

2221 SERIES		BODY-CARBON STEEL, ZINC PLATED STEM-CARBON STEEL, ZINC PLATED					
PROTRUDING HEAD	Part No.	'A'	'B'	'D'	'M'	Grip Range	Hole Dia.
	02221/0812	6.35	13.08	2.54	13.1	1.5-3.5	6.7-6.9
	02221/0813	6.35	13.08	2.54	14.3	2.8-4.8	6.7-6.9
	02221/0814	6.35	13.08	2.54	15.0	3.35-5.35	6.7-6.9
	02221/0815	6.35	13.08	2.54	16.4	4.8-6.8	6.7-6.9
	02221/0817	6.35	13.08	2.54	18.3	6.8-8.8	6.7-6.9
	02221/0819	6.35	13.08	2.54	20.3	8.8-10.8	6.7-6.9
	02221/0821	6.35	13.08	2.54	22.3	10.8-12.8	6.7-6.9

All dimensions in mm, and are nominal.
Information above is issued as a guidance only.

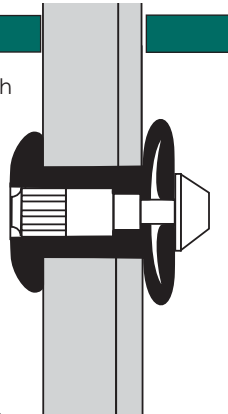
HIGH SHEAR STRENGTH

The salient feature of Hemlok is the extremely high stem retention achieved by positive engagement between the stem and shell.

Industries with potential for Hemlok include the following:

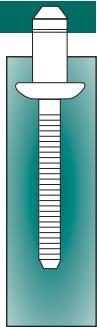
- AUTOMOTIVE
- AGRICULTURAL EQUIPMENT
- BUS, COACH AND RAILWAY STOCK
- COMMERCIAL VEHICLE
- ELECTRICAL ENGINEERING

The cross-section diagram shows an installed Hemlok fastener in the thin back sheet condition.



Hemlok

Hemlok fastening and Assembly Systems are based on a unique, high performance fastener which is designed to meet the demanding standards within manufacturing industries. Many industries have adopted thin gauge materials for economic assembly, but still have a requirement for high strength joints. Automotive, electrical, and Domestic Appliance manufacturers are examples of such industries which can achieve significant, cost-effective benefits using Hemlok systems.



Hemlok is a unique Avdel product which comprises a steel or aluminium stem and shell. Steel components are zinc plated and gold passivated to ensure good corrosion resistance. The fastener is supplied as a single component ready for immediate use, and is available in 6.4mm (1/4") diameter in seven lengths. It is installed from one side of the workpiece, and is designed with a chamfer at both ends of the stem.

This facilitates easy insertion into the placing tip of the installation equipment, and into the hole in the workpiece. The installed fastener breaks flush with or below the surface of the low profile Hemlok head, leaving a clean finish and appearance. Hemlok provides high strength and good clamp-up, and the well formed fastener tail achieves this without deforming thin sheet material.

PLACING SEQUENCE

