

PROFESSIONAL STEEL NAIL MANUFACTURER

PRODUCT CATALOG

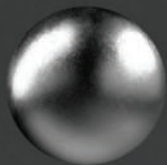
At Litnaglis we take pride in our work.

We always strive to deliver the top quality products and set the highest standards in service and reliability for our clients.

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NAIL FINISHING TYPES



Bright (no coating)

Nails without any coating are mostly used for interior work where the dry environment is more frequent and the nails are not affected by any physical factors.



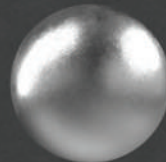
White electro-galvanized

This method of coating protects nails from a variety of natural factors, so nails can be used to fasten outdoor structures in a damp environment.



Vinyl coated

The vinyl reduces the friction between the nail and the wood. The heat generated from the nail during nailing "sticks" the vinyl to the wood. Such nails become much more resistant to traction force.



Hot-dip galvanized steel (HDG)

Our company produces nails from hot-dip galvanized wire. The zinc layer of hot-dip galvanized steel products is significantly thicker than normal, making them even more resistant to corrosion.

Environmentally friendly process

Electro-galvanizing involves bonding a layer of zinc to steel using electrical current to protect against corrosion. "Litnaglis" boasts state-of-the-art, fully automated galvanizing facilities. Our automated electro-galvanizing machines are eco-friendly, cost-effective, and efficient. WIGAL steam absorbers and wastewater treatment systems ensure harmful substances do not enter the environment.

TECHNICAL PROPERTIES OF NAILS



Nail Head Types:



Flat-head nails provide the best holding power. Nails that have a checkered pattern are called sinkers.



Offset nail heads have a head that is intentionally off-center or displaced from the center of the nail shank.



D head nails have a unique head shape that is rounded on one side and flat on the other, forming a shape resembling the letter "D."

Nail Shank Types:



The majority of nails are made with smooth shanks. This allows the nails to enter the material with as little resistance as possible.



A screw-shank nail is mostly used in hardwoods to prevent them from splitting. The nail spins like a screw when driven.



A ring shank nail, when driven, creates a "locking" effect that gives a greater resistance to withdrawal.

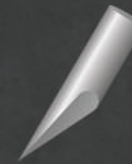
Nail Point Types:



The diamond point is the most common nail tip. It gives the best possible penetration into the material.



A blunt nail tip prevent the wood from splitting when driven. It breaks through the fibers instead of spilling them.



Clinch-point nails are used to secure the transverse and cover boards of pallets. The split tip bends easily under the metal base.

BULK NAILS

EPAL Nails



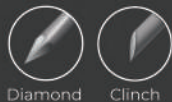
We are a certified manufacturer of EPAL nails. EPAL nails are used to make and repair wooden Euro pallets. EPAL pallets comply with a common European standard and are used worldwide. Every nail is marked with a special EPAL association marking that meets the standards set for that marking. 78 EPAL nails are used to make one Euro pallet.

Nail shank type:



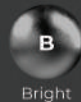
Smooth Ring

Nail cutting point type:



Diamond Clinch

Nail finishing type:



Bright

Shank diameter	Length, mm.	Shank	Point	EPAL marking
2.5	54	Smooth	Clinch	PK
2.8	54	Smooth	Diamond	PU
2.8-3.2	40	Ring	Diamond	PF
3.0-3.2	40	Ring	Diamond	PL
3.3-3.6	70	Ring	Diamond	PW
3.3-3.6	90	Ring	Diamond	PX
3.4-3.6	70	Ring	Diamond	PH
3.4-3.6	90	Ring	Diamond	PG
3.6-4.2	40	Ring	Diamond	PN
3.6-4.2	70	Ring	Diamond	PJ
3.6-4.2	90	Ring	Diamond	PI

*all given measurements are shown in mm.

Common Nails



Common nails are used for general construction. Mostly for framing and other basic building work. These nails are distinguished by a wide head, thick shank, and a diamond-shaped point. A specific type of common nail is the sinker, which has a thinner shank and a waffle pattern head designed to be sunk flush with the surface of the wood.

Nail shank type:



Smooth Ring Screw

Nail cutting point type:



Diamond Clinch Blunt

Nail finishing type:



Bright EG White Vinyl

Size	Length	Shank diameter	Head diameter	Approx. nuber per lbs	Screw	Ring	Smooth
6D	2"	.113"	.266"	170	+	+	+
8D	2-1/2"	.131"	.281"	100	+	+	+
10D	3"	.148"	.312"	65	+	+	+
16D	3-1/2"	.162"	.344"	50	+	+	+
20D	4"	.192"	.406"	30	+	+	+
30D	4-1/2"	.207"	.438"	20	+	+	+

*all given measurements are shown in inches.

**other nail sizes, point, top and shank modifications are available.

Duplex Nails



A duplex nail is a two-headed nail. Such nails are used for temporary construction where nail removal is required: installing formwork, forming foundations or fixing scaffolding. The nail is hammered only to the first head leaving a gap with the second so the nail can be easily removed using a hammer.

Nail shank type:



Smooth

Nail cutting point type:



Diamond

Nail finishing type:



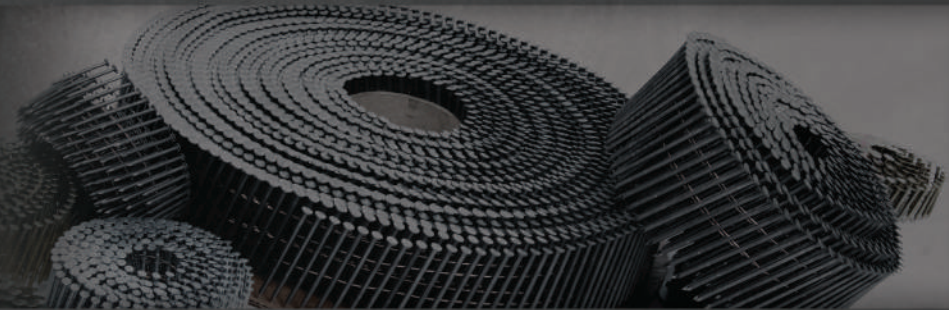
Bright EG White

Size	Length under the lower head	Aprox. nuber per lbs.	Shank	Shank diameter	Head diameter	Head distance
6D	1-3/4"	156	Smooth	.113"	0.2118"	0.25
8D	2-1/4"	90	Smooth	.131"	0.2813"	0.25
10D	2-3/4"	59	Smooth	.148"	0.3128"	0.3125
12D	2-7/8"	57	Smooth	.148"	0.3125"	0.3125
16D	3"	45	Smooth	.162"	0.3438"	0.375

*all given measurements are shown in inches.

**other nail sizes, point, top and shank modifications are available.

WIRE COLLATED NAILS



Flat Coil Nails | 16°



Wire collated nails are welded together by two thin wire strips at a slanted 16° angle. Wire holds nails in place, which helps withstand harsh construction environments. Such a coil can hold from 150 to 300 nails in one coil.

Nail shank type:



Smooth Ring Screw

Nail cutting point type:



Diamond Clinch Blunt

Nail finishing type:



Bright Vinyl EG white Hot-dip galvanized

Length	Shank diameter	Screw	Ring	Smooth
1-1/4" up to 1-3/4"	.08	+	+	+
	.084	+	+	+
	.086	+	+	+
	.090	+	+	+
	.092	+	+	+
1-3/4" up to 4"	.094	+	+	+
	.099	+	+	+
	.113	+	+	+
	.120	+	+	+
	.131	+	+	+
	.148	+	+	+
	.162	+	+	+

*all given measurements are shown in inches.
**other nail sizes, point, top and shank modifications are available.

Hi-Load Coil Nails | 16°



Most Hi-load coils are manufactured in a flat coil with a plastic axle and paper cover. On smaller Hi-load coils the cover and axle are not used. Hi-load coil nails are used in automatic pallet forging machines. In such coils, the number of nails may range from 450 to 3000 nails per coil. Nails are slanted at a 16° angle.

Nail shank type:



Smooth Ring Screw

Nail cutting point type:



Diamond Clinch Blunt

Nail finishing type:



Bright EG White Vinyl

Length	Shank diameter	Nails per coil	Screw	Ring	Smooth
1-1/4" up to 1-3/4"	.08	450-3000	+	+	+
	.084	450-3000	+	+	+
	.086	450-3000	+	+	+
	0.9	450-3000	+	+	+
	.092	450-3000	+	+	+
	.094	450-3000	+	+	+
1-1/4" up to 1-3/4"	.08	450-3000	+	+	+
	.084	450-3000	+	+	+
	.086	450-3000	+	+	+
	0.9	450-3000	+	+	+
	.092	450-3000	+	+	+
	.094	450-3000	+	+	+

*all given measurements are shown in inches.

**other nail sizes, point, top and shank modifications are available.

Conical Coil Nails | 16°



Conical coil nails are welded together by two thin wire strips at a slanted 16° angle. This form of coil saves space because a conical coil has a lesser diameter than a flat coil with the same number of nails due to its shape. The only difference between conical and flat coils is that they are used in different kinds of nail guns that are adapted to such coils. However, regular flat coils are more popular on the market.

Nail shank type:



Smooth Ring Screw

Nail cutting point type:



Diamond Clinch Blunt

Nail finishing type:



Bright EG White Vinyl

Length	Shank diameter	Screw	Ring	Smooth
1" up to 2-3/8"	0.83"	+	+	+
	0.91"	+	+	+

*all given measurements are shown in inches.

**other nail sizes, point, top and shank modifications are available.

PAPER TAPE COLLATED NAILS

Joist Hanger Nails | 34°



Such nails are held together with a strip of paper and are slanted at a 34° angle. It is worth noting that nail guns with such nails jam much less frequently as paper and nails fold directly into the wood. In addition, the working environment can be cleaned much easier and faster since no paper scraps are left.

Length	Shank diameter	Nail per strip	Screw	Ring	Smooth
1-1/2" up to 2-1/2"	0.131"	22-28	+	+	+
	0.148"	22-28	+	+	+
	0.162"	22-28	+	+	+

*all given measurements are shown in inches.
**other nail sizes, point, top and shank modifications are available.

Nail shank type:



Smooth Ring Screw

Nail cutting point type:



Diamond

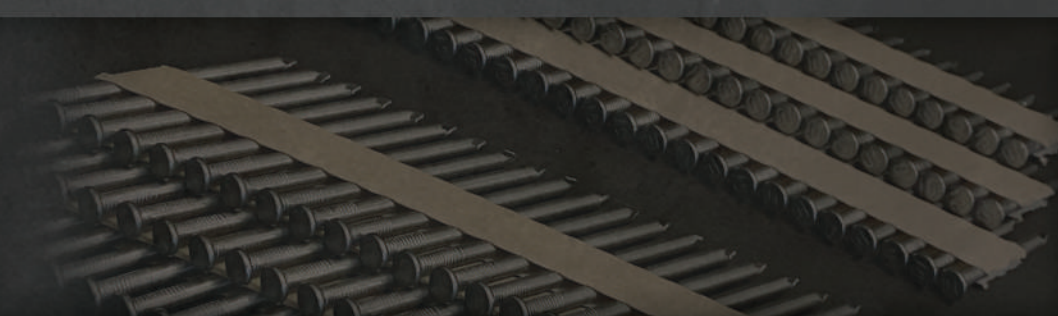
Nail finishing type:



Bright EG White Vinyl Hot-dip galvanized

On customer request, additional nail head marking is available:





D-head / Offset Nails | 34°



Nails with a D-shaped or Offset head are joined by a strip of paper. Such nails are designed for outdoor use, such as framing or terrace decking. Gluing nails without gaps allows you to have more of them in one strip (the strip can hold from 20 to 40 nails). This type of nail connection ensures even more convenient work with a nail gun.

Shank diameter	Length	Screw	Ring	Smooth
0.99"-0.162"	1-1/4"-4"	-	+	+

*all given measurements are shown in inches.
 **other nail sizes, point, top and shank modifications are available.

Nail shank type:



Nail cutting point type:



Nail finishing type:



PLASTIC COLLATED NAILS

Plastic Strip Collated Nails | 20-22°



Plastic strip collated nails are held together with a plastic strip that breaks when nails are shot from the nail gun. Plastic strips are well known for their durability. The nails easily fit into the nail gun and are very easy to transport. Nails can be slanted from 20° to 22°.

Length	Shank diameter	Nail per strip	Screw	Ring	Smooth
2" up to 3-1/2"	0.99"	20-30	+	+	+
	0.113"	20-30	+	+	+
	0.120"	20-30	+	+	+
	0.131"	20-30	+	+	+
	0.148"	20-30	+	+	+

*all given measurements are shown in inches.

**other nail sizes, point, top and shank modifications are available.

Nail shank type:



Smooth Ring Screw

Nail cutting point type:

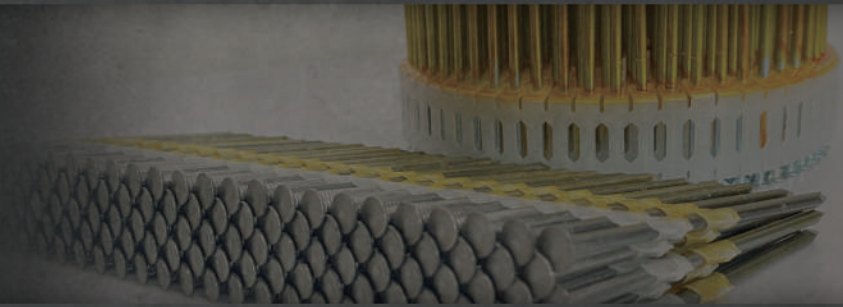


Diamond Blunt

Nail finishing type:



Bright EG White Vinyl



Plastic Coil Collated Nails



Nails in a plastic coil are most commonly used for outdoor work. During nailing, the nails are easily detached from the plastic strip connecting them, so the direction of nailing remains unchanged. Working with such nails becomes much simpler and cleaner because there are no extra scraps from the plastic left. Such a coil can typically hold from 50 to 300 nails. Nails in such a coil can be under angle 0° or 15° , counter-clockwise or clockwise.

Nail shank type:



Smooth Ring Screw

Nail cutting point type:



Diamond Clinch Blunt

Nail finishing type:



Bright EG White Vinyl

Shank diameter	Length	Screw	Ring	Smooth
0.58"-0.162"	5/8" -.5"	+	+	+

*all given measurements are shown in inches.

**other nail sizes, point, top and shank modifications are available.

TESTING LABORATORY

In the Litnaglis testing laboratory, we carry out various tests on the quality of our products and raw materials. With specialized equipment, we can easily test and explore their strengths and weaknesses. Knowing these parameters, we can produce the high-quality products we are known for. The tests we perform include plastic tape flexibility tests, corrosion tests, hardness tests, wire tensile and nail bending tests, paper tape water resistance tests, coating thickness tests, and more.



PACKAGING & DELIVERY



Packaging

Our company pays a lot of attention not only to the quality of the manufactured products but also to their packaging. We use thick and strong cardboard boxes from reliable packaging suppliers with whom we have been cooperating for many years. The strength and durability of the packaging help our customers save space in the warehouse, as the boxes can be stacked on top of each other.

For the convenience of our customers, we are very flexible regarding packaging solutions. Nails can be packed in unmarked cartons with our logo. On request, individually selected logos or other graphics can be printed on the packaging.

All products can be packed on euro, 4-way, single-use, industrial, and other pallets. Also, our company takes additional safety measures to prevent damage to the packaging during transportation. All boxes are secured with safety belts, and the empty spaces in the containers are filled with special airbags designed to control unnecessary movement inside the container.

Delivery

Our company undertakes to deliver the goods to the specified location (in other words, “door-to-door”). The transportation of goods by sea or land is available across the globe.

We can deliver the goods in curtain-side trailers, refrigerators, or containers. Also, on request, we can provide customs clearance and other document preparation services, as we value our customers and respect their precious time. When transporting the goods, we always choose those partners who are able to deliver our products quickly and at competitive prices.

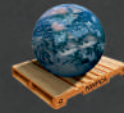


ASSOCIATIONS & CERTIFICATES



STAFDA

Specialty Tools & Fasteners
Distributors Association



NWPCA

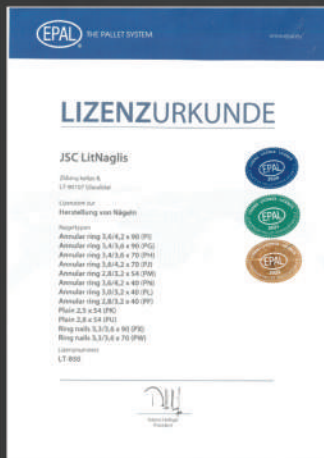
National Wooden Pallet &
Container Association

NATIONAL WOODEN PALLET
& Container Association
Pallets Move the World®



EPAL

The European Pallet
Association



*You can find all of our certificates listed on the company's webpage.

WHY CHOOSE US?



Experience

22 years of experience in the nail manufacturing industry and counting.



Logistics

Flexible logistic network. Transportation by sea and land is available.



Machinery

Newest and the most modern manufacturing equipment.



Production

4500 tons of production per month.



Certificates

High-quality certified products.



Eco

Eco friendly manufacturing processes.



Employees

More than 250 various professions of workers.



Customer service

A personal manager to assist you.

COMPANY TIMELINE

2001 EPAL CERTIFICATION.

The company became a certified EPAL nail manufacturer.

2006 INCREASING PRODUCTION.

Significant increase in machinery, manpower, and production volumes.

2000 LITNAGLIS COMPANY WAS BORN.

In the beginning, Litnaglis manufactured common nails for wooden pallets and construction.

2004 RELOCATION.

The factory relocated to a more spacious location. Welded wire nail production started. Modernization of machinery.

2015 U.S. MARKET.

Headquarters moved into the newly built office. Started to work with the U.S. market.

2019 ELECTRO-GLAVANIZING.

Eco-friendly galvanizing process was started.

2009 WIRE PRODUCTS.

Production of wire products started.

2017 PLASTIC STRIP NAILS.

Litnaglis became a member of the NWPCA and STAFDA associations. Manufacturing of plastic strip nails started.

2023 ADDITIONAL FACTORY.

Additional nail factory was built with the most modern and automated nail making machinery.

Monthly production
20 t.

Monthly production
90 t.

Monthly production
300 t.

Monthly production
900 t.

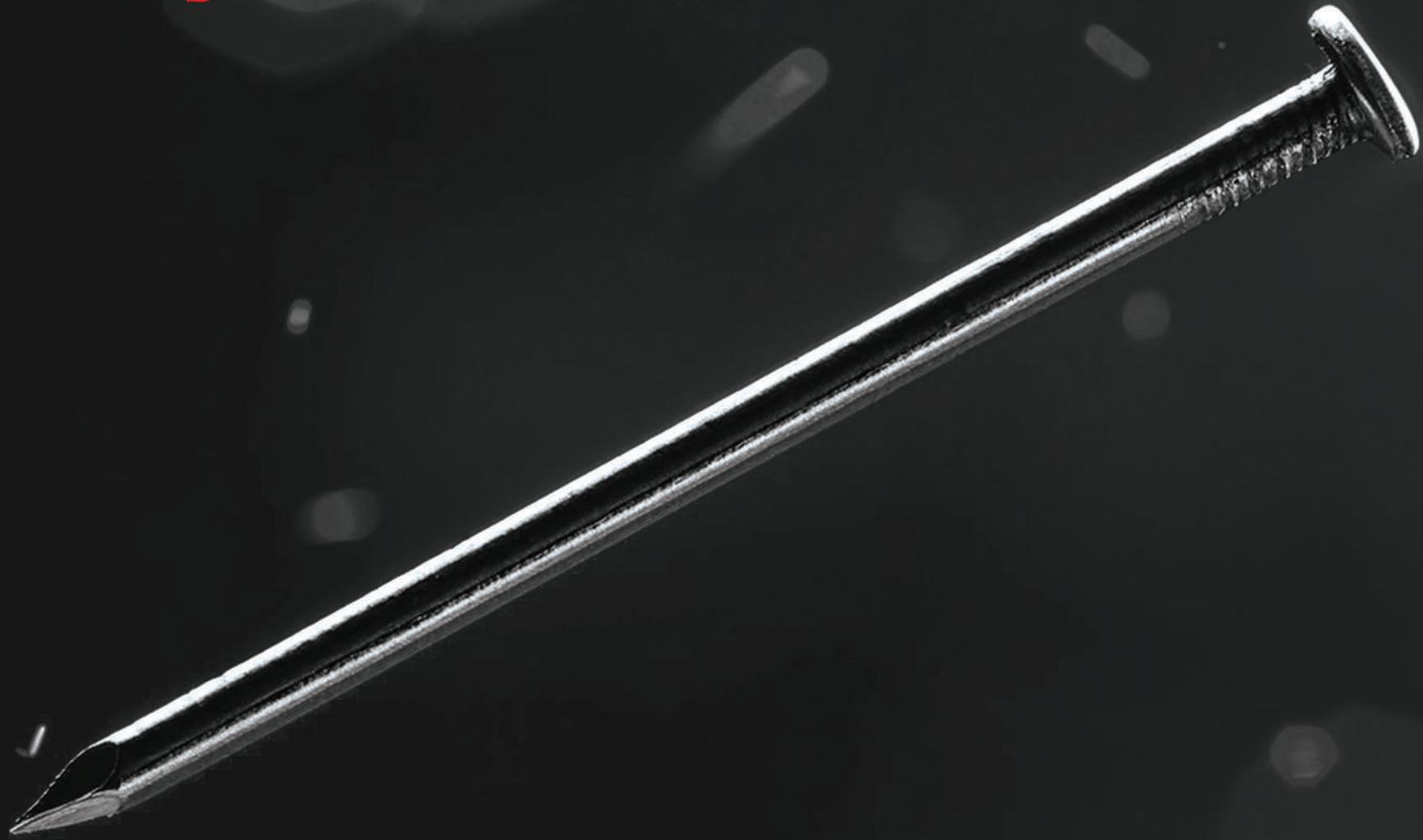
Monthly production
1350 t.

Monthly production
1860 t.

Monthly production
2250 t.

Monthly production
2760 t.

Monthly production
5000 t.



YOUR SUCCESS DEFINES OUR SUCCESS.



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