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The Worth Company is proud to be certified to the ISO 9001:2015 standard for manufacturing



Split Ring Qualities

Which Split Ring is the Right Ring for You?

We have devised two charts that help answer some important questions when you are deciding on which split ring will be perfect for you.

Chart A

Allows you to choose a ring based on the feature most important to your application.

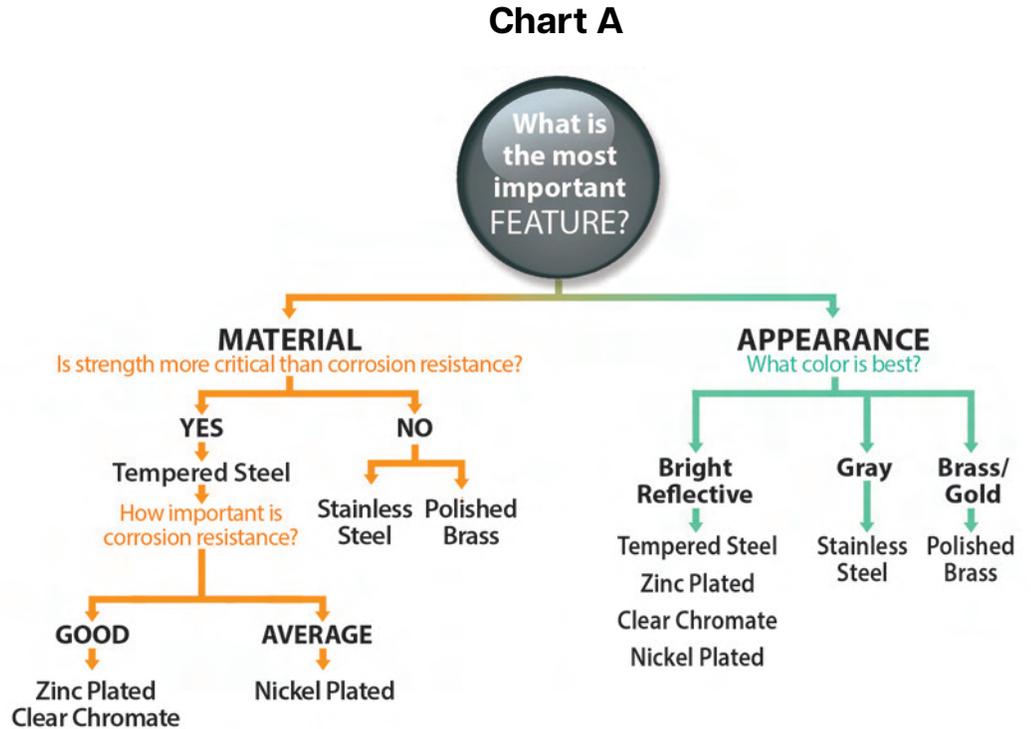


Chart B

Gives you more detailed information about materials, their finishes and availability.

If you have any questions about our finishes, standard or custom, or specific proper ties of the materials we use in our split rings, please call. Our staff knows split rings and will be happy to assist you in choosing the right split ring for you.

Chart B

Tempered Steel

Standard Finishes	Availability	Appearance	Corrosion Resistance	Strength/Memory
Plain Polished				
Nickel Plated	X	Bright Reflective	Average	Very High
Clear Chromate over Zinc	X	Bright/Blue Hue	Moderate High	Very High

Stainless Steel

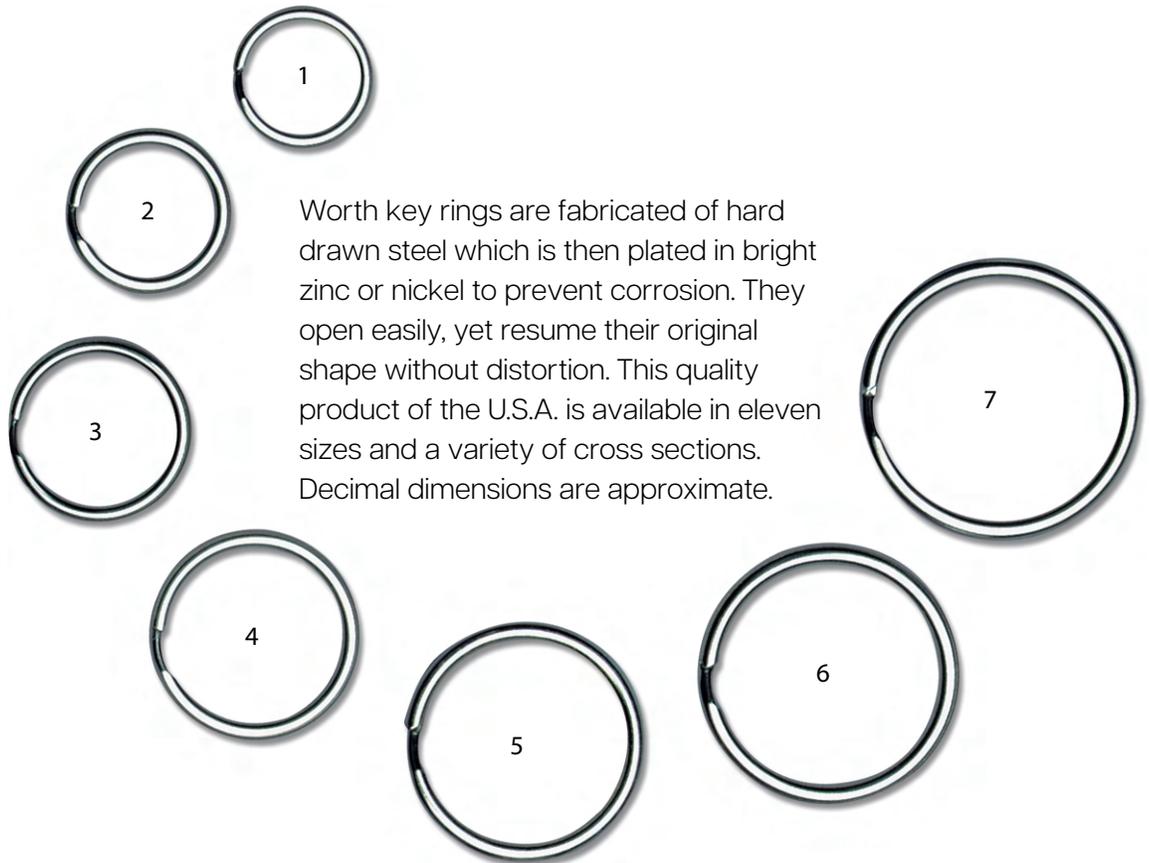
Standard Finishes	Availability	Appearance	Corrosion Resistance	Strength/Memory
Plain Polished	X	Bright Gray	Very High	Average
Nickel Plated				
Clear Chromate over Zinc				

Brass

Standard Finishes	Availability	Appearance	Corrosion Resistance	Strength/Memory
Plain Polished	X	Gold	Very High	Marginal
Nickel Plated	X	Bright Reflective	Very High	Marginal
Clear Chromate over Zinc				

Key Rings - Standard

worth



Worth key rings are fabricated of hard drawn steel which is then plated in bright zinc or nickel to prevent corrosion. They open easily, yet resume their original shape without distortion. This quality product of the U.S.A. is available in eleven sizes and a variety of cross sections. Decimal dimensions are approximate.

Standard Key Rings

Size	1	2	3	4	5	6
Outside Diameter	.740 in / 18.80 mm	.875 in / 22.23 mm	.970 in / 24.64 mm	1.10 in / 27.94 mm	1.25 in / 31.75 mm	1.375 in / 34.93 mm
Approx. Inside Diameter	.596 in / 15.14 mm	.707 in / 17.96 mm	.802 in / 20.37 mm	.932 in / 23.67 mm	1.062 in / 26.98 mm	1.159 in / 29.44 mm
Approx. "A" Dimension	.072 in / 1.83 mm	.084 in / 2.13 mm	.084 in / 2.13 mm	.084 in / 2.13 mm	.094 in / 2.39 mm	.108 in / 2.74 mm
At "B" +/- .005 in/.13mm	.112 in / 2.84 mm	.120 in / 3.05 mm	.120 in / 3.05 mm	.120 in / 3.05 mm	.138 in / 3.51 mm	.163 in / 4.14 mm
Wire Diameter	.064	.072	.072	.072	.082	.092
Weight Per Thousand	3.75 lb / 1.70 kg	5.75 lb / 2.61 kg	6.25 lb / 2.84 kg	7.25 / 3.29 kg	10.75 lb / 4.88 kg	14.75 lb / 6.69 kg
Stainless Steel	90191	90192	90193	90194	--	--
See Website for Pricing					--	--
Nickel-Plated Steel	90101	90102	90103	90104	90105	90106
See Website for Pricing						
Zinc Plated Steel	90201	90202	90203	90204	90205	90206
See Website for Pricing						

Packaging: Bulk

Quantity Discounts (per size & finish): 5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%, 100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%



WARNING: This product can expose you to chemicals including nickel and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov

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Key Rings - Standard



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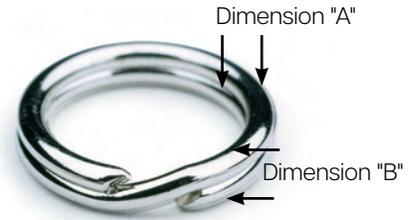


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Approximate Size

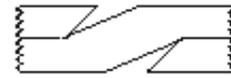
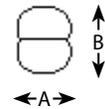


10



O.D. Tolerances: + .015" - .005"

Note: Inside Diameter and "A" Dimension are for reference only.



Enlarged cross section and side view detail.

Standard Key Rings

Size	7	8	9	10
Outside Diameter	1.48 in / 37.59 mm	1.64 in / 41.66 mm	1.865 in / 47.37 mm	2.24 in / 56.90 mm
Approx. Inside Diameter	1.264 in / 32.11 mm	1.396 in / 35.46 mm	1.635 in / 41.53 mm	2.016 in / 51.21 mm
Approx. "A" Dimension	.108 in / 2.74 mm	.122 in / 3.10mm	.115 in / 2.92 mm	.112 in / 2.85 mm
At "B" +/- .005 in/.13mm	.163 in / 4.14 mm	.185 in / 4.70 mm	.185 in / 4.70 mm	.185 in / 4.70 mm
Wire Diameter	.092	.105	.105	.105
Weight Per Thousand	16 lb / 7.26 kg	23 lb / 10.43 kg	26.5 lb / 12.02 kg	32 lb / 14.52 kg
Stainless Steel	--	--	--	--
See Website for Pricing	--	--	--	--
Nickel-Plated Steel	90107	90108	90109	90110
See Website for Pricing				
Zinc Plated Steel	90207	90208	90209	90210
See Website for Pricing				

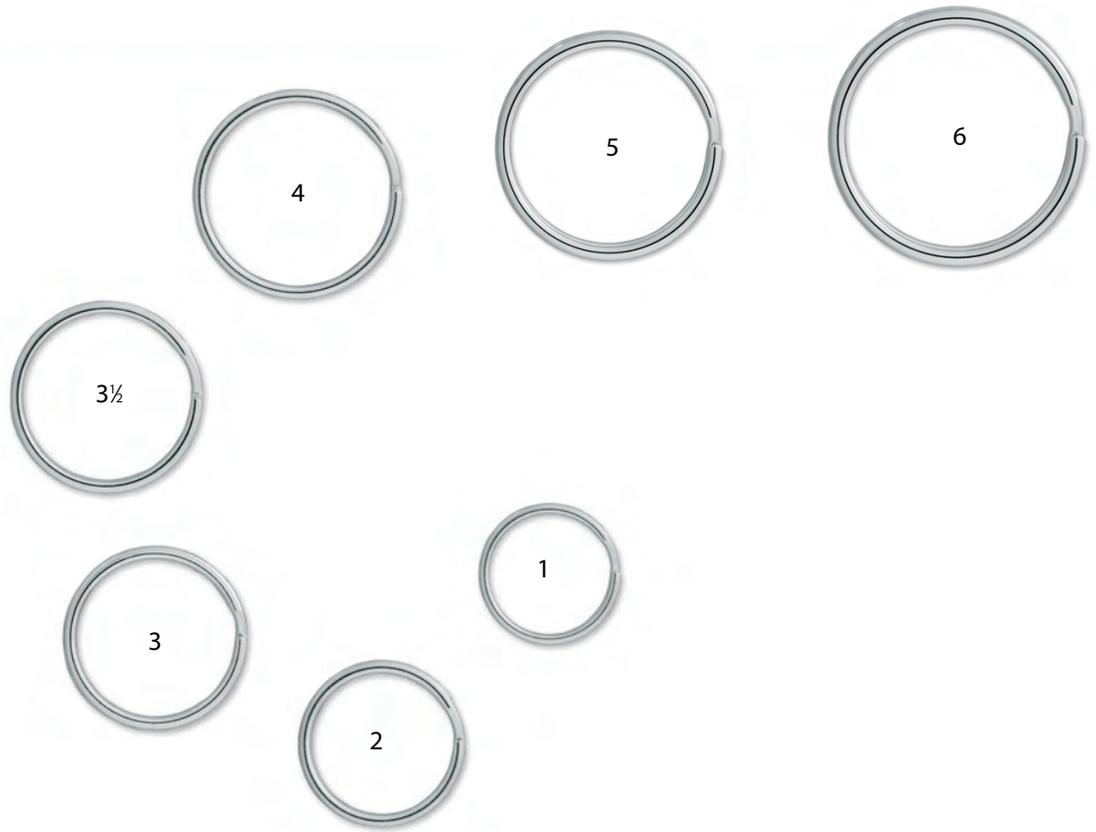
Packaging: Bulk

Quantity Discounts (per size & finish): 5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%, 100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%



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Key Rings - Lightweight



Lightweight Key Rings

Size	1	2	3	3 1/2	4	5
Outside Diameter	.740 in / 18.80 mm	.875 in / 22.23 mm	.970 in / 24.64 mm	1.01 in / 25.76 mm	1.10 in / 27.94 mm	1.25 in / 31.75 mm
Approx. Inside Diameter	.626 in / 15.90 mm	.731 in / 18.57 mm	.826 in / 20.98 mm	.866 in / 22.00 mm	.956 in / 24.28 mm	1.082 in / 27.48 mm
Approx. "A" Dimension	.057 in / 1.45 mm	.072 in / 1.83 mm	.084 in / 2.13 mm			
At "B" +/- .005 in/.13mm	.087 in / 2.21 mm	.112 in / 2.84 mm	.120 in / 3.05 mm			
Wire Diameter	.051	.064	.064	.064	.064	.072
Weight Per Thousand	2.5 lb / 1.13 kg	4.5 lb / 2.04 kg	5 lb / 2.27 kg	5.25 / 2.38 kg	5.25 lb / 2.38 kg	8.25 lb / 3.74 kg
Stainless Steel	90491	90492	90493	--	90494	90495
See Website for Pricing				--		
Nickel-Plated Steel	90401	90402	90403	90803	90404	90405
See Website for Pricing						
Zinc Plated Steel	90501	90502	90503	--	90504	90505
See Website for Pricing				--		

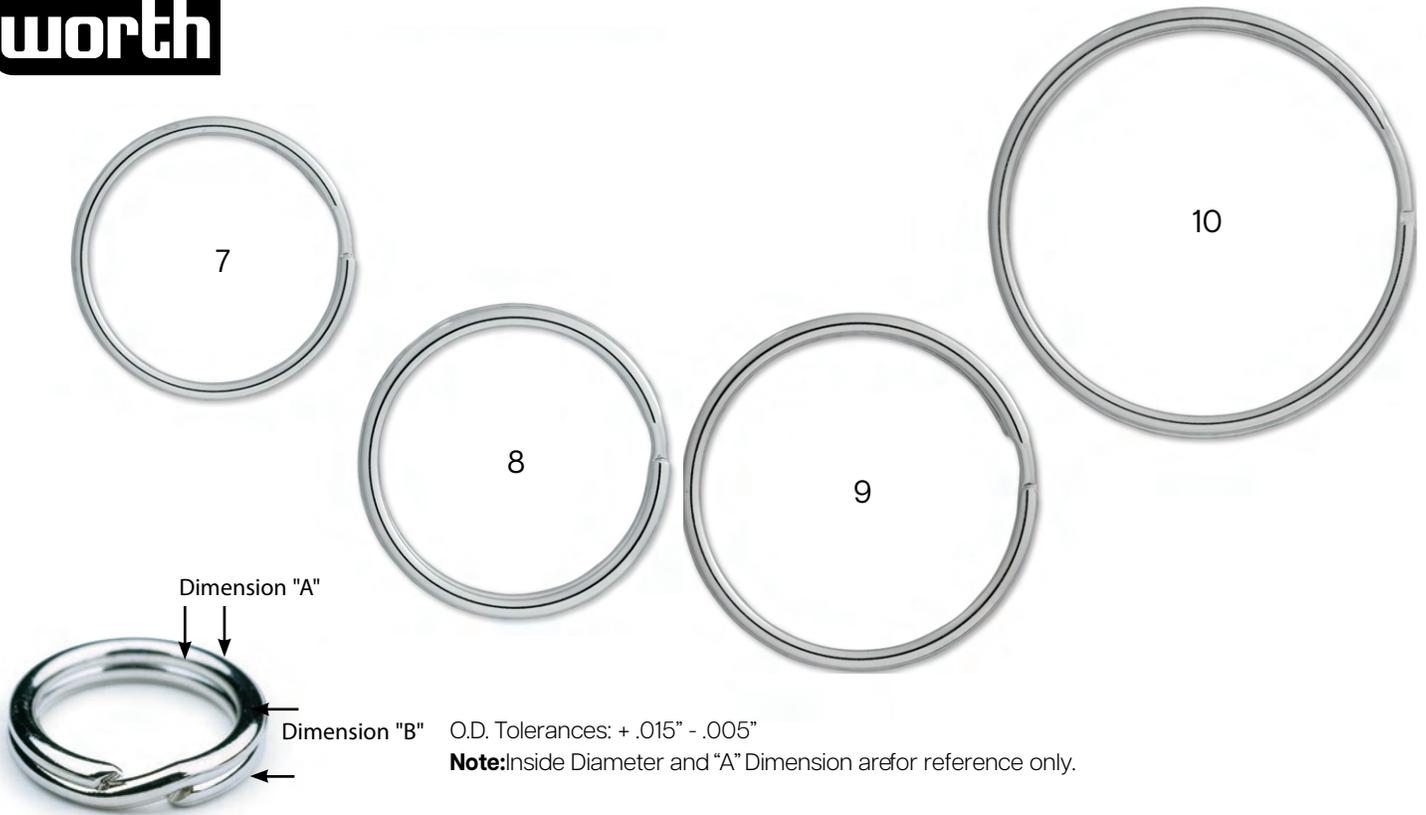
Packaging: Bulk

Quantity Discounts (per size & finish): 5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%, 100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%



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Key Rings - Lightweight



Lightweight Key Rings

Size	6	7	8	9	10
Outside Diameter	1.375 in. / 34.93 mm	1.48 in / 37.59 mm	1.64 in / 41.66 mm	1.865 in / 47.37 mm	2.24 in / 56.90 mm
Approx. Inside Diameter	1.187 in / 30.15 mm	1.292 in / 32.82 mm	1.424 in / 36.17 mm	1.649 in / 41.89 mm	2.024 in / 51.41 mm
Approx. "A" Dimension	.094 in / 2.39 mm	.094 in / 2.39 mm	.108 in / 2.74 mm	.108 in / 2.74 mm	.108 in / 2.74 mm
At "B" +/- .005 in./13mm	.138 in / 3.51 mm	.138 in / 3.51 mm	.163 in / 4.14 mm	.163 in / 4.14 mm	.163 in / 4.14 mm
Wire Diameter	.082	.082	.092	.092	.092
Weight Per Thousand	11.75 lb / 5.33 kg	12.75 lb / 5.78 kg	17.75 lb / 8.05 kg	20.50 lb / 9.30 kg	24.75 lb / 11.23 kg
Stainless Steel	--	--	--	--	--
See Website for Pricing	--	--	--	--	--
Nickel-Plated Steel	90406	90407	90408	90409	90410
See Website for Pricing					
Zinc Plated Steel	90506	90507	90508	90509	90510
See Website for Pricing					

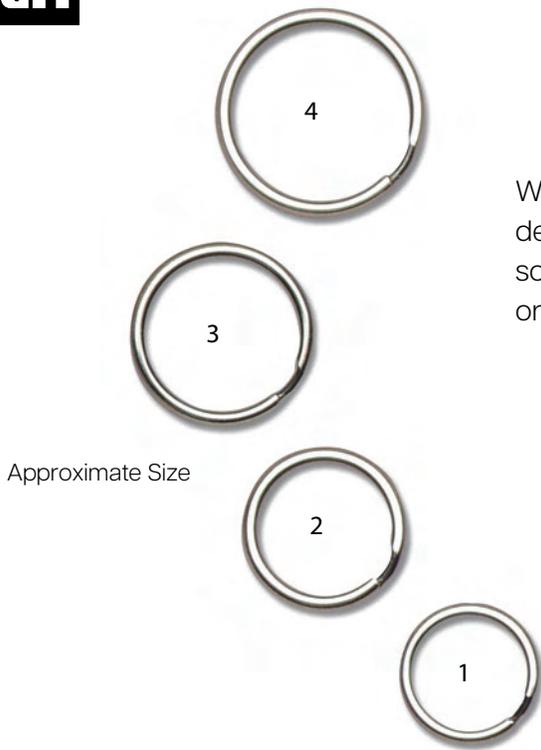
Packaging: Bulk

Quantity Discounts (per size & finish): 5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%, 100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%



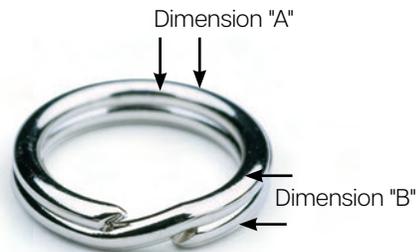
WARNING: This product can expose you to chemicals including nickel and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov

Key Rings - Specialty



Approximate Size

Worth offers several specialty rings for demanding applications. Listed below are solid brass key rings available either polished or nickel plated for corrosive applications.



O.D. Tolerances: + .015" - .005"
Note: Inside Diameter and "A" Dimension are for reference only.

Specialty Rings - Solid Brass

Size	1	2	3	4
Outside Diameter	.740 in / 18.80 mm	.875 in / 22.23 mm	.970 in / 24.64 mm	1.10 in / 27.94 mm
Approx. Inside Diameter	.596 in / 15.14 mm	.707 in / 17.96 mm	.802 in / 20.37 mm	.932 in / 23.67 mm
Approx. "A" Dimension	.072 in / 1.83 mm	.084 in / 2.13 mm	.084 in / 2.13 mm	.084 in / 2.13 mm
At "B" +/- .005 in/.13 mm	.105 in / 2.67 mm	.110 in / 2.79 mm	.110 in / 2.79 mm	.110 in / 2.79 mm
Wire Diameter	.064	.072	.072	.072
Weight Per Thousand	3.88 lb / 1.76 kg	5.75 lb / 2.61 kg	6.60 lb / 2.99 kg	7.80 lb / 3.54 kg
Nickel Plated Brass	91201	91202	91203	91204
See Website for Pricing				
Polished Brass	90301	90302	90303	90304
See Website for Pricing				

Packaging: Bulk

Quantity Discounts (per size & finish): 5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%
 100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%



WARNING: This product can expose you to chemicals including nickel and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov

Key Rings - Specialty

Also available in our specialty rings are a one-inch heavy-duty ring made of .105" wire for extreme high strength requirements.



Approximate Size

Specialty Rings - Heavyweight

Size	3
Outside Diameter	.990 in / 25.15 mm
Approx. Inside Diameter	.740 in / 18.80 mm
Approx. "A" Dimension	.125 in / 3.18 mm
At "B" +/- .005 in/.13 mm	.170 in / 4.32 mm
Wire Diameter	.105
Weight Per Thousand	13.63 lb / 6.18 kg
Nickel Plated Steel	90123
See Website for Pricing	
Zinc Plated Steel	90153
See Website for Pricing	

Packaging: Bulk

Quantity Discounts (per size & finish):

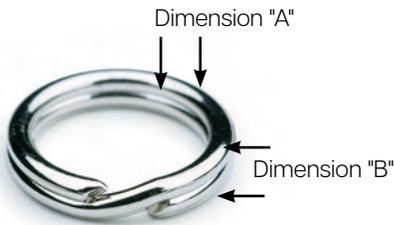
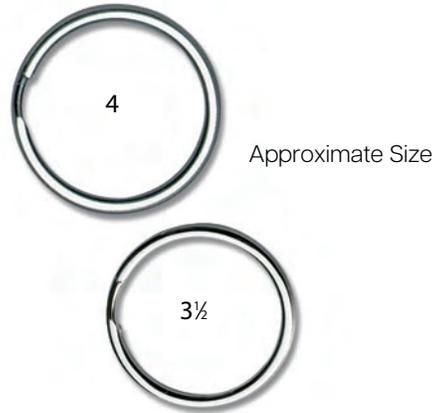
5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%,
 50M-99M less 20%, 100M-499M less 25%,
 500M-999M less 30%, 1MM-Over less 35%



WARNING: This product can expose you to chemicals including nickel and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov

High Tolerance Rings

Striving for perfection? These tempered steel High Tolerance key rings and split rings are built to the highest quality and dimensional standards possible. These rings are designed for use in automated assembly equipment such as the automotive and medical industries where concentricity and dimensional demands are critical. If your ring size is not listed and you need it built to these standards, please let us know and we will quote you.



O.D. Tolerances: + .015" - .005"

Note: Inside Diameter and "A" Dimension are for reference only.

High Tolerance Key Rings

Size	3 1/2	4
Outside Diameter	1.01 in / 25.76 mm	1.10 in / 27.94 mm
Approx. Inside Diameter	.866 in / 22.00 mm	.956 in / 24.28 mm
Approx. "A" Dimension	.072 in / 1.83 mm	.072 in / 1.83 mm
At "B" +/- .005 in/.13 mm	.112 in / 2.67 mm	.112 in / 2.67 mm
Wire Diameter	.064	.064
Weight Per Thousand	5.25 lb / 2.38 kg	5.25 lb / 2.38 kg
Nickel Plated Steel	90813	90704
See Website for Pricing		

Packaging: Bulk

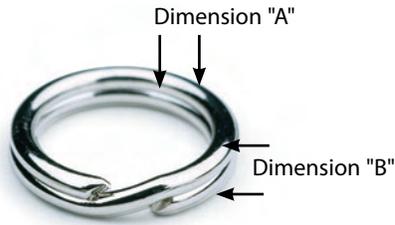
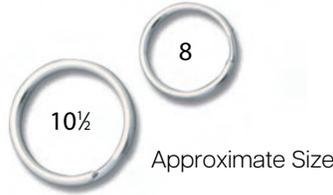
Quantity Discounts (per size & finish):

5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%, 100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%



WARNING: This product can expose you to chemicals including nickel and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov

High Tolerance Rings



O.D. Tolerances: + .015" - .005"

Note: Inside Diameter and "A" Dimension are for reference only.

High Tolerance Split Rings

Size	8 Fine	10 1/2 Fine	10 1/2 UltraFine
Outside Diameter	.484 in / 12.29 mm	.630 in / 16.00 mm	.630 in / 16.00 mm
Approx. Inside Diameter	.392 in / 9.96 mm	.516 in / 13.11 mm	.528 in / 13.41 mm
Approx. "A" Dimension	.046 in / 1.17 mm	.057 in / 1.45 mm	.051 in / 1.30 mm
At "B" +/- .005 in/.13 mm	.068 in / 1.73 mm	.083 in / 2.11 mm	.074 in / 1.88 mm
Wire Diameter	.040	.051	.045
Weight Per Thousand	.97 lb / .440 kg	2.01 lb / .910 kg	1.45 lb / .658 kg
Nickel Plated Steel	90708	90710	90735
See Website for Pricing			

Packaging: Bulk

Quantity Discounts (per size & finish):

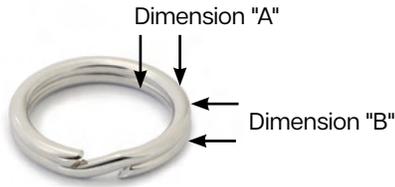
5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%, 100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%



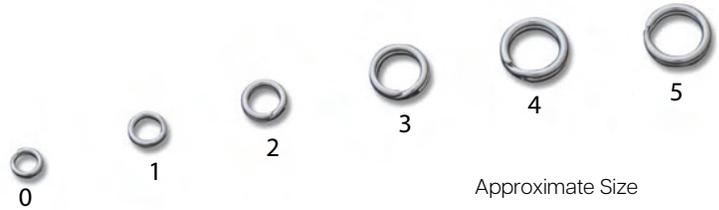
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Split Rings - Standard

worth



O.D. Tolerances:
 Steel and Stainless Steel + .015" - .005"
 Brass + .025" - .005"



- Made in the USA
- The standard in the fishing tackle industry
- Unmatched quality
- Used in aerospace, automotive, and defense industries.

Standard Gauge Split Rings

Size	0	1	2	3	4	5
Outside Diameter	.165 in / 4.19 mm	.190 in / 4.83 mm	.220 in / 5.59 mm	.254 in / 6.45 mm	.292 in / 7.42 mm	.334 in / 8.48 mm
Approx. Inside Dia.	.107 in / 2.72 mm	.128 in / 3.25 mm	.150 in / 3.81 mm	.174 in / 4.42 mm	.212 in / 5.39 mm	.242 in / 6.15 mm
Approx. "A" Dim.	.029 in / .74 mm	.031 in / .79 mm	.035 in / .89 mm	.040 in / 1.02 mm	.040 in / 1.02 mm	.046 in / 1.17 mm
At "B" +/- .005 in/.13mm	.040 in / 1.02 mm	.046 in / 1.17 mm	.054 in / 1.37 mm	.062 in / 1.58 mm	.062 in / 1.58 mm	.068 in / 1.73 mm
Wire Diameter	.025	.028	.032	.036	.036	.040
Weight Per Thousand	.13 lb / .054 kg	.18 lb / .077 kg	.28 lb / .118 kg	.41 lb / .172 kg	.48 lb / .204 kg	.68 lb / .290 kg
Nickel-Plated Brass	92100	92101	92102	92103	92104	92105
See Website for Pricing						
Polished Brass	92400	92401	92402	92403	92404	92405
See Website for Pricing						
Stainless Steel	--	--	94212	94213	94214	94215
See Website for Pricing	--	--				
Nickel-Plated Steel	92000	92001	92002	92003	92004	92005
See Website for Pricing						
Zinc Plated Steel	92200	92201	92202	92203	92204	92205
See Website for Pricing						

Packaging: Bulk, Polybagged

Quantity Discounts (per size & finish) 5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%, 100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%

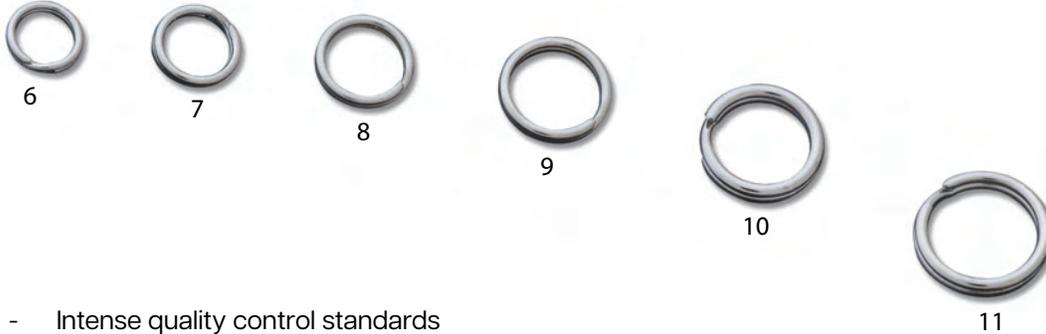


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Split Rings - Standard



- Intense quality control standards
- Available in brass, stainless steel, and spring-tempered steel
- Perfect for every fishing application
- Finest quality rings available anywhere.

Choose the "Right" Ring

		Good	Better	Best
Stainless Steel	Strength		X	
	Price			X
	Memory		X	
	Corrosion Resistance			X
Nickel	Strength			X
	Price		X	
	Memory			X
	Corrosion Resistance	X		
Zinc	Strength			X
	Price		X	
	Memory			X
	Corrosion Resistance		X	

Standard Gauge Split Rings

Size	6	7	8	9	10	11
Outside Diameter	.380 in / 9.65 mm	.43 in / 10.92 mm	.484 in / 12.29 mm	.542 in / 13.77 mm	.604 in / 15.34 mm	.670 in / 17.02 mm
Approx. Inside Dia.	.288 in / 7.32 mm	.328 in / 8.33 mm	.382 in / 9.70 mm	.428 in / 10.87 mm	.460 in / 11.68 mm	.526 in / 13.36 mm
Approx. "A" Dim.	.046 in / 1.17 mm	.051 in / 1.30 mm	.051 in / 1.30 mm	.057 in / 1.45 mm	.072 in / 1.83 mm	.072 in / 1.83 mm
At "B" +/- .005in/.13mm	.068 in / 1.73 mm	.074 in / 1.88 mm	.074 in / 1.88 mm	.083 in / 2.11 mm	.105 in / 2.67 mm	.105 in / 2.67 mm
Wire Diameter	.040	.045	.045	.051	.064	.064
Weight Per Thousand	.78 lb / .336 kg	1.12 lb / .481 kg	1.30 lb / .549 kg	1.84 lb / .789 kg	3.18 lb / 1.365 kg	3.57 lb / 1.533 kg
Nickel-Plated Brass	92106	92107	92108	92109	92110	92111
See Website for Pricing						
Polished Brass	92406	92407	92408	92409	92410	92411
See Website for Pricing						
Stainless Steel	94216	94217	94218	94219	94220	94221
See Website for Pricing						
Nickel-Plated Steel	92006	92007	92008	92009	92010	92011
See Website for Pricing						
Zinc Plated Steel	92206	92207	92208	92209	92210	92211
See Website for Pricing						

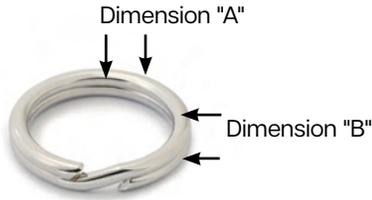
Packaging: Bulk, Polybagged

Quantity Discounts (per size & finish) 5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%, 100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%

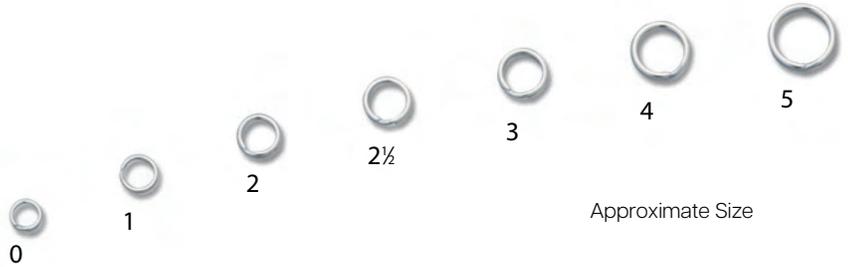


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Split Rings - Fine



O.D. Tolerances:
 Steel and Stainless Steel +.015" - .005"
 Brass +.025" - .005"



- Same intense quality standards as all Worth split rings
- Made from finer gauge wire for lighter applications
- Easy to assemble

Fine Gauge Split Rings

* = Brass & Steel "B" Dimension is .034"
 ** = Brass & Steel Wire is .020"

Size	0	1	2	2½	3	4	5
Outside Diameter	.165 in / 4.19 mm	.190 in / 4.83 mm	.220 in / 5.59 mm	.237 in / 6.02 mm	.254 in / 6.45 mm	.292 in / 7.42 mm	.334 in / 8.48 mm
Approx. Inside Dia.	.117 in / 2.97 mm	.142 in / 3.61 mm	.162 in / 4.12 mm	.179 in / 4.55 mm	.192 in / 4.88 mm	.222 in / 5.64 mm	.264 in / 6.71 mm
Approx. "A" Dim.	.024 in / .61 mm	.024 in / .61 mm	.029 in / .74 mm	.029 in / .74 mm	.031 in / .79 mm	.035 in / .89 mm	.035 in / .89 mm
At "B" +/- .005in/.13mm	.034 in / .86 mm	.036 in / .91 mm*	.040 in / 1.02 mm	.036 in / 1.02 mm	.046 in / 1.17 mm	.054 in / 1.37 mm	.054 in / 1.37 mm
Wire Diameter	.020	.022**	.025	.022	.028	.032	.032
Weight Per Thousand	.09 lb / .036 kg	.10 lb / .041 kg	.18 lb / .077 kg	.15 lb / .064 kg	.26 lb / .109 kg	.38 lb / .163 kg	.45 lb / .191 kg
Nickel-Plated Brass	92600	92601	92602	--	92603	92604	92605
See Website for Pricing							
Polished Brass	92900	92901	92902	--	92903	92904	92905
See Website for Pricing							
Stainless Steel	94550	94551	94552	94563	94553	94554	94555
See Website for Pricing							
Nickel-Plated Steel	92500	92501	92502	92513	92503	92504	92505
See Website for Pricing							
Zinc Plated Steel	92700	92701	92702	92713	92703	92704	92705
See Website for Pricing							

Packaging: Bulk, Polybagged

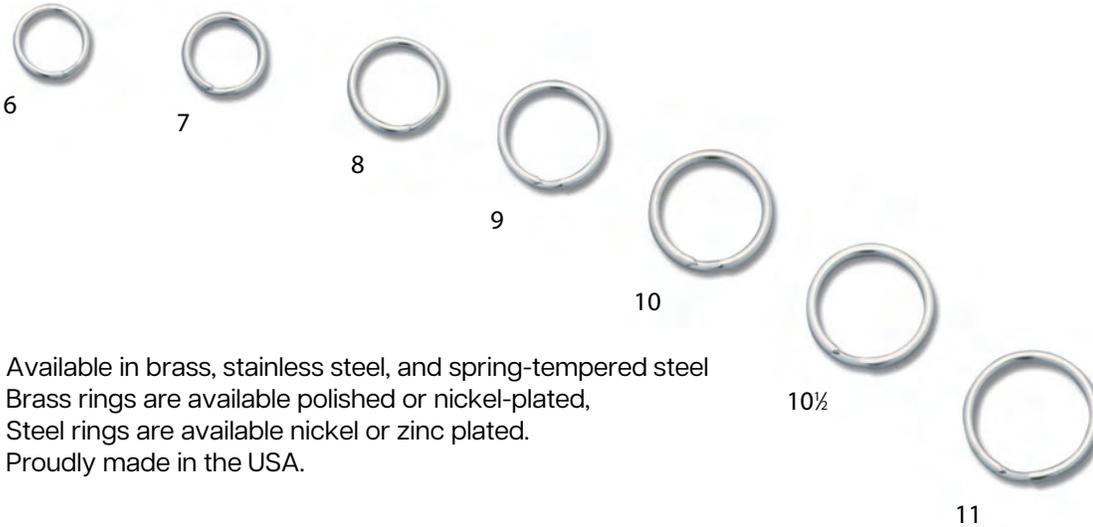
Quantity Discounts (per size & finish) 5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%, 100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%



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Split Rings - Fine

worth



- Available in brass, stainless steel, and spring-tempered steel
- Brass rings are available polished or nickel-plated,
- Steel rings are available nickel or zinc plated.
- Proudly made in the USA.

Choose the "Right" Ring

	Good	Better	Best
Stainless Steel	Strength		X
	Price		X
	Memory	X	
	Corrosion Resistance		X
Nickel	Strength		X
	Price	X	
	Memory		X
	Corrosion Resistance	X	
Zinc	Strength		X
	Price	X	
	Memory		X
	Corrosion Resistance	X	

Fine Gauge Split Rings

Size	6	7	8	9	10	10½	11
Outside Diameter	.38 in / 9.65 mm	.43 in / 10.92 mm	.484 in / 12.29 mm	.542 in / 13.77 mm	.604 in / 15.34 mm	.630 in / 16.0 mm	.670 in / 17.02 mm
Approx. Inside Dia.	.30 in / 7.62 mm	.338 in / 8.59 mm	.392 in / 9.96 mm	.440 in / 11.18 mm	.49 in / 12.45 mm	.516 in / 13.11 mm	.556 in / 14.12 mm
Approx. "A" Dim.	.04 in / 1.02 mm	.046 in / 1.17 mm	.046 in / 1.17 mm	.051 in / 1.30 mm	.057 in / 1.45 mm	.057 in / 1.45 mm	.057 in / 1.45 mm
At "B" +/- .005in/.13mm	.062 in / 1.58 mm	.068 in / 1.73 mm	.068 in / 1.73 mm	.074 in / 1.88 mm	.083 in / 2.11 mm	.083 in / 2.11 mm	.083 in / 2.11 mm
Wire Diameter	.036	.040	.040	.045	.051	.051	.051
Weight Per Thousand	.64 lb / .277 kg	.90 lb / .386 kg	1.02 lb / .440 kg	1.45 lb / .621 kg	2.07 lb / .889 kg	2.00 lb / .910 kg	2.32 lb / .993 kg
Nickel-Plated Brass	92606	92607	92608	92609	92610	--	92611
See Website for Pricing							
Polished Brass	92906	92907	92908	92909	92910	--	92911
See Website for Pricing							
Stainless Steel	94556	94557	94558	94559	94560	--	94561
See Website for Pricing							
Nickel-Plated Steel	92506	92507	92508	92509	92510	92525	92511
See Website for Pricing							
Zinc Plated Steel	92706	92707	92708	92709	92710	--	92711
See Website for Pricing							

Packaging: Bulk, Polybagged

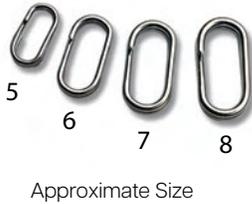
Quantity Discounts (per size & finish) 5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%, 100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%



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www.worthco.com sales@worthco.com

Split Rings - Oval



- 50% stronger than similar fine sized round split rings.
- Self-centering to keep the "cutoff" at the side.
- High quality materials
- Superior zinc plating for corrosion protection.

Oval Split Rings

Size	5	6	7	8
Length	.315 in / 8 mm	.394 in / 10 mm	.433 in / 11 mm	.472 in / 12 mm
Width	.158 in / 4 mm	.197 in / 5 mm	.217 in / 5.5 mm	.236 in / 6 mm
"B" Dimension	.059 in / 1.50 mm	.065 in / 1.65 mm	.073 in / 1.85 mm	.080 in / 2.03 mm
Wire Diameter	.028	.032	.036	.040
Weight Per Thousand	.23 lb / .104 kg	.37 lb / .168 kg	.54 lb / .245 kg	.72 lb / .327 kg
Zinc Plated Steel	82105	82106	82107	82108
See Website for Pricing				

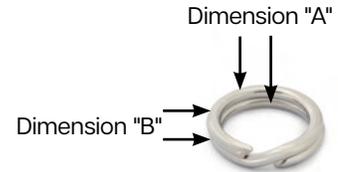
Packaging: Bulk, Polybagged

Quantity Discounts (per size & finish) 5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%
100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%



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Split Rings - Heavy



O.D. Tolerances:
Steel and Stainless Steel + .015" - .005"

- Made for high strength applications
- Made from heavy gauge spring tempered steel & stainless steel

Heavy Weight Split Rings

Size	4	5	6	7
Outside Diameter	.292 in / 7.42 mm	.334 in / 8.48 mm	.380 in / 9.65 mm	.430 in / 10.92 mm
Approx. Inside Dia.	.200 in / 5.08 mm	.232 in / 5.89 mm	.278 in / 7.06 mm	.316 in / 8.03 mm
Approx. "A" Dim.	.046 in / 1.17 mm	.051 in / 1.30 mm	.051 in / 1.30 mm	.057 in / 1.45 mm
At "B" +/- .005in./1.3mm	.068 in / 1.73 mm	.074 in / 1.88 mm	.074 in / 1.88 mm	.083 in / 2.11 mm
Wire Diameter	.040	.045	.045	.051
Weight Per Thousand	.54 lb / .24 kg	.79 lb / .37 kg	.92 lb / .43 kg	1.34 lb / .63 kg
Nickel-Plated Steel	94244	94245	94246	94247
See Website for Pricing				
Stainless Steel	91604	91605	91606	91607
See Website for Pricing				
Zinc Plated Steel	94274	94275	94276	94277
See Website for Pricing				

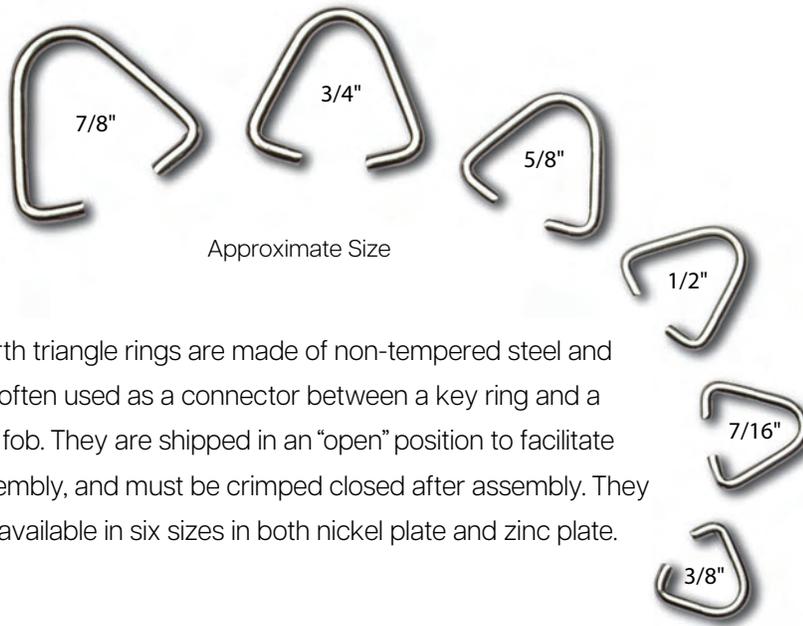
Packaging: Bulk, Polybagged

Quantity Discounts (per size & finish) 5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%
100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%

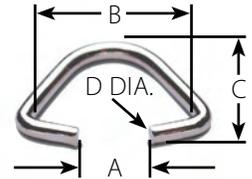


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Triangle Rings



Worth triangle rings are made of non-tempered steel and are often used as a connector between a key ring and a key fob. They are shipped in an "open" position to facilitate assembly, and must be crimped closed after assembly. They are available in six sizes in both nickel plate and zinc plate.



OPEN TRIANGLE RINGS
(Non-Tempered Steel)

Triangle Rings

Size	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"
"A" Dimension	.170 in / 4.32 mm	.197 in / 5.00 mm	.230 in / 5.84 mm	.260 in / 6.60 mm	.321 in / 8.15 mm	.375 in / 9.53 mm
"B" Dimension open	.375 in / 9.53 mm	.418 in / 10.62 mm	.491 in / 12.47 mm	.625 in / 15.88 mm	.750 in / 19.05 mm	.875 in / 22.23 mm
"B" Dimension Closed	.248 in / 6.30 mm	.290 in / 7.37 mm	.358 in / 9.09 mm	.450 in / 11.43 mm	.500 in / 12.70 mm	.575 in / 14.61 mm
"C" Dimension	.467 in / 11.86 mm	.550 in / 13.97 mm	.610 in / 15.49 mm	.700 in / 17.78 mm	.846 in / 21.49 mm	.956 in / 24.28 mm
"D" Diameter	.072	.072	.072	.082	.092	.092
Weight Per Thousand	1.28 lb / .58 kg	1.54 lb / .70 kg	1.94 lb / .88 kg	2.71 lb / 1.23 kg	4.07 lb / 1.85 kg	4.66 lb / 2.11 kg
Nickel-Plated Steel	94293	94290	94294	94295	94296	94297
See Website for Pricing						
Zinc-Plated Steel	94263	94260	94264	94265	94266	94267
See Website for Pricing						

Packaging: Bulk

Quantity Discounts (per size & finish): 5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%, 100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%

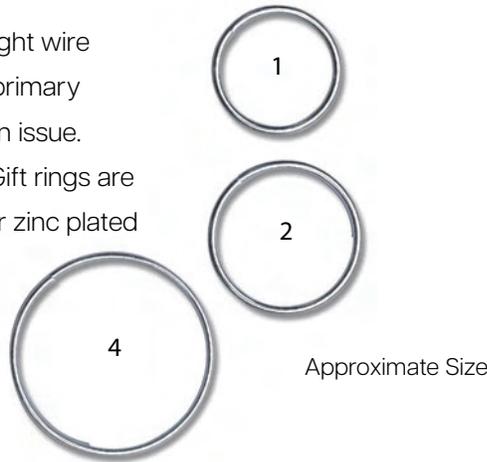


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Gift Rings

worth

Worth gift rings are 1½ revolution light wire rings used where low cost is the primary requirement and strength is not an issue. These rings are not pressed flat. Gift rings are available in either stainless steel or zinc plated steel in three popular sizes.



Gift Rings - Stainless Steel

Size	1	2	4
Outside Diameter	.672 in / 17.07 mm	.797 in / 20.24 mm	1.047 in / 26.59 mm
Approx. Inside Diameter	.578 in / 14.68 mm	.703 in / 17.86 mm	.953 in / 24.21 mm
Gauge Wire	.045 in.	.045 in.	.045 in.
Weight Per Thousand	1.20 lb / .54 kg	1.41 lb / .64 kg	1.95 lb / .88 kg
Stainless Steel	91401	91402	91404
See Website for Pricing			

Gift Rings - Zinc-Plated Steel

Size	1	2	4
Outside Diameter	.672 in / 17.07 mm	.797 in / 20.24 mm	1.047 in / 26.59 mm
Approx. Inside Diameter	.578 in / 14.68 mm	.703 in / 17.86 mm	.953 in / 24.21 mm
Gauge Wire	.047 in.	.047 in.	.047 in.
Weight Per Thousand	1.42 lb / .64 kg	1.56 lb / .71 kg	2.15 lb / .98 kg
Stainless Steel	91517	91518	91516
See Website for Pricing			

Packaging: Bulk

Quantity Discounts (per size & finish) 5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%, 100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%



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Jump Rings

Made from stainless steel. Used as a connector where a single coil ring is desired. Ring is left open at ends for assembly then squeezed together.

Approximate Size



5

Jump Rings

Size	2	3	4	5	6
Outside Diameter	.220 in / 5.59 mm	.254 in / 6.45 mm	.292 in / 7.42 mm	.334 in / 8.84 mm	.380 in / 9.65
Approx. Inside Diameter	.156 in / 3.96 mm	.182 in / 4.62 mm	.220 in / 5.59 mm	.254 in / 6.45 mm	.300 in / 7.62 mm
Wire Diameter	.032	.036	.036	.040	.040
Weight Per Thousand	.133 lb / .06 kg	1.90 lb / .09 kg	.218 lb / .10 kg	.322 lb / .15 kg	.379 lb / .17 kg
Stainless Steel	98872	98873	98874	98875	98876
See Website for Pricing					

Size	7	8	9	10	11
Outside Diameter	.430 in / 10.92 mm	.484 in / 12.29 mm	.542 in / 13.77 mm	.604 in / 15.34 mm	.670 in / 17.02
Approx. Inside Diameter	.340 in / 8.64 mm	.394 in / 10.00 mm	.440 in / 11.18 mm	.476 in / 12.09 mm	.542 in / 13.77 mm
Wire Diameter	.045	.045	.051	.064	.064
Weight Per Thousand	.528 lb / .24kg	.620 lb / .28 kg	.890 lb / .40 kg	1.54 lb / .70 kg	1.725 lb / .78 kg
Stainless Steel	98877	98878	98879	98870	98871
See Website for Pricing					

Packaging: Bulk, Polybagged

Quantity Discounts (per size & finish) 5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%, 100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%



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Split Ring Pliers



Industrial Split Ring Pliers

These high-quality pliers are designed to make short and effortless work of attaching split rings to articles and fasteners of all types. Constructed from strong forged steel with comfortable non-slip handle.

Includes instruction sheet.

Product Number	91500
Weight Each	.35 lbs
See Website for Pricing	

No Quantity Discounts

Fisherman's Split Ring Pliers

A great multi-use tool designed primarily for assembling small split rings, but may also be used for crimping leader sleeves or small sinkers. Attractively priced and perfect for light assembly operations or consumer resale. Made from bright zinc - plated steel.

Product Number	91501
Weight Each	.13 lbs
See Website for Pricing	

Quantity Discounts:

100 less 5%, 1000 less 10%



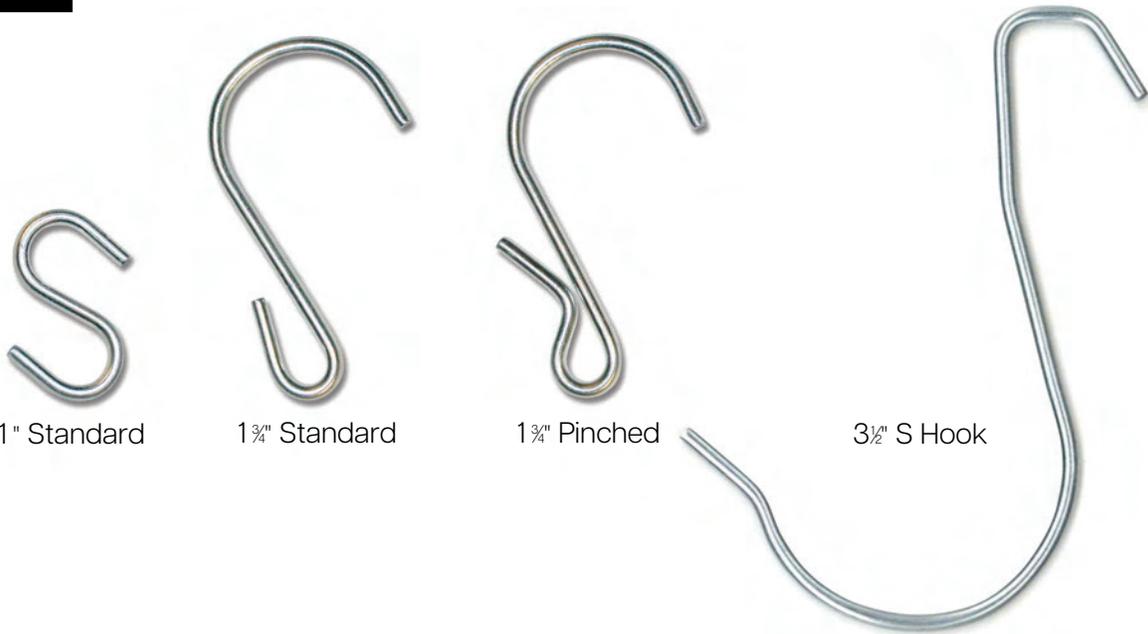
★ ★ ★ ★ ★
ASSEMBLY TIP
Keep Your Split Ring's Memory!

Proper split ring assembly is imperative, so don't compromise the memory. To accomplish this, keep the ring and the blade on the same plane as much as possible. Insert the blade between the two coils and spin the ring onto the blade, lifting the ring (changing the angle) only enough to aid the assembly. Always try and assemble the blade where the least distance is achieved between the hole and the edge of the blade.

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S Hooks

worth



1" Standard

1 3/4" Standard

1 3/4" Pinched

3 1/2" S Hook

Worth S-Hooks are crafted from durable .080" galvanized steel and are available in 3 styles: 1" Standard, 1 3/4" Standard, and 1 3/4" Pinched. These high-quality hooks lend themselves to many display and hanging applications.

The 3.5" "S" hook is manufactured from .090 galvanized steel and is the choice for trade show applications where signs need to be hung from either the back wall or sides of booth.

S Hooks

Description	1" Standard	1 3/4" Standard	1 3/4" Pinched	3 1/2" S Hook
Overall Length	1.01 in.	1.64 in.	1.64 in.	3.50 in.
Weight Per Thousand	3.31 lb.	5.10 lb.	5.60 lb.	11.80 lb.
Catalog Number	86000	86010	86020	86030
See Website for Pricing				

Custom sizes or packaging options are also available.

Packaging: Bulk

Quantity Discounts (per size & finish) 5M-9M less 5%, 10M-24M less 10%, 25M-49M less 15%, 50M-99M less 20%, 100M-499M less 25%, 500M-999M less 30%, 1MM-Over less 35%



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Terms & Information

TERMS: Net 30 days to all pre-approved accounts. Shipments are made F.O.B. Stevens Point, WI unless otherwise specified by the customer. Master Card, Discover, and VISA are also accepted for credit card payment. No past due customers will be shipped merchandise. Accounts are payable in U.S. funds only.

PRICES: Prices are subject to change without notice.

QUANTITY DISCOUNTS: Quantity discounts are allowed for each individual product, size and finish. No combination or further discounts are available.

FEDERAL EXCISE TAX: Federal Excise Tax applies to articles of sport fishing equipment that are designed or constructed for the use in the sport of fishing. Therefore, component items purchased from The Worth Company are subject to a 10% Federal Excise Tax. The manufacturer, producer or importer pays this tax. Exemption from this tax requires the customer to have an approved I.R.S. Form #637 on file with The Worth Company. This form can be obtained from your local I.R.S. office. The Federal Excise Tax paid by the manufacturers on the sale of sport fishing equipment goes directly into a fund dedicated specifically for projects to improve fishery habitat, fishery access and aquatic education. In addition, the funds have supported state fish hatchery and stocking programs, education efforts, weed control and habitat improvement projects and fishery research.

SALES & USE TAX: State Tax may be applicable based on the Nexus State orders are shipped to.

SAMPLES: Samples are available to qualified manufacturers upon request. For larger sample orders, there will be a fee of \$15 to \$25 plus freight. We will advise you of the fee when you place your request for samples. Please contact The Worth Company for sample request orders.

RETURNED GOODS: A minimum restocking charge of 10% will be made on any goods returned in their original condition. No returns are allowed on specials, painted items, polish brass lacquered items or gold products which are not regularly cataloged by us. No returns will be accepted without prior approval. Returns will not be accepted after 60 days from the invoice date.

EQUIPMENT PURCHASES: Equipment will require 100% pre-payment before any product can be shipped.

HANDLING CHARGE: For orders less than \$10, there is a \$2 handling charge.

MINIMUM ORDER QUANTITIES: All component products listed in our catalog have a Minimum Order Quantity of 100-pcs. Each line item under 100-pcs will be charged an additional small order fee of \$5.00. If your order total is \$100.00 or more when ordering less than the Minimum Order Quantity, the small order fee of \$5.00 per line item will be waived.

INSURED PACKAGES: All USPS packages are insured if the value is over \$100. All USPS Foreign/Canada shipments are insured regardless of their value. UPS Ground/Residential are insured if the value is \$500 or more. UPS Collect shipments are always insured. All Foreign/Canada shipments are insured regardless of their value.

SPECIAL ORDERS: Products of special design will require 100% pre-payment on all custom tooling charges, along with a signed purchase order. All quotations and tooling agreements must be signed and on file before a custom order can be implemented. A \$100 deposit is required on all custom components unless otherwise approved by Worth Management. Standard variance for special orders is +/- 10% of the original order quantity. Overages or shortages on orders requiring special material will be reviewed on an individual basis. All quotations, tooling agreements and deposit money must be signed and on file before any projects begin. The delivery time frame listed on each quotation will begin with the receipt of this documentation and all required deposit money. When applicable, any initial specification sheet submitted to the customer must be approved, signed and returned in order for the project to proceed. The Worth Company will cover the cost of the initial set-up and pre-production samples, subject to the required minimum quantities. This will include all metal component parts and wire forms. A response must be made within 24 hours from the receipt of the samples. Any delays beyond that 24-hour period will result in project delays and additional costs for rescheduling and 2nd set-up of the project tooling. The customer will be responsible for any "Next Day Air" charges if requested.

PATENTS: When placing an order for goods appearing within, the purchaser warrants that the finished article is not and will not be an infringement of any valid patents or trademarks, and the purchaser further agrees, at his own expense, to defend any and all actions and suits which may be brought against the company charging such infringement.

PACKAGING: All items contained within are shipped in bulk. Items are counted by weight and are guaranteed accurate within +/- 2%. Special quantity packaging is available for an additional cost, contact The Worth Company to get a quote.

worth

P.O. Box 88
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Stevens Point , WI, USA, 54481

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715-344-6081

sales@worthco.com

www.worthco.com

