

Proline Nails and Fuel Cells

The HiKOKI Proline galvanized nails are treated with a very special technique called Magneto Hydro Dynamics (MHD); the science which studies the dynamics of electrically conducting molten metals. Applying this special production method for galvanizing steel products has many advantages.

How it works

First of all the wire rolls are being uncoiled, straightened and the surface is blast-clean treated. Induction heating brings the wire to galvanizing temperature after which it passes a molten zinc bath. Now the actual MHD process takes place where the zinc is magnetically wiped to the final coating thickness. Finally the wire is being cooled down, cut-to length and packed in sales units.

Cost efficient

Manufacturing costs are significantly reduced, compared to traditional hot-dipped galvanizing for continuous length products. MHD galvanizing is less energy consuming and high speed due to continuous process.

Environmentally friendly

As a company, HiKOKI has described an environmental vision to achieve more sustainability in the value chain. By eliminating the hazardous chemicals found in a traditional galvanizing line, i.e., acid, flux, and rinse, the MHD process as used on the galvanized nails is eco-friendly! There are no hazardous chemicals or by-products to worry about in an MHD system.


High quality

The HiKOKI Proline nails are made out of high quality steel and offered with a Full round- or D-head, both in bright and galvanized execution. All relevant quality standards and certifications are met.

Superior galvanizing technology:

- Non polluting, no acid, no flux.
- Low cost process for competitive market pricing.
- High quality galvanizing.
- Product manufactured from this passes the Eurocode 5 norms.

Framing Nails

	Size (mm)	Shank type	Finish	PQ	MOQ	Item	Barcode	Price (excl. VAT)	Price (incl. VAT)
Framing nail 34° - D-clipped head - paper collated									
	2,8 x 50	Ring	Bright	3,000	1	753631	8717574059069	00.00	00.00
	2,8 x 50	Ring	MHD	3,000	1	753611	8717574053128	00.00	00.00
	2,8 x 50	Smooth	MHD	3,000	1	4100401	8717574059595	00.00	00.00
	3,1 x 50	Ring	Hot dip galvanized	4,800	1	705453	8717472817648	00.00	00.00
	2,8 x 55	Ring	Bright	3,000	1	753632	8717574059076	00.00	00.00
	2,8 x 55	Ring	MHD	3,000	1	753612	8717574053135	00.00	00.00
	2,8 x 55	Smooth	MHD	3,000	1	4100402	8717574059601	00.00	00.00
	3,1 x 63	Ring	Hot dip galvanized	4,800	1	705456	8717472817679	00.00	00.00
	2,8 x 65	Ring	Bright	3,000	1	753633	8717574059083	00.00	00.00
	2,8 x 65	Ring	MHD	3,000	1	753613	8717574053142	00.00	00.00
	2,8 x 65	Smooth	MHD	3,000	1	4100403	8717574059618	00.00	00.00
	2,8 x 75	Ring	Bright	2,500	1	753634	8717574059090	00.00	00.00
	2,8 x 75	Ring	MHD	2,500	1	753614	8717574053159	00.00	00.00
	2,8 x 75	Smooth	MHD	2,500	1	4100404	8717574059625	00.00	00.00
	3,1 x 75	Ring	Hot dip galvanized	2,500	1	705459	8717472817709	00.00	00.00
	3,1 x 82	Smooth	MHD	2,500	1	4100405	8717574059632	00.00	00.00
	3,1 x 90	Ring	Bright	2,500	1	753636	8717574059106	00.00	00.00
	3,1 x 90	Ring	MHD	2,500	1	753616	8717574053166	00.00	00.00
	3,1 x 90	Smooth	MHD	2,500	1	4100406	8717574059649	00.00	00.00

Suitable for e.g. HiKOKI and Hitachi nailer NR1890DBCL, NR90GC(2) and NR90AD.