

# Phillips Point Size Chart

Point Size	WOOD SCREW SIZE		MACHINE SCREW SIZE				SHEET METAL SCREW SIZE			
	Flat Oval	Round	Binding Flat	Binding Oval	Round Fillister	Truss Brazier	Truss Button	Binding Oval	Flat Round	Flat Stove
0	0-1	0-1	0-1		0-1		0-1			0-1
1	2-3-4	2-3-4	2-3-4		2-3-4		2-3-4-5			2-3-4
2	5-6-7-8-9	5-6-7-8-9-10	5-6-8-10		5-6-8-10		6-8-10			5-6-7-8-10
3	10-12-14-16	12-14-16	12-1/4		12-1/4-5/16		12-1/4			12-14
4	18-20-24	18-20-24	5/16-3/8-7/16-1/2		3/8-7/16-1/2		5/16-3/8-7/16-1/2			-

## 1/4" Hex Insert



Part #	Point Size	Overall Length		Features
		In	mm	
PO	0	1	25.4	
P1	1	1	25.4	
P2	2	1	25.4	
P3	3	1	25.4	
P4	4	1	25.4	
P1-FX	1	1	25.4	Full Hex
P2-FX	2	1	25.4	Full Hex
PR1	1	1	25.4	Reduced Diameter
PR2	2	1	25.4	Reduced Diameter
P2-15	2	1 1/2	38.1	
P1-20	1	2	50.8	
P2-20	2	2	50.8	
P3-20	3	2	50.8	

## 1/4" Hex Power Drive



Part #	Point Size	Overall Length		Features
		In	mm	
PO-2	0	1 15/16	49.2	
P1-2	1	1 15/16	49.2	
P2-2	2	1 15/16	49.2	
P3-2	3	1 15/16	49.2	
P1-3	1	2 3/4	69.9	
P2-3	2	2 3/4	69.9	
P3-3	3	2 3/4	69.9	
P1-4	1	3 1/2	88.9	
P2-4	2	3 1/2	88.9	
P3-4	3	3 1/2	88.9	
P1-6	1	6	152.4	
P2-6	2	6	152.4	
P3-6	3	6	152.4	

## 5/16" Hex Insert



Part #	Point Size	Overall Length		Features
		In	mm	
5P1	1	1 1/4	31.8	
5P2	2	1 1/4	31.8	
5P3	3	1 1/4	31.8	
5P4	4	1 1/4	31.8	

## 1/4" Hex Insert ACR



Part #	Point Size	Overall Length		Features
		In	mm	
P1-ACR	1	1	25.4	
P2-ACR	2	1	25.4	
P3-ACR	3	1	25.4	
PR2-ACR	2	1	25.4	Reduced Diameter

## 1/4" Hex Power Drive










Part #	Point Size	Overall Length		Features
		In	mm	
P1-2-ACR	1	1 15/16	49.2	
P2-2-ACR	2	1 15/16	49.2	
P3-2-ACR	3	1 15/16	49.2	

## 1/4" Hex Insert Tamper Resistant



Part #	Point Size	Overall Length		Features
		In	mm	
TP2	2	1	25.4	
TP3	3	1	25.4	

# Types of Heads Slotted

Slot Size	Blade Thickness (Approx.) in.	Blade Width (Approx.) in.	DIAMETER OF SCREW HEAD TYPES						Width of Slot	
			Screw Size	Flat Oval	Round	Truss	Binding	Fillister		Pan
<b>1F-2R</b>	.022	.122	1							
				.146	.138	—	—	.118	—	.026
<b>2F-3R</b>	.026	.134	2	.130	.122	—	—	.104	—	.019
				.172	.162	.194	.181	.140	.167	.031
<b>3F-4R</b>	.030	.154	3	.156	.146	.180	.171	.124	.155	.023
				.199	.187	.226	.208	.161	.193	.035
<b>4F-5R</b>	.034	.187	4	.181	.169	.211	.197	.145	.180	.027
				.225	.211	.257	.235	.183	.219	.039
<b>5F-6R</b>	.036	.215	5	.207	.193	.241	.223	.166	.205	.031
				.252	.236	.289	.263	.205	.245	.043
<b>6F-7R</b>	.038	.250	6	.232	.217	.272	.249	.187	.231	.035
				.279	.260	.321	.290	.226	.270	.048
<b>7F-8R</b>	.040	.275	7	.257	.240	.303	.275	.208	.256	.039
				.305	.285	.352	—	—	.296	.048
<b>8F-9R</b>	.042	.275	8	.283	.264	.333	—	—	.281	.039
				.332	.309	.384	.344	.270	.322	.054
<b>9F-10R</b>	.044	.312	9	.308	.287	.364	.326	.250	.306	.045
				.358	.334	—	—	—	—	.054
<b>10F-12R</b>	.046	.312	10	.334	.311	—	—	—	—	.045
				.385	.359	.448	.399	.313	.372	.060
<b>12F-14R</b>	.050	.328	12	.359	.334	.425	.378	.292	.357	.050
				.438	.408	.511	.454	.357	.425	.067
<b>14F-16R</b>	.055	.328	14	.410	.382	.487	.430	.334	.407	.056
				.491	.457	—	—	—	—	.075
<b>16F-18R</b>	.060	.500	16	.461	.424	—	—	—	—	.064
				—	—	.573	.513	.414	.492	.075
						.546	.488	.389	.473	.064
				.544	.506	—	—	—	—	.075
				.512	.476	—	—	—	—	.064

## 1/4" Hex Insert



Part #	Point Size	Overall Length		Features
		In	mm	
250SS1	1F-2R	1	25.4	
250SS2	2F-3R	1	25.4	
250SS3	3F-4R	1	25.4	
250SS4	4F-5R	1	25.4	
250SS5	5F-6R	1	25.4	
250SS6	6F-8R	1	25.4	
250SS8	8F-10R	1	25.4	
250SS10	10F-12R	1	25.4	
250SS12	12F-14R	1	25.4	

## 1/4" Hex Power Drive



Part #	Point Size	Overall Length		Features
		In	mm	
SL1-2	1F-2R	1 15/16	49.2	
SL2-2	2F-3R	1 15/16	49.2	
SL3-2	3F-4R	1 15/16	49.2	
SL4-2	4F-5R	1 15/16	49.2	
SL5-2	5F-6R	1 15/16	49.2	
SL6-2	6F-7R	1 15/16	49.2	
SL8-2	8F-10R	1 15/16	49.2	
SL10-2	10F-12R	1 15/16	49.2	
SL12-2	12F-14R	1 15/16	49.2	
SL1-3	1F-2R	2 3/4	69.9	
SL2-3	2F-3R	2 3/4	69.9	
SL3-3	3F-4R	2 3/4	69.9	
SL4-3	4F-5R	2 3/4	69.9	
SL5-3	5F-6R	2 3/4	69.9	
SL6-3	6F-7R	2 3/4	69.9	
SL8-3	8F-10R	2 3/4	69.9	
SL10-3	10F-12R	2 3/4	69.9	
SL1-4	1F-2R	3 1/2	88.9	
SL2-4	2F-3R	3 1/2	88.9	
SL3-4	3F-4R	3 1/2	88.9	
SL4-4	4F-5R	3 1/2	88.9	
SL5-4	5F-6R	3 1/2	88.9	
SL6-4	6F-7R	3 1/2	88.9	
SL8-4	8F-10R	3 1/2	88.9	
SL10-4	10F-12R	3 1/2	88.9	

# Slotted

## 1/4" Hex Power Drive



Part #	Point Size	Overall Length		Features
		In	mm	
SL1-6	1F-2R	6	152.4	
SL2-6	2F-3R	6	152.4	
SL3-6	3F-4R	6	152.4	
SL4-6	4F-5R	6	152.4	
SL5-6	5F-6R	6	152.4	
SL6-6	6F-7R	6	152.4	
SL8-6	8F-10R	6	152.4	
SL10-6	10F-12R	6	152.4	

## 5/16" Hex insert



Part #	Point Size	Overall Length		Features
		In	mm	
56SS4	4F-5R	1 1/2	38.1	
56SS6	6F-8R	1 1/2	38.1	
56SS8	8F-10R	1 1/2	38.1	
56SS10	10F-12R	1 1/2	38.1	
56SS12	12F-14R	1 1/2	38.1	
56SS14	14F-16R	1 1/2	38.1	
56SS16	16F-18R	1 1/2	38.1	

# Slotted Bit Finder

## 1/4" Hex Power Drive With Finder Sleeve



Part #	Slot Size	Blade Thickness	Bit Diameter	Overall Length
BF4	4F-5R	.036	.193	3 3/4
BF5	5F-6R	.036	.193	3 3/4
BF6	6F-8R	.040	.241	3 3/4
BF8	8F-10R	.042	.290	3 3/4
BF10	10F-12R	.046	.350	3 3/4
BF12	12F-14R	.050	.395	3 7/8
BF14	14F-16R	.055	.457	4 1/8

## 7/16" Hex Power Drive With Finder Sleeve



BFP6	6F-8R	.040	.241	3 3/4
BFP8	8F-10R	.042	.290	3 3/4
BFP10	10F-12R	.046	.350	3 7/8
BFP12	12F-14R	.050	.395	3 7/8
BFP14	14F-16R	.055	.457	4 1/8
BFP16	16F-20R	.060	.503	4 1/8
BFP20	20F-22R	.062	.545	4 1/8
BFP22	22F-24R	.065	.595	4 1/8

# Torx Screw Head Types

Screw Size	Thread Diameter	TORX SCREW HEAD TYPES								Opening Depth (D) Set Screw
		Internal Torx Hex Washer	Pan	Flat	Hex	Truss	Fillister	Oval	Socket Head Cap Screw	
2	.086	<b>T7</b>	<b>T7</b>	<b>T6</b>	–	–	–	–	–	<b>T3</b>
3	.099	<b>T8</b>	<b>T8</b>	<b>T7</b>	–	–	–	–	–	<b>T5</b>
4	.112	<b>T9</b>	<b>T9</b>	<b>T8</b>	<b>T9</b>	–	<b>T9</b>	–	<b>T10</b>	<b>T6</b>
5	.125	<b>T10</b>	<b>T10</b>	<b>T9</b>	<b>T10</b>	–	<b>T10</b>	<b>T10</b>	<b>T10</b>	<b>T7</b>
6	.138	<b>T15</b>	<b>T15</b>	<b>T10</b>	<b>T15</b>	<b>T10</b>	<b>T15</b>	<b>T15</b>	<b>T15</b>	<b>T7</b>
8	.164	<b>T20</b>	<b>T20</b>	<b>T15</b>	<b>T20</b>	<b>T15</b>	<b>T20</b>	<b>T20</b>	<b>T25</b>	<b>T8</b>
10	.190	<b>T25</b>	<b>T25</b>	<b>T20</b>	<b>T25</b>	<b>T20</b>	<b>T25</b>	<b>T25</b>	<b>T27</b>	<b>T10</b>
12	.216	<b>T27</b>	<b>T27</b>	<b>T25</b>	<b>T27</b>	<b>T25</b>	<b>T27</b>	<b>T27</b>	<b>T27</b>	<b>T10</b>
1/4	.250	<b>T30</b>	<b>T30</b>	<b>T27</b>	<b>T30</b>	<b>T27</b>	<b>T30</b>	<b>T30</b>	<b>T30</b>	<b>T20</b>
5/16	.312	–	–	<b>T40</b>	<b>T40</b>	<b>T40</b>	<b>T40</b>	<b>T40</b>	<b>T45</b>	<b>T27</b>
3/8	.375	–	<b>T45</b>	<b>T40</b>	<b>T45</b>	<b>T45</b>	<b>T45</b>	<b>T45</b>	<b>T50</b>	<b>T30</b>
7/16	.437	–	<b>T50</b>	<b>T50</b>	–	<b>T45</b>	<b>T50</b>	<b>T50</b>	<b>T55</b>	<b>T40</b>
1/2	.500	–	<b>T55</b>	<b>T50</b>	–	<b>T50</b>	<b>T55</b>	<b>T50</b>	<b>T55</b>	<b>T45</b>

## 1/4" Hex Insert for Torx



Part #	Drive Size	Overall Length		Features
		In	mm	
T3	T3	1	25.4	
T4	T4	1	25.4	
T5	T5	1	25.4	
T6	T6	1	25.4	
T7	T7	1	25.4	
T8	T8	1	25.4	
T9	T9	1	25.4	
T10	T10	1	25.4	
T15	T15	1	25.4	
T20	T20	1	25.4	
T25	T25	1	25.4	
T27	T27	1	25.4	
T30	T30	1	25.4	
T40	T40	1	25.4	

## 5/16" Hex Insert for Torx



Part #	Drive Size	Overall Length		Features
		In	mm	
5T30	T30	1 1/4	31.8	
5T40	T40	1 1/4	31.8	
5T45	T45	1 1/4	31.8	
5T50	T50	1 1/4	31.8	
5T55	T55	1 1/4	31.8	
5T60	T60	1 1/4	31.8	



## 1/4" Hex Power for Torx



Part #	Drive Size	Overall Length		Features
		In	mm	
T5-2	T5	1 15/16	49.2	
T6-2	T6	1 15/16	49.2	
T7-2	T7	1 15/16	49.2	
T8-2	T8	1 15/16	49.2	
T9-2	T9	1 15/16	49.2	
T10-2	T10	1 15/16	49.2	
T15-2	T15	1 15/16	49.2	
T20-2	T20	1 15/16	49.2	
T25-2	T25	1 15/16	49.2	
T27-2	T27	1 15/16	49.2	
T30-2	T30	1 15/16	49.2	
T40-2	T40	1 15/16	49.2	
T5-3	T5	2 3/4	69.9	
T6-3	T6	2 3/4	69.9	
T7-3	T7	2 3/4	69.9	
T8-3	T8	2 3/4	69.9	
T9-3	T9	2 3/4	69.9	
T10-3	T10	2 3/4	69.9	
T15-3	T15	2 3/4	69.9	
T20-3	T20	2 3/4	69.9	
T25-3	T25	2 3/4	69.9	
T27-3	T27	2 3/4	69.9	
T30-3	T30	2 3/4	69.9	
T40-3	T40	2 3/4	69.9	
T6-4	T6	3 1/2	88.9	
T7-4	T7	3 1/2	88.9	
T8-4	T8	3 1/2	88.9	
T9-4	T9	3 1/2	88.9	
T10-4	T10	3 1/2	88.9	
T15-4	T15	3 1/2	88.9	
T20-4	T20	3 1/2	88.9	
T25-4	T25	3 1/2	88.9	
T27-4	T27	3 1/2	88.9	
T30-4	T30	3 1/2	88.9	
T40-4	T40	3 1/2	88.9	
T6-6	T6	6	152.4	
T7-6	T7	6	152.4	
T8-6	T8	6	152.4	
T9-6	T9	6	152.4	
T10-6	T10	6	152.4	
T15-6	T15	6	152.4	



## 1/4" Hex Power for Torx

Part #	Drive Size	Overall Length		Features
		In	mm	
T20-6	T20	6	152.4	
T25-6	T25	6	152.4	
T27-6	T27	6	152.4	
T30-6	T30	6	152.4	
T40-6	T40	6	152.4	

## 1/4" Hex Insert For Tamper Resistant Torx



Part #	Drive Size	Overall Length		Features
		In	mm	
TT5	T5	1	25.4	
TT6	T6	1	25.4	
TT7	T7	1	25.4	
TT8	T8	1	25.4	
TT9	T9	1	25.4	
TT10	T10	1	25.4	
TT15	T15	1	25.4	
TT20	T20	1	25.4	
TT25	T25	1	25.4	
TT27	T27	1	25.4	
TT30	T30	1	25.4	
TT40	T40	1	25.4	

## 5/16" Hex Insert For Tamper Resistant Torx



Part #	Drive Size	Overall Length		Features
		In	mm	
5TT40	T40	1 1/4	31.8	
5TT45	T45	1 1/4	31.8	
5TT50	T50	1 1/4	31.8	
5TT55	T55	1 1/4	31.8	

## 1/4" Hex Insert



Part #	Point Size	Tension Head Size	Shear Head Size	Overall Length	
				In	mm
TW1	1	2-56	4-40	1	25.4
TW2	2	4-40	6-32	1	25.4
TW3	3	6-32	8-32	1	25.4
TW4	4	8-32	10-32	1	25.4
TW5	5	10-32	1/4-28	1	25.4
TW6	6	1/4	5/16	1 1/4	31.8

## 7/16" Hex Insert



Part #	Point Size	Tension Head Size	Shear Head Size	Overall Length	
				In	mm
TW7	7	5/16-24	3/8-24	1 1/4	31.8
TW8	8	3/8-24	7/16-20	1 1/4	31.8

## Pozodriv Drivers



Part #	Point Size	Overall Length		Features
		In	mm	
PZ0	0	1	25.4	
PZ1	1	1	25.4	
PZ2	2	1	25.4	
PZ3	3	1	25.4	

## 1/4" Hex Power Drive



Part #	Point Size	Overall Length		Features
		In	mm	
PZ1-2	1	1 15/16	49.2	
PZ2-2	2	1 15/16	49.2	
PZ3-2	3	1 15/16	49.2	

## 5/16" Hex Insert



Part #	Point Size	Overall Length		Features
		In	mm	
5PZ1	1	1 1/4	31.8	
5PZ2	2	1 1/4	31.8	
5PZ3	3	1 1/4	31.8	
5PZ4	4	1 1/4	31.8	

# Bit Holders

## Stainless Steel 1/4" Hex Power Drive

Magnetic accepts all standard 1/4 hex inserts.



Part #	Overall Length	
	In	mm
MBHZ 1/4	2 1/8	53.9
MBHW 1/4	2 5/16	58.7
MBHY 1/4	2 7/8	73.0
MBH 1/4-3	3	76.2
MBH 1/4-4	4	101.6
MBH 1/4-6	8	203.2
MBH 1/4-10	10	254.0
MBH 1/4-12	12	304.8

## Thin Wall 1/4" Hex Power Drive

Stainless Steel Magnetic accepts all standard 1/4 hex inserts.



Part #	Overall Length	
	In	mm
MBHR 1/4	2 7/8	73.0
MBHR 1/4-4	4	101.6
MBHR 1/4-6	6	152.4
MBHR 1/4-8	8	203.2
MBHR 1/4-10	10	254.0

## Turn Down Barrel 1/4" Hex Power Drive

Stainless Steel Magnetic accepts all standard 1/4 hex inserts.



Part #	Overall Length	
	In	mm
MBHC 1/4	2 1/4	57.2
MBHL 1/4	3	76.2
MBHS 1/4	2 7/8	73.0
MBHT 1/4	3	76.2