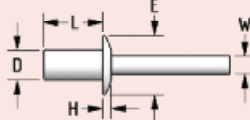




POP® Closed End Rivets

Nominal Rivet Diameter	(L) Nominal Rivet Body Length	Grip Range	Rivet Part Number	Hole Size					Shear Strength	Tensile Strength
					(D) Body Diameter	(H) Flange Thickness	(E) Flange Diameter	(W) Nominal Mandrel Diameter		
In. (mm)	In. (mm)	In. (mm)		In. (mm)	In. (mm)	In. (mm)	In. (mm)	In. (mm)	Lbs. (N)	Lbs. (N)
1100 Aluminum Body/Aluminum Mandrel – Domed Head – Finish: Plain/Plain										
1/8 <i>(3.2)</i>	.237 <i>(6.0)</i>	.032-.062 <i>(.8-1.6)</i>	AD 41 AH	.129-.133 <i>(3.28-3.38)</i>	.124-.128 <i>(3.15-3.25)</i>	.031-.051 <i>(0.79-1.30)</i>	.224-.248 <i>(5.69-6.30)</i>	.072 <i>(1.83)</i>	105 <i>(467)</i>	150 <i>(667)</i>
	.301 <i>(7.7)</i>	.063-.125 <i>(1.6-3.2)</i>	AD 42 AH							
	.362 <i>(9.2)</i>	.126-.187 <i>(3.2-4.8)</i>	AD 43 AH							
	.425 <i>(10.8)</i>	.188-.250 <i>(4.8-6.4)</i>	AD 44 AH							
5/32 <i>(4.0)</i>	.440 <i>(11.2)</i>	.188-.250 <i>(4.8-6.4)</i>	AD 54 AH	.160-.164 <i>(4.06-4.17)</i>	.154-.159 <i>(3.91-4.04)</i>	.046-.066 <i>(1.17-1.68)</i>	.297-.327 <i>(7.54-8.31)</i>	.090 <i>(2.29)</i>	155 <i>(689)</i>	240 <i>(1067)</i>
	.502 <i>(12.8)</i>	.251-.312 <i>(6.4-7.9)</i>	AD 55 AH							
3/16 <i>(4.8)</i>	.330 <i>(8.4)</i>	.063-.125 <i>(1.6-3.2)</i>	AD 62 AH	.192-.196 <i>(4.88-4.98)</i>	.186-.191 <i>(4.72-4.85)</i>	.061-.081 <i>(1.55-2.06)</i>	.357-.393 <i>(9.07-9.98)</i>	.108 <i>(2.74)</i>	220 <i>(978)</i>	310 <i>(1378)</i>
	.455 <i>(11.6)</i>	.126-.250 <i>(3.2-6.4)</i>	AD 64 AH							
	.580 <i>(14.7)</i>	.251-.375 <i>(6.4-7.9)</i>	AD 66 AH							
	.705 <i>(17.9)</i>	.376-.500 <i>(9.5-12.7)</i>	AD 68 AH							

POP® Brand Rivets In Lawn and Garden Applications





Nominal Rivet Diameter	(L) Nominal Rivet Body Length	Grip Range	Rivet Part Number	Hole Size					 Shear Strength	 Tensile Strength
					(D) Body Diameter	(H) Flange Thickness	(E) Flange Diameter	(W) Nominal Mandrel Diameter		
In. (mm)	In. (mm)	In. (mm)		In. (mm)	In. (mm)	In. (mm)	In. (mm)	In. (mm)	Lbs. (N)	Lbs. (N)
5056 Aluminum Body/Steel Mandrel – Domed Head – Finish: Plain/Protective Coating										
1/8 <i>(3.2)</i>	.237 <i>(6.0)</i>	.032-.062 <i>(.8-1.6)</i>	AD 41 H	.129-.133 <i>(3.28-3.38)</i>	.124-.128 <i>(3.15-3.25)</i>	.031-.051 <i>(0.79-1.30)</i>	.224-.248 <i>(5.69-6.30)</i>	.064 <i>(1.63)</i>	305 <i>(1356)</i>	385 <i>(1712)</i>
	.301 <i>(7.7)</i>	.063-.125 <i>(1.6-3.2)</i>	AD 42 H							
	.362 <i>(9.2)</i>	.126-.187 <i>(3.2-4.8)</i>	AD 43 H							
	.425 <i>(10.8)</i>	.188-.250 <i>(4.8-6.4)</i>	AD 44 H							
	.487 <i>(12.4)</i>	.251-.312 <i>(6.4-7.9)</i>	AD 45 H							
	.550 <i>(14.0)</i>	.313-.375 <i>(7.9-9.5)</i>	AD 46 H							
	.675 <i>(17.2)</i>	.376-.500 <i>(9.5-12.7)</i>	AD 48 H							
5/32 <i>(4.0)</i>	.315 <i>(8.0)</i>	.063-.125 <i>(1.6-3.2)</i>	AD 52 H	.160-.164 <i>(4.06-4.17)</i>	.154-.159 <i>(3.91-4.04)</i>	.046-.066 <i>(1.17-1.68)</i>	.297-.327 <i>(7.54-8.31)</i>	.086 <i>(2.18)</i>	430 <i>(1912)</i>	605 <i>(2691)</i>
	.377 <i>(9.6)</i>	.126-.187 <i>(3.2-4.8)</i>	AD 53 H							
	.440 <i>(11.2)</i>	.188-.250 <i>(4.8-6.4)</i>	AD 54 H							
	.502 <i>(12.8)</i>	.251-.312 <i>(6.4-7.9)</i>	AD 55 H							
3/16 <i>(4.8)</i>	.330 <i>(8.4)</i>	.063-.125 <i>(1.6-3.2)</i>	AD 62 H	.192-.196 <i>(4.88-4.98)</i>	.186-.191 <i>(4.72-4.85)</i>	.061-.081 <i>(1.55-2.06)</i>	.357-.393 <i>(9.07-9.98)</i>	.104 <i>(2.64)</i>	575 <i>(2557)</i>	840 <i>(3736)</i>
	.392 <i>(10.0)</i>	.126-.187 <i>(3.2-4.8)</i>	AD 63 H							
	.455 <i>(11.6)</i>	.188-.250 <i>(4.8-6.4)</i>	AD 64 H							
	.517 <i>(13.1)</i>	.251-.312 <i>(6.4-7.9)</i>	AD 65 H							
	.580 <i>(14.7)</i>	.313-.375 <i>(7.9-9.5)</i>	AD 66 H							
	.705 <i>(17.9)</i>	.376-.500 <i>(9.5-12.7)</i>	AD 68 H							
1/4 <i>(6.4)</i>	.485 <i>(12.3)</i>	.126-.250 <i>(3.2-6.4)</i>	AD 84 H	.257-.261 <i>(6.53-6.63)</i>	.249-.255 <i>(6.32-6.48)</i>	.079-.099 <i>(2.00-2.51)</i>	.475-.525 <i>(12.06-13.34)</i>	.144 <i>(3.66)</i>	900 <i>(4003)</i>	1100 <i>(4893)</i>
	.610 <i>(15.5)</i>	.251-.375 <i>(6.4-9.5)</i>	AD 86 H							



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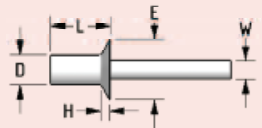
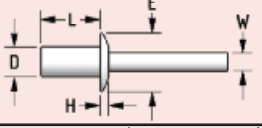
Closed End Rivets

Nominal Rivet Diameter	(L) Nominal Rivet Body Length	Grip Range	Rivet Part Number	Hole Size					Shear Strength	Tensile Strength
					(D) Body Diameter	(H) Flange Thickness	(E) Flange Diameter	(W) Nominal Mandrel Diameter		
In. (mm)	In. (mm)	In. (mm)		In. (mm)	In. (mm)	In. (mm)	In. (mm)	In. (mm)	Lbs. (N)	Lbs. (N)
5056 Aluminum Body/Steel Mandrel – Large Flange – Finish: Plain/Protective Coating										
1/8 (3.2)	.262 (6.7)	0-.063 (0-1.6)	AD 402 SBM LF8	.129-.133 (3.28-3.38)	.121-.128 (3.10-3.25)	.027-.047 (0.69-1.19)	.295-.334 (7.49-8.48)	.064 (1.63)	250 Min (1110)	315 Min (1400)
	.324 (8.3)	.063-.125 (1.6-3.2)	AD 404 SBM LF8							
	.387 (9.9)	.125-.188 (3.2-4.8)	AD 406 SBM LF8							
5/32 (4.0)	.332 (8.5)	0-.125 (0-3.2)	AD 504 SBM LF10	.160-.164 (4.06-4.17)	.154-.161 (3.91-4.09)	.047-.067 (1.19-1.70)	.374-.413 (9.50-10.49)	.086 (2.18)	369 Min (1640)	499 Min (2220)
	.394 (10.2)	.125-.188 (3.2-4.8)	AD 506 SBM LF10							
	.461 (11.8)	.188-.250 (4.8-6.4)	AD 508 SBM LF10							
	.523 (13.4)	.250-.309 (6.4-7.9)	AD 510 SBM LF10							
3/16 (4.8)	.348 (8.9)	0-.125 (0-3.2)	AD 604 SBM LF11	.192-.196 (4.88-4.98)	.182-.191 (4.62-4.85)	.056-.076 (1.42-1.93)	.413-.452 (10.49-11.48)	.104 (2.64)	508 Min (2260)	699 Min (3110)
	.410 (10.5)	.125-.188 (3.2-4.8)	AD 606 SBM LF11							
	.473 (12.1)	.188-.250 (4.8-6.4)	AD 608 SBM LF11							
	.527 (13.5)	.250-.309 (6.4-7.9)	AD 610 SBM LF11							
	.590 (15.1)	.309-.371 (7.9-9.5)	AD 612 SBM LF11							

**POP® Brand Rivets
In
Playground Equipment
Applications**



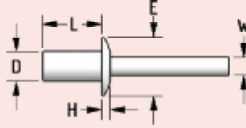


Nominal Rivet Diameter	(L) Nominal Rivet Body Length	Grip Range	Rivet Part Number	Hole Size					Shear Strength	Tensile Strength
					(D) Body Diameter	(H) Flange Thickness	(E) Flange Diameter	(W) Nominal Mandrel Diameter		
In. (mm)	In. (mm)	In. (mm)		In. (mm)	In. (mm)	In. (mm)	In. (mm)	In. (mm)	Lbs. (N)	Lbs. (N)
5056 Aluminum Body/Steel Mandrel – 120° Countersunk – Finish: Plain/Protective Coating										
1/8 (3.2)	.277 (7.0)	.031-.062 (.8-1.6)	AK 41 H	.129-.133 (3.28-3.38)	.124-.128 (3.15-3.25)	.055 Max (1.40)	.221-.245 (5.61-6.22)	.064 (1.63)	305 (1358)	385 (1712)
	.341 (8.7)	.063-.125 (1.6-3.2)	AK 42 H							
	.402 (10.2)	.126-.187 (3.2-4.8)	AK 43 H							
	.466 (11.8)	.188-.250 (4.8-6.4)	AK 44 H							
	.528 (13.4)	.251-.312 (6.4-7.9)	AK 45 H							
	.591 (15.0)	.313-.375 (7.9-9.5)	AK 46 H							
5/32 (4.0)	.307 (7.8)	.032-.062 (1.6-3.2)	AK 51 H	.160-.164 (4.06-4.17)	.155-.159 (3.94-4.04)	.065 Max (1.65)	.297-.327 (7.54-8.31)	.086 (2.18)	430 (1913)	605 (2691)
	.370 (9.4)	.063-.125 (3.2-4.8)	AK 52 H							
	.432 (11.0)	.126-.187 (4.8-6.4)	AK 53 H							
	.475 (12.6)	.251-.312 (6.4-7.9)	AK 55 H							
	.558 (14.2)	.313-.375 (7.9-9.5)	AK 56 H							
3/16 (4.8)	.395 (10.0)	.063-.125 (1.6-3.2)	AK 62 H	.192-.196 (4.88-4.98)	.186-.191 (4.72-4.85)	.075 Max (1.91)	.355-.395 (9.02-10.03)	.104 (2.64)	575 (2558)	840 (3736)
	.520 (13.2)	.126-.250 (3.2-6.4)	AK 64 H							
	.645 (16.4)	.251-.375 (6.4-9.5)	AK 66 H							
Nominal Rivet Diameter	(L) Nominal Rivet Body Length	Grip Range	Rivet Part Number	Hole Size					Shear Strength	Tensile Strength
					(D) Body Diameter	(H) Flange Thickness	(E) Flange Diameter	(W) Nominal Mandrel Diameter		
In. (mm)	In. (mm)	In. (mm)		In. (mm)	In. (mm)	In. (mm)	In. (mm)	In. (mm)	Lbs. (N)	Lbs. (N)
5056 Aluminum Body/Stainless Steel Mandrel – Domed Head – Finish: Plain/Plain										
3/16 (4.8)	.330 (8.4)	.063-.125 (1.6-3.2)	AD 62 SSH	.192-.196 (4.88-4.98)	.186-.191 (4.72-4.85)	.061-.081 (1.55-2.06)	.357-.393 (9.07-9.98)	.104 (2.64)	575 (2559)	840 (3738)
	.455 (11.6)	.126-.250 (3.2-6.4)	AD 64 SSH							
	.580 (14.7)	.251-.375 (6.4-9.5)	AD 66 SSH							
	.705 (17.9)	.376-.500 (9.5-12.7)	AD 68 SSH							



POP®

Closed End Rivets

Nominal Rivet Diameter	(L) Nominal Rivet Body Length	Grip Range	Rivet Part Number	Hole Size					Shear Strength	Tensile Strength
					(D) Body Diameter	(H) Flange Thickness	(E) Flange Diameter	(W) Nominal Mandrel Diameter		
In. (mm)	In. (mm)	In. (mm)		In. (mm)	In. (mm)	In. (mm)	In. (mm)	In. (mm)	Lbs. (N)	Lbs. (N)
300 Stainless Steel Body/Stainless Steel Mandrel – Domed Head – Finish: Plain/Plain										
1/8 (3.2)	.260 (6.6)	0-.063 (0-1.6)	SSD 41 SSH	.130-.134 (3.30-3.40)	.122-.128 (3.10-3.25)	.019-.039 (0.48-.99)	.238-.262 (6.05-6.66)	.078 (2.0)	472 (2100)	499 (2220)
	.315 (8.0)	.063-.125 (1.6-3.2)	SSD 42 SSH							
	.382 (9.7)	.125-.190 (3.2-4.8)	SSD 43 SSH							
	.445 (11.3)	.188-.252 (4.8-6.4)	SSD 44 SSH							
	.508 (12.9)	.250-.311 (6.4-7.9)	SSD 45 SSH							
5/32 (4.0)	.339 (8.6)	0-.125 (0-3.2)	SSD 52 SSH	.161-.165 (4.09-4.19)	.153-.159 (3.89-4.04)	.022-.042 (0.56-1.07)	.308-.338 (7.82-8.59)	.093 (2.4)	742 (3300)	899 (4000)
	.402 (10.2)	.125-.190 (3.2-4.8)	SSD 53 SSH							
	.465 (11.8)	.188-.252 (4.8-6.4)	SSD 54 SSH							
	.528 (13.4)	.250-.311 (6.4-7.9)	SSD 55 SSH							
3/16 (4.8)	.362 (9.2)	0-.125 (0-3.2)	SSD 62 SSH	.193-.197 (4.90-5.00)	.184-.190 (4.67-4.83)	.029-.049 (0.74-1.25)	.357-.393 (9.07-9.98)	.117 (3.0)	966 (4300)	990 (4400)
	.425 (10.8)	.125-.189 (3.2-4.8)	SSD 63 SSH							
	.492 (12.5)	.188-.252 (4.8-6.4)	SSD 64 SSH							
	.610 (15.5)	.250-.374 (6.4-9.5)	SSD 66 SSH							
	.728 (18.5)	.371-.500 (9.5-12.7)	SSD 68 SSH							
110 Copper Body/Steel Mandrel – Domed Head – Finish: Plain/Protective Coating										
1/8 (3.2)	.362 (9.2)	.126-.187 (3.2-4.8)	CD 43 H	.129-.133 (3.28-3.38)	.124-.128 (3.15-3.25)	.031-.051 (0.79-1.30)	.224-.248 (5.69-6.30)	.064 (1.63)	270 (1202)	335 (1490)
	.425 (10.8)	.188-.250 (4.8-6.4)	CD 44 H							
	.487 (12.4)	.251-.312 (6.4-7.9)	CD 45 H							