



## Set Screw Information

Set screws can be used to prevent relational motion of permanently located parts. They are typically used in electronics and for applications where space is a key concern.

Set screws feature these key characteristics:

- A hexagonal socket recessed in one end, or an external square or slotted head
- A point designed to bear against a mating part at the opposite end
- Threads extending the entire length of the shaft

### HEAD TYPES



#### Hex Socket

Recessed drive makes screws ideal for flush mounting.



#### Slotted

Single slot for driving with a standard screwdriver.



#### Square

Enables external wrenching of the screw. Use in environments in which grease or dirt might clog a recessed drive.

### POINT TYPES

#### Cone

Pointed end generates highest torsional holding power in applications where parts must be permanently located. See page 2128.

#### Cup

Cup-shaped point features a conical depression for excellent holding power with slight penetration. See page 2126.

#### Flat

Minimizes shaft damage in applications where parts are frequently reset or when fastening into thin walls. See page 2130.

#### Knurled Cup

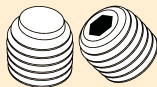
Provides more resistance to vibration than a plain cup point. Deep socket broach assures a good hex key fit. See pages 2128.

#### Oval

Rounded point reduces indentation and prevents deformation of parts in applications requiring frequent adjustment.

#### Half-Dog

Used for permanent setting of parts and can replace dowel pins when hole is threaded. Works well against hardened members or hollow tubing.



## Socket Set Screw Assortments

**itw Bee Leitzke**



No. of Pieces	No. of Sizes	Type	Includes	Material	Item No.
60	6	Square Head, Cup Point	(20) Each: 1/4"-20x3/4 in, (10) Each: 3/16"-18x3/4 in, 3/16"-16x3/4 in, (8) Each: 3/16"-18x1 in, 3/16"-16x1 1/4 in, (4) Each: 1/2"-13x1 in, and Plastic Hanging Pak	Steel	<b>4F415</b>
195	6	Socket Drive, Cup Point	(75) Each: 3/16"-24x1/4 in, (40) Each: 1/4"-20x1/4 in, (25) Each: 1/4"-20x3/8 in, 3/16"-18x3/8 in, (20) Each: 3/16"-16x3/8 in, (10) Each: 3/16"-16x1/2 in, Plastic Hanging Pak	Black Alloy Steel	<b>2NR25</b>
200	12	Socket Drive, Cup Point	(30) Each: 1/4"-20x1/4 in, 3/16"-18x3/8 in, (20) Each: 1/4"-20x3/8 in, 1/4"-28x1/4 in, 3/16"-18x1/2 in, 3/16"-24x3/8 in, (10) Each: 5-40x3/16 in, 8-32x3/16 in, 3/16"-24x1/4 in, 3/16"-16x3/8 in, x1/2 in, 3/16"-24x3/8 in, Plastic Hanging Pak	Steel	<b>5A206</b>



## Cup Point Socket Set Screws

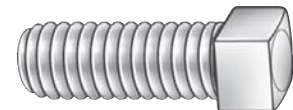
- Hex drive

Note: Additional sizes are available; on Grainger.com search for "set screws."

Overall Length	Item No.	Pkg. Qty.	Overall Length	Item No.	Pkg. Qty.
<b>18-8 Stainless Steel</b>					
<b>0-80 Thread, 7/250 in Drive</b>					
1/16 in	5MNV5	50	3/16 in	5MMR7	100
3/32 in	5MNV6	50	1/4 in	5MMR8	100
1/8 in	5MNV7	50	5/16 in	5MMR9	100
3/16 in	5MNV8	50	<b>10-24 Thread, 3/32 in Drive</b>		
1/4 in	5MNV9	50	3/16 in	5MMT0	100
<b>1-72 Thread, 7/250 in Drive</b>					
1/16 in	5MNW0	50	1/4 in	5MMT1	100
3/32 in	5MNW3	100	5/16 in	5MMT2	100
1/8 in	5MNW1	50	3/8 in	5MMT3	100
<b>2-56 Thread, 7/200 in Drive</b>					
1/16 in	5MNW2	100	1/2 in	5MMT4	100
3/32 in	5MNW3	100	5/8 in	5MMT5	100
1/8 in	5MNW4	100	3/4 in	5MMT6	100
3/16 in	5MNW5	100	<b>10-32 Thread, 3/32 in Drive</b>		
1/4 in	5MNW7	100	3/16 in	6ZB53	100
<b>3-48 Thread, 1/20 in Drive</b>					
3/32 in	5MNW8	100	1/4 in	5MMT7	100
1/8 in	5MNW9	100	5/16 in	5MMT8	100
3/16 in	5MNW6	100	3/8 in	5MMT9	100
<b>4-40 Thread, 1/20 in Drive</b>					
1/8 in	5MNX0	100	1/2 in	5MMU0	100
3/16 in	5MNX1	100	5/8 in	5MMU1	100
1/4 in	5MNX2	100	3/4 in	5MMU2	100
<b>6-32 Thread, 1/4 in Drive</b>					
1/8 in	6ZB16	100	<b>1/4-20 Thread, 1/8 in Drive</b>		
3/16 in	6ZB18	100	3/16 in	6ZB67	100
1/4 in	6ZB20	100	1/4 in	5MMU3	100
5/16 in	5MMR4	100	5/8 in	5MMU4	100
3/8 in	5MMR5	100	1 in	5MMU5	50
			3/8 in	5MMU6	100
			1/2 in	5MMU7	100
			3/4 in	5MMU8	100
			1 in	5MMU9	50

Overall Length	Item No.	Pkg. Qty.	Overall Length	Item No.	Pkg. Qty.
<b>300 Stainless Steel</b>					
<b>8-32 Thread, 3/16 in Drive</b>					
3/16 in	5GUG4	5	<b>1/4-28 Thread, 1/8 in Drive</b>		
1/4 in	5GUG4	5	3/16 in	5GUG3	5
5/16 in	5GUG5	5	1/4 in	5GUG4	5
3/8 in	5GUG6	5	5/16 in	5GUG5	5

Overall Length	Item No.	Pkg. Qty.	Overall Length	Item No.	Pkg. Qty.			
<b>18-8 Stainless Steel</b>								
<b>1/4-20 Thread</b>								
1/2 in	2WA37	10	3/8 in	2WA42	10			
3/4 in	2WA39	10	1 in	2WA43	10			
1 in	2WA40	10	<b>3/16-18 Thread</b>					
1 1/4 in	2WA41	10	3/4 in	2WA44	10			
<b>3/16-18 Thread</b>								
1/2 in	2WA42	10	1 in	2WA45	10			
3/4 in	2WA43	10	1 1/4 in	2WA46	5			
<b>3/16-16 Thread</b>								
3/4 in	2WA44	10	1 1/2 in	2WA48	5			
<b>Steel</b>								
<b>1/4-20 Thread</b>								
3/8 in	25J628	100	1 1/2 in	5NZ13	100			
1/2 in	5NZY1	100	3/4 in	2WA49	5			
3/4 in	25J629	100	1 in	2WA50	5			
1 in	5NZY2	100	1 1/4 in	2WA52	5			
3/8 in	25J630	100	<b>1/2-13 Thread</b>					
1/2 in	5NZY1	100	3/4 in	2WA49	5			
3/4 in	25J629	100	1 in	2WA50	5			
1 in	5NZY3	100	1 1/2 in	2WA52	5			
1 1/4 in	5NZY4	100	<b>Steel</b>					
1 1/2 in	5NZY5	100	<b>1/4-20 Thread</b>					
1 3/4 in	25J631	100	3/8 in	25J628	100			
2 in	25J632	100	1/2 in	5NZY1	100			
2 1/2 in	25J633	50	3/4 in	25J629	100			
3 in	25J634	50	1 in	5NZY3	100			
<b>3/16-18 Thread</b>								
1/2 in	5NZY6	100	1 1/4 in	5NZY4	100			
3/4 in	25J635	100	1 1/2 in	5NZY5	100			
1 in	5NZY7	100	1 3/4 in	25J631	100			
1 1/4 in	5NZY8	100	2 in	25J632	100			
1 1/2 in	5NZY9	100	2 1/2 in	25J633	50			
1 3/4 in	5NZ20	100	3 in	25J634	50			
1 1/2 in	25J636	100	<b>3/16-14 Thread</b>					
2 in	25J637	100	3/4 in	25J642	50			
2 1/2 in	25J638	50	1 in	25J643	50			
3 in	25J639	50	1 1/4 in	31KJ46	25			
<b>3/16-11 Thread</b>								
1/2 in	5NZZ1	100	1 1/2 in	31KJ47	25			
3/8 in	25J640	100	2 in	31KJ48	25			



## Cup Point Square Head Set Screws

Overall Length	Item No.	Pkg. Qty.	Overall Length	Item No.	Pkg. Qty.
3/4 in	5NZ22	100	1 1/2 in	31KJ58	10
1 in	5NZ23	100	1 3/4 in	31KJ59	10
1 1/4 in	5NZ24	100	2 in	31KJ60	10
1 1/2 in	31KC88	50	2 1/2 in	31KJ61	10
1 3/4 in	31KC89	50	3 in	31KJ62	5
2 in	31KC90	25	3 1/2 in	31KJ63	5
2 1/2 in	31KJ42	25	4 in	31KC97	5
3 in	31KJ43	10	5 in	31KC98	5
3 1/2 in	31KJ44	10	6 in	31KJ64	5
4 in	31KJ45	10	<b>3/4-10 Thread</b>		
<b>3/16-14 Thread</b>					
1 in	25J642	50	1 in	31KJ65	5
1 1/4 in	25J643	50	1 1/4 in	31KJ66	5
1 1/2 in	31KJ46	25	1 1/2 in	31KJ67	5
1 3/4 in	31KJ47	25	2 in	31KJ69	5
2 in	31KJ48	25	2 1/2 in	31KD01	5
<b>1/2-13 Thread</b>					
3/4 in	31KC91	25	3 in	31KD02	5
1 in	31KC92	25	3 1/2 in	31KD03	5
1 1/4 in	31KC93	25	4 in	31KD04	5
1 1/2 in	31KC94	25	5 in	31KD05	5
1 3/4 in	31KC95	25	6 in	31KJ68	5
2 in	31KC96	10	<b>3/8-9 Thread</b>		
2 1/2 in	31KJ50	10	2 in	25J655	5
3 in	31KJ51	10	3 in	25J656	5
3 1/2 in	31KJ52	10	4 in	31KJ69	5
4 in	31KJ53	10	5 in	25J657	5
5 in	31KJ54	5	6 in	31KJ70	5
6 in	31KJ55	5	<b>1-8 Thread</b>		
<b>3/16-11 Thread</b>					
1 in	31KJ56	10	2 1/2 in	31KJ71	1
1 1/4 in	31KJ57	10	3 in	31KJ72	1
			4 in	31KD06	1
			5 in	31KD07	1
			6 in	31KD08	1