

WOOD TO METAL DOWEL

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Wood-to-metal dowel screws are designed for fastening wood to metal, providing a strong and durable connection without the need for through-bolts. One end has a wood screw thread to grip timber, while the other end features a machine screw thread for securing into metal or threaded inserts. Commonly used in furniture, fixtures, and structural applications.

Function

Dual-thread design: wood screw thread on one end, machine screw thread on the other. Allows fastening of timber directly to metal structures or pre-threaded components. Eliminates need for exposed bolt heads or nuts on the visible surface. Available in various diameters and lengths to suit different applications. Manufactured from carbon steel, zinc-plated for corrosion resistance.



Part No.	Dowel Size (Wood × Metal Thread)	Overall Length (mm)	Wood Thread Length (mm)	Metal Thread Length (mm)	Tensile Strength (kN)	Shear Strength (kN)	Drill Hole in Metal (mm)
IC402096650	6 × M6	50	25	25	3	2.5	6.2
IC402096860	6 × M8	60	30	30	4.2	3.6	8.2
IC402098660	8 × M6	60	30	30	3.2	2.7	6.2
IC402098870	8 × M8	70	35	35	4.5	3.8	8.2
IC402091080	8 × M10	80	40	40	5.8	4.9	10.2
IC4020910880	10 × M8	80	40	40	4.8	4	8.2
IC40209101090	10 × M10	90	45	45	6	5.1	10.2
IC402091210100	12 × M10	100	50	50	6.5	5.6	10.2
IC402091212110	12 × M12	110	55	55	8	6.8	12.2