



CMP 450 kN / 45 ton hexagonal compression dies are specifically designed to provide superior electrical and mechanical properties of the crimped product. The hexagonal compression aperture is designed for the most optimal compression ratio of copper compression lugs and splices. These dies suit copper compression lugs and splices from 300 mm² to 1,000 mm².

CMP dies are certified with CMP ZerOhm lugs and splices; they are manufactured from high strength tool steel, ensuring long life and wear resistance. All dies have a black oxide coating, providing a hard wearing corrosion resistance.

Clear marking on the front faces makes die selection for the CMP ZerOhm range easy. There is an identification imprint on the internal crimping aperture, which stamps the die index number onto the crimped product for easy inspection.

TECHNICAL DATA	
ETIM Classification	EC000168
Compatible Lug Material	Copper
CMP Compatible Crimping Tools	CMP-HCH450
Minimum Crimping Force (kN)	450
Crimping Profile	Hexagonal
Finish/Coating	Black Oxide Coating
Material	High Strength Tool Steel

Features

- Hexagonal crimp profile
- Black oxide coating - corrosion resistant
- Die index numbers match conductor cross sectional area, making die selection simple
- The die index number is stamped onto the crimped product for inspection
- Compatible with CMP-HCH450 crimping head

Die Identification		CRIMPING PARAMETERS				
Part Number	Cable Size (mm ²)	Lug Compatibility	Die Index No.	Crimp Width (mm)	Number of Crimps Standard Barrel	Number of Crimps Long Barrel
450H300H	300	ZerOhm Pro	300H	25	1	2
450H400H	400		400H	25	1	2
450H500H	500		500H	25	1	2
450H630H	630		630H	18	2	3
450H800H	800		800H	26	2	3
450H1000H	1000		1000H	18	3	5