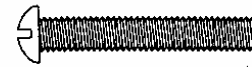
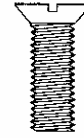




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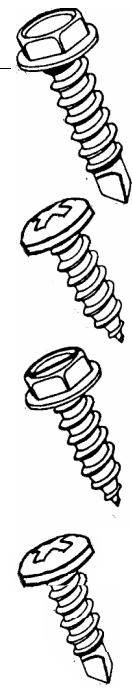
MACHINE SCREWS AND MACHINE SCREW NUTS



Description	Standard Package Qty.	Round Head	Stainless Steel Pan Head	Phillips Flat head	Size	Machine Screw Nuts	
						Standard	Stainless
6-32 X 1/4	100	RHMS63214	RHMS63214SS				
6-32 X 1/2	100	RHMS63212	RHMS63212SS				
6-32 X 3/4	100	RHMS63234	RHMS63234SS				
6-32 X 1"	100	RHMS63201	RHMS63201SS		6-32	HMSN632	HMSN632SS
8-32 X 1/4	100	RHMS83214	RHMS83214SS	FHM83214	8-32	HMSN832	HMSN832SS
8-32 X 1/2	100	RHMS83212	RHMS83212SS	FHMS83212	10-24	HMSN1024	HMSN1024SS
8-32 X 3/4	100	RHMS83234	RHMS83234SS	FHMS83234	10-32	HMSN1032	HMSN1032SS
8-32 X 1"	100	RHMS83201	RHMS83201SS	FHM83201	12-24	HMSN1224	HMSN1224SS
8-32 X 1-1/2	100	RHMS832112	RHMS832112SS	FHMS832112	1/4-20	HMSN1420	S1900
10-24 X 1/4	100	RHMS102414	RHMS102414SS	FHMS102414			
10-24 X 1/2	100	RHMS102412	RHMS102412SS	FHMS102412			
10-24 X 3/4	100	RHMS102434	RHMS102434SS	FHMS102434			
10-24 X 1"	100	RHMS102401	RHMS102401SS	FHMS102401			
10-24 X 1-1/2	100	RHMS1024112	RHMS1024112SS	FHMS1024112			
10-24 X 2"	100	RHMS102402	RHMS102402SS	FHMS102402			
10-32 X 1/4	100	RHMS103214	RHMS103214SS	FHMS103214			
10-32 X 1/2	100	RHMS103212	RHMS103212SS	FHMS103212			
10-32 X 3/4	100	RHMS103234	RHMS103234SS	FHMS103234			
10-32 X 1"	100	RHMS103201	RHMS103201SS	FHMS1032112			
10-32 X 1-1/2	100	RHMS1032112	RHMS1032112SS	FHMS1032112			
10-32 X 2"	100	RHMS103202	RHMS103202SS	FHMS103202			
12-24 X 1/2	100	RHMS122412	RHMS122412SS	FHMS122412			
12-24 X 3/4	100	RHMS122434	RHMS122434SS	FHMS122434			
12-24 X 1"	100	RHMS122401	RHMS122401SS	FHMS122401			
12-24 X 1-1/2	100	RHMS1224112	RHMS1224112SS	FHMS1224112			
12-24 X 2"	100	RHMS122402	RHMS122402SS	---			
1/4-20 X 1/2	100	RHMS142012	RHMS142012SS	FHMS142012			
1/4-20 X 3/4	100	RHMS142034	RHMS142034SS	FHMS142034			
1/4-20 X 1"	100	RHMS142001	RHMS142001SS	FHMS142001			
1/4-20 X 1-1/2	100	RHMS1420112	RHMS1420112SS	FHMS1420112			
1/4-20 X 2"	100	RHMS142002	RHMS142002SS	FHMS142002			
1/4-20 X 2-1/2	100	RHMS1420212	RHMS1420212SS	FHMS1420212			

Sheet Metal Screws - Zinc Plated / Stainless Steel (Add suffix of SS to Part Number)

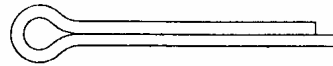
Size	Package Quantity	Phillips Pan Head		Hex Washer Head	
		Type "A"	Self Drill (Tek)	Type "A"	Self Drill (Tek)
6 X 1/2	100	PHPHSMS0612	PHPHTEK0612	HWSMS0612	HWTEK0612
6 X 3/4	100	PHPHSMS0634	PHPHTEK0634	HWSMS0634	HWTEK0634
6 X 1	100	PHPHSMS0601	PHPHTEK0601	HWSMS0601	HWTEK0601
6 X 1-1/2	100	PHPHSMS06112		HWSMS06112	
8 X 1/2	100	PHPHSMS0812	PHPHTEK0812	HWSMS0812	HWTEK0812
8 X 3/4	100	PHPHSMS0834	PHPHTEK0834	HWSMS0834	HWTEK0834
8 X 1"	100	PHPHSMS0801	PHPHTEK0801	HWSMS0801	HWTEK0801
8 X 1-1/4	100	PHPHSMS08114		HWSMS08114	HWTEK08114
8 X 1-1/2	100	PHPHSMS08112	PHPHTEK08112	HWSMS08112	HWTEK08112
10 X 1/2	100	PHPHSMS1012	PHPHTEK1012	HWSMS1012	HWTEK1012
10 X 3/4	100	PHPHSMS1034	PHPHTEK1034	HWSMS1034	HWTEK1034
10 X 1"	100	PHPHSMS1001	PHPHTEK1001	HWSMS1001	HWTEK1001
10 X 1-1/4	100	PHPHSMS10114		HWSMS10114	HWTEK10114
10 X 1-1/2	100	PHPHSMS10112		HWSMS10112	HWTEK10112
10 X 2"	100	PHPHSMS1002		HWSMS1002	
12 X 3/4	100	PHPHSMS1234		HWSMS1234	HWTEK1234
12 X 1"	100	PHPHSMS1201		HWSMS1201	HWTEK1201
12 X 1-1/4	100	PHPHSMS12114		HWSMS12114	
12 X 1-1/2	100	PHPHSMS12112		HWSMS12112	HWTEK12112
12 X 2"	100	PHPHSMS1202		HWSMS1202	
14 X 3/4	100	PHPHSMS1434		HWSMS1434	HWTEK1434
14 X 1"	100	PHPHSMS1401		HWSMS1401	HWTEK1401
14 X 1-1/4	100	PHPHSMS14114		HWSMS14114	
14 X 1-1/2	100	PHPHSMS14112		HWSMS14112	HWTEK14112
14 X 1-3/4	100	PHPHSMS14134			
14 X 2"	100	PHPHSMS1402		HWSMS1402	HWTEK1402



HARDWARE

COTTER PINS

ZINC PLATED



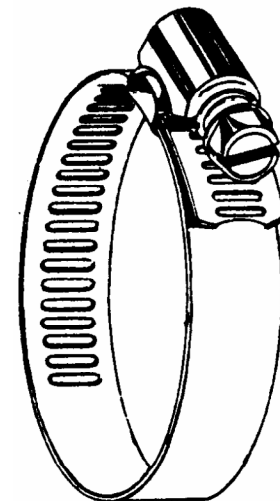
Standard	Part		Standard	Part		Standard	Part	
Size	Pack	Number	Size	Pack	Number	Size	Pack	Number
1/16 X 1/2	200	10100	5/32 X 1-1/2	100	10144	5/16 X 2"	25	10183
1/16 X 1"	200	10102	5/32 X 2"	50	10146	5/16 X 2-1/2	25	10185
1/16 X 1-1/2	200	10104	5/32 X 2-1/2	50	10148	5/16 X 3"	25	10186
			5/32 X 3"	50	10149	5/16 X 4"	25	10188
5/64 X 1"	200	10109				5/16 X 5"	25	10189
5/64 X 1-1/2	200	10111	3/16 X 1-1/2	50	10153			
5/64 X 2"	200	10113	3/16 X 2"	50	10155	3/8 X 2-1/2	10	10190
			3/16 X 2-1/2	50	10157	3/8 X 3"	10	10191
3/32 X 1"	200	10117	3/16 X 3"	50	10158	3/8 X 3-1/2	10	10192
3/32 X 1-1/2	100	10119				3/8 X 4"	10	10193
3/32 X 2"	100	10121	7/32 X 1-1/2	50	10163	3/8 X 5"	10	10194
			7/32 X 2"	50	10165	3/8 X 6"	10	10195
7/64 X 1"	100	10125	7/32 X 2-1/2	50	10167			
7/64 X 1-1/2	100	10127	7/32 X 3"	25	10168	1/2 X 3"	10	10196
7/64 X 2"	100	10129				1/2 X 4"	10	10197
			1/4 X 2"	25	10175	1/2 X 5"	10	10198
1/8 X 1"	100	10134	1/4 X 2-1/2	25	10177	1/2 X 6"	10	10199
1/8 X 1-1/2	100	10136	1/4 X 3"	25	10178			
1/8 X 2"	100	10138	1/4 X 4"	25	10180			
1/8 X 2-1/2	100	10139						
1/8 X 3"	100	10140						

HOSE CLAMPS

1/2" Stainless Steel Band*

5/16" Slotted Hex Head Clear Chromate Carbon Screw

Part Number	Standard Pack	Minimum Diameter	Maximum Diameter	Nominal Diameter	Hose I. D. (Std 3/16 Wall)
33304	10	7/32	5/8	3/8	3/16 - 5/16
33306	10	3/8	7/8	1/2	1/4 - 3/8
33308	10	7/16	1"	9/16	5/16 - 1/2
33310	10	9/16	1-1/16	5/8	3/8 - 5/8
33312	10	9/16	1-1/4	3/4	5/8 - 3/4
33316	10	11/16	1-1/2	1"	3/4 - 1"
33320	10	3/4	1-3/4	1-1/4	1" - 1-1/4
33324	10	1-1/16	2"	1-1/2	1-1/4 - 1-1/2
33328	10	1-5/16	2-1/4	1-3/4	1-1/4 - 1-3/4
33332	10	1-9/16	2-1/2	2"	1-1/2 - 2"
33336	10	1-13/16	2-3/4	2-1/4	1-3/4 - 2-1/4
33340	10	2-1/16	3"	2-1/2	2" - 2-1/2
33344	10	2-5/16	3-1/4	2-3/4	2-1/4 - 2-3/4
33348	10	2-9/16	3-1/2	3"	2-1/2 - 3"
33352	10	2-13/16	3-3/4	3-1/4	3" - 3-1/4
33356	10	3-1/16	4"	3-1/2	3-1/4 - 3-1/2
33360	10	3-5/16	4-1/4	3-3/4	3-1/2 - 4"
33364	10	3-9/16	4-1/2	4-7/32	3-3/4 - 4"
33372	10	4-1/16	5"	4-1/2	4" - 4-1/2
33380	10	4-5/8	5-1/2	5"	4-1/2 - 5"
33388	10	4-3/16	6"	5-1/2	5" - 5-1/2
33396	10	4-3/4	6-7/16	6"	5-1/2 - 6"
33404	10	5-1/4	7-1/16	6-1/2	6" - 6-1/2



LINED CLAMPS FOR SOFT OR SILICONE HOSE ARE AVAILABLE

*EXCEPT 33304 - 5/16 BAND WIDTH, 1/4" HEX SCREW

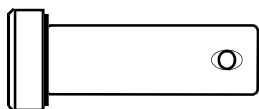
HARDWARE

Universal (Adjustable) Clevis Pins

Diameter	Length	Holes per Pin	Hole Size	Part Number	Standard Package
1/4	2"	6	7/64	UCP1402	25
5/16	2"	6	7/64	UCP51602	25
3/8	2"	6	9/64	UCP3802	15
	2-1/2"	7	9/64	UCP38212	15
	3"	7	9/64	UCP3803	15
7/16	2"	6	5/32	UCP71602	15
	2-1/2"	7	5/32	UCP716212	15
	3"	7	5/32	UCP71603	15
1/2	2"	6	5/32	UCP1202	10
	2-1/2"	7	5/32	UCP12212	10
	3"	7	5/32	UCP1203	10
5/8	3"	7	5/32	UCP5803	10

Additional sizes available upon request.

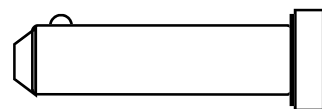
Standard and Cotterless Clevis Pins



Standard Clevis Pin

Standard Clevis Pins are available in sizes ranging from 3/16 X 1/2" through 2" X 9".

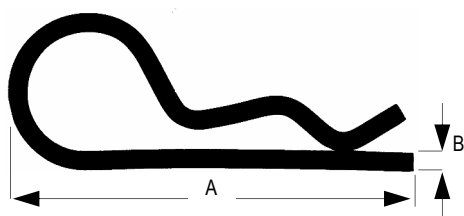
Cotterless Clevis Pins available in sizes from 3/16 X 1" through 1/2 X 5".



Cotterless Clevis Pin

Call us with your requirements

Hitch Pin (Hair Pin) Clips

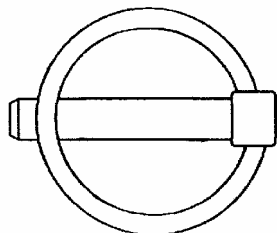


Dimensions are approximate
Use for reference only.

Shaft Size	Overall Length (A)	Wire Diameter (B)	Part Number	Standard Package
1/8 - 5/32	.600	.028	HITPIN18532	100
3/16 - 1/4	1.00	.042	HITPIN31614	100
1/4 - 3/8	1.563	.047	HITPIN1438	100
1/4 - 1/2	2.00	.093	HITPIN1412	50
3/8 - 1/2	1.875	.072	HITPIN3812	50
7/16 - 3/4	2.563	.125	HITPIN71634	50
5/8 - 1"	2.9375	.148	HITPIN5801	25
7/8 - 1-1/4	3.75	.177	HITPIN78114	15
1-1/4 - 1-1/2	5.125	.243	HITPIN114112	5

Additional sizes available upon request

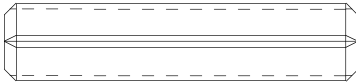
Lynch Pins



Dimensions	Standard	With Chain & Cotter Pin
3/16 X 1-9/16	LYNPIN316	LYNPIN316CH
1/4 X 1-9/16	LYNPIN14	LYNPIN14CH
5/16 X 1-9/16	LYNPIN516	LYNPIN516CH
7/16 X 1-9/16	LYNPIN716	LYNPIN716CH

Additional sizes available.

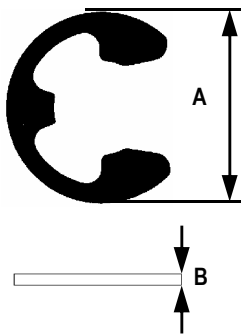
Spring (Tension) Pins



Size	Part Number	Pkg. Quan.	Size	Part Number	Pkg. Quan.
			5/32 X		
			1-1/2	SPRPIN532112	100
			1-3/4	SPRPIN532134	50
			2"	SPRPIN53202	50
			Cont'd		
			1/2	SPRPIN31612	50
			3/4	SPRPIN31634	50
			7/8	SPRPIN31678	50
			1"	SPRPIN31601	50
			3/16 X		
			1-1/4	SPRPIN316114	50
			1-1/2	SPRPIN316112	50
			1-3/4	SPRPIN316134	50
			2"	SPRPIN31602	50
			2-1/4	SPRPIN316214	50
			2-1/2	SPRPIN316212	50
			1/4 X		
			1/2	SPRPIN73212	50
			3/4	SPRPIN73234	50
			7/8	SPRPIN73278	50
			1"	SPRPIN73201	50
			7/32 X		
			1-1/4	SPRPIN732114	50
			1-1/2	SPRPIN732112	50
			1-3/4	SPRPIN732134	50
			2"	SPRPIN73202	50
			2-1/4	SPRPIN732214	50
			2-1/2	SPRPIN732212	50
			1/8 X		
			1/2	SPRPIN1412	50
			3/4	SPRPIN1434	50
			7/8	SPRPIN1478	50
			1"	SPRPIN1401	50
			1/4 X		
			1-1/4	SPRPIN14114	50
			1-1/2	SPRPIN14112	50
			1-3/4	SPRPIN14134	50
			2"	SPRPIN1402	50
			2-1/4	SPRPIN14214	50
			2-1/2	SPRPIN14212	50
			2-1/4	SPRPIN14214	50
			3"	SPRPIN1403	50
			5/16 X		
			3/4	SPRPIN51634	50
			7/8	SPRPIN51678	50
			1"	SPRPIN51601	50
			1-1/4	SPRPIN516114	50
			1-1/2	SPRPIN516112	50
			1-3/4	SPRPIN516134	50
			2"	SPRPIN51602	50
			2-1/4	SPRPIN516214	25
			2-1/2	SPRPIN516212	25
			2-3/4	SPRPIN516234	25
			3"	SPRPIN51603	25
			3/8 X		
			1"	SPRPIN3801	25
			1-1/4	SPRPIN38114	25
			1-1/2	SPRPIN38112	25
			1-3/4	SPRPIN38134	25
			2"	SPRPIN3802	25
			2-1/4	SPRPIN38214	25
			2-1/2	SPRPIN38212	25
			2-3/4	SPRPIN38234	25
			3"	SPRPIN3803	25
			1/2 X		
			1-1/2	SPRPIN12112	15
			1-3/4	SPRPIN12134	15
			2"	SPRPIN1202	15
			2-1/4	SPRPIN12214	10
			2-1/2	SPRPIN12212	10
			2-1/4	SPRPIN12214	10
			3"	SPRPIN1203	10
<p>Additional sizes available upon request.</p> <p>Call us with your requirements</p>					
			5/32 X		
			1/2	SPRPIN53212	100
			3/4	SPRPIN53234	100
			7/8	SPRPIN53278	100
			1"	SPRPIN53201	100
			1-1/4	SPRPIN532114	100

HARDWARE

Standard E-Ring



Size (inches)	Part Number	A Dimension	B Thickness	Size (inches)	Part Number	A Dimension	B Thickness
1/16	ERING116	.156	.010	3/8	ERING038	.660	.035
3/32	ERING332	.230	.015	7/16	ERING716	.687	.035
1/8	ERING018	.230	.015	1/2	ERING012	.800	.042
5/32	ERING532	.282	.025	5/8	ERING058	.940	.042
3/16	ERING316	.335	.025	3/4	ERING034	1.120	.050
7/32	ERING732	.437	.025	7/8	ERING078	1.30	.050
1/4	ERING014	.527	.025	1"	ERING01	1.5	.050
5/16	ERING516	.500	.025				

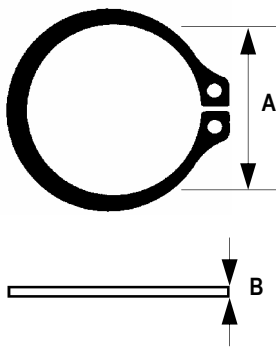
External Retaining Rings

Standard Package Quantities:

1/4 thru 1-1/4 = 50 Pcs.

1-1/16 thru 2" = 25 Pcs.

Additional Sizes Available



Shaft Size	Part Number	A Dimension	B Thickness	Shaft Size	Part Number	A Dimension	B Thickness
3/16	EXTRR316	.180	.025	1	EXTRR01	.925	.042
1/4	EXTRR014	.225	.025	1-1/16	EXTRR01116	.982	.050
5/16	EXTRR516	.281	.025	1-1/8	EXTRR118	1.041	.050
3/8	EXTRR038	.338	.025	1-3/16	EXTRR01316	1.098	.050
7/16	EXTRR716	.395	.025	1-1/4	EXTRR114	1.156	.050
1/2	EXTRR012	.461	.035	1-5/16	EXTRR01516	1.214	.050
9/16	EXTRR916	.521	.035	1-3/8	EXTRR138	1.272	.050
5/8	EXTRR058	.579	.035	1-7/16	EXTRR1716	1.333	.050
11/16	EXTRR1116	.635	.042	1-1/2	EXTRR112	1.387	.050
3/4	EXTRR034	.693	.042	1-5/8	EXTRR158	1.503	.062
13/16	EXTRR1316	.751	.042	1-3/4	EXTRR134	1.618	.062
7/8	EXTRR078	.810	.042	1-7/8	EXTRR178	1.735	.062
15/16	EXTRR1516	.867	.042	2	EXTRR02	1.850	.062

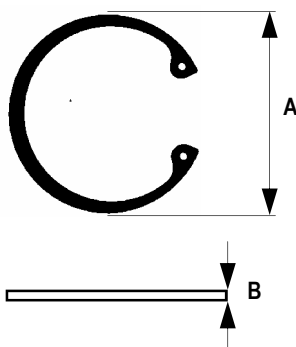
Internal Retaining Rings

Standard Package Quantities:

1/4 thru 1-1/4 = 50 Pcs.

1-1/16 thru 2" = 25 Pcs.

Additional Sizes Available



Shaft Size	Part Number	A Dimension	B Thickness	Shaft Size	Part Number	A Dimension	B Thickness
1/4	INTRR014	.280	.015	1	INTRR01	1.111	.042
5/16	INTRR516	.346	.015	1-1/16	INTRR01116	1.180	.042
3/8	INTRR038	.415	.025	1-1/8	INTRR118	1.249	.050
7/16	INTRR716	.482	.025	1-3/16	INTRR01316	1.319	.050
1/2	INTRR012	.548	.035	1-1/4	INTRR114	1.388	.050
9/16	INTRR916	.620	.035	1-5/16	INTRR01516	1.456	.050
5/8	INTRR058	.694	.035	1-3/8	INTRR138	1.526	.050
11/16	INTRR1116	.763	.035	1-7/16	INTRR1716	1.596	.050
3/4	INTRR034	.831	.035	1-1/2	INTRR112	1.660	.050
13/16	INTRR1316	.901	.042	1-5/8	INTRR158	1.804	.062
7/8	INTRR078	.971	.042	1-3/4	INTRR134	1.942	.062
15/16	INTRR1516	1.041	.042	2	INTRR02	2.210	.062

HARDWARE