



Fastener Solutions Product Guide

Phillips Bugle Head | Pan Framing Head | 8 SKUs

Drywall-to-Wood | Drywall-to-Metal | Metal Framing

**DRYWALL TO
WOOD**
Coarse Thread

**DRYWALL TO
LIGHT METAL**
Fine Thread

**DRYWALL TO
HEAVY STEEL**
TEK 3 Zinc

**METAL TO
METAL FRAMING**
Pan Head

ISO 9001

ISO 14001

ASTM C1002

ASTM B117

- 20% below Grabber & Hilti — identical ASTM C1002 specs
- 2 FREE screw bits included with every box ordered
- Consistent supply across Greater Vancouver & Fraser Valley
- Free sample box — no risk, no commitment

PROKAHL Construction Solutions

Greater Vancouver Area & Fraser Valley | British Columbia, Canada
www.prokahl.com | info@prokahl.com | +1 778-322-2624

Table of Contents

1	Introduction & Quality Standards	3
2	Drywall-to-Wood Screws (PHDW614, PHDW658, PHDW72)	4
3	Drywall-to-Light-Gauge Metal (PHDW614F, PHDW72F)	5
4	Drywall-to-Heavy-Gauge Metal (PHDW614ST, PHDW678ST)	6
5	Metal Framing Screws (PLM7716F)	7
6	Steel Gauge Reference & Quick Screw Selector	8
7	Coatings & Corrosion Resistance	9
8	Installation Guide	10
9	Complete Product Listing & Pricing	11

Introduction & Quality Standards

PROKAHL - Built for Canada. Built to Last.

PROKAHL Construction Solutions supplies premium fasteners to drywall contractors, builders, and construction companies throughout the Greater Vancouver Area and Fraser Valley.

All products are manufactured in ISO 9001 and ISO 14001 certified facilities, ensuring consistent quality and environmental responsibility across every production run.

Every PROKAHL fastener meets ASTM C1002 — the industry benchmark for drywall fastener performance — while priced 20% below Grabber and Hilti for identical specifications.

The Prokahl Pro-Fit #2 Phillips recess delivers precise bit engagement, reducing wobble and minimizing strip-out — speeding up installation and reducing waste on every job site.

ISO 9001
Quality Management

ISO 14001
Environmental Mgmt

ASTM C1002
Performance Standard

ASTM B117
SaltSpray Tested

Standard Lab-Verified Performance — All PROKAHL Fasteners

Test Parameter	Result
Torsional Strength	43.7 kgf-cm
Hardness (Vickers)	560 HV
Case Depth	48.8 um
Ductility (Elongation)	1.8 mm
Salt Spray (ASTM B117)	48h - No Red Rust
Standard Compliance	ASTM C1002

WHY SWITCH TO PROKAHL?

- Same ASTM C1002 spec as Grabber & Hilti — 20% less per box
- Consistent availability — Greater Vancouver Area & Fraser Valley

- 2 FREE screw bits included with every box ordered
- Free sample box — no risk, no commitment required

Salt Spray Testing (SST) results are not intended to represent actual corrosion performance in field conditions. ASTM B117 is widely recognized as a reliable method for comparing metals and coatings under tightly controlled, highly corrosive environments. For project-specific recommendations, consult with a corrosion specialist, architect, or engineer of record. Technical information is supplied without charge or obligation and used at the recipient's sole risk.

Drywall-to-Wood Screws

Phillips Bugle Head — Coarse Thread

DRYWALL TO WOOD

Coarse Thread

Black Phosphate

Sharp Point

Engineered to fix gypsum board securely to wood structures.

Key Features

- Coarse thread for maximum pull-out strength in wood studs and joists
- Sharp point for quick, easy penetration and smooth installation Prokahl
- Pro-Fit #2 Phillips recess reduces wobble and strip-out Black
- Phosphate finish — 48+ hrs no red rust (ASTM B117)
- Meets ASTM C1002 performance requirements
- ISO 9001 & ISO 14001 certified manufacturing

Applications

- 1/2 in. single-layer gypsum board to wood studs and joists
- 1/2 in. or 5/8 in. single or double layer gypsum board to wood
- Insulation to wood
- OSB or plywood to wood
- Wood-to-wood applications

PRODUCT SPECIFICATIONS

Head Type:	Bugle Head
Thread Type:	Coarse
Drive Recess:	#2 Phillips
Diameter:	0.325 - 0.331 in.
Finish:	Black Phosphate
Compliance:	ASTM C1002
Certified:	ISO 9001 & ISO 14001

LAB-VERIFIED PERFORMANCE

Torsional Strength	43.7 kgf-cm
Hardness (Vickers)	560 HV
Case Depth	48.8 um
Ductility (Elongation)	1.8 mm
Salt Spray (ASTM B117)	48h - No Red Rust
Standard Compliance	ASTM C1002

Ordering Information

Item No.	Size	Thread	Drive	Finish	Std	Qt/Box	Wt/Box
PHDW614	#6 x 1-1/4"	Coarse	#2 Phillips	0.325 in.	Black Phosphate	8,000	28 lb
PHDW658	#6 x 1-5/8"	Coarse	#2 Phillips	0.325 in.	Black Phosphate	5,000	22 lb
PHDW72	#7 x 2"	Coarse	#2 Phillips	0.331 in.	Black Phosphate	3,500	25 lb

SAFETY FIRST: Always wear appropriate PPE. Review applicable SDS and product literature before handling or installation.

2 FREE #2 Phillips screw bits included with every box ordered.

Drywall-to-Light-Gauge Metal Screws

Phillips Bugle Head — Fine Thread

DRYWALL TO LIGHT METAL

Fine Thread

Black Phosphate

Sharp Point

Engineered to fix gypsum board securely to light-gauge metal studs.

Key Features

- Fine thread engineered for light-gauge metal studs and tracks
- Sharp point for quick, easy penetration into light-gauge steel
- Prokahl Pro-Fit #2 Phillips recess reduces wobble and strip-out
- Black Phosphate finish — 48+ hrs no red rust (ASTM B117)
- Meets ASTM C1002 performance requirements
- ISO 9001 & ISO 14001 certified manufacturing

Applications

- 1/2 in. single-layer gypsum board to light-gauge metal studs and tracks
- 1/2 in. or 5/8 in. single or double layer gypsum board to light-gauge metal
- Insulation to light-gauge metal
- OSB or plywood to light-gauge metal
- Wood-to-light-gauge metal applications

PRODUCT SPECIFICATIONS

Head Type:	Bugle Head
Thread Type:	Fine
Drive Recess:	#2 Phillips
Diameter:	0.325 - 0.331 in.
Finish:	Black Phosphate
Compliance:	ASTM C1002
Certified:	ISO 9001 & ISO 14001

LAB-VERIFIED PERFORMANCE

Torsional Strength	43.7 kgf-cm
Hardness (Vickers)	560 HV
Case Depth	48.8 um
Ductility (Elongation)	1.8 mm
Salt Spray (ASTM B117)	48h - No Red Rust
Standard Compliance	ASTM C1002

Ordering Information

Item No.	Size	Thread	Drive	Finish	Std	Qt/Box	Wt/Box
PHDW614F	#6 x 1-1/4"	Fine	#2 Phillips	0.325 in.	Black Phosphate	8,000	28 lb
PHDW72F	#7 x 2"	Fine	#2 Phillips	0.331 in.	Black Phosphate	5,000	25 lb

SAFETY FIRST: Always wear appropriate PPE. Review applicable SDS and product literature before handling or installation.
2 FREE #2 Phillips screw bits included with every box ordered.

Drywall-to-Heavy-Gauge Metal Screws

Phillips Bugle Head — TEK 3 Self-Drilling, Fine Thread, Clear Zinc

- DRYWALL TO HEAVY STEEL
- Fine Thread
- Clear Zinc Plated
- TEK 3 Self-Drill

Engineered to fix gypsum board securely to heavy-gauge metal studs.

Key Features

- TEK 3 self-drilling point penetrates heavy-gauge steel without pre-drilling
- Fine thread for maximum clamping force in heavy-gauge metal studs
- Prokahl Pro-Fit #2 Phillips recess reduces wobble and strip-out
- Clear Zinc Plated finish — 48+ hrs no red rust (ASTM B117)
- Meets ASTM C1002 performance requirements
- ISO 9001 & ISO 14001 certified manufacturing

Applications

- 1/2 in. single-layer gypsum board to heavy-gauge metal studs and tracks
- 1/2 in. or 5/8 in. single or double layer gypsum board to heavy-gauge metal
- Insulation to heavy-gauge metal
- OSB or plywood to heavy-gauge metal
- Wood-to-heavy-gauge metal applications

PRODUCT SPECIFICATIONS

Head Type:	Bugle Head
Thread Type:	Fine
Drive Recess:	#2 Phillips
Diameter:	0.325 in.
Finish:	Clear Zinc Plated
Compliance:	ASTM C1002
Certified:	ISO 9001 & ISO 14001

LAB-VERIFIED PERFORMANCE

Torsional Strength	43.7 kgf-cm
Hardness (Vickers)	560 HV
Case Depth	48.8 um
Ductility (Elongation)	1.8 mm
Salt Spray (ASTM B117)	48h - No Red Rust
Standard Compliance	ASTM C1002

Ordering Information

Item No.	Size	Thread	Drive	Finish	Std	Qt/Box	Wt/Box
PHDW614ST	#6 x 1-1/4"	Fine	#2 Phillips	0.325 in.	Clear Zinc	8,000	31 lb
PHDW678ST	#6 x 1-7/8"	Fine	#2 Phillips	0.325 in.	Clear Zinc	4,000	23 lb

SAFETY FIRST: Always wear appropriate PPE. Review applicable SDS and product literature before handling or installation.

2 FREE #2 Phillips screw bits included with every box ordered.

Metal Framing Screws

Phillips Pan Framing Head — Fine Thread, Black Phosphate

METAL TO METAL FRAMING Fine Thread Black Phosphate Extra-Sharp Single-Lead Point

Engineered to fix steel track securely to light-gauge metal.

Key Features

- Pan framing head provides wide bearing surface for greater holding power
- Reduces pull-through in metal framing applications
- Extra-sharp single-lead point for fast penetration into light-gauge steel
- Prokahl Pro-Fit #2 Phillips recess reduces wobble and strip-out
- Black Phosphate finish — 48+ hrs no red rust (ASTM B117)
- ISO 9001 & ISO 14001 certified manufacturing

Applications

- Light-gauge steel framing — stud to track connections
- Fastening steel studs to door frame jamb anchor clips
- Sheet steel fabrication and HVAC applications
- Light-gauge steel-to-steel applications

PRODUCT SPECIFICATIONS

Head Type:	Pan Framing Head
Thread Type:	Fine
Drive Recess:	#2 Phillips
Diameter:	0.331 in.
Finish:	Black Phosphate
Compliance:	ASTM C1002
Certified:	ISO 9001 & ISO 14001

LAB-VERIFIED PERFORMANCE

Torsional Strength	43.7 kgf-cm
Hardness (Vickers)	560 HV
Case Depth	48.8 um
Ductility (Elongation)	1.8 mm
Salt Spray (ASTM B117)	48h - No Red Rust
Standard Compliance	ASTM C1002

Ordering Information

Item No.	Size	Thread	Drive	Finish	Std	Qt/Box	Wt/Box
PLM7716F	#7 x 7/16"	Fine	#2 Phillips	0.331 in.	Black Phosphate	10,000	27 lb

SAFETY FIRST: Always wear appropriate PPE. Review applicable SDS and product literature before handling or installation.
2 FREE #2 Phillips screw bits included with every box ordered.

Steel Gauge Reference & Quick Screw Selector

Match your metal stud gauge to the correct PROKAHL fastener

Use the tables below to match your metal stud gauge to the correct PROKAHL fastener. TEK 3 self-drilling screws (PHDW614ST, PHDW678ST) are required for heavy-gauge 18 ga and thicker. Sharp-point fine-thread screws suit all light-gauge applications.

Steel Gauge Chart

Gauge	Thickness	Class	Recommended SKU
25 ga	0.018"	Light-Gauge	PLM7716F, PHDW614F or PHDW72F
20 ga	0.033"	Light-Gauge	PLM7716F, PHDW614F or PHDW72F
18 ga	0.047"	Heavy-Gauge	PHDW614ST or PHDW678ST (TEK 3)
16 ga	0.059"	Heavy-Gauge	PHDW614ST or PHDW678ST (TEK 3)
12 ga	0.097"	Heavy Structural	PHDW614ST or PHDW678ST (TEK 3)

Quick Screw Selector — All 8 SKUs

Application	Screw	SKU	Thread	Finish
Wood studs/joists — 1/2" board	#6 x 1-1/4" Coarse	PHDW614	Coarse	Phosphate
Wood studs/joists — 1/2" or 5/8" board	#6 x 1-5/8" Coarse	PHDW658	Coarse	Phosphate
Wood studs/joists — single/double layer	#7 x 2" Coarse	PHDW72	Coarse	Phosphate
Light-gauge metal — 1/2" board	#6 x 1-1/4" Fine	PHDW614F	Fine	Phosphate
Light-gauge metal — single/double layer	#7 x 2" Fine	PHDW72F	Fine	Phosphate
Heavy-gauge metal — 1/2" board	#6 x 1-1/4" Zinc	PHDW614ST	Fine	Clear Zinc
Heavy-gauge metal — single/double layer	#6 x 1-7/8" Zinc	PHDW678ST	Fine	Clear Zinc
Steel-to-steel / metal framing	#7 x 7/16" Pan Head	PLM7716F	Fine	Phosphate

PRICING KEY

STANDARD = Under 48 boxes per order

PALLET 48+ = Mixed pallet, 48 or more boxes — Best Pricing Tier

All prices + applicable tax. Contact: Rob McKay, Regional Manager BC — (604) 808-5000 — info@prokahl.com

Coatings & Corrosion Resistance

PROKAHL Finish Classifications

PROKAHL fasteners come in two standard finishes. Selection depends on substrate type, application environment, and project specifications. Both finishes are independently tested to ASTM B117 salt spray protocol.

Black Phosphate

Standard Finish

Colour: Black / Dark Grey Matte

Salt Spray: 48+ hours ASTM B117 - No red rust

Best For:

- Standard interior drywall applications
- Drywall to wood studs and joists (coarse thread)
- Drywall to light-gauge metal studs (fine thread)
- Metal-to-metal framing connections (pan head)

Available SKUs:

PHDW614

PHDW658

PHDW72

PHDW614F

PHDW72F

PLM7716F

Clear Zinc Plated

Enhanced Corrosion Resistance

Colour: Silver / Metallic

Salt Spray: 48+ hours ASTM B117 - No red rust

Best For:

- Drywall to heavy-gauge metal studs (TEK 3 self-drill)
- Commercial and industrial construction Humid or moisture-exposed environments Applications
- requiring enhanced corrosion resistance

Available SKUs:

PHDW614ST

PHDW678ST

Corrosion Resistance Classification Summary

Classification	Finish	Salt Spray	Typical Environment	SKUs
Standard	Black Phosphate	48+hours	Interior, dry environments	PHDW614/658/72, PHDW614F/72F, PLM7716F
Enhanced	Clear Zinc Plated	48+hours	Commercial, humid, semi-exposed	PHDW614ST, PHDW678ST

Installation Guide

Best Practices for PROKAHL Fasteners

1

Select the Correct Screw

Use the Quick Screw Selector (page 8) to match fastener to substrate. Confirm stud gauge (light vs. heavy steel) before choosing between fine-thread sharp-point and TEK 3 self-drill variants.

2

Set Up Your Screw Gun

Use a standard screw gun with a depth-sensitive nose piece. PROKAHL fasteners perform optimally with screw guns sized #6 to #10, operating at speeds up to 4,000 RPM.

3

Position and Drive

The bugle head should sit just below the board surface, creating a slight dimple without breaking the face paper of the gypsum board, meeting ASTM B117-22 depth requirements.

4

Avoid Overdriving

Do not overdrive. Overdriving tears the face paper and reduces pull-out resistance, causing fastener and board failure. Use the depth-sensitive nose piece on every drive.

5

Use Your Free #2 Phillips Bit

All PROKAHL screws feature the Pro-Fit #2 Phillips recess. Every box includes 2 free #2 bits. Always use a sharp, correctly sized bit — worn bits increase strip-out and cam-out risk.

6

Follow Code-Required Spacing

Adhere to applicable building code and engineer specifications for fastener spacing. Typical: 8 in. o.c. on ceiling framing, 12 in. o.c. on wall framing. Confirm with local BC building code.

SAFETY REMINDER

Always wear appropriate PPE including safety glasses and gloves when handling fasteners.

Review the applicable Safety Data Sheet (SDS) before use. Keep fasteners away from children.

Complete Product Listing

2 FREE #2 Phillips bits per box

Complete Product Line — All 8 SKUs

SKU	Description	Size	Thread	Finish	Qty/Box	Wt/Box
PHDW614	Coarse Thread — Drywall to Wood	#6 x 1-1/4"	Coarse	Black Phosphate	8,000	28 lb
PHDW658	Coarse Thread — Drywall to Wood	#6 x 1-5/8"	Coarse	Black Phosphate	5,000	22 lb
PHDW72	Coarse Thread — Drywall to Wood	#7 x 2"	Coarse	Black Phosphate	3,500	25 lb
PHDW614F	Fine Thread — Drywall to Lt. Metal	#6 x 1-1/4"	Fine	Black Phosphate	8,000	28 lb
PHDW72F	Fine Thread — Drywall to Lt. Metal	#7 x 2"	Fine	Black Phosphate	3,500	25 lb
PHDW614ST	Zinc TEK 3 — Drywall to Hvy. Steel	#6 x 1-1/4"	Fine	Clear Zinc Plated	8,000	31 lb
PHDW678ST	Zinc TEK 3 — Drywall to Hvy. Steel	#6 x 1-7/8"	Fine	Clear Zinc Plated	4,000	23 lb
PLM7716F	Pan Head Framing — Metal to Metal	#7 x 7/16"	Fine	Black Phosphate	10,000	27 lb

Pricing Highlights

20% Below Market
 vs. Grabber & Hilti
 Identical ASTM C1002 specs

Pallet 48+ Boxes
 Best pricing tier
 Mixed pallet accepted

2 Free Drive Bits
 Every box order
 #2 Phillips bits included

Free Sample Box
 No risk, no commitment
 Contact your rep today

Your Direct Contact
Rob McKay
 Regional Manager, BC
 (604) 808-5000
 rob@prokahl.com
 www.prokahl.com

General Inquiries
PROKAHL Construction Solutions
 Greater Vancouver Area & Fraser Valley
 British Columbia, Canada
 +1 778-322-2624
 info@prokahl.com

Request Free Sample Box
Contact Arsh or Rob today
 No obligation — ships to your site
 Includes all 8 SKUs
 +1 778-322-2624
 info@prokahl.com

SUPPLY Smarter. BUILD Better.

PROKAHL Construction Solutions | Printed in Canada | www.prokahl.com