



Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	Grip Range	Rivet Part Number	Hole Size	Rivet Dimensions				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)	In. (mm)	Lbs. (N)	Lbs. (N)
5052 Aluminum Body/Aluminum Mandrel – Domed Head – Finish: Plain/Plain											
3/32 (2.4)	.225 (5.7)	.325 (8.3)	.032-.125 (.8-3.2)	AD 32 ABS	.097-.100 (2.46-2.54)	.092-.096 (2.34-2.44)	.024-.032 (0.61-0.81)	.178-.198 (4.52-5.03)	.057 (1.45)	85 (378)	135 (600)
	.350 (8.9)	.450 (11.4)	.126-.250 (3.2-6.4)	AD 34 ABS							
	.475 (12.1)	.575 (14.6)	.251-.375 (6.4-9.5)	AD 36 ABS							
1/8 (3.2)	.188 (4.8)	.308 (7.8)	.032-.062 (.8-1.6)	AD 41 ABS	.129-.133 (3.28-3.38)	.122-.128 (3.10-3.25)	.032-.040 (0.81-1.02)	.238-.262 (6.05-6.66)	.076 (1.93)	155 (689)	235 (1045)
	.250 (6.4)	.370 (9.4)	.063-.125 (1.6-3.2)	AD 42 ABS							
	.313 (8.0)	.433 (11.0)	.126-.187 (3.2-4.8)	AD 43 ABS							
	.375 (9.5)	.495 (12.6)	.188-.250 (4.8-6.4)	AD 44 ABS							
	.438 (11.1)	.558 (14.2)	.251-.312 (6.4-7.9)	AD 45 ABS							
	.500 (12.7)	.620 (15.7)	.313-.375 (7.9-9.5)	AD 46 ABS							
	.625 (15.9)	.745 (18.9)	.376-.500 (9.5-12.7)	AD 48 ABS							
	.750 (19.1)	.870 (22.1)	.501-.625 (12.7-15.9)	AD 410 ABS							
5/32 (4.0)	.275 (7.0)	.415 (10.5)	.063-.125 (1.6-3.2)	AD 52 ABS	.160-.164 (4.06-4.17)	.153-.159 (3.89-4.04)	.039-.047 (.99-1.11)	.296-.328 (7.52-8.33)	.095 (2.41)	225 (1000)	350 (1556)
	.338 (8.6)	.478 (12.1)	.126-.187 (3.2-4.8)	AD 53 ABS							
	.400 (10.2)	.540 (13.7)	.188-.250 (4.8-6.4)	AD 54 ABS							
	.525 (13.3)	.665 (16.9)	.251-.375 (6.4-9.5)	AD 56 ABS							
	.650 (16.5)	.790 (20.1)	.376-.500 (9.5-12.7)	AD 58 ABS							
	.775 (19.7)	.915 (23.2)	.501-.625 (12.7-15.9)	AD 510 ABS							
3/16 (4.8)	.300 (7.6)	.460 (11.7)	.063-.125 (1.6-3.2)	AD 62 ABS	.192-.196 (4.88-4.98)	.183-.191 (4.65-4.85)	.047-.055 (1.19-1.40)	.357-.393 (9.07-9.98)	.114 (2.90)	315 (1401)	500 (2224)
	.425 (10.8)	.585 (14.9)	.126-.250 (3.2-6.4)	AD 64 ABS							
	.550 (14.0)	.710 (18.0)	.251-.375 (6.4-9.5)	AD 66 ABS							
	.675 (17.2)	.835 (21.2)	.376-.500 (9.5-12.7)	AD 68 ABS							
	.800 (20.3)	.960 (24.4)	.501-.625 (12.7-15.9)	AD 610 ABS							
	.925 (23.5)	1.085 (27.6)	.626-.750 (15.9-19.1)	AD 612 ABS							
	1.051 (26.7)	1.210 (30.7)	.751-.875 (19.1-22.2)	AD 614 ABS							
	1.175 (29.9)	1.335 (33.9)	.876-1.00 (22.2-25.4)	AD 616 ABS							



POP® Open End Rivets

Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	 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)	In. (mm)	Lbs. (N)	Lbs. (N)
5052 Aluminum Body/Aluminum Mandrel – Domed Head – Finish: Plain/Plain											
1/4 (6.4)	.350 (8.9)	.585 (14.9)	.062-.125 (1.6-3.2)	AD 82 ABS	.257-.261 (6.53-6.63)	.249-.255 (6.32-6.48)	.065-.073 (1.65-1.85)	.475-.525 (12.06-13.34)	.151 (3.84)	600 (2669)	750 (3336)
	.475 (12.1)	.710 (18.0)	.126-.250 (3.2-6.4)	AD 84 ABS							
	.600 (15.2)	.835 (21.2)	.251-.375 (6.4-9.5)	AD 86 ABS							
	.725 (18.4)	.960 (24.4)	.376-.500 (9.5-12.7)	AD 88 ABS							
	.850 (21.6)	1.085 (27.6)	.501-.625 (12.7-15.9)	AD 810 ABS							
	.975 (24.8)	1.210 (30.7)	.626-.750 (15.9-19.1)	AD 812 ABS							
	1.100 (27.9)	1.335 (33.9)	.751-.875 (19.1-22.2)	AD 814 ABS							
	1.225 (31.1)	1.460 (37.1)	.876-1.00 (22.2-25.4)	AD 816 ABS							
5052 Aluminum Body/Aluminum Mandrel – Large Flange – Finish: Plain/Plain											
1/8 (3.2)	.250 (6.4)	.370 (9.4)	.063-.125 (1.6-3.2)	AD 42 ABS LF	.129-.133 (3.28-3.38)	.122-.128 (3.10-3.25)	.034-.046 (0.86-1.17)	.360-.390 (9.14-9.91)	.076 (1.93)	155 (689)	235 (1045)
	.313 (7.9)	.433 (11.0)	.126-.187 (3.2-4.8)	AD 43 ABS LF							
	.375 (9.5)	.495 (12.6)	.188-.250 (4.8-6.4)	AD 44 ABS LF							
	.500 (12.7)	.620 (15.7)	.313-.375 (7.9-9.5)	AD 46 ABS LF							
5/32 (4.0)	.400 (10.2)	.540 (13.7)	.188-.250 (4.8-6.4)	AD 54 ABS LF	.160-.164 (4.06-4.17)	.153-.159 (3.89-4.04)	.042-.056 (1.07-1.42)	.448-.488 (11.38-12.40)	.095 (2.41)	225 (1000)	350 (1556)
	.525 (13.3)	.665 (16.9)	.251-.375 (6.4-9.5)	AD 56 ABS LF							
	.650 (16.5)	.790 (20.1)	.376-.500 (9.5-12.7)	AD 58 ABS LF							
3/16 (4.8)	.425 (10.8)	.585 (14.9)	.126-.250 (3.2-6.4)	AD 64 ABS LF	.192-.196 (4.88-4.98)	.183-.191 (4.65-4.85)	.067-.083 (1.70-2.11)	.600-.650 (15.24-16.51)	.114 (2.90)	315 (1401)	500 (2224)
	.550 (14.0)	.710 (18.0)	.251-.375 (6.4-9.5)	AD 66 ABS LF							
	.675 (17.1)	.835 (21.2)	.376-.500 (9.5-12.7)	AD 68 ABS LF							
	.800 (20.3)	.960 (24.4)	.501-.625 (12.7-15.9)	AD 610 ABS LF							
	.925 (23.5)	1.085 (27.6)	.626-.750 (15.9-19.1)	AD 612 ABS LF							
	1.175 (29.8)	1.335 (33.9)	.876-1.000 (22.2-25.4)	AD 616 ABS LF							



Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	Grip Range	Rivet Part Number	Hole Size	Dimensions				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)	In. (mm)	Lbs. (N)	Lbs. (N)
5052 Aluminum Body/Aluminum Mandrel – 120° Countersunk – Finish: Plain/Plain											
1/8 (3.2)	.250 (6.4)	.370 (9.4)	.063-.125 (1.6-3.2)	AK 42 ABS	.129-.133 (3.28-3.38)	.122-.128 (3.10-3.25)	.051 Max (1.30)	.207-.233 (5.26-5.92)	.076 (1.93)	155 (689)	235 (1045)
	.313 (8.0)	.433 (11.0)	.126-.187 (3.2-4.8)	AK 43 ABS							
	.375 (9.5)	.495 (12.6)	.188-.250 (4.8-6.4)	AK 44 ABS							
	.438 (11.1)	.558 (14.2)	.251-.312 (6.4-7.9)	AK 45 ABS							
	.500 (12.7)	.620 (15.7)	.313-.375 (7.9-9.5)	AK 46 ABS							
	.750 (19.1)	.870 (22.1)	.501-.625 (12.7-15.9)	AK 410 ABS							
5/32 (4.0)	.275 (7.0)	.415 (10.5)	.063-.125 (1.6-3.2)	AK 52 ABS	.160-.164 (4.06-4.17)	.153-.159 (3.89-4.04)	.063 Max (1.60)	.266-.296 (6.76-7.52)	.095 (2.41)	225 (1000)	350 (1556)
	.400 (10.2)	.540 (13.7)	.188-.250 (4.8-6.4)	AK 54 ABS							
	.525 (13.3)	.665 (16.9)	.313-.375 (7.9-9.5)	AK 56 ABS							
3/16 (4.8)	1.175 (29.9)	1.335 (33.9)	.876-1.00 (22.2-25.4)	AK 616 ABS	.192-.196 (4.88-4.98)	.183-.191 (4.65-4.85)	.071 Max (1.80)	.333-.363 (8.46-9.22)	.114 (2.90)	315 (1401)	500 (2224)
Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	Grip Range	Rivet Part Number	Hole Size	Dimensions				Shear Strength	Tensile Strength
						(D) Body Diameter	(H) Flange Thickness	(E) Flange Diameter	(W) Nominal Mandrel Diameter		
5056 Aluminum Body/Steel Mandrel – Domed Head – Finish: Plain/Protective Coating											
3/32 (2.4)	.225 (5.7)	.325 (8.3)	.031-.125 (.8-3.2)	AD 32 BS	.097-.100 (2.46-2.54)	.092-.096 (2.34-2.44)	.024-.032 (0.61-0.81)	.178-.198 (4.52-5.03)	.057 (1.45)	125 (378)	175 (778)
	.350 (8.9)	.450 (11.4)	.126-.250 (3.2-6.4)	AD 34 BS							
1/8 (3.2)	.188 (4.8)	.308 (7.8)	.032-.062 (.8-1.6)	AD 41 BS	.129-.133 (3.28-3.38)	.122-.128 (3.10-3.25)	.032-.040 (.081-1.02)	.238-.262 (6.05-6.66)	.076 (1.93)	210 (934)	325 (1445)
	.250 (6.5)	.370 (9.4)	.063-.125 (1.6-3.2)	AD 42 BS							
	.313 (8.0)	.433 (11.0)	.126-.187 (3.2-4.8)	AD 43 BS							
	.375 (9.5)	.495 (12.6)	.188-.250 (4.8-6.4)	AD 44 BS							
	.438 (11.1)	.558 (14.2)	.251-.312 (6.4-7.9)	AD 45 BS							
	.500 (12.7)	.620 (15.7)	.313-.375 (7.9-9.5)	AD 46 BS							
	.625 (15.9)	.745 (18.9)	.376-.500 (9.5-12.7)	AD 48 BS							
.750 (19.1)	.870 (22.1)	.501-.625 (12.7-15.9)	AD 410 BS								



POP® Open End Rivets

Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	Grip Range	Rivet Part Number	Hole Size	Rivet Dimensions				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)	In. (mm)	Lbs. (N)	Lbs. (N)
5056 Aluminum Body/Steel Mandrel – Domed Head – Finish: Plain/Protective Coating											
5/32 (4.0)	.275 (7.0)	.415 (10.5)	.063-.125 (1.6-3.2)	AD 52 BS	.160-.164 (4.06-4.17)	.153-.159 (3.89-4.04)	.039-.047 (0.99-1.19)	.296-.328 (7.52-8.33)	.095 (2.41)	340 (1512)	490 (2179)
	.338 (8.6)	.478 (12.1)	.126-.187 (3.2-4.8)	AD 53 BS							
	.400 (10.2)	.540 (13.7)	.188-.250 (4.8-6.4)	AD 54 BS							
	.525 (13.3)	.665 (16.9)	.251-.375 (6.4-9.5)	AD 56 BS							
	.650 (16.5)	.790 (20.1)	.376-.500 (9.5-12.7)	AD 58 BS							
3/16 (4.8)	.300 (7.6)	.460 (11.7)	.063-.125 (1.6-3.2)	AD 62 BS	.192-.196 (4.88-4.98)	.183-.191 (4.65-4.85)	.047-.055 (1.19-1.4)	.357-.393 (9.07-9.98)	.114 (2.90)	445 (1979)	720 (3202)
	.425 (10.8)	.585 (14.9)	.126-.250 (3.2-6.4)	AD 64 BS							
	.550 (14.0)	.710 (18.0)	.251-.375 (6.4-9.5)	AD 66 BS							
	.675 (17.2)	.835 (21.2)	.376-.500 (9.5-12.7)	AD 68 BS							
	.800 (20.3)	.960 (24.4)	.501-.625 (12.7-15.9)	AD 610 BS							
	.925 (23.5)	1.085 (27.6)	.626-.750 (15.9-19.1)	AD 612 BS							
	1.05 (26.7)	1.210 (30.7)	.751-.875 (19.1-22.2)	AD 614 BS							
	1.175 (29.9)	1.335 (33.9)	.876-1.00 (22.2-25.4)	AD 616 BS							
	1.30 (33.0)	1.46 (37.1)	1.001-1.125 (25.4-28.6)	AD 618 BS							
1/4 (6.4)	.475 (12.1)	.710 (18.0)	.063-.250 (1.6-6.4)	AD 84 BS	.257-.261 (6.53-6.63)	.249-.255 (6.32-6.48)	.065-.073 (1.65-1.85)	.475-.525 (12.06-13.34)	.151 (3.84)	890 (3958)	1200 (5337)
	.600 (15.2)	.835 (21.2)	.251-.375 (6.4-9.5)	AD 86 BS							
	.725 (18.4)	.960 (24.4)	.376-.500 (9.5-12.7)	AD 88 BS							
	.850 (21.6)	1.085 (27.6)	.501-.625 (12.7-15.9)	AD 810 BS							
	.975 (24.8)	1.210 (30.7)	.626-.750 (15.9-19.1)	AD 812 BS							
	1.225 (31.1)	1.460 (37.1)	.876-1.00 (22.2-25.4)	AD 816 BS							



POP® Brand Rivets In Hearth, Grill and Patio Applications





Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	Grip Range	Rivet Part Number	Hole Size	Rivet Dimensions				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)	In. (mm)	Lbs. (N)	Lbs. (N)
5056 Aluminum Body/Steel Mandrel – Large Flange – Finish: Plain/Protective Coating											
1/8 (3.2)	.250 (6.4)	.370 (9.4)	.063-.125 (1.6-3.2)	AD 42 BS LF	.129-.133 (3.28-3.38)	.122-.128 (3.10-3.25)	.065-.073 (1.65-1.85)	.360-.390 (9.14-9.91)	.076 (1.93)	210 (934)	325 (1445)
	.313 (8.0)	.433 (11.0)	.126-.187 (3.2-4.8)	AD 43 BS LF							
	.375 (9.5)	.495 (12.6)	.188-.250 (4.8-6.4)	AD 44 BS LF							
	.500 (12.7)	.620 (15.7)	.313-.375 (7.9-9.5)	AD 46 BS LF							
5/32 (4.0)	.400 (10.2)	.540 (13.7)	.188-.250 (4.8-6.4)	AD 54 BS LF	.160-.164 (4.06-4.17)	.153-.159 (3.89-4.04)	.042-.056 (1.07-1.42)	.448-.488 (11.38-12.40)	.095 (2.41)	340 (1512)	490 (2179)
3/16 (4.8)	.300 (7.6)	.460 (11.7)	.063-.125 (1.6-3.2)	AD 62 BS LF	.192-.196 (4.88-4.98)	.183-.191 (4.65-4.85)	.067-.083 (1.70-2.11)	.600-.650 (15.24-16.51)	.114 (2.90)	445 (1979)	720 (3202)
	.425 (10.8)	.585 (14.9)	.126-.250 (3.2-6.4)	AD 64 BS LF							
	.550 (14.0)	.710 (18.0)	.251-.375 (6.4-9.5)	AD 66 BS LF							
	.675 (17.2)	.835 (21.2)	.376-.500 (9.5-12.7)	AD 68 BS LF							
	.800 (20.3)	.960 (24.4)	.501-.625 (12.7-15.9)	AD 610 BS LF							
	.925 (23.5)	1.085 (27.6)	.626-.750 (15.9-19.1)	AD 612 BS LF							
	1.05 (26.7)	1.210 (30.7)	.751-.875 (19.1-22.2)	AD 614 BS LF							
	1.175 (29.9)	1.335 (33.9)	.876-1.00 (22.2-25.4)	AD 616 BS LF							

**POP® Brand Rivets
In
Lighting Applications**





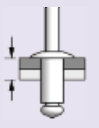

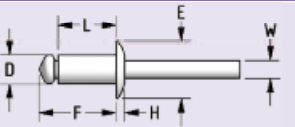


POP® Open End Rivets

Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	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)	In. (mm)	Lbs. (N)	Lbs. (N)
5056 Aluminum Body/Steel Mandrel – 120° Countersunk – Finish: Plain/Protective Coating											
1/8 (3.2)	.250 (6.4)	.370 (9.4)	.063-.125 (1.6-3.2)	AK 42 BS	.129-.133 (3.28-3.38)	.122-.128 (3.10-3.25)	.051 Max (1.30)	.207-.233 (5.26-5.92)	.076 (1.93)	210 (934)	325 (1445)
	.313 (8.0)	.433 (11.0)	.126-.187 (3.2-4.8)	AK 43 BS							
	.375 (9.5)	.495 (12.6)	.188-.250 (4.8-6.4)	AK 44 BS							
	.438 (11.1)	.558 (14.2)	.251-.312 (6.4-7.9)	AK 45 BS							
	.500 (12.7)	.620 (15.7)	.313-.375 (7.9-9.5)	AK 46 BS							
	.625 (15.9)	.745 (18.9)	.376-.500 (9.5-12.7)	AK 48 BS							
5/32 (4.0)	.275 (7.0)	.415 (10.5)	.063-.125 (1.6-3.2)	AK 52 BS	.160-.164 (4.06-4.17)	.153-.159 (3.89-4.04)	.063 Max (1.60)	.266-.296 (6.76-7.52)	.095 (2.41)	340 (1512)	490 (2179)
	.400 (10.2)	.540 (13.7)	.126-.250 (3.2-6.4)	AK 54 BS							
	.525 (13.3)	.665 (16.9)	.251-.375 (6.4-9.5)	AK 56 BS							
3/16 (4.8)	.425 (10.8)	.585 (14.9)	.126-.250 (3.2-6.4)	AK 64 BS	.192-.196 (4.88-4.98)	.183-.191 (4.65-4.85)	.071 Max (1.80)	.333-.363 (8.46-9.22)	.114 (2.90)	445 (1979)	720 (3202)
	.550 (14.0)	.710 (18.0)	.251-.375 (6.4-9.5)	AK 66 BS							
Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	Grip Range	Rivet Part Number	Hole Size					Shear Strength	Tensile Strength
						(D) Body Diameter	(H) Flange Thickness	(E) Flange Diameter	(W) Nominal Mandrel Diameter		
C1006-C1010 Steel Body/Steel Mandrel – Domed Head – Finish: Zinc/Protective Coating											
3/32 (2.4)	.225 (5.7)	.325 (8.3)	.032-.125 (.8-3.2)	SD 32 BS	.097-.100 (2.46-2.54)	.092-.096 (2.34-2.44)	.024-.032 (0.61-0.81)	.178-.198 (4.52-5.03)	.057 (1.45)	150 (667)	205 (912)
	.350 (8.9)	.450 (11.4)	.126-.250 (3.2-6.4)	SD 34 BS							

POP® Brand Rivets In Furniture Applications





Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	 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)	In. (mm)	Lbs. (N)	Lbs. (N)
C1006-C1010 Steel Body/Steel Mandrel – Domed Head – Finish: Zinc/Protective Coating											
1/8 (3.2)	.188 (4.8)	.308 (7.8)	.032-.062 (.8-1.6)	SD 41 BS	.129-.133 (3.28-3.38)	.122-.128 (3.10-3.25)	.032-.040 (0.81-1.02)	.238-.262 (6.05-6.66)	.076 (1.93)	295 (1312)	425 (1891)
	.250 (6.4)	.370 (9.4)	.063-.125 (1.6-3.2)	SD 42 BS							
	.313 (8.0)	.433 (11.0)	.126-.187 (3.2-4.8)	SD 43 BS							
	.375 (9.5)	.495 (12.6)	.188-.250 (4.8-6.4)	SD 44 BS							
	.438 (11.1)	.558 (14.2)	.251-.312 (6.4-7.9)	SD 45 BS							
	.500 (12.7)	.620 (15.8)	.313-.375 (7.9-9.5)	SD 46 BS							
	.625 (15.9)	.745 (18.9)	.376-.500 (9.5-12.7)	SD 48 BS							
5/32 (4.0)	.275 (7.0)	.415 (10.5)	.063-.125 (1.6-3.2)	SD 52 BS	.160-.164 (4.06-4.17)	.153-.159 (3.89-4.04)	.039-.047 (0.99-1.19)	.296-.328 (7.52-8.33)	.095 (2.41)	410 (1824)	570 (2535)
	.338 (8.6)	.478 (12.1)	.126-.187 (3.2-4.8)	SD 53 BS							
	.400 (10.2)	.540 (13.7)	.188-.250 (4.8-6.4)	SD 54 BS							
	.525 (13.3)	.665 (16.9)	.251-.375 (6.4-9.5)	SD 56 BS							
	.650 (16.5)	.790 (20.1)	.376-.500 (9.5-12.7)	SD 58 BS							
3/16 (4.8)	.300 (7.6)	.460 (11.7)	.063-.125 (1.6-3.2)	SD 62 BS	.192-.196 (4.88-4.98)	.183-.191 (4.65-4.85)	.047-.055 (1.19-1.40)	.357-.393 (9.07-9.98)	.114 (2.90)	590 (2624)	815 (3625)
	.425 (10.8)	.585 (14.9)	.126-.250 (3.2-6.4)	SD 64 BS							
	.550 (14.0)	.710 (18.0)	.251-.375 (6.4-9.5)	SD 66 BS							
	.675 (17.2)	.835 (21.2)	.376-.500 (9.5-12.7)	SD 68 BS							
	.800 (20.3)	.960 (24.4)	.501-.625 (12.7-15.9)	SD 610 BS							
	.925 (23.5)	1.085 (27.6)	.626-.750 (15.9-19.1)	SD 612 BS							
	1.05 (26.7)	1.210 (30.7)	.751-.875 (19.1-22.2)	SD 614 BS							
	1.175 (29.9)	1.335 (33.9)	.876-1.00 (22.2-25.4)	SD 616 BS							



POP® Open End Rivets

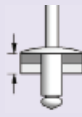

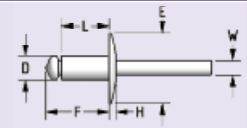


Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	Grip Range	Rivet Part Number	Hole Size					Shear Strength	Tensile Strength
						(D) Body Diameter	(H) Flange Thickness	(E) Flange Diameter	(W) Nominal Mandrel Diameter		
In. (mm)	In. (mm)	In. (mm)	In. (mm)		In. (mm)	In. (mm)	In. (mm)	In. (mm)	In. (mm)	Lbs. (N)	Lbs. (N)
C1006-C1010 Steel Body/Steel Mandrel – Domed Head – Finish: Zinc/Protective Coating											
1/4 (6.4)	.475 (12.1)	.710 (18.0)	.063-.250 (1.6-6.4)	SD 84 BS	.257-.261 (6.53-6.63)	.249-.255 (6.32-6.48)	.065-.073 (1.65-1.85)	.475-.525 (12.06-13.34)	.151 (3.84)	1245 (5538)	1505 (6694)
	.600 (15.2)	.835 (21.2)	.251-.375 (6.4-9.5)	SD 86 BS							
	.725 (18.4)	.960 (24.4)	.376-.500 (9.5-12.7)	SD 88 BS							
	.850 (21.6)	1.085 (27.6)	.501-.625 (12.8-15.9)	SD 810 BS							
	.975 (24.8)	1.210 (30.7)	.626-.750 (15.9-19.1)	SD 812 BS							
	1.10 (27.9)	1.335 (33.9)	.751-.875 (19.1-22.2)	SD 814 BS							
	1.225 (31.1)	1.460 (37.1)	.876-1.00 (22.2-25.4)	SD 816 BS							
C1006-C1010 Steel Body/Steel Mandrel – Large Flange – Finish: Zinc/Protective Coating											
1/8 (3.2)	.250 (6.5)	.370 (9.4)	.063-.125 (1.6-3.2)	SD 42 BS LF	.129-.133 (3.28-3.38)	.122-.128 (3.10-3.25)	.034-.046 (0.86-1.17)	.360-.390 (9.14-9.91)	.076 (1.93)	295 (1312)	425 (1891)
	.313 (8.0)	.433 (11.0)	.126-.187 (3.2-4.8)	SD 43 BS LF							
	.375 (9.5)	.495 (12.6)	.188-.250 (4.8-6.4)	SD 44 BS LF							
	.500 (12.7)	.620 (15.7)	.251-.375 (6.4-9.5)	SD 46 BS LF							
5/32 (4.0)	.338 (8.6)	.478 (12.1)	.126-.187 (3.2-4.8)	SD 53 BS LF	.160-.164 (4.06-4.17)	.153-.159 (3.89-4.04)	.042-.056 (1.07-1.42)	.448-.488 (11.38-12.40)	.095 (2.41)	410 (1824)	570 (2535)
	.400 (10.2)	.540 (13.7)	.188-.250 (4.8-6.4)	SD 54 BS LF							
	.525 (13.3)	.665 (16.9)	.251-.375 (6.4-9.5)	SD 56 BS LF							



POP® Brand Rivets In Building & Construction Applications





Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	 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)	In. (mm)	Lbs. (N)	Lbs. (N)
C1006-C1010 Steel Body/Steel Mandrel – Large Flange – Finish: Zinc/Protective Coating											
3/16 (4.8)	.300 (7.6)	.460 (11.7)	.063-.125 (1.6-3.2)	SD 62 BS LF	.192-.196 (4.88-4.98)	.183-.191 (4.65-4.85)	.067-.083 (1.70-2.11)	.600-.650 (15.24-16.51)	.114 (2.90)	590 (2624)	815 (3625)
	.425 (10.8)	.585 (14.9)	.126-.250 (3.2-6.4)	SD 64 BS LF							
	.550 (14.0)	.710 (18.0)	.251-.375 (6.4-9.5)	SD 66 BS LF							
	.675 (17.2)	.835 (21.2)	.376-.500 (9.5-12.7)	SD 68 BS LF							
	.800 (20.3)	.960 (24.4)	.501-.625 (12.8-15.9)	SD 610 BS LF							
	.925 (23.5)	1.085 (27.6)	.626-.750 (15.9-19.1)	SD 612 BS LF							
1.4 (6.4)	.600 (15.2)	.835 (21.2)	.251-.375 (6.4-9.5)	SD 86 BS LF	.257-.261 (6.53-6.63)	.249-.255 (6.32-6.48)	.098-.107 (2.49-2.72)	.720-.780 (18.29-19.81)	.151 (3.84)	1245 (5538)	1505 (6694)
	.850 (21.6)	1.085 (27.6)	.501-.625 (12.7-15.8)	SD 810 BS LF							
	1.100 (27.9)	1.335 (33.9)	.751-.875 (19.1-22.2)	SD 814 BS LF							
C1006-C1010 Steel Body/Steel Mandrel – 120° Countersunk – Finish: Zinc/Protective Coating											
3/32 (2.4)	.225 (5.8)	.325 (8.3)	.063-.125 (1.6-3.2)	SK 32 BS	.097-.100 (2.46-2.54)	.092-.096 (2.34-2.44)	.039 Max (0.99)	.161-.187 (4.09-4.75)	.057 (1.45)	150 (667)	205 (912)
1/8 (3.2)	.250 (6.4)	.370 (9.4)	.063-.125 (1.6-3.2)	SK 42 BS	.129-.133 (3.28-3.38)	.122-.128 (3.10-3.25)	.051 Max (1.30)	.207-.233 (5.26-5.92)	.076 (1.93)	295 (1312)	425 (1891)
	.313 (8.0)	.433 (11.0)	.126-.187 (3.2-4.8)	SK 43 BS							
	.375 (9.5)	.495 (12.6)	.188-.250 (4.8-6.4)	SK 44 BS							
	.500 (12.7)	.620 (15.7)	.313-.375 (7.9-9.5)	SK 46 BS							
5/32 (4.0)	.650 (16.5)	.790 (20.1)	.376-.500 (9.6-12.7)	SK 58 BS	.160-.164 (4.06-4.17)	.153-.159 (3.89-4.04)	.063 Max (1.60)	.266-.296 (6.75-7.52)	.095 (2.41)	410 (1824)	570 (2535)
3/16 (4.8)	.425 (10.8)	.585 (14.9)	.126-.250 (3.2-6.4)	SK 64 BS	.192-.196 (4.88-4.98)	.183-.191 (4.65-4.85)	.071 Max (1.80)	.333-.363 (8.46-9.22)	.114 (2.90)	590 (2624)	815 (3625)



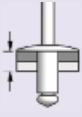

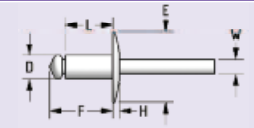


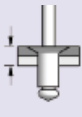

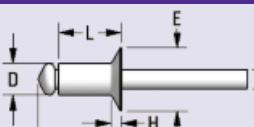


POP® Open End Rivets

Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	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)	In. (mm)	Lbs. (N)	Lbs. (N)
300 Series Stainless Steel Body/Stainless Steel Mandrel – Domed Head – Finish: Plain/Plain											
1/8 (3.2)	.188 (4.8)	.308 (7.8)	.032-.062 (.8-1.6)	SSD 41 SSBS	.129-.133 (3.28-3.38)	.122-.128 (3.10-3.25)	.032-.040 (0.81-1.02)	.238-.262 (6.05-6.66)	.076 (1.93)	550 (2446)	700 (3114)
	.250 (6.4)	.370 (9.4)	.063-.125 (1.6-3.2)	SSD 42 SSBS							
	.313 (8.0)	.433 (11.0)	.126-.187 (3.2-4.8)	SSD 43 SSBS							
	.375 (9.5)	.495 (12.6)	.188-.250 (4.8-6.4)	SSD 44 SSBS							
	.438 (11.1)	.558 (14.2)	.251-.312 (6.4-7.9)	SSD 45 SSBS							
	.500 (12.7)	.620 (15.8)	.313-.375 (7.9-9.5)	SSD 46 SSBS							
	.625 (15.9)	.745 (18.9)	.376-.500 (9.5-12.7)	SSD 48 SSBS							
5/32 (4.0)	.275 (7.0)	.415 (10.5)	.063-.125 (1.6-3.2)	SSD 52 SSBS	.160-.164 (4.06-4.17)	.153-.159 (3.89-4.04)	.039-.047 (0.99-1.19)	.296-.328 (7.52-8.33)	.095 (2.41)	900 (4003)	1130 (5027)
	.338 (9.9)	.478 (12.1)	.126-.187 (3.2-4.8)	SSD 53 SSBS							
	.400 (10.2)	.540 (13.7)	.188-.250 (4.8-6.4)	SSD 54 SSBS							
	.525 (13.3)	.665 (16.9)	.251-.375 (6.4-9.5)	SSD 56 SSBS							
3/16 (4.8)	.300 (7.6)	.460 (11.7)	.063-.125 (1.6-3.2)	SSD 62 SSBS	.192-.196 (4.88-4.98)	.183-.191 (4.65-4.85)	.047-.055 (1.19-1.40)	.357-.393 (9.07-9.98)	.114 (2.90)	1000 (4448)	1375 (6116)
	.425 (10.8)	.585 (14.9)	.126-.250 (3.2-6.4)	SSD 64 SSBS							
	.550 (14.0)	.710 (18.0)	.251-.375 (6.4-9.5)	SSD 66 SSBS							
	.675 (17.2)	.835 (21.2)	.376-.500 (9.5-12.7)	SSD 68 SSBS							
	.800 (20.3)	.960 (24.4)	.501-.625 (12.8-15.9)	SSD 610 SSBS							
	1.17 (29.9)	1.335 (33.9)	.876-1.000 (22.3-25.4)	SSD 616 SSBS							

POP® Brand Rivets In Appliance Applications





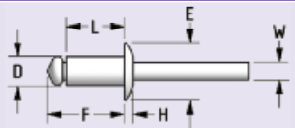
Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	 Grip Range	Rivet Part Number	 Hole Size					 Shear Strength	 Tensile Strength
						(D) Body Diameter	(H) Flange Thickness	(E) Flange Diameter	(W) Nominal Mandrel Diameter		
In. (mm)	In. (mm)	In. (mm)	In. (mm)		In. (mm)	In. (mm)	In. (mm)	In. (mm)	In. (mm)	Lbs. (N)	Lbs. (N)
300 Series Stainless Steel Body/Stainless Steel Mandrel – Large Flange – Finish: Plain/Plain											
1/8 (3.2)	.250 (6.4)	.370 (9.4)	.063-.125 (1.6-3.2)	SSD 42 SSBS LF	.129-.133 (3.28-3.38)	.122-.128 (3.10-3.25)	.034-.046 (0.86-1.17)	.360-.390 (9.14-9.91)	.076 (1.93)	550 (2446)	700 (3114)
	.313 (8.0)	.433 (11.0)	.126-.187 (3.2-4.8)	SSD 43 SSBS LF							
	.375 (9.5)	.495 (12.6)	.188-.250 (4.8-6.4)	SSD 44 SSBS LF							
5/32 (4.0)	.525 (13.3)	.665 (16.9)	.251-.375 (6.4-9.5)	SSD 56 SSBS LF	.160-.164 (4.06-4.17)	.153-.159 (3.89-4.04)	.042-.056 (1.07-1.42)	.448-.488 (11.38-12.40)	.095 (2.41)	900 (4003)	1130 (5026)
3/16 (4.8)	.425 (10.8)	.585 (14.9)	.126-.250 (3.2-6.4)	SSD 64 SSBS LF	.192-.196 (4.88-4.98)	.183-.191 (4.65-4.85)	.067-.083 (1.70-2.11)	.600-.650 (15.24-16.51)	.114 (2.90)	1000 (4448)	1375 (6116)
	.550 (14.0)	.710 (18.0)	.251-.375 (6.4-9.5)	SSD 66 SSBS LF							
	.675 (17.2)	.835 (21.2)	.376-.500 (9.5-12.7)	SSD 68 SSBS LF							
	.800 (20.3)	.960 (24.4)	.501-.625 (12.7-15.9)	SSD 610 SSBS LF							
	.925 (23.5)	1.085 (27.6)	.626-.750 (15.9-19.1)	SSD 612 SSBS LF							
Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	 Grip Range	Rivet Part Number	 Hole Size					 Shear Strength	 Tensile Strength
300 Series Stainless Steel Body/Stainless Steel Mandrel – 120° Countersunk – Finish: Plain/Plain											
1/8 (3.2)	.275 (7.0)	.370 (9.4)	.063-.125 (1.6-3.2)	SSK 42 SSBS	.129-.133 (3.28-3.38)	.122-.128 (3.10-3.25)	.051 Max (1.30)	.207-.233 (5.26-5.92)	.076 (1.93)	550 (2446)	700 (3114)
	.313 (8.0)	.433 (11.0)	.126-.187 (3.2-4.8)	SSK 43 SSBS							
	.375 (9.5)	.495 (12.6)	.188-.250 (4.8-6.4)	SSK 44 SSBS							
3/16 (4.8)	.425 (10.8)	.585 (14.9)	.126-.250 (3.2-6.4)	SSK 64 SSBS	.192-.196 (4.88-4.98)	.183-.191 (4.65-4.85)	.071 Max (1.80)	.333-.363 (8.46-9.22)	.114 (2.90)	1000 (4448)	1375 (6119)
	.675 (17.2)	.835 (21.2)	.376-.500 (9.5-12.7)	SSK 68 SSBS							

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





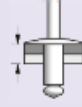

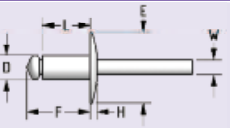




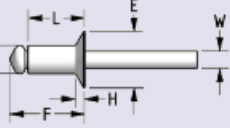


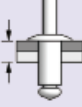

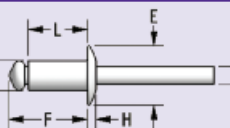


POP® Open End Rivets

Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	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)	In. (mm)	Lbs. (N)	Lbs. (N)
300 Series Stainless Steel Body/Steel Mandrel – Domed Head – Finish: Plain/Protective Coating											
1/8 (3.2)	.188 (4.8)	.308 (7.8)	.032-.062 (.8-1.6)	SSD 41 BS	.129-.133 (3.28-3.38)	.122-.128 (3.10-3.25)	.032-.040 (0.81-1.02)	.238-.262 (6.05-6.66)	.076 (1.93)	550 (2448)	700 (3115)
	.250 (6.4)	.370 (9.4)	.063-.125 (1.6-3.2)	SSD 42 BS							
	.313 (8.0)	.433 (11.0)	.126-.187 (3.2-4.8)	SSD 43 BS							
	.375 (9.5)	.495 (12.6)	.188-.250 (4.8-6.4)	SSD 44 BS							
	.438 (11.1)	.558 (14.2)	.251-.312 (6.4-7.9)	SSD 45 BS							
	.500 (12.7)	.620 (15.8)	.313-.375 (7.9-9.5)	SSD 46 BS							
	.625 (15.9)	.745 (18.9)	.376-.500 (9.5-12.7)	SSD 48 BS							
5/32 (4.0)	.275 (7.0)	.415 (10.5)	.063-.125 (1.6-3.2)	SSD 52 BS	.160-.164 (4.06-4.17)	.153-.159 (3.89-4.04)	.039-.047 (0.99-1.19)	.296-.328 (7.52-8.33)	.095 (2.41)	900 (4005)	1130 (5029)
	.400 (10.2)	.540 (13.7)	.188-.250 (4.8-6.4)	SSD 54 BS							
	.525 (13.3)	.665 (16.9)	.251-.375 (6.4-9.5)	SSD 56 BS							
3/16 (4.8)	.300 (7.6)	.460 (11.7)	.063-.125 (1.6-3.2)	SSD 62 BS	.192-.196 (4.88-4.98)	.183-.191 (4.65-4.85)	.047-.055 (1.19-1.40)	.357-.393 (9.07-9.98)	.114 (2.90)	1000 (4450)	1375 (6119)
	.425 (10.8)	.585 (14.9)	.126-.250 (3.2-6.4)	SSD 64 BS							
	.550 (14.0)	.710 (18.0)	.251-.375 (6.4-9.5)	SSD 66 BS							
	.675 (17.2)	.835 (21.2)	.376-.500 (9.5-12.7)	SSD 68 BS							
	.800 (20.3)	.960 (24.4)	.501-.625 (12.7-15.9)	SSD 610 BS							

POP® Brand Rivets In Commercial Appliance Applications

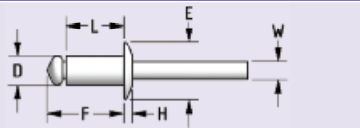




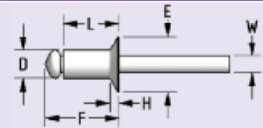
Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	 Grip Range	Rivet Part Number	 Hole Size					 Shear Strength	 Tensile Strength
						(D) Body Diameter	(H) Flange Thickness	(E) Flange Diameter	(W) Nominal Mandrel Diameter		
In. (mm)	In. (mm)	In. (mm)	In. (mm)		In. (mm)	In. (mm)	In. (mm)	In. (mm)	In. (mm)	Lbs. (N)	Lbs. (N)
300 Series Stainless Steel Body/Steel Mandrel – Large Flange – Finish: Plain/Protective Coating											
1/8 (3.2)	.250 (6.4)	.370 (9.4)	.063-.125 (1.6-3.2)	SSD 42 BS LF	.129-.133 (3.28-3.38)	.122-.128 (3.10-3.25)	.034-.046 (0.86-1.17)	.360-.390 (9.14-9.91)	.076 (1.93)	550 (2448)	700 (3115)
	.313 (8.0)	.433 (11.0)	.126-.187 (3.2-4.8)	SSD 43 BS LF							
	.375 (9.5)	.495 (12.6)	.188-.250 (4.8-6.4)	SSD 44 BS LF							
3/16 (4.8)	.800 (20.3)	.960 (24.4)	.501-.625 (12.8-15.9)	SSD 610 BS LF	.192-.196 (4.88-4.98)	.183-.191 (4.65-4.85)	.067-.083 (1.70-2.11)	.600-.650 (15.24-16.51)	.114 (2.90)	1000 (4450)	1375 (6119)
Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	 Grip Range	Rivet Part Number	 Hole Size					 Shear Strength	 Tensile Strength
						(D) Body Diameter	(H) Flange Thickness	(E) Flange Diameter	(W) Nominal Mandrel Diameter		
300 Series Stainless Steel Body/Steel Mandrel – 120° Countersunk – Finish: Plain/Protective Coating											
1/8 (3.2)	.275 (7.0)	.370 (9.4)	.063-.125 (1.6-3.2)	SSK 42 BS	.129-.133 (3.28-3.38)	.122-.128 (3.10-3.25)	.030-.050 (0.76-1.27)	.207-.233 (5.26-5.92)	.076 (1.93)	550 (2448)	700 (3115)
3/16 (4.8)	.425 (10.8)	.585 (14.9)	.126-.250 (3.2-6.4)	SSK 64 BS	.192-.196 (4.88-4.98)	.183-.191 (4.65-4.85)	.045-.055 (1.14-1.40)	.333-.363 (8.46-9.22)	.114 (2.90)	1000 (4450)	1375 (6119)
Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	 Grip Range	Rivet Part Number	 Hole Size					 Shear Strength	 Tensile Strength
						(D) Body Diameter	(H) Flange Thickness	(E) Flange Diameter	(W) Nominal Mandrel Diameter		
110 Copper Body/Steel Mandrel – Domed Head – Finish: Plain/Protective Coating											
1/8 (3.2)	.250 (6.4)	.370 (9.4)	.063-.125 (1.6-3.2)	CD 42 BS	.129-.133 (3.28-3.38)	.122-.128 (3.10-3.25)	.032-.040 (0.81-1.02)	.238-.262 (6.05-6.66)	.076 (1.93)	215 (957)	300 (1335)
	.375 (9.5)	.495 (12.6)	.188-.250 (4.8-6.4)	CD 44 BS							
	.500 (12.7)	.620 (15.8)	.313-.375 (7.9-9.5)	CD 46 BS							



POP® Open End Rivets

Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protrusion	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)	In. (mm)	Lbs. (N)	Lbs. (N)
Nickel Copper Alloy (Monel) Body/Steel Mandrel – Domed Head – Finish: Zinc/Zinc											
7/64 (2.8)	.195 (5.0)	.295 (7.5)	.020-.070 (.51-1.8)	MD 319 BS	.113-.117 (2.87-2.97)	.107-.113 (2.72-2.87)	.012-.028 (0.31-0.71)	.179-.205 (4.55-5.21)	.072 (1.83)	258 (1150)	292 (1300)
	.217 (5.5)	.317 (8.1)	.070-.090 (1.8-2.3)	MD 321 BS							
1/8 (3.2)	.242 (6.2)	.362 (9.2)	.071-.121 (3.1-4.3)	TLPD 424 BS	.130-.134 (3.3-3.4)	.124-.129 (3.16-3.28)	.028 Max (0.72)	.243 Max (6.17)	.076 (1.93)	337 (1500)	427 (1900)
	.293 (7.5)	.413 (10.5)	.121-.168 (3.1-4.3)	TLPD 429 BS							
	.352 (9.0)	.472 (12.0)	.168-.227 (4.3-5.8)	TLPD 435 BS							
	.402 (10.3)	.522 (13.3)	.227-.277 (5.8-7.1)	TLPD 440 BS							
5/32 (4.0)	.305 (7.8)	.445 (11.3)	.098-.160 (2.5-4.1)	TLPD 530 BS	.161-.165 (4.1-4.2)	.153-.161 (3.90-4.08)	.031 Max (0.80)	.272 Max (6.9)	.090 (2.29)	495 (2200)	674 (5000)
	.375 (9.5)	.511 (13.0)	.160-.228 (4.1-5.8)	TLPD 537 BS							
	.405 (10.3)	.542 (13.8)	.228-.260 (5.8-6.6)	TLPD 540 BS							
	.453 (11.5)	.590 (15.0)	.260-.311 (6.6-7.9)	TLPD 545 BS							
3/16 (4.8)	.301 (7.7)	.461 (11.7)	.090-.148 (2.3-3.8)	MD 630 BS	.192-.196 (4.88-4.98)	.185-.191 (4.70-4.85)	.025-.055 (0.64-1.40)	.300-.340 (7.62-8.64)	.114 (2.90)	742 (3300)	844 (3750)
	.363 (9.3)	.523 (13.3)	.148-.199 (3.8-5.1)	MD 636 BS							
	.391 (10.0)	.551 (14.0)	.199-.227 (5.1-5.8)	MD 639 BS							
	.500 (12.7)	.660 (16.8)	.227-.336 (5.8-8.6)	MD 650 BS							
	.645 (16.5)	.805 (20.5)	.336-.488 (8.6-12.5)	MD 665 BS							
	.742 (19.0)	.902 (22.9)	.488-.586 (12.5-15.0)	MD 675 BS							
1/4 (6.4)	.500 (12.7)	.735 (18.7)	0-.297 (0-7.6)	MD 850 BS	.257-.261 (6.53-6.63)	.251-.257 (6.38-6.53)	.038-.068 (0.97-1.73)	.402-.452 (10.21-11.48)	.152 (3.86)	1215 (5400)	1519 (6750)
	.703 (18.0)	.938 (23.8)	.297-.496 (7.6-12.7)	MD 870 BS							



Nominal Rivet Diameter	(L) Nominal Rivet Body Length	(F) Nominal Blind Side Protusion	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)	In. (mm)	Lbs. (N)	Lbs. (N)
Nickel Copper Alloy (Monel) Body/Steel Mandrel – 120° Countersunk – Finish: Zinc/Zinc											
7/64 (2.8)	.215 (5.5)	.315 (8.0)	0-.090 (0-2.3)	MK 319 BS	.113-.117 (2.87-2.97)	.107-.113 (2.72-2.87)	.018-.038 (0.46-0.97)	.179-.205 (4.55-5.21)	.072 (1.83)	258 (1150)	292 (1300)
	.234 (6.0)	.334 (8.5)	.090-.109 (2.3-2.8)	MK 321 BS							
1/8 (3.2)	.227 (5.8)	.347 (8.8)	0-.098 (0-2.5)	TLPK 419 BS	.130-.134 (3.3-3.4)	.124-.129 (3.15-3.28)	.039 Max (1.0)	.244 Max (6.2)	.076 (1.93)	337 (1500)	427 (1900)
	.273 (7.0)	.393 (10.0)	.098-.148 (2.5-3.8)	TLPK 424 BS							
	.332 (8.5)	.452 (11.5)	.148-.199 (3.8-5.1)	TLPK 429 BS							
	.391 (10.0)	.511 (13.0)	.199-.259 (5.1-6.6)	TLPK 435 BS							
	.438 (11.2)	.558 (14.2)	.259-.309 (6.6-7.9)	TLPK 440 BS							
5/32 (4.0)	.281 (7.2)	.421 (10.7)	0-.129 (0-3.3)	TLPK 524 BS	.161-.165 (4.1-4.2)	.153-.161 (3.90-4.08)	.042 Max (1.07)	.270 Max (6.86)	.090 (2.29)	495 (2200)	674 (3000)
	.340 (8.7)	.480 (12.2)	.129-.188 (3.3-4.8)	TLPK 530 BS							
	.410 (10.5)	.550 (14.0)	.188-.258 (4.8-6.6)	TLPK 537 BS							
	.441 (11.3)	.581 (14.8)	.258-.289 (6.6-7.4)	TLPK 540 BS							
3/16 (4.8)	.290 (7.4)	.450 (11.4)	0-.120 (0-3.1)	MK 624 BS	.192-.196 (4.88-4.98)	.185-.191 (4.70-4.85)	.025-.055 (0.64-1.40)	.300-.340 (7.62-8.64)	.114 (2.90)	742 (3300)	844 (3750)
	.383 (9.0)	.543 (13.8)	0-.180 (0-4.6)	MK 630 BS							
	.410 (10.5)	.570 (14.5)	.180-.227 (4.6-5.8)	MK 636 BS							
	.430 (11.0)	.590 (15.0)	.227-.259 (5.8-6.6)	MK 639 BS							
	.547 (14.0)	.707 (18.0)	.259-.367 (6.6-9.4)	MK 650 BS							
	.703 (18.0)	.863 (21.9)	.367-.516 (9.4-13.1)	MK 665 BS							
	.801 (20.5)	.961 (24.4)	.516-.617 (13.2-15.7)	MK 675 BS							