

## Weld-On Hook Powertex WH



### Product information

Enhance your lifting and handling operations with the Powertex Weld-on Hook WH, a robust and reliable solution for welded mounting on lifting beams, excavators, and other earth-moving machinery. Engineered to meet the rigorous demands of industrial environments, the WH hook ensures secure and efficient load handling.

#### Allowed loading directions:

- The WH hook is designed to be loaded within a 135-degree area in the intended load plane (+45 to -90 degrees from the weld-on surface)

#### Product features:

**Durable finish:** Coated in PURE RED powder paint, the WH Weld-on hooks stand out for their durability and corrosion resistance.

**Ready for welding:** The weld base is not painted, allowing for immediate welding without excessive smoke or fumes.

**Compliance to standard:** Manufactured to meet the testing requirements specified by EN 1677-1 and AS 3776, ensuring high safety and quality standards.

**Reliable:** Designed with a safety factor of at least 4 in the intended load directions, offering a secure lifting experience. Safety factor of 5 when loaded parallel to the weld base.

**Quality assurance:** Each component undergoes crack detection testing and sample proof loading in the factory.

**Type testing:** Each model undergoes factory type testing, including breaking tests and a fatigue test to 20,000 cycles at 1.5 times the WLL, which highlights the product's endurance.

**Full traceability:** Every component is marked with POWERTEX branding, model name, WLL, CE-mark, UKCA-mark, and a traceability code, ensuring traceability to the production lot and raw materials.

**Harmless:** Chromium 6 free, aligning with environmental safety standards.

**Certificates included:** Comes with a Powertex 2.2 certificate & Declaration of Conformity with each box, confirming compliance with EC and UK regulations.

**Wide temperature range:** Optimized for use between -40°C to +200°C without WLL reduction, with permissible WLL reductions for

higher temperature ranges, ensuring adaptability to various environments.

**Features:** Weldable base prepared for immediate welding, spart part kits available

**Material:** Forged Alloy Steel

**Marking:** CE-marked, UKCA-marked, Powertex, model name, WLL and batch number

**Temperature range:** -40°C up to +200°C

**Finish:** Powder painted in PURE RED

**Note:** The LPW is WLL (Working Load Limit) rated, assuming that the correct welding procedure is meticulously followed and executed by a suitably qualified welder, to maintain the product's integrity and compliance with safety regulations.

Part code	Code	WLL ton	A mm	B mm	C mm	E mm	F mm	H, mm	Mmm mm	L mm	Pmm mm	Weight kg	Delivery time
420500101250	WH-1T	1	23	76	63	22	18	93	22.5	101	25	0.54	2
420500201250	WH-2T	2	29	92	66	26	20.5	81	23.3	111	34	0.87	2
420500301250	WH-3T	3	30	106	75	30	24	116	30	128	36	1.3	2
420500501250	WH-5T	5	39	133	98	36	28	160	43	176	43.5	2.7	2
420500801250	WH-8T	8	36	137	99	34.5	39	166	50	175	51	3.5	2
420501001250	WH-10T	10	49	169	140	49	38	205	55	222	53	5.2	2

# Blueprint

