 UNC Key Size 5/16"	3	19879	10



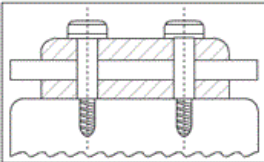
Stainless Steel Socket Head Shoulder Screws  
Type 18-8



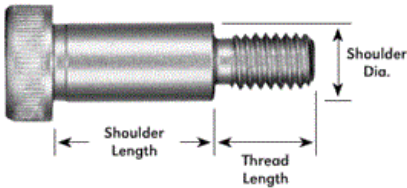
Moving Shaft or Pivot



Pulley Shaft



Stationary Guide



Dia.	Shoulder Length (Inches)	Part No.	Pkg. Qty.
10-24 UNC Key Size 1/8" 1/4" Shoulder Dia. 3/8" Thread Length	1/2	55744	10
	5/8	55745	10
	3/4	55746	10
	1	55747	10
	1-1/4	55748	5
1/4-20 UNC Key Size 5/32" 5/16" Shoulder Dia. 7/16" Thread Length	1-1/2	55749	5
	3/8	55750	10
	1/2	55751	10
	5/8	55752	10
	3/4	55753	10
	1	55754	10
	1-1/4	55755	5
	1-1/2	55756	5

Dia.	Shoulder Length (Inches)	Part No.	Pkg. Qty.
5/16-18 UNC Key Size 3/16" 3/8" Shoulder Dia. 1/2" Thread Length	3/8	55757	10
	1/2	55758	10
	5/8	55759	10
	3/4	55760	10
	1	55761	5
3/8-16 UNC Key Size 1/4" 1/2" Shoulder Dia. 5/8" Thread Length	1-1/4	55762	5
	1-1/2	55763	5
	1/2	55764	5
	5/8	55765	5
	3/4	55766	5
	1	55767	5
	1-1/4	55768	5
	1-1/2	55769	5

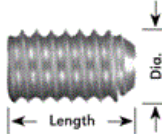


Available In Assortment  
**LP635**  
(15 items, 75 pieces)  
See page 6-48

Stainless Steel Socket Set Screws  
Type 18-8



Available In Assortment  
**LP165**  
(27 items, 362 pieces)  
See page 6-48



Dia.	Length (Inches)	Part No.	Pkg. Qty.
2-56 UNC Key Size 0.035"	1/16	99420	50
	1/8	99421	50
	3/16	99422	50
	1/4	99423	50
4-40 UNC Key Size 0.050"	1/8	99424	50
	3/16	91366	50
	1/4	91367	50
	5/16	91368	50
	3/8	91369	50
6-32 UNC Key Size 1/16"	1/2	52304	50
	5/8	52518	50
	1/8	99425	50
	3/16	99426	50
	1/4	82601	50
8-32 UNC Key Size 5/64"	5/8	52519	50
	3/4	52305	50
	1/8	99427	50
	3/16	99428	50
	1/4	82605	50

Dia.	Length (Inches)	Part No.	Pkg. Qty.
10-24 UNC Key Size 3/32"	3/16	99429	50
	1/4	82609	50
	5/16	82610	50
	3/8	82611	50
	1/2	82612	50
10-32 UNF Key Size 3/32"	5/8	19880	50
	3/4	82613	50
	1	52307	25
	3/16	99430	50
	1/4	82614	50
1/4-20 UNC Key Size 1/8"	5/16	82615	50
	3/8	82616	50
	1/2	82617	50
	5/8	52521	50
	3/4	82618	50
1/4-28 UNF Key Size 1/8"	1	19881	25
	3/16	52522	50
	1/4	82619	50
	5/16	82620	50
	3/8	82621	50

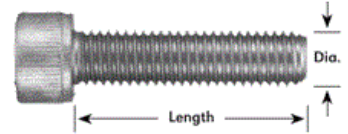
Dia.	Length (Inches)	Part No.	Pkg. Qty.
5/16-18 UNC Key Size 5/32"	1/4	82631	50
	5/16	82632	50
	3/8	82633	50
	1/2	82634	50
	5/8	99432	50
3/8-16 UNC Key Size 3/16"	3/4	82636	50
	1	99433	25
	5/16	52524	50
	3/8	82645	50
	1/2	82646	50
1/2-13 UNC Key Size 1/4"	5/8	82647	50
	3/4	82648	25
	1	82649	25
	1-1/4	99434	25
	1-1/2	99435	25
5/8-11 UNC Key Size 5/16"	3/8	99436	25
	1/2	82655	25
	5/8	82656	25
	3/4	82657	25
	1	82658	25
3/4-10 UNC Key Size 3/8"	1-1/4	99437	10
	1-1/2	99438	10
	1/2	52308	5
	5/8	52309	5
	3/4	52310	5
	1	52311	5
	1-1/4	52312	5
	1-1/2	52313	5
	3/4	52314	5
	1	52315	5





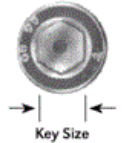
## Metric A4 Stainless Steel Socket Head Capscrews DIN 912

- Minimum tensile strength 500 MPa (72,500 PSI)
- Made from A4 Stainless Steel, which is similar to AISI Type 316



## Metric A2 Stainless Steel Socket Head Capscrews DIN 912

- Minimum tensile strength 689.5 MPa (80,000 PSI)
- Made from A2 Stainless Steel, which is similar to AISI Type 18-8



Dia.	Length (mm)	A4 Stainless Steel		A2 Stainless Steel	
		Part No.	Pkg. Qty.	Part No.	Pkg. Qty.
M3 x 0.5 M2.5 Key	6	99050	25	27603	25
	8	99051	25	27604	25
	10	99052	25	27605	25
	12	99053	25	27606	25
	16			27607	25
	20			27608	25
	25			27609	25
	30			27610	25
	35			27611	25
	40			27612	25
M4 x 0.7 M3 Key	50			27613	25
	6			27614	25
	8	94007	25	27615	25
	10	94008	25	27616	25
	12	94009	25	27617	25
	14			27618	25
	16	94010	25	27619	25
	20	94011	25	27620	25
	25	53032	25	27621	25
	30	53033	25	27622	25
M5 x 0.8 M4 Key	35			27623	25
	40	53034	25	27624	25
	45			27625	25
	50	53035	25	27626	25
	6			27627	25
	8			27628	25
	10	94012	25	27629	25
	12	94013	25	27630	25
	16	94014	25	27631	25
	20	94015	25	27632	25
M6 x 1.0 M5 Key	25	53036	25	27633	25
	30	94016	25	27634	25
	35			27635	25
	40	94017	25	27636	25
	45			27637	25
	50	53037	25	27638	25
	8			27639	25
	10	94018	25	27640	25
	12	94019	25	27641	25
	14			27642	25
	16	94020	25	27643	25
	20	94021	25	27644	25
	25	94022	25	27645	25
	30	94023	25	27646	25
	35	94024	25	27647	25
	40	94025	25	27648	25
	45			27649	25
	50	53038	10	27650	10
	60	53039	10	27651	10
	70			27652	10
	80			27653	10

Dia.	Length (mm)	A4 Stainless Steel		A2 Stainless Steel	
		Part No.	Pkg. Qty.	Part No.	Pkg. Qty.
M8 x 1.25 M6 Key	12	94026	25	27654	25
	16	94027	25	27655	25
	20	94028	25	27656	25
	25	94029	25	27657	25
	30	94030	25	27658	25
	35			27659	25
	40	94031	25	27660	25
	45			27661	10
	50	53040	10	27662	10
	55			27663	10
M10 x 1.5 M8 Key	60	53041	10	27664	10
	70			27665	10
	80			27666	10
	90			27667	10
	16	94032	10	27668	10
	20	94033	10	27669	10
	25	53042	10	27670	10
	30	94034	10	27671	10
	35	53043	10	27672	10
	40	94035	10	27673	10
M12 x 1.75 M10 Key	45			27674	10
	50	94036	10	27675	10
	55			27676	10
	60	53044	5	27677	5
	70	53045	5	27678	5
	80	53046	5	27679	5
	20			27680	10
	25	94037	10	27681	10
	30	94038	10	27682	10
	35			27683	10
M16 x 2.0 M14 Key	40	52830	10	27684	10
	45			27685	10
	50	94039	10	27686	10
	60	53047	5	27687	5
	70	53048	5	27688	5
	75			27689	5
	80	53049	5	27690	5
	90	52831	5	27691	5
	100	53050	5		
	30	99054	5	27692	5
	40	99055	5	27693	5
	45			27694	5
	50	99056	5	27695	5
	60	99057	5	27696	5
	70	53051	1		
	80	53052	1	27697	2
	90	52832	1		
	100	53053	1		



Available In Assortments

A4 Stainless Steel

LP363

(16 items, 160 pieces)

LP364

(16 items, 125 pieces)

See page 6-48

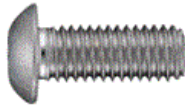


Metric A2 Stainless Steel Button Head Socket Capscrews  
DIN 7380

- Minimum tensile strength 689.5 MPa (80,000 PSI)
- Made from A2 Stainless Steel, which is similar to AISI Type 18-8

Dia.	Length (mm)	Part No.	Pkg. Qty.
M3 x 0.5 M2 Key	6	27405	25
	8	27406	25
	10	27407	25
	12	27408	25
	16	27409	25
M4 x 0.7 M2.5 Key	20	27410	25
	6	27411	25
	8	27412	25
	10	27413	25
	12	27414	25
	16	27415	25
	20	27416	25

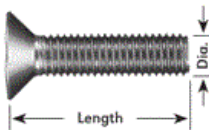
Dia.	Length (mm)	Part No.	Pkg. Qty.
M5 x 0.8 M3 Key	8	27417	25
	10	27418	25
	12	27419	25
	16	27420	25
	20	27421	25
M6 x 1.0 M4 Key	10	27422	25
	12	27423	25
	16	27424	25
	20	27425	25
	25	27426	25
	30	27427	25
	40	27428	25



Dia.	Length (mm)	Part No.	Pkg. Qty.
M8 x 1.25 M5 Key	16	27429	25
	20	27430	25
	25	27431	25
	30	27432	25
	40	27433	25

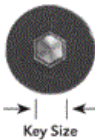
Metric A4 Stainless Steel Flat Head Socket Capscrews  
DIN 7991

- Minimum tensile strength 500 MPa (72,500 PSI)
- Made from A4 Stainless Steel, which is similar to AISI Type 316



Metric A2 Stainless Steel Flat Head Socket Capscrews  
DIN 7991

- Minimum tensile strength 689.5 MPa (80,000 PSI)
- Made from A2 Stainless Steel, which is similar to AISI Type 18-8



Dia.	Length (mm)	A4 Stainless Steel		A2 Stainless Steel	
		Part No.	Pkg. Qty.	Part No.	Pkg. Qty.
M3 x 0.5 M2 Key	6	99076	25	27434	25
	8	99077	25	27435	25
	10	99078	25	27436	25
	12	99079	25	27437	25
	16	53012	25	27438	25
M4 x 0.7 M2.5 Key	20			27439	25
	25			27440	25
	8	99080	25	27441	25
	10	99081	25	27442	25
	12	99082	25	27443	25
M5 x 0.8 M3 Key	16	99083	25	27444	25
	20	99084	25	27445	25
	25	53013	25	27446	25
	30	53014	25	27447	25
	35			27448	25
M6 x 1.0 M4 Key	8			27449	25
	10	99085	25	27450	25
	12	99086	25	27451	25
	16	99087	25	27452	25
	20	99088	25	27453	25
M8 x 1.25 M5 Key	25	99089	25	27454	25
	30	53015	25	27455	25
	35	53016	25		
	40			27456	25
	8			27457	25
M10 x 1.5 M6 Key	10			27458	25
	12	99090	25	27459	25
	16	99091	25	27460	25
	20	99092	25	27461	25
	25	99093	25	27462	25
M12 x 1.75 M8 Key	30	99094	25	27463	25
	35	53017	10	27464	25
	40	53018	10	27465	25
	45	53019	10		
	50	53020	10	27466	25

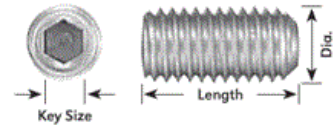
Dia.	Length (mm)	A4 Stainless Steel		A2 Stainless Steel	
		Part No.	Pkg. Qty.	Part No.	Pkg. Qty.
M8 x 1.25 M5 Key	12			27467	25
	16	99095	10	27468	25
	20	99096	10	27469	25
	25	99097	10	27470	25
	30	99098	10	27471	25
M10 x 1.5 M6 Key	35	99099	10	27472	25
	40	53021	10	27473	25
	45	53022	5	27474	25
	50	53023	5	27475	25
	60	53024	5		
M12 x 1.75 M8 Key	16			27476	25
	20	99100	10	27477	25
	25	99101	10	27478	25
	30	99102	10	27479	25
	35	99103	10	27480	25
M16 x 2.0 M10 Key	40	99104	10	27481	25
	45			27482	25
	50	53025	5	27483	25
	60	53026	5	27484	10
	70	53027	5		
M20 x 2.5 M12 Key	80	53028	5	27485	10
	100			27486	10
	20			27487	10
	25	99105	10	27488	10
	30	99106	5	27489	10
M24 x 3.0 M14 Key	35	99107	5	27490	10
	40	99108	5	27491	10
	50	99109	5	27492	10
	60	53029	2		
	70	53030	2		
M30 x 3.5 M18 Key	80	53031	2		





**Metric A4 Stainless Steel Socket Set Screws  
DIN 916**

- Minimum tensile strength 500 MPa (72,500 PSI)
- Made from A4 Stainless Steel, which is similar to AISI Type 316
- Cup point



**Metric A2 Stainless Steel Socket Set Screws  
DIN 916**

- Minimum tensile strength 689.5 MPa (80,000 PSI)
- Made from A2 Stainless Steel, which is similar to AISI Type 18-8
- Cup point

Dia.	Length (mm)	A4 Stainless Steel		A2 Stainless Steel	
		Part No.	Pkg. Qty.	Part No.	Pkg. Qty.
M3 x 0.5 M1.5 Key	3	53054	25	27698	25
	4	53055	25	27699	25
	5	53056	25	27700	25
	6	53057	25	27701	25
	8	53058	25	27702	25
	10	53059	25	27703	25
	12	53060	25	27704	25
	16	53061	25	27705	25
M4 x 0.7 M2 Key	20			27706	25
	4	53062	25	27707	25
	5	53063	25	27708	25
	6	53064	25	27709	25
	8	53065	25	27710	25
	10	53066	25	27711	25
	12	53067	25	27712	25
	16			27713	25
M5 x 0.8 M2.5 Key	20			27714	25
	25			27715	25
	5	53068	25	27716	25
	6	53069	25	27717	25
	8	53070	25	27718	25
	10	53071	25	27719	25
	12	53072	25	27720	25
	16			27721	25
M6 x 1.0 M3 Key	20			27722	25
	25			27723	25
	6	53073	25	27724	25
	8	53074	25	27725	25
	10	53075	25	27726	25
	12	53076	25	27727	25
	16	53077	25	27728	25
	20	53078	25	27729	25
	25	53079	25	27730	25
	30	53080	25		

Dia.	Length (mm)	A4 Stainless Steel		A2 Stainless Steel	
		Part No.	Pkg. Qty.	Part No.	Pkg. Qty.
M8 x 1.25 M4 Key	8	53081	10	27731	25
	10	53082	10	27732	25
	12	53083	10	27733	25
	16	53084	10	27734	25
	20	53085	10	27735	25
	25	53086	10	27736	25
	30	53087	10	27737	25
	35	53088	10	27738	25
M10 x 1.5 M5 Key	40	53089	10		
	10	53090	5	27739	10
	12	53091	5	27740	10
	16	53092	5	27741	10
	20	53093	5	27742	10
	25	53094	5	27743	10
	30	53095	5	27744	10
	35	53096	5	27745	10
M12 x 1.75 M6 Key	40	53097	5	27746	10
	12	53098	5	27747	10
	16	53099	5	27748	10
	20	53100	5	27749	10
	25	53101	5	27750	10
	30	53102	5	27751	5
	35	53103	5	27752	5
	40	53104	5		
	45	53105	5		
	50	53106	5		



**RELATED ITEMS**

**GoldGuard™ Hex Keys**

- Balldriver® hex keys with GoldGuard™ finish
- 14 karat gold finish offers corrosion resistance

For Individual Fractional and Metric Size Keys, see page 15-48 for ordering information.

**Hex Key Sets**

Description	Part No.	Pkg. Qty.
GoldGuard™ Fractional Set	15911	1
GoldGuard™ Metric Set	15912	1
GoldGuard™ Combination Set	15913	1
Fractional Holder	15914	1
Metric Holder	15915	1

