



Specifications:

- Includes closure and end caps unless otherwise requested.
- P3280 end cap used with distance to first anchor is up to 2" (51 mm).
- P3704 end cap is used when end distance to first anchor is over 2" (51 mm).
- Nail or anchor inserts to forms every 16" (406.4 mm) to 24" (609.6 mm).
- Anchors are 8" (203.3 mm) on center.

Design Loads:

- Design loads, where shown, are based on 3,000 PSI concrete, unless noted.
- Safety factor = 3.0.

Options:

- "NC" Suffix - No Closure Strip, with End Caps & Back Plates
- "WC" Suffix - With Closure Strip, End Caps & Back Plates
- "X" Suffix - No Closure Strip, no End Caps, with Back Plates

Materials & Finishes - Standard:

- Pregalvanized (PG):** Conforms to ASTM A653 SS GR 33, G90.
- Unistrut Defender (DF):** Conforms to ASTM A1046 SS GR 33
- Hot Dip Galvanized (HG):** Steel conforms to ASTM A1011 SS GR 33, Finish conforms to ASTM A123
- Perma-Green (GR):** Steel conforms to ASTM A1011 SS GR 33, E-Coat finish
- Perma-Gold (ZD):** Steel conforms to ASTM A1011 SS GR 33, Finish conforms to ASTM B633, Type II SC3
- Plain (PL):** Conforms to ASTM A1011 SS GR 33

Materials & Finishes - Special Metals:

- Stainless Steel, Type 304 (SS):** ASTM A240, Type 304 *
- Stainless Steel, Type 316 (ST):** ASTM A240, Type 316 *
- Aluminum (EA):** ASTM B221, Type 6063-T6 (Extruded) *

* These materials have different physical properties and performance characteristics. Please contact us for design support.

P3254 thru P3270 - 12 Gauge Concrete Insert (Channel Style)

Atkore's P3200 Series Concrete Insert is ideal for anchoring structures and supports to concrete. This product allows easy installation before the concrete is poured, and attachment anywhere along its length using 1-5/8" Fittings, Channel Nuts or other Atkore products. It is perfect for applications that may need to be re-configured or re-anchored.

Features

- Used for anchorage on ceilings, floors or walls. Ideal for applications with cracked concrete concerns. Avoids the creation of Silica Dust during installation (see OSHA 29 CFR §1926.1153 and 29 CFR §1910.1053). OPA approved for seismic bracing application
- Channel dimensions are 1 5/8" wide x 1 3/8" deep x 12 ga. thick. Embedment tabs are spaced at 8" O.C. with an embedment depth of 2-7/8". May be supplied with Back Plates, End Caps and a Closure Strip to prevent concrete seepage into the channel.
- Up to 2,000 lbs capacity
- Our P3200 Series is available in Pre-Galvanized (PG), Hot-Dip Galvanized (HG), Plain (PL), and Stainless Steel (SS).
- Options: "NC" Suffix - No Closure Strip, with End Caps & Back Plates. "WC" Suffix - With Closure Strip, End Caps & Back Plates. "X" Suffix - No Closure Strip, no End Caps, with Back Plates
- Includes closure and end caps unless otherwise requested.
- P3280 end cap used with distance to first anchor is up to 2" (51 mm).
- P3704 end cap is used when end distance to first anchor is over 2" (51 mm).
- Nail or anchor inserts to forms every 16" (406.4 mm) to 24" (609.6 mm).
- Anchors are 8" (203.3 mm) on center.



Catalog Number	Gauge	Material Type	Surface Finish	Part Weight (lb/ea)	Part Weight (lb/ft)	Standard Package Weight (lb)
P3254WC HG	12	Steel	Hot-Dip Galvanized	2.67		53.32
P3254X HG	12	Steel	Hot-Dip Galvanized	2.67		53.32
P3254NC PG	12	Steel	Pre-Galvanized	2.7		54
P3254X PG	12	Steel	Pre-Galvanized	2.45		61.25
P3254WC PG	12	Steel	Pre-Galvanized	2.7		54
P3254X PL	12	Steel	Plain/Oil	2.45		61.25
P3255X HG	12	Steel	Hot-Dip Galvanized	3.45		69
P3255WC HG	12	Steel	Hot-Dip Galvanized	3.17		3.17
P3255WC PG	12	Steel	Pre-Galvanized	3.89		77.88
P3255NC PG	12	Steel	Pre-Galvanized	3.89		77.88
P3255X PG	12	Steel	Pre-Galvanized	3.57		35.7
P3255X PL	12	Steel	Plain/Oil	3.4		68
P3256WC HG	12	Steel	Hot-Dip Galvanized	3.99		79.8
P3256X HG	12	Steel	Hot-Dip Galvanized	3.85		77
P3256WC PG	12	Steel	Pre-Galvanized	3.85		77
P3256X PL	12	Steel	Plain/Oil	3.8		76
P3257X HG	12	Steel	Hot-Dip Galvanized	5.3		106
P3257WC HG	12	Steel	Hot-Dip Galvanized	5.27		105.4
P3257X PG	12	Steel	Pre-Galvanized	5.27		52.7
P3257WC PG	12	Steel	Pre-Galvanized	12.98		259.6
P3257X PL	12	Steel	Plain/Oil	5.27		105.4
P3257AWC HG	12	Steel	Hot-Dip Galvanized	2.27		45.4
P3257AX HG	12	Steel	Hot-Dip Galvanized	6.16		123.2
P3257AX PG	12	Steel	Pre-Galvanized	6.16		123.2
P3257AWC PG	12	Steel	Pre-Galvanized	6.16		123.2
P3257AX PL	12	Steel	Plain/Oil	6.16		123.2
P3257AX SS	12	Stainless Steel - 304		6.16		123.2
P3258WC HG	12	Steel	Hot-Dip Galvanized	5.67		113.34
P3258X HG	12	Steel	Hot-Dip Galvanized	6.61		132.2
P3258WC PG	12	Steel	Pre-Galvanized	5.67		113.34
P3258X PL	12	Steel	Plain/Oil	6.61		132.2
P3259WC HG	12	Steel	Hot-Dip Galvanized	19.47		389.4
P3259X HG	12	Steel	Hot-Dip Galvanized	7.86		196.5
P3259X PG	12	Steel	Pre-Galvanized	7.86		196.5
P3259WC PG	12	Steel	Pre-Galvanized	7.86		157.2
P3259WC PL	12	Steel	Plain/Oil	19.47		389.4
P3259X PL	12	Steel	Plain/Oil		1.9	38
P3259X SS	12	Stainless Steel - 304		7.86		196.5
P3260X HG	12	Steel	Hot-Dip Galvanized	10.03		250.75
P3260WC HG	12	Steel	Hot-Dip Galvanized	10.03		200.6
P3260WC PG	12	Steel	Pre-Galvanized	10.03		200.6
P3260X PG	12	Steel	Pre-Galvanized	10.03		250.75
P3260X PL	12	Steel	Plain/Oil	10.03		250.75
P3261WC HG	12	Steel	Hot-Dip Galvanized	11.73		293.25
P3261X HG	12	Steel	Hot-Dip Galvanized	11.73		293.25
P3261WC PG	12	Steel	Pre-Galvanized	11.73		293.25



Catalog Number	Gauge	Material Type	Surface Finish	Part Weight (lb/ea)	Part Weight (lb/ft)	Standard Package Weight (lb)
P3261X PG	12	Steel	Pre-Galvanized	11.73		117.3
P3261X PL	12	Steel	Plain/Oil	11.73		293.25
P3262WC HG	12	Steel	Hot-Dip Galvanized	11.9		297.5
P3262X HG	12	Steel	Hot-Dip Galvanized	13.9		278
P3262WC PG	12	Steel	Pre-Galvanized	13.9		278
P3262X PL	12	Steel	Plain/Oil		1.9	38
P3263X HG	12	Steel	Hot-Dip Galvanized	14.9		372.5
P3263WC HG	12	Steel	Hot-Dip Galvanized	14.9		298
P3263X PG	12	Steel	Pre-Galvanized	14.9		298
P3263WC PG	12	Steel	Pre-Galvanized	15.6		312
P3263X PL	12	Steel	Plain/Oil	14.9		372.5
P3263X SS	12	Stainless Steel - 304		14.9		298
P3263WC SS	12	Stainless Steel - 304		15.6		312
P3264X PG	12	Steel	Pre-Galvanized	17.41		348.2
P3264WC PG	12	Steel	Pre-Galvanized	19.47		486.75
P3265X HG	12	Steel	Hot-Dip Galvanized	19.47		486.75
P3265WC HG	12	Steel	Hot-Dip Galvanized	19.47		486.75
P3265WC PG	12	Steel	Pre-Galvanized	19.47		389.4
P3265X PG	12	Steel	Pre-Galvanized	19.47		486.75
P3265NC PG	12	Steel	Pre-Galvanized	19.47		486.75
P3265AWC PG	12	Steel	Pre-Galvanized	18.7		374
P3265X PL	12	Steel	Plain/Oil	19.47		486.75
P3265WC PL	12	Steel	Plain/Oil	19.47		486.75
P3266X HG	12	Steel	Hot-Dip Galvanized		1.94	48.5
P3266WC HG	12	Steel	Hot-Dip Galvanized	23.34		583.5
P3266X PG	12	Steel	Pre-Galvanized	23.34		583.5
P3266WC PG	12	Steel	Pre-Galvanized	23.34		583.5
P3266 PL	12	Steel	Plain/Oil	23.34		583.5
P3266X PL	12	Steel	Plain/Oil	23.28		582
P3266WC PL	12	Steel	Plain/Oil	23.34		583.5
P3266WC SS	12	Stainless Steel - 304		23.34		466.8
P3266X SS	12	Stainless Steel - 304		23.34		233.4
P3267X HG	12	Steel	Hot-Dip Galvanized	23.8		595
P3267WC HG	12	Steel	Hot-Dip Galvanized	23.34		466.8
P3267WC PG	12	Steel	Pre-Galvanized	23.34		583.5
P3267X PG	12	Steel	Pre-Galvanized	23.8		595
P3267AWC PG	12	Steel	Pre-Galvanized	25.5		510
P3267X SS	12	Stainless Steel - 304		23.8		595
P3268WC HG	12	Steel	Hot-Dip Galvanized	27.2		544
P3268X HG	12	Steel	Hot-Dip Galvanized	27.2		544
P3268WC PG	12	Steel	Pre-Galvanized	27.2		544
P3268X PL	12	Steel	Plain/Oil	27.2		544
P3269WC PG	12	Steel	Pre-Galvanized	30.06		601.2
P3270X HG	12	Steel	Hot-Dip Galvanized		1.7	42.5
P3270WC HG	12	Steel	Hot-Dip Galvanized	34		680
P3270WC PG	12	Steel	Pre-Galvanized	34		680



Catalog Number	Gauge	Material Type	Surface Finish	Part Weight (lb/ea)	Part Weight (lb/ft)	Standard Package Weight (lb)
P3270X PG	12	Steel	Pre-Galvanized		1.7	42.5
P3270X PL	12	Steel	Plain/Oil		1.9	47.5
P3270WC PL	12	Steel	Plain/Oil	34		680
P3270X ST	12	Stainless Steel - 316			1.7	42.5