



Machine Screws

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IBS, INCORPORATED

Hex Head Machine Screws G03

MACHINE SCREWS

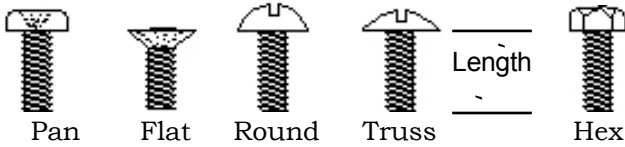
Threads Per Inch Table

THREADS PER INCH TABLE

Size	Coarse UNC	Fine UNF	Basic Major Dia.
0	—	80	.0600
1	64	72	.0730
2	56	64	.0860
3	48	56	.0990
4	40	48	.1120
5	40	44	.1250
6	32	40	.1380
8	32	36	.1640
10	24	32	.1900
12	24	28	.2160
1/4	20	28	.2500
5/16	18	24	.3125

Measurement of Machine Screws

The length of all screws is measured from the largest diameter of the bearing surface to the extreme point.



Hex Head Unslotted

- Zinc plated for anti-rust protection.
- Sharp hex head prevents wrench slippage.
- Threads are feather-free for faster, easier assembly.
- **SOLD IN PACKAGES OF 100.**

HEX HEAD UNSLOTTED MACHINE SCREWS

Size	4-40	6-32	8-32	10-24	10-32	1/4-20
1/4	NS	9669	9679	NS	NS	
3/8	NS	9671	9681	9693	9707	
1/2	NS	9672	9682	9694	9708	NS
3/4	NS	9674	9684	9696	9710	NS
1		NS	9686	9698	9712	NS
1-1/4			NS		NS	NS
1-1/2			9688	NS	9714	NS
2				NS	9715	NS

Trim Hex Head Machine Screws SS (I25)

- Deep twist-resistant slots eliminate screwdriver slippage.
- Threads are feather-free for faster and easier assemblies.
- Stainless steel construction.



TRIM HEX HEAD MACHINE SCREWS SS

Size	6-32	8-32	10-24	10-32	Qty
1/4					50
3/8	NS	NS	NS	NS	50
1/2	12701	12709	12717	12727	50
5/8	NS	NS	NS	NS	50
3/4	12703	12711	12719	12729	50
1	12704	12712	12721	12731	50
1-1/4			NS	NS	25
1-1/2			NS	NS	25
2			NS		25



IBS, INCORPORATED

Slotted Machine Screws G01



Slotted Round Head

- Deep, twist-resistant slots eliminate screw driver slippage
- Threads are feather-face for faster and easier assemblies.
- Zinc plated for anti-rust protection.
- **SOLD IN PACKAGES OF 100.**



SLOTTED ROUND HEAD MACHINE SCREWS

Size	2-56	4-40	6-32	8-32	10-24	10-32	12-24	1/4-20	5/16-18	3/8-16	Size
1/4	NS	9016	9041	9061	9081	9105					1/4
3/8	NS	9018	9043	9063	9083	9107	NS	9147			3/8
1/2	NS	9019	9044	9064	9084	9108	9132	9148	NS		1/2
5/8		NS	9045	9065	9085	9109	NS	9149			5/8
3/4		9021	9046	9066	9086	9110	9134	9150	NS	9192	3/4
1		9023	9048	9068	9088	9112	9136	9152	NS	9194	1
1-1/4		NS	9049	9069	9089	9113	9137	9153	NS	NS	1-1/4
1-1/2		9025	9050	9070	9090	9114	9138	9154	NS	NS	1-1/2
1-3/4			NS	NS	NS	NS		9155	NS	NS	1-3/4
2			9052	9072	9116	9116	9140	9156	NS	NS	2
2-1/2			9054	NS	9118	9118	NS	9158	NS	NS	2-1/2
3			9056	NS	9120	9120	NS	9160	NS	NS	3
4			9058		NS	NS		9162	NS	NS	4
5								NS	NS	NS	5

Slotted Round Head Machine Screws (Z02)

IBS No. 105R • 24 Items - 2050 Pcs

IBS, Inc. SPECIALTY PRODUCTS FOR MAINTENANCE & REPAIR (800) 678-1906 • www.industrialbolt.com		Slotted Round Head Machine Screws				Assortment No. 105R
5033 6-32 HEX MACHINE SCREW NUT ZP	5034 8-32 HEX MACHINE SCREW NUT ZP	5036 10-32 HEX MACHINE SCREW NUT ZP	5035 10-24 HEX MACHINE SCREW NUT ZP	9089 10-24 X 1-1/4 SLTD ROUND HD	9134 12-24 X 3/4 SLTD ROUND HD M/S	
9044 6-32 X 1/2 SLTD ROUND HD M/S	9064 8-32 X 1/2 SLTD ROUND HD M/S	9108 10-32 X 1/2 SLTD ROUND HD M/S	9084 10-24 X 1/2 SLTD ROUND HD M/S	9090 10-24 X 1-1/2 SLTD ROUND HD	9136 12-24 X 1 SLTD ROUND HD M/S ZP	
9046 6-32 X 3/4 SLTD ROUND HD M/S	9066 8-32 X 3/4 SLTD ROUND HD M/S	9110 10-32 X 3/4 SLTD ROUND HD M/S	9086 10-24 X 3/4 SLTD ROUND HD M/S	5037 12-24 HEX MACHINE SCREW NUT ZP	9137 12-24 X 1-1/4 SLTD ROUND HD	
9048 6-32 X 1 SLTD ROUND HD M/S ZP	9068 8-32 X 1 SLTD ROUND HD M/S ZP	9112 10-32 X 1 SLTD ROUND HD M/S ZP	9088 10-24 X 1 SLTD ROUND HD M/S ZP	9132 12-24 X 1/2 SLTD ROUND HD M/S	9138 12-24 X 1-1/2 SLTD ROUND HD	





IBS, INCORPORATED

Phillips Machine Screws G02

Metric Slotted Pan Head Machine Screws (H11)

- Threads are feather-face for faster and easier assemblies.
- Zinc plated for anti-rust protection.
- **SOLD IN PACKAGES OF 100.**



METRIC SLOTTED PAN HEAD MACHINE SCREWS

Size	M3 x .5	M4 x .7	M5 x .8	M6 x 1.0
M6	10628	10645	10664	
M8	10629	10646	10665	
M10	10630	10647	10666	10687
M12	10631	10648	10667	10688
M14				
M16	10633	10650	10669	10690
M20	10635	10652	10671	10692
M22		10654	10673	
M25		10655	10674	10694
M30	10637			10695
M35	10638			
M40				

Phillips Round Head (G02)

- Threads are feather-face for faster and easier assemblies.
- Zinc plated for anti-rust protection.
- Phillips drive provides for strip-free driving.
- **SOLD IN PACKAGES OF 100.**



PHILLIPS ROUND HEAD MACHINE SCREWS

Size	6-32	8-32	10-24	10-32	1/4-20
1/4	9565	9573	NS	NS	
3/8	9567	9575	9583	9590	NS
1/2	9568	9576	9584	9591	9599
3/4	9570	9578	9586	9593	9601
1	NS	9580	9588	9595	9603
1-1/2	NS	NS	NS	NS	9605
2	NS	NS	NS	NS	9607
3			9585		9598
4			9587		9608
5			9589		9609

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IBS, INCORPORATED

Phillips Machine Screws G02



Phillips Pan Head Machine Screws

- Threads are feather-face for faster and easier assemblies.
- Zinc plated for anti-rust protection.
- Phillips drive provides for strip-free driving.
- **SOLD IN PACKAGES OF 100.**



PHILLIPS PAN HEAD MACHINE SCREWS

Size	4-40	6-32	8-32	10-24	10-32	12-24	1/4-20	Size
1/4	9501	9506	9513	NS	NS	NS	NS	1/4
3/8	9503	9508	9515	9523	9535	NS	NS	3/8
1/2	9504	9509	9516	9524	9536	95450	9547	1/2
5/8	NS	9510	9517	9525	9537	NS	9548	5/8
3/4	NS	9511	9518	9526	9538	95452	9549	3/4
1	NS	9512	9520	9528	9540	95453	9551	1
1-1/4	NS	NS	NS	9529	9541	95454	9552	1-1/4
1-1/2	NS	NS	9521	9530	9542	95455	9553	1-1/2
2	NS	NS	NS	9532	9544	95457	9555	2

Phillips Pan Head Machine Screws (Z02)

IBS No. 169R • 24 Items - 1525 Pcs



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Phillips Bit Chart

This brief chart will help you match the screw size to the proper Phillips point.

POINT #0 - FOR SCREWS #6 & #8
POINT #1 - FOR SCREWS #8 THRU #10
POINT #2 - FOR SCREWS #10 THRU #16
POINT #3 - FOR SCREWS #16 THRU #18 AND 1/4"
POINT #4 - FOR SCREWS 5/16 OR 18 AND LARGER

Phillips Pan Head Machine Screws & Nuts

Assortment No. 169R

<p>5033 6-32 HEX MACHINE SCREW NUT ZP</p> 	<p>5034 8-32 HEX MACHINE SCREW NUT ZP</p> 	<p>5036 10-32 HEX MACHINE SCREW NUT ZP</p> 	<p>5035 10-24 HEX MACHINE SCREW NUT ZP</p> 	<p>9529 10-24 X 1-1/4 PHIL PAN HD M/S</p> 	<p>9549 1/4-20 X 3/4 PHIL PAN HD M/S</p> 
<p>9509 6-32 X 1/2 PHIL PAN HD M/S ZP</p> 	<p>9516 8-32 X 1/2 PHIL PAN HD M/S ZP</p> 	<p>9536 10-32 X 1/2 PHIL PAN HD M/S ZP</p> 	<p>9524 10-24 X 1/2 PHIL PAN HD M/S ZP</p> 	<p>9530 10-24 X 1-1/2 PHIL PAN HD M/S</p> 	<p>9551 1/4-20 X 1 PHIL PAN HD M/S ZP</p> 
<p>9511 6-32 X 3/4 PHIL PAN HD M/S ZP</p> 	<p>9518 8-32 X 3/4 PHIL PAN HD M/S ZP</p> 	<p>9538 10-32 X 3/4 PHIL PAN HD M/S ZP</p> 	<p>9526 10-24 X 3/4 PHIL PAN HD M/S ZP</p> 	<p>5038 1/4-20 HEX MACHINE SCREW NUT</p> 	<p>9552 1/4-20 X 1-1/4 PHIL PAN HD</p> 
<p>9512 6-32 X 1 PHIL PAN HD M/S ZP</p> 	<p>9520 8-32 X 1 PHIL PAN HD M/S ZP</p> 	<p>9540 10-32 X 1 PHIL PAN HD M/S ZP</p> 	<p>9528 10-24 X 1 PHIL PAN HD M/S ZP</p> 	<p>9547 1/4-20 X 1/2 PHIL PAN HD M/S</p> 	<p>9553 1/4-20 X 1-1/2 PHIL PAN HD</p> 

MACHINE SCREWS





IBS, INCORPORATED

Phillips Machine Screws G02

Phillips Pan Head Machine Screws SS (I18)



- Threads are feather-face for faster and easier assemblies.
- Stainless steel construction.
- Phillips drive provides for strip-free driving.

Size	6-32	8-32	10-24	10-32	1/4-20	Qty
1/4	12160	NS	NS	NS	NS	50
3/8	12162	12176	NS	NS	12216	50
1/2	12164	12178	12191	12205	12218	50
5/8	NS	NS	NS	12206	NS	50
3/4	12166	12180	12193	12207	12220	50
1	12168	12182	12195	12209	12222	50
1-1/4	NS	12183	12196	12210	12223	25
1-1/2	NS	12184	12197	12211	12224	25
2	NS	NS	NS	NS	12225	25

Stainless Steel Phillips Pan Head Machine Screws with Hex Nuts (Z02)

IBS No. 194R • 24 Items • 1150 Pcs



Stainless Steel Phillips Pan Head Machine Screws with Hex Nuts

Assortment No. 194R

11002 6-32 MACHINE SCREW NUT SS 	11003 8-32 MACHINE SCREW NUT SS 	11005 10-32 MACHINE SCREW NUT SS 	11004 10-24 MACHINE SCREW NUT SS 	12196 10-24 X 1-1/4 PHIL PAN M/S SS 	12220 1/4-20 X 3/4 PHIL PAN M/S SS
12164 6-32 X 1/2 PHIL PAN M/S SS 	12178 8-32 X 1/2 PHIL PAN M/S SS 	12205 10-32 X 1/2 PHIL PAN M/S SS 	12191 10-24 X 1/2 PHIL PAN M/S SS 	12197 10-24 X 1-1/2 PHIL PAN M/S SS 	12222 1/4-20 X 1 PHIL PAN M/S SS
12166 6-32 X 3/4 PHIL PAN M/S SS 	12180 8-32 X 3/4 PHIL PAN M/S SS 	12207 10-32 X 3/4 PHIL PAN M/S SS 	12193 10-24 X 3/4 PHIL PAN M/S SS 	11007 1/4-20 MACHINE SCREW NUT SS 	12223 1/4-20 X 1-1/4 PHIL PAN M/S SS
12168 6-32 X 1 PHIL PAN M/S SS 	12182 8-32 X 1 PHIL PAN M/S SS 	12209 10-32 X 1 PHIL PAN M/S SS 	12195 10-24 X 1 PHIL PAN M/S SS 	12218 1/4-20 X 1/2 PHIL PAN M/S SS 	12224 1/4-20 X 1-1/2 PHIL PAN M/S SS

MACHINE SCREWS



IBS, INCORPORATED

Phillips Machine Screws G02



Metric Phillips Pan Head Machine Screws (H12)



- Threads are feather-face for faster and easier assemblies.
- Zinc plated for anti-rust protection.
- **SOLD IN PACKAGES OF 100.**

Size	M4 x .7	M5 x .8	M6 x 1.0	M8 x 1.25
M6	10711			
M8	10712	601		
M10	10713	602	10730	
M12	10714	603	10731	
M14				
M16	10716	604	10733	10750
M20	10718	606	10735	10752
M25	10720	607	10737	10754
M30	10721	608	10738	10755

Metric Phillips Pan Head Machine Screws, Flat Washers & Nuts (Z02)

IBS No. 715R • 24 Items - 1,455 Pcs



Metric Phillips Pan Head Machine Screws Flat Washers & Nuts

Assortment No. 715R

<p>10713 M4-.7 X 10 PHIL PAN M/S ZP</p> 	<p>10716 M4-.7 X 16 PHIL PAN M/S ZP</p> 	<p>10718 M4-.7 X 20 PHIL PAN M/S ZP</p> 	<p>10721 M4-.7 X 30 PHIL PAN M/S ZP</p> 	<p>10564 M4 FLAT WASHER ZP</p> 	<p>10599 M4-.7 FIN HEX NUT CL8 ZP</p> 
<p>602 M5-.8 X 10 PHIL PAN M/S ZP</p> 	<p>604 M5-.8 X 16 PHIL PAN M/S ZP</p> 	<p>606 M5-.8 X 20 PHIL PAN M/S ZP</p> 	<p>608 M5-.8 X 30 PHIL PAN M/S ZP</p> 	<p>10565 M5 FLAT WASHER ZP</p> 	<p>10600 M5-.8 FIN HEX NUT CL8 ZP</p> 
<p>10730 M6-1.0 X 10 PHIL PAN M/S ZP</p> 	<p>10733 M6-1.0 X 16 PHIL PAN M/S ZP</p> 	<p>10735 M6-1.0 X 20 PHIL PAN M/S ZP</p> 	<p>10738 M6-1.0 X 30 PHIL PAN M/S ZP</p> 	<p>10566 M6 FLAT WASHER ZP</p> 	<p>10601 M6-1.0 FIN HEX NUT CL8 ZP</p> 
<p>10750 M8-1.25 X 16 PHIL PAN M/S ZP</p> 	<p>10752 M8-1.25 X 20 PHIL PAN M/S ZP</p> 	<p>10754 M8-1.25 X 25 PHIL PAN M/S ZP</p> 	<p>10755 M8-1.25 X 30 PHIL PAN M/S ZP</p> 	<p>10568 M8 FLAT WASHER ZP</p> 	<p>10603 M8-1.25 FIN HEX HUT CL8 ZP</p> 

MACHINE SCREWS





IBS, INCORPORATED

Metric Machine Screws H11 & H12

Phillips Flat Head (G02)

- Threads are feather-face for faster and easier assemblies.
- Zinc plated for anti-rust protection.
- Phillips drive provides for strip-free driving.
- **SOLD IN PACKAGES OF 100.**



PHILLIPS FLAT HEAD MACHINE SCREWS

Size	6-32	8-32	10-24	10-32	1/4-20
1/4	9610	9620	NS	NS	NS
3/8	9612	9622	NS	9637	NS
1/2	9613	9623	9630	9638	9645
3/4	9615	9625	9632	9640	9647
1	9617	9627	9634	9642	9649
1-1/2	9618	9628	9635	9643	9651
2	9619	9629	9636	9644	9653

Phillips Flat Head

Machine Screws SS (I18)

- Threads are feather-face for faster and easier assemblies.
- Stainless steel construction.
- Phillips drive provides for strip-free driving.



PHILLIPS FLAT HEAD MACHINE SCREWS SS

Size	6-32	8-32	10-24	10-32	1/4-20	Qty
1/4	12271	NS	NS	NS	NS	50
3/8	12273	12287	12301	12314	12326	50
1/2	12275	12289	12303	12316	12328	50
3/4	12277	12291	12305	12318	12330	50
1	12279	12293	12307	12320	12332	50
1-1/4	NS	12294	12308	12321	12333	25
1-1/2	NS	12295	12309	12322	12334	25
2	NS	NS	NS	NS	12335	25

Phillips Flat Head Machine Screws (Z02)

IBS No. 391R • 20 Items - 1,655 Pcs



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Phillips Bit Chart

This brief chart will help you match the screw size to the proper Phillips point.

POINT #0 - FOR SCREWS #0 & #1
POINT #1 - FOR SCREWS #2 THRU #4
POINT #2 - FOR SCREWS #5 THRU #10
POINT #3 - FOR SCREWS #12 THRU #18 AND 1/4
POINT #4 - FOR SCREWS 5/16 OR 1/2 AND LARGER

Phillips Flat Head Machine Screws

Assortment No. 391R

<p>9612 6-32 X 3/8 PHIL FLAT HD M/S ZP</p>	<p>9622 8-32 X 3/8 PHIL FLAT HD M/S ZP</p>	<p>9630 10-24 X 1/2 PHIL FLAT HD M/S</p>	<p>9638 10-32 X 1/2 PHIL FLAT HD M/S</p>	<p>9647 1/4-20 X 3/4 PHIL FLAT HD M/S</p>
<p>9613 6-32 X 1/2 PHIL FLAT HD M/S ZP</p>	<p>9623 8-32 X 1/2 PHIL FLAT HD M/S ZP</p>	<p>9632 10-24 X 3/4 PHIL FLAT HD M/S</p>	<p>9640 10-32 X 3/4 PHIL FLAT HD M/S</p>	<p>9649 1/4-20 X 1 PHIL FLAT HD M/S ZP</p>
<p>9615 6-32 X 3/4 PHIL FLAT HD M/S ZP</p>	<p>9625 8-32 X 3/4 PHIL FLAT HD M/S ZP</p>	<p>9634 10-24 X 1 PHIL FLAT HD M/S ZP</p>	<p>9642 10-32 X 1 PHIL FLAT HD M/S ZP</p>	<p>9651 1/4-20 X 1-1/2 PHIL FLAT HD</p>
<p>9617 6-32 X 1 PHIL FLAT HD M/S ZP</p>	<p>9627 8-32 X 1 PHIL FLAT HD M/S ZP</p>	<p>9637 10-32 X 3/8 PHIL FLAT HD M/S</p>	<p>9645 1/4-20 X 1/2 PHIL FLAT HD M/S</p>	<p>9653 1/4-20 X 2 PHIL FLAT HD M/S ZP</p>

MACHINE SCREWS

G-8



The Mark of Our Quality is in Our Service

11-27-17

IBS, INCORPORATED

Phillips Machine Screws SS I18



Phillips Oval Head Machine Screws SS (I18)

- Threads are feather-face for faster and easier assemblies.
- Stainless steel construction.
- Phillips drive provides for strip-free driving.



PHILLIPS OVAL HEAD MACHINE SCREWS SS

Size	4-40	6-32	8-32	10-24	10-32	1/4-20	Qty
1/4	NS	12376					50
3/8	NS	12378	12392	NS			50
1/2	NS	12380	12394	12408	12421	12433	50
5/8	NS		NS		12422		50
3/4	NS	12382	12396	12410	12423	12435	50
1	NS	12384	12398	12412	12425	12437	50
1-1/4				12414	NS	12438	25
1-1/2			12400		12427	12439	25
2						12440	25

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