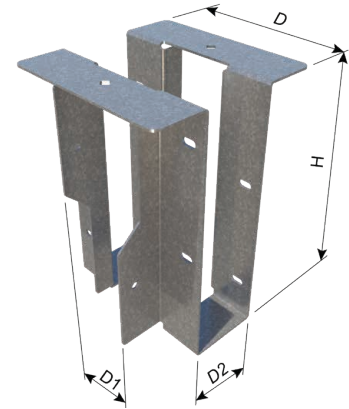


Purlin Hangers

Designed specifically for agricultural and post-frame use with superior performance and easy installation. All of the hangers offer multiple installation methods, giving users maximum flexibility. Double-shear and straight nailing options available. Placement tooth or placement nail options for simplified installation.



MATERIAL SPECIFICATIONS

- Gauge:** 18ga (43mil)
- Design Thickness:** 0.0451 inches
- Coating:** G90 (Z275) hot-dipped galvanized coating
- Yield Strength:** Structural Grade 50 Type H (ST50H), 50ksi (340 MPa)

PRODUCT DIMENSIONS

- D1:** 1-3/4"
- D2:** 1-9/16"
- H:** 1-9/16"
- D:** 1-9/16"

INSTALLATION

- Use all specified fasteners indicated in the table.
- 3" nails must be driven at a 45 degree angle through the purlin into the header. Combine with top and face nails to achieve the table loads.
- 1-1/2" nails must be driven into the purlin at 90 degrees. Combine with top and face nails to achieve the table loads.



CDPHD Installation

Purlin Hangers (CDPHD)

ASTM D7147 > 2015 Codes																					
Product Code	Overall Dimensions (in)		Load Type	Nailing Schedule	Common Nail Type Fasteners			Allowable Loads (lbs)													
	Header Top Flange				Size	Joist Qty.	Header Qty.	Spruce Pine-Fir (0.42 Specific Gravity)				Douglas Fir-Larch (0.50 Specific Gravity)				Southern Pine (0.55 Specific Gravity)					
	TFW	TFB						1.00	1.15	1.25	1.60	1.00	1.15	1.25	1.60	1.00	1.15	1.25	1.60		
CDPHD26	1	1-9/16 (3-1/4) [1-13/16]	Downward	Standard	2-10dx1.5"	2-10dx1.5"	4-10dx1.5"	515	515	515	515	680	680	680	680	780	780	780	780		
				Enhanced	2-10dx1.5"	2-10dx1.5"	4-10d	825	825	825	825	1055	1055	1055	1055	1195	1195	1195	1195		
			Uplift	Standard	2-10dx1.5"	2-10dx1.5"	4-10dx1.5"	200	230	230	230	235	265	265	265	255	290	290	290		
				Enhanced	2-10dx1.5"	2-10dx1.5"	4-10d	470	470	470	470	545	545	545	545	585	585	585	585		

ASTM D1761 < 2015 Codes																					
Product Code	Overall Dimensions (in)		Load Type	Nailing Schedule	Common Nail Type Fasteners			Allowable Loads (lbs)													
	Header Top Flange				Size	Joist Qty.	Header Qty.	Spruce Pine-Fir (0.42 Specific Gravity)				Douglas Fir-Larch (0.50 Specific Gravity)				Southern Pine (0.55 Specific Gravity)					
	TFW	TFB						1.00	1.15	1.25	1.60	1.00	1.15	1.25	1.60	1.00	1.15	1.25	1.60		
CDPHD26	1	1-9/16 (3-1/4) [1-13/16]	Downward	Standard	2-10dx1.5"	2-10dx1.5"	4-10dx1.5"	545	545	545	545	715	715	715	715	810	810	810	810		
				Enhanced	2-10dx1.5"	2-10dx1.5"	4-10d	890	890	890	890	1145	1145	1145	1145	1220	1305	1305	1305		
			Uplift	Standard	2-10dx1.5"	2-10dx1.5"	4-10dx1.5"	200	235	255	270	235	270	295	315	255	295	320	335		
				Enhanced	2-10dx1.5"	2-10dx1.5"	4-10d	490	565	570	570	565	650	660	660	610	705	710	710		

Notes:

- 1 Nails: 10dx1.5" = 0.148"x1.5" nails driven at 90 degree and 10d = 0.148"x3.0" nails driven at 45 degree (see Double shear nailing view).
- 2 Tabulated allowable load capacities shall be selected based on duration of load as permitted by the applicable building code.