

Industrial Fastners

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Crystal

ISO 9001:2015 certified



About Us

Crystal Group is a distinguished company with a strong commitment to delivering exceptional products across its portfolio of companies for the past two decades. With an unwavering focus on high-quality offerings and a robust brand reputation, Crystal Group has consistently upheld its position as a leader in the industry.

Located in Jamshedpur, Jharkhand, Crystal Fasteners Industry is a prominent firm under Crystal Group specializing in the production of premium stainless steel, carbon steel and high tensile galvanized standard fasteners. Our primary specialization lies in the manufacturing of diverse types of Collated Nails, meticulously crafted to adhere to international standards such as ISO 9001:2015. These fasteners find extensive applications across various sectors, including Construction, Industrial, and General Engineering, etc.



Manufacturing Standards

Crystal Fasteners Industry operates from a strategic location within the **Steel Belt of India**, granting us convenient access to the world's finest quality steel. Our commitment to excellence is reflected in our sourcing practices – we exclusively procure Wire Rods from Tata Steel Limited, a renowned name synonymous with top-tier product quality.



Infrastructure & Expertise

Our expansive manufacturing unit spans over 2,50,000 square feet and is situated in the Adityapur Industrial Area with a dedicated workforce of over 100 skilled professionals, our plant stands as a testament to our operational capabilities. To ensure the highest standards of production, we have equipped our facility with cutting-edge machinery imported from esteemed manufacturers from Korea & Taiwan.

Promoters & Management

At Crystal Fasteners Industry, excellence is driven by a team of seasoned professionals. The leadership is led by the promoter who holds degrees in Engineering and an MBA in Finance and Marketing from prestigious institutions. Our team of skilled technocrats is well-versed in every facet of the production process. Their continuous pursuit of innovation has enabled us to stay ahead of market trends, consistently integrating new technologies to enhance operations and cater to the evolving needs of the market.

Furthermore, our dedication to sustainability is a driving force behind our operations. We are deeply committed to reducing our environmental footprint and have implemented eco-friendly practices throughout our production processes.

In summary, our success story at Crystal Fasteners Industry is a testament to our unwavering dedication to excellence, continuous innovation, and our holistic approach to business that encompasses quality, skilled personnel, and sustainability practices. We are proud to be your trusted partner in delivering top-notch products and solutions to meet your fastening needs.



Quality Assurance

At Crystal Fasteners Industry, quality control is ingrained in every step of our manufacturing process. Our commitment to delivering products of the highest standard is evident through our In-House Testing Lab. Our dedication to quality doesn't stop with the manufacturing process.



We rigorously test our products to meet prescribed quality standards and fulfill customer requirements. Our paramount emphasis is on ensuring reliability and top-notch quality across our product range, which caters to markets worldwide. We take pride in our professional behavior, timely deliveries, and providing value for money to our esteemed clients.

Additionally, our commitment to corporate responsibility extends to our employees and the communities in which we operate. We invest in initiatives that promote employee well-being, safety, and skill development. Furthermore, we actively engage in social and environmental initiatives, contributing to the betterment of society.

In conclusion, at Crystal Fasteners Industry, our pursuit of excellence goes beyond our products; it encompasses our entire approach to business, from manufacturing to customer service, employee welfare, and social responsibility. We look forward to continuing our journey of delivering quality and value to our valued customers worldwide.

(i) Common Nails

Key Uses: Common Nails are widely used in construction, serving as fundamental components in structural framing, scaffolding, and general carpentry.

Features: Common Nails typically feature flat heads and diamond points, making them versatile for various applications.



Material	Shank		Point Type	Standard	Finish
	Type	Head Type			
Carbon Steel or Stainless Steel	Round Smooth	Flat Head	Diamond Point	ASTM F1667	Bright, Zinc Coated, or Other Coating as specified

Item	Diameter	Length	Packaging
Common 2D	0.071	1	1LB x 25Packets: 64 Ctns / Pallet 5LB x 8Packets: 42 Ctns / Pallet 50LB: 48 Ctns / Pallet
Common 3D	0.080	1-1/4	
Common 4D	0.099	1-1/2	
Common 5D	0.099	1-3/4	
Common 6D	0.113	2	
Common 7D	0.113	2-1/4	
Common 8D	0.131	2-1/2	
Common 10D	0.148	3	
Common 12D	0.148	3-1/4	
Common 16D	0.162	3-1/2	

Item	Diameter	Length	Packaging
Common 20D	0.189	4	1LB x 25Packets: 64 Ctns / Pallet 5LB x 8Packets: 42 Ctns / Pallet 50LB: 48 Ctns / Pallet
Common 30D	0.207	4-1/2	
Common 40D	0.225	5	
Common 50D	0.244	5-1/2	
Common 60D	0.261	6	

*(Note: All Dimensions are in Inches)

(ii) Sinker Nails

Key Uses: Sinker Nails find applications in general construction, carpentry, and framing.

Features: These nails are characterized by their countersunk head, diamond point, and smooth shank. The vinyl coating enhances lubrication during driving and augments holding power.



Material	Shank		Point Type	Standard	Finish
	Type	Head Type			
Carbon Steel or Stainless Steel	Round Smooth	Flat Counter shank Cross Hetch Head	Diamond Point	ASTM F1667	Green Vinyl coating or other coating as specified

Item	Diameter	Length	Packaging
Sinker 3D	0.067	1-1/8	1LB x 25Packets: 64 Ctns / Pallet 5LB x 8Packets: 42 Ctns / Pallet 50LB: 48 Ctns / Pallet
Sinker 4D	0.080	1-3/8	
Sinker 5D	0.086	1-5/8	
Sinker 6D	0.092	1-7/8	
Sinker 7D	0.099	2-1-8	
Sinker 8D	0.113	2-3-8	
Sinker 10D	0.120	2-7/8	
Sinker 12D	0.135	3-1/8	
Sinker 16D	0.148	3-1/4	
Sinker 20D	0.177	3-3/4	
Sinker 30D	0.192	4-1/4	
Sinker 40D	0.207	4-3/4	
Sinker 60D	0.244	5-3/4	

*(Note: All Dimensions are in Inches)

(iii) Box Nails

Key Uses: Box Nails are employed in light construction and rough works involving soft woods

Features: Box Nails share a general design with common nails but are made from smaller wire gauges. Their reduced diameter facilitates easy driving and minimizes the risk of wood splitting.



Material	Shank		Point Type	Standard	Finish
	Type	Head Type			
Carbon Steel or Stainless Steel	Round Deformed and Smooth shank	Flat Head	Diamond Point	ASTM F1667	Bright, Zinc or other coating as specified

Item	Diameter	Length	Packaging
Box 2D	0.067	1	1LB x 25Packets: 64 Ctns / Pallet 8Packets: 42 Ctns / Pallet / Pallet
Box 3D	0.075	1-1/4	
Box 4D	0.08	1-1/2	
Box 5D	0.08	1-3/4	
Box 6D	0.099	2	
Box 7D	0.099	2-1/4	
Box 8D	0.113	2-1/2	
Box 10D	0.128	3	
Box 12D	0.128	3-1/4	
Box 16D	0.135	3-1/2	
Box 20D	0.148	4	
Box 40D	0.162	5	

*(Note: All Dimensions are in Inches)

(iv) Duplex Nails

Key Uses: Used for scaffolding, forms, and other temporary construction projects.

Features: Easy to pull, safe for dismantling, and help save time, lumber, and nails during disassembly.



Material	Shank		Point Type	Standard	Finish
	Type	Head Type			
Steel	Round Smooth Shank	Flat Double Head	Diamond Point	ASTM F1667	Bright, Zinc Coated

Item	Diameter	Length	Packaging
Duplex 6D	0.113	1-3/4	1LB x 25Packets: 64 Ctns / Pallet 5LB x 8Packets: 42 Ctns / Pallet 50LB: 48 Ctns /Pallet
Duplex 8D	0.131	2-1/4	
Duplex 10D	0.148	2-3/4	
Duplex 12D	0.148	2-7/8	
Duplex 16D	0.162	3	
Duplex 20D	0.189	3-1/2	

*(Note: All Dimensions are in Inches)

(v) Finish Nails

Key Uses: Intended for interior trim, finish carpentry, cabinetwork, and furniture building.

Features: Small cupped head facilitates using a nail set to countersink the nail below the wood surface.



Material	Shank		Point Type	Standard	Finish
	Type	Head Type			
Steel	Round Smooth Shank	Brad head, likely designed for aesthetic purposes	Diamond Point	ASTM F1667	Bright finish

Item	Diameter	Length	Packaging
Finish 2D	0.058	1	1LB x 25Packets: 64 Ctns / Pallet 5LB x 8Packets: 42 Ctns / Pallet 50LB: 48 Ctns / Pallet
Finish 3D	0.067	1-1/4	
Finish 4D	0.072	1-1/2	
Finish 5D	0.072	1-3/4	
Finish 6D	0.0.092	2	
Finish 7D	0.0.092	2-1/4	
Finish 8D	0.099	2-1/2	
Finish 10D	0.113	3	
Finish 12D	0.113	3-1/4	
Finish 16D	0.120	3-1/2	
Finish 20D	0.135	4	

*(Note: All Dimensions are in Inches)

(vi) Roofing Nails

Key Uses: Designed for applying asphalt and fiberglass shingles in roofing projects.

Features: Corrosion-resistant and equipped with broad heads to resist pulling through shingles during high winds.



Material	Shank		Point Type	Standard	Finish
	Type	Head Type			
Carbon Steel	Round Smooth Shank	Flat reinforced head	Diamond Point	ASTM F1667	Typically bright finish or coated as specified (Zinc or Others)

Item	Diameter	Length	Packaging
Roofing 5/8"	0.120	5/8	1LB x 25Packets: 64 Ctns / Pallet 5LB x 8Packets: 42 Ctns / Pallet 50LB: 48 Ctns / Pallet
Roofing 3/4"	0.120	3/4	
Roofing 7/8"	0.120	7/8	
Roofing 1"	0.120	1	
Roofing 1-1/4"	0.120	1-1/4	
Roofing 1-1/2"	0.120	1-1/2	
Roofing 1-3/4"	0.120	1-3/4	
Roofing 2"	0.120	2	
Roofing 2-1/4"	0.120	2-1/4	
Roofing 2-1/2"	0.120	2-1/2	
Roofing 3"	0.120	3	

*(Note: All Dimensions are in Inches)

(vii) Joist Hanger Nails

Key Uses: Specially designed for use with joist hangers, which are metal brackets used to support joists in construction.

Features: These nails have specific head sizes, thickness, steel, and shank designs tailored for attaching joist hangers securely.



Material	Shank		Point Type	Standard	Finish
	Type	Head Type			
Made of carbon steel	Round smooth and barbed shank	Flat Head	Diamond Point	ASTM F1667	Bright, Zinc or other coating as specified

Item	Diameter	Length	Packaging
Joist 1-1/4" x 11 GA	0.067	1	1LB x 25Packets: 64 Ctns / Pallet 8Packets: 42 Ctns / Pallet 50LB: 48 Ctns / Pallet
Joist 1-1/4" x 9 GA	0.075	1-1/4	
Joist 1-1/2" x 11 GA	0.08	1-1/2	
Joist 1-1/2" x 10-1/4 GA	0.08	1-1/2	
Joist 1-1/2" x 9 GA	0.148	1-1/2	

*(Note: All Dimensions are in Inches)

(viii) Decking Nails

Key Uses: Used for securing decking timber to ensure strong holding power.

Features: Helical threaded shank fo protrusion.



Material	Shank		Point Type	Standard	Finish
	Type	Head Type			
Carbon Steel	Round smooth & mechanically deformed shank for enhanced grip	Casing Head	Diamond Point	ASTM F1667	Bright, Zinc Coated, or Other Coating as specified

Item	Diameter	Length	Packaging
Deck 6D	0.120	2	1LB x 25Packets: 64 Ctns / Pallet 8Packets: 42 Ctns /Pallet 50LB: 48 Ctns / Pallet
Deck 8D	0.120	2-1/2	
Deck 10D	0.135	3	
Deck 12D	0.135	3-1/4	
Deck 16D	0.148	3-1/2	
Deck 20D	0.177	4	

*(Note: All Dimensions are in Inches)

(ix) Casing Nails

Key Uses: Used for interior trim, finish carpentry, cabinet making, and furniture construction.

Features: Casing Nails have deep,wedge-shaped heads for secure and flush installation.



Material	Shank		Point Type	Standard	Finish
	Type	Head Type			
Made of carbon steel	Round smooth shank	Flat countersunk cupped head	Diamond point	ASTM F1667	Bright or zinc-coated

Item	Diameter	Length	Packaging
Casing 4D	0.080	1-1/2	1LB x 25Packets: 64 Ctns / Pallet 5LB x 8Packets: 42 Ctns / Pallet 50LB: 48 Ctns / Pallet
Casing 6D	0.099	2	
Casing 7D	0.099	2-1/4	
Casing 8D	0.113	2-1/2	
Casing 10D	0.128	3	
Casing 12D	0.128	3-1/4	
Casing 16D	0.135	3-1/2	

*(Note: All Dimensions are in Inches)

(x) Drywall Nails

Key Uses: Designed to attach drywall to wooden structures.

Features: Wide heads create a dimple around the nail head, facilitating the application of joint compound.



Material	Shank		Point Type	Standard	Finish
	Type	Head Type			
Carbon Steel	Round smooth and mechanically deformed shank	Flat slightly countersunk head	Diamond point	ASTM F1667	Bright

Item	Diameter	Length	Packaging
Drywall 1-1/4" x 12.5G	0.099	1-1/4	1LB x 25Packets: 64 Ctns / Pallet 5LB x 8Packets: 42 Ctns / Pallet 50LB: 48 Ctns / Pallet
Drywall 1-3/8" x 12.5G	0.099	1-3/8	
Drywall 1-1/2" x 12.5G	0.099	1-1/2	
Drywall 1-5/8" x 12.5G	0.099	1-5/8	
Drywall 1-3/4" x 12.5G	0.099	1-3/4	
Drywall 2" x 12.5G	0.099	2	

*(Note: All Dimensions are in Inches)