POWDER ACTUATED

300 " HEAD DRIVE PINS Standard Pins with 0.145" Shank Diameter

GENERAL INFORMATION

.300" HEAD DRIVE PINS

Standard Pins with 0.145" Shank Diameter

INTRODUCTION

Drive pins with a 0.300" diameter head are designed for permanently fastening a fixture to concrete, some types of masonry and A36 or A572 structural steel. Drive pins are manufactured with a 0.145" diameter shank in various lengths. Knurled shank designs are available to increase performance in steel base materials. A plastic flute is mounted over the point to retain the drive pin in the fastener guide of the tool providing guidance during the driving operation.

GENERAL APPLICATIONS AND USES

- Attaching Steel to Concrete, Block or Steel
- Attaching Wood members to Concrete, Block or Steel
- Attaching accessories to Concrete, Block or Steel

APPROVALS AND LISTINGS

• International Code Council, Evaluation Service (ICC-ES), ESR-2024



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.300" HEAD DRIVE PINS WITH TOP HAT



.300" HEAD DRIVE PINS WITH WASHER

SELECTION CHART GUIDE

		Dimens	ions	В	lase	9	Т	Po	we	rs 1	Гоо	ls		_		01	her	То	ols															
P	ins	Shank Length	Shank Diameter	Concrete	Lightweight Concrete	Grout-filled CMU	Steel	P1000	T1000	12201 D266	P.7201	P3500/P43500	P3600	P60	Sniper	721	M70	C4U	D45/D60/D60L	MD380	SA270	Cobra	Viper	DX E37	DX400	DXE72/DX400	DX600N	DX35	UX350/UX350/UX36M		DXA41	DX2	DX460	Approvals & Listings
	.300 Head Pin	1/2" to 1-1/2"	0.145"	•	•	•	• •	•	•		•			•	•	•	•		•	'	•	•	•			•		•	•	•	• •	•	0	ICC-ES ESR-2024
ve Pins	.300 Head Pin	1-3/4" to 3"	0.145"	•	•	o	-	•	•			•		•			•		•		•	•		•		•			•		c	•		ICC-ES ESR-2024
Head Dri [,]	.300 Head Pin w Top Hat	1/2" to 1"	0.145"	•	•	0	•	•	•		•	•		•	•	•	•		•		•	•	•			•		•	•		• •	•	0	ICC-ES ESR-2024
0.300"	.300 Head Pin w Washer	3/4" to 1-1/2"	0.145"	•	•	•	•	•	•		•			•	•	•	•		•		•	•	•	•		•		•	•		• •	•	0	ICC-ES ESR-2024
	.300 Head Pin w Washer	2" to 3"	0.145"	•	•	o	1	•	•			•	•	•			•		•		•	•		•		•			•		c	•	,	ICC-ES ESR-2024

• Suitable • May be Suitable

PERFORMANCE DATA

Ultimate Load Capacities for Powder Actuated Fasteners in Normal-Weight Concrete^{1,2,3,4,5,6}

	Minimum			Minimu	m Concrete Cor	npressive Strer	igth (f'c)		
Fastener	Embed. Depth	2,00	Opsi	3,00	Opsi	4,00	Opsi	5,00	Opsi
Description	h _v	Tension	Shear	Tension	Shear	Tension	Shear	Tension	Shear
	in.	Ibs.	Ibs.	Ibs.	Ibs.	Ibs.	Ibs.	Ibs.	Ibs.
	(mm)	(kN)	(kN)	(kN)	(kN)	(kN)	(kN)	(kN)	(kN)
	5/8	300	475	300	475	300	475	300	475
	(15.9)	(1.3)	(2.1)	(1.3)	(2.1)	(1.3)	(2.1)	(1.3)	(2.1)
	3/4	300	475	475	625	475	625	500	625
	(19.1)	(1.3)	(2.1)	(2.1)	(2.8)	(2.1)	(2.8)	(2.2)	(2.8)
0.300" Head Drive Pin	1	500	700	650	775	775	775	870	1,000
(0.145" Shank)	(25.4)	(2.2)	(3.1)	(2.9)	(3.4)	(3.4)	(3.4)	(3.9)	(4.4)
	1-1/4	550	775	775	825	975	825	1,175	1,000
	(31.8)	(2.4)	(3.4)	(3.4)	(3.7)	(4.3)	(3.7)	(5.2)	(4.4)
	1-1/2	575	875	900	875	1,175	1,175	1,450	1,000
	(38.1)	(2.6)	(3.9)	(4)	(3.9)	(5.2)	(5.2)	(6.4)	(4.4)

1. Fasteners must not be driven until the concrete has reached the minimum designated compressive strength.

2. The tabulated tension and shear values are for the fasteners only. Steel or wood members connected with the substrate must be investigated for compliance with the applicable code.

3. Allowable load capacities are calculated using minimum required factors of safety in accordance with ICC-ES AC70; the minimum applied factor of safety is 5.0 or greater. Consideration of additional safety factors may be necessary depending on the application such as life safety.

4. Concrete member thickness must be a minimum of three times the fastener embedment depth.

5. Fasteners must have a minimum spacing distance of 3 inches and a minimum edge distance of 3 inches in accordance with ASTM E 1190. Consideration of smaller spacing and edge distances may be given based on application or jobsite testing.

6. Multiple fasteners are recommended for any attachment for increased reliability.

Allowable Load Capacities for Powder Actuated Fasteners in Normal-Weight Concrete^{1,2,3,4,5,6}

	Minimum			Minimu	n Concrete Con	npressive Stren	gth (f'c)		
Fastener	Embed. Depth	2,00	0psi	3,00	0psi	4,00	0psi	5,00	0psi
Description	h́v	Tension	Shear	Tension	Shear	Tension	Shear	Tension	Shear
	in.	Ibs.	lbs.	Ibs.	Ibs.	Ibs.	lbs.	Ibs.	Ibs.
	(mm)	(kN)	(kN)	(kN)	(kN)	(kN)	(kN)	(kN)	(kN)
	5/8	25	45	60	95	45	95	25	95
	(15.9)	(0.1)	(0.2)	(0.3)	(0.4)	(0.2)	(0.4)	(0.1)	(0.4)
	3/4	60	95	95	125	95	125	100	125
	(19.1)	(0.3)	(0.4)	(0.4)	(0.6)	(0.4)	(0.6)	(0.4)	(0.6)
0.300" Head Drive Pin	1	100	140	130	155	155	155	180	200
(0.145" Shank)	(25.4)	(0.4)	(0.6)	(0.6)	(0.7)	(0.7)	(0.7)	(0.8)	(0.9)
	1-1/4	110	155	155	165	195	165	235	200
	(31.8)	(0.5)	(0.7)	(0.7)	(0.7)	(0.9)	(0.7)	(1)	(0.9)
	1-1/2	115	175	180	175	235	175	290	200
	(38.1)	(0.5)	(0.8)	(0.8)	(0.8)	(1)	(0.8)	(1.3)	(0.9)

1. Fasteners must not be driven until the concrete has reached the minimum designated compressive strength.

2. The tabulated tension and shear values are for the fasteners only. Steel or wood members connected with the substrate must be investigated for compliance with the applicable code.

3. Allowable load capacities are calculated using minimum required factors of safety in accordance with ICC-ES AC70; the minimum applied factor of safety is 5.0 or greater. Consideration of additional safety factors may be necessary depending on the application such as life safety.

4. Concrete member thickness must be a minimum of three times the fastener embedment depth.

5. Fasteners must have a minimum spacing distance of 3 inches and a minimum edge distance of 3 inches in accordance with ASTM E 1190. Consideration of smaller spacing and edge distances may be given based on application or jobsite testing.

6. Multiple fasteners are recommended for any attachment for increased reliability.

Ultimate and Allowable Load Capacities for Powder Actuated Fasteners in Lightweight Concrete and Sand-Lightweight Concrete With or Without Steel Deck^{1,2,3,8}

					Minimu	m Concret	e Compress	sive Streng	jth, f 'c = 3,	,000 psi			
	Minimum Embed.	C	Directly into	o Concrete	1,5			Through So	offit of Stee (3-inch De	el Deck Int ep Profile)	o Concrete		
Fastener	Depth						Upper	Flute ^{6,7}			Lower	Flute ^{6,7}	
Description	in.	Ten	sion	Sh	ear	Ten	sion	She	ear	Ten	sion	Sho	ear
	(mm)	Ultimate Ibs (kN)	Allowable Ibs (kN)	Ultimate Ibs (kN)	Allowable Ibs (kN)	Ultimate Ibs (kN)	Allowable lbs (kN)	Ultimate Ibs (kN)	Allowable Ibs (kN)	Ultimate Ibs (kN)	Allowable lbs (kN)	Ultimate Ibs (kN)	Allowable lbs (kN)
	3/4 (19)	445 (2.0)	70 (0.3)	465 (2.1)	70 (0.3)	375 (1.7)	75 (0.3)	675 (3.0)	135 (0.6)	350 (1.6)	70 (0.3)	600 (2.7)	120 (0.5)
	7/8 (22)	675 (3.0)	135 (0.6)	725 (3.2)	145 (0.6)	625 (2.8)	125 (0.6)	1,075 (4.8)	215 (1.0)	475 (2.1)	95 (0.4)	1,025 (4.6)	205 (0.9)
0.300 Head Drive Pin (0.145 Shank)	1 (25)	1,000 (4.4)	200 (0.9)	1,075 (4.8)	215 (1.0)	875 (3.9)	175 (0.8)	1,450 (6.4)	290 (1.3)	600 (2.7)	120 (0.5)	1,450 (6.4)	290 (1.3)
(U. 140 SHdHK)	1-1/4 (32)	1,250 (5.6)	250 (1.1)	1,525 (6.8)	305 (1.4)	1,400 (6.2)	280 (1.2)	1,700 (7.6)	340 (1.5)	950 (4.2)	190 (0.8)	1,700 (7.6)	340 (1.5)
	1-1/2 (38)	1,700 (7.6)	340 (1.5)	1,875 (8.3)	375 (1.7)	1,400 (6.2)	280 (1.2)	1,900 (8.5)	380 (1.7)	1,175 (5.2)	235 (1.0)	1,900 (8.5)	380 (1.7)

1. Fasteners must not be driven until the concrete has reached the minimum designated compressive strength. For a concrete compressive strength of 4,000 psi, the tabulated allowable loads may be increased by 12 percent.

The tabulated tension and shear values are for the fasteners only. Steel or wood members connected with the substrate must be investigated for compliance with the applicable code.
Allowable load capacities are calculated using minimum required factors of safety in accordance with ICC-ES AC70; the minimum applied factor of safety is 5.0 or greater. Consideration

of additional safety factors may be necessary depending on the application such as life safety.

4. For fasteners installed directly into concrete, the member thickness must be a minimum of 3.25 inches. Tabulated values are also applicable to the tops of concrete-filled steel deck profiles.

5. Fasteners must have a minimum spacing distance of 3 inches and a minimum edge distance 3 inches in accordance with ASTM E 1190. Consideration of smaller spacing and edge distances may be given based on application or jobsite testing.

6. For fasteners installed into the upper flute of the steel deck profile, the concrete thickness above the deck (topping thickness) must be a minimum of 3.25 inches. For fasteners installed into the lower flute of the steel deck profile, the concrete thickness above the deck (topping thickness) must be a minimum of 2.25 inches.

7. Fasteners installed into the steel deck profile must have a minimum spacing distance of 4 inches (upper and lower flute) and a minimum edge distance of 1-1/8 inches (lower flute); there is no minimum edge distance requirement for fasteners installed in the upper flute. Consideration of smaller spacing distances may be given based on application or jobsite testing.

8. Embedment is measured from the surface of the steel deck; the steel deck panel must have a base-metal thickness of 0.030-inch (22 gage) to 0.048-inch (18 gage). Consideration for the thickness of the material fastened to the base material must be given to achieve the required embedment for the fasteners.

9. Multiple fasteners are recommended for any attachment for increased reliability.

Ultimate and Allowable Load Capacities for Powder Actuated Fasteners used to Install Wood Sill Plates into Normal-Weight Concrete^{1,2,3,4,5,6,7,8,9}

			Minimum	Concrete Compres	sive Strength, f 'c =	2,000 psi	
	Minimum Embedment	Terr	-i	Load Perpend	icular to Edge	Load Paral	lel to Edge
Fastener Description	Depth hv	Ten	sion	Ten	sion	She	ear
	in. (mm)	Ultimate Ibs. (kN)	Allowable lbs. (kN)	Ultimate Allowable Ibs. Ibs. (kN) (kN)		Ultimate Ibs. (kN)	Allowable lbs. (kN)
0.300 Head Drive Pin (0.145 Shank)	1-1/2 (38)	625 (2.8)	125 (0.6)	750 (3.3)	150 (0.7)	1,150 (5.1)	230 (1.0)

1. Fasteners must not be driven until the concrete has reached the minimum designated compressive strength.

2. The tabulated tension and shear values are for the fasteners only. Wood members connected with the substrate must be investigated for compliance with the applicable code.

3. Allowable load capacities are calculated using minimum required factors of safety in accordance with ICC-ES AC70; the minimum applied factor of safety is 5.0 or greater. Consideration of additional safety factors may be necessary depending on the application such as life safety.

4. Concrete member thickness must be a minimum of three times the fastener embedment depth.

5. Fasteners must have a minimum spacing distance of 3 inches and a minimum edge distance of 1-3/4 inches.

6. Minimum nominal washer size is 7/8 inch; minimum washer bearing area is 0.55 inch².

7. Fastener bending yield strength (F_{yb}) is 90,000 psi and dowel bearing strength (F_e) is 7,500 psi.

8. For interior nonstructural walls, fasteners must be placed at 6 inches from ends of the sill plates with a maximum fastener spacing of 3 feet which is applicable to a maximum wall height of 14 feet in accordance with ICC-ES AC70. Interior nonstructural walls are limited to locations where bearing walls, shear walls or braced walls are not required by the approved plans. Other attachments including perimeter anchorage must be investigated for compliance with the applicable code using the tabulated and noted information.

9. Multiple fasteners are recommended for any attachment for increased reliability.

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NCE DAIA		-	FASTENING INNOVATIO
Ultimate a	nd Allov	vable Load Capacities for Powder Actuated Fasteners in Masonry ^{1,2,3,}	9,10
		Minimum Masonry Compressive Strength, f 'c = 1,500 psi	

Powel

					Minim	um Masonr	y Compres	sive Streng	th, $f'c = 1,$	500 psi			
	_Min.		Hollow	/ CMU ^{4,5}				Grout	t-filled Con	crete Maso	nry ^{6,7,8}		
Fastener	Embed. Depth		Cell	Face			Cell	Face			Morta	r Joint	
Description	Åv in.	Ten	sion	Sh	ear	Ten	sion	Sh	ear	Ten	sion	Sh	ear
	(mm)	Ultimate Ibs. (kN)	Allowable Ibs (kN)										
0.300 Head Drive Pin (0.145 Shank)	1 (25)	280 (1.2)	35 (0.2)	475 (2.1)	95 (0.4)	520 (2.3)	65 (0.3)	575 (2.6)	115 (0.5)	440 (2.0)	55 (0.2)	600 (2.7)	120 (0.5)

1. Fasteners must not be driven until the masonry has reached the minimum designated compressive strength. Concrete masonry must be minimum 8-inch wide, minimum Grade N, Type II, lightweight, medium-weight or normal-weight units conforming to ASTM C90. Mortar must be minimum Type N.

2. The tabulated tension and shear values are for the fasteners only. Steel or wood members connected with the substrate must be investigated for compliance with the applicable code.

3. Allowable load capacities are calculated using minimum required factors of safety in accordance with ICC-ES AC70; the minimum applied factor of safety is 5.0 or greater. Consideration of additional safety factors may be necessary depending on the application such as life safety.

4. Fasteners installed into the face or end of hollow CMU must have a minimum end distance of 3-3/4 inches. No more than one fastener may be installed in an individual hollow concrete masonry unit cell.

5. For installations into hollow CMU walls, fasteners may not be placed into the mortar joint.

6. Fasteners installed into grout-filled concrete masonry must have a minimum spacing distance of 4 inches and a minimum edge distance 3-3/4 inches.

7. For installations into grout-filled concrete masonry walls, fasteners may be placed into the bed joint (horizontal mortar joint) provided the fasteners have a minimum spacing distance of 8 inches along the bed joint and have a minimum edge distance of 8 inches.

8. Installations directly into the head joint (vertical mortar joint) and within 1-1/2 inch of the head joint is not recommended and must not be permitted.

9. Multiple fasteners are recommended for any attachment for increased reliability.

10. Successful fastening into the face shell of hollow CMU and into the horizontal mortar joint is typically conducted with the lightest powder load level.

Ultimate and Allowable Load Capacities for Powder Actuated Fasteners in ASTM A36 Steel^{1,2,3,5,6}

					No	minal Steel 1	Thickness (inc	:h)			
Fastener	Load	1/	8	3/1	16	1/	4	3/	8	1/2	2 ⁴
Description	Capacity	Tension Ibs. (kN)	Shear Ibs. (kN)	Tension lbs. (kN)	Shear Ibs. (kN)	Tension lbs. (kN)	Shear Ibs. (kN)	Tension lbs. (kN)	Shear Ibs. (kN)	Tension lbs. (kN)	Shear Ibs. (kN)
0.300 Head	Ultimate	1,100	990	1,705	3,050	2,240	2,800	2,600	3,025	2,650	2,875
Drive Pin		(4.9)	(4.4)	(7.6)	(13.6)	(10.0)	(12.5)	(11.6)	(13.5)	(11.8)	(12.8)
(0.145	Allowable	220	200	340	610	445	560	520	605	490	575
Knurled Shank)		(1.0)	(0.9)	(1.5)	(2.7)	(2.0)	(2.5)	(2.3)	(2.7)	(2.2)	(2.6)
0.300 Head	Ultimate	865	1,325	1,775	2,825	2,050	2,800	2,410	2,620	1,970	2,600
Drive Pin		(3.8)	(5.9)	(7.9)	(12.6)	(9.1)	(12.5)	(10.7)	(11.7)	(8.8)	(11.6)
(0.145	Allowable	170	265	355	565	410	560	465	390	390	520
Smooth Shank)		(0.8)	(1.2)	(1.6)	(2.5)	(1.8)	(2.5)	(2.1)	(1.7)	(1.7)	(2.3)

1. Fastener capacities are based on the base steel with a minimum yield strength (F_v) of 36 ksi and a minimum ultimate tensile strength (F_u) of 58 ksi. The pointed portion of the fastener must penetrate the steel member unless otherwise noted.

2. The tabulated tension and shear values are for the fasteners only. Steel or wood members connected to the steel substrate must be investigated for compliance with the applicable code.

Allowable load capacities are calculated using minimum required factors of safety in accordance with ICC-ES AC70; the minimum applied factor of safety is 5.0 or greater. Consideration 3. of additional safety factors may be necessary depending on the application such as life safety.

4. The fasteners must be embedded a minimum of 0.50 inch into the steel; fastener point penetration through the steel is not necessary provided the minimum embedment is achieved.

5. Fasteners must have a minimum spacing distance of 1-1/2 inches and a minimum edge distance of 1/2 inch in accordance with ASTM E 1190. Consideration of smaller spacing distances may be given based on application or jobsite testing.

6. Multiple fasteners are recommended for any attachment for increased reliability.

Ultimate and Allowable Tensile Pullover Capacities for Light Steel Framing with Powder Actuated Fasteners^{12,3}

		Ν	/linimum Thic	kness of Shee	et Steel or Fra	ming Membe	er		
16 0	iage	18 0	iage	20 0	iage	22 0	iage	25 0	iage
Ultimate Ibs (kN)	Allowable lbs (kN)	Ultimate Ibs (kN)	Allowable lbs (kN)	Ultimate Ibs (kN)	Allowable lbs (kN)	Ultimate Ibs (kN)	Allowable lbs (kN)	Ultimate Ibs (kN)	Allowable lbs (kN)
790 (3.6)	160 (0.7)	790 (3.6)	160 (0.7)	790 (3.6)	160 (0.7)	645 (2.9)	130 (0.6)	500 (2.3)	100 (0.5)
-	-	1,470 (6.6)	295 (1.3)	1,050 (4.7)	210 (0.9)	730 (3.3)	145 (0.7)	415 (1.9)	85 (0.4)
	16 C Ultimate Ibs (kN) 790 (3.6) -	I6 Gage Ultimate Ibs (kN) Allowable Ibs (kN) 790 (3.6) 160 (0.7) - -	N 16 Gage 18 G Ultimate lbs (kN) Allowable lbs (kN) Ultimate lbs (kN) 790 (3.6) 160 (0.7) 790 (3.6) - - 1,470 (6.6)	Minimum Thick 16 Gage 18 Gage Ultimate lbs (kN) Allowable lbs (kN) Ultimate lbs (kN) Allowable lbs (kN) 790 (3.6) 160 (0.7) 790 (3.6) 160 (0.7) - - 1,470 (6.6) 295 (1.3)	Minimum Thickness of Shee 16 Gage 18 Gage 20 G Ultimate Ibs (kN) Allowable Ibs (kN) Ultimate Ibs (kN) Allowable Ibs (kN) Ultimate Ibs (kN) 790 (3.6) 160 (0.7) 790 (3.6) 160 (0.7) 790 (3.6) 790 (3.6) - - 1,470 (6.6) 295 (1.3) 1,050 (4.7)	Minimum Thickness of Sheet Steel or Fra 16 Gage 18 Gage 20 Gage Ultimate Ibs (kN) Allowable Ibs (kN) Ultimate Ibs (kN) Allowable Ibs (kN) Allowable Ibs (kN) 790 (3.6) 160 (0.7) 790 (3.6) 160 (0.7) 790 (3.6) 160 (0.7) 790 (3.6) 160 (0.7) - - 1,470 (6.6) 295 (1.3) 1,050 (4.7) 210 (0.9)	Minimum Thickness of Sheet Steel or Framing Member 16 Gage 18 Gage 20 Gage 22 G Ultimate Ibs (kN) Allowable Ibs (kN) Ultimate Ibs (kN) Allowable Ibs (kN) Ultimate Ibs (kN) Allowable Ibs (kN) Ultimate Ibs (kN) Ultimate Ibs (kN) 790 (3.6) 160 (0.7) 790 (3.6) 160 (0.7) 790 (3.6) 160 (0.7) 645 (2.9) - 1,470 (6.6) 295 (1.3) 1,050 (4.7) 210 (0.9) 730 (3.3)	Minimum Thickness of Sheet Steel or Framing Member 16 Gage 22 Gage Ultimate libs (kN) Allowable libs (kN) Allowable libs (kN) Ultimate libs (kN) Allowable libs (kN) Ultimate libs (kN) Allowable libs (kN)<	Minimum Thickness of Sheet Steel or Framing Member 16 Gage 20 Gage 22 Gage 25 G Ultimate Ibs (kN) Allowable Ibs (kN) Ultimate Ibs (kN) Allowable (kN) Allowable (kN) Allowable (kN) Allowable (lbs (0.6) Allowable (lbs (0.7)

1. Tabulated allowable pullover load values were tested in accordance with ICC-ES AC70 and are based on an applied safety factor of 5.0.

2. Allowable pullover capacities of sheet steel or framing member should be compared to the fastener tensile load capacities in concrete, steel and masonry to determine the controlling resistance load

For pins with washer assemblies, the washer thickness is 14 gage minimum. 3

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POWDER ACTUATED

ORDERING INFORMATION



.300" Head Drive Pins

Cat.No.	Shank Length	Shank Diameter	Std. Box	Std. Carton
50012-PWR	1/2" (K)	0.145"	100	5,000
50016-PWR	5/8" (K)	0.145"	100	5,000
50022-PWR	3/4"	0.145"	100	5,000
50023-PWR	3/4" Black	0.145"	100	5,000
50026-PWR	1"	0.145"	100	5,000
50032-PWR	1-1/4"	0.145"	100	1,000
50034-PWR	1-1/2"	0.145"	100	1,000
50038-PWR	2"	0.145"	100	1,000
50040-PWR	2-1/4"	0.145"	100	1,000
50044-PWR	2-1/2"	0.145"	100	1,000
50048-PWR	3"	0.145"	100	1,000
(K) = knurled				



.300" Head Drive Pins with Top Hat

Cat.No.	Shank Length	Shank Diameter	Std. Box	Std. Carton
50136-PWR	1/2" (K)	0.145"	100	5,000
50138-PWR	5/8" (K)	0.145"	100	5,000
50140-PWR	3/4"	0.145"	100	5,000
(K) = knurled				



.300" Head Drive Pins with 3/4" Washer

Cat.No.	Shank Length	Shank Diameter	Std. Box	Std. Carton
50070-PWR	3/4"	0.145"	100	1,000
50080-PWR	2-1/2"	0.145"	100	5,000



.300" Head Drive Pins with 7/8" Washer

Cat.No.	Shank Length	Shank Diameter	Std. Box	Std. Carton
50090-PWR	1"	0.145"	100	1,000
50092-PWR	1-1/4"	0.145"	100	1,000
50094-PWR	1-1/2"	0.145"	100	1,000
50096-PWR	2"	0.145"	100	1,000
50098-PWR	2-1/2"	0.145"	100	1,000
50100-PWR	3"	0.145"	100	1,000



.300" Head Drive Pins with 1" Washer

Cat.No.	Shank Length	Shank Diameter	Std. Box	Std. Carton
50108-PWR	1-1/4"	0.145"	100	1,000
50110-PWR	1-1/2"	0.145"	100	1,000
50112-PWR	2"	0.145"	100	1,000
50114-PWR	2-1/4"	0.145"	100	1,000
50116-PWR	3"	0.145"	100	1 000



.300" Head Drive Pins (Mechanically Galvanized)

Cat.No.	Shank Length	Head Dia.	Shank Dia.	Std. Box	Std. Carton
50034MG-PWR	1-1/2"	0.300"	0.145"	1000	5000
50038MG-PWR	2"	0.300"	0.145"	1000	5000
50045MG-PWR	2-1/2"	0.300"	0.145"	1000	5000
50047MG-PWR	3"	0.300"	0.145"	1000	5000



.300" Head Drive Pins with 1" washer (Mechanically Galvanized)

Cat.No.	Shank Length	Head Dia.	Shank Dia.	Std. Box	Std. Carton
50110MG-PWR	1-1/2"	0.300"	0.145"	1000	5000
50112MG-PWR	2"	0.300"	0.145"	1000	5000
50113MG-PWR	2-1/2"	0.300"	0.145"	1000	5000
50115MG-PWR	3"	0.300"	0.145"	1000	5000

Powers Mechanically Galvanized (MG) Powder Actuated Fasteners are designed for fastening through pressure treated lumber into concrete and grout filled masonry. The fasteners are available with a round washer for increased pullover resistance.

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