

Heavy-duty expansion anchor HSL-3



Base materials

- Concrete (cracked)
- Concrete (uncracked)

Applications

- Heavy-duty fastenings in high safety-relevant or dynamic applications, including applications in nuclear power plants
- Heavy-duty applications e.g machines, heavy equipment, steel columns, heavy pipe supports, pumps, beam supports, medical equipment, cantilevers, cranes, car hoists, etc.

Advantages

- High tension and shear load capacities
- Force-controlled expansion which allows follow-up expansion
- ETA Option 1 for cracked and uncracked concrete

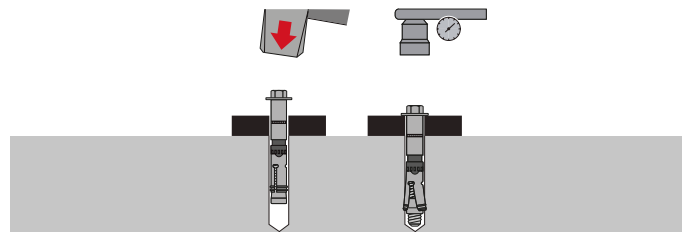
Technical data

Material composition	Steel, zinc-plated (min. 5 µm), Bolt: steel, 8.8 grade, zinc-plated (min. 5 µm)
Head configuration	Hex head
PROFIS	Yes

Approvals

BZS/shock	BZS for HSL-3
ETA	ETA-02/0042 for HSL-3 (ETAG 001-2, Option 1)

Approvals and test reports may apply to selected products only. Please refer to the documents for details.



These are abbreviated instructions which may vary by application. Always review/follow the instructions accompanying the product or refer to www.hilti.com/techlib.

Ordering designation	Anchor size	Anchor length	Base plate clearance hole	Required tightening torque	Wrench size	Sales pack quantity	Item number
HSL-3 M8/5	M8	83 mm	14 mm	25 Nm	13 mm	40 pc	371774 ¹⁾
HSL-3 M8/20	M8	98 mm	14 mm	25 Nm	13 mm	40 pc	371775
HSL-3 M8/40	M8	118 mm	14 mm	25 Nm	13 mm	40 pc	371776 ¹⁾
HSL-3 M10/20	M10	110 mm	17 mm	50 Nm	17 mm	20 pc	371778
HSL-3 M12/5	M12	111 mm	20 mm	80 Nm	19 mm	20 pc	371780 ¹⁾
HSL-3 M12/25	M12	131 mm	20 mm	80 Nm	19 mm	20 pc	371781
HSL-3 M12/50	M12	156 mm	20 mm	80 Nm	19 mm	10 pc	371782 ¹⁾
HSL-3 M16/25	M16	153 mm	26 mm	120 Nm	24 mm	10 pc	371784
HSL-3 M16/50	M16	178 mm	26 mm	120 Nm	24 mm	10 pc	371785 ¹⁾
HSL-3 M20/10	M20	163 mm	31 mm	200 Nm	30 mm	6 pc	371786 ¹⁾
HSL-3 M20/30	M20	183 mm	31 mm	200 Nm	30 mm	6 pc	371787
HSL-3 M20/60	M20	213 mm	31 mm	200 Nm	30 mm	6 pc	371788 ¹⁾
HSL-3 M24/30	M24	205 mm	35 mm	250 Nm	36 mm	4 pc	371790
HSL-3 M24/60	M24	235 mm	35 mm	250 Nm	36 mm	4 pc	371791 ¹⁾

¹⁾ This is a non-stock item. For detailed lead time information please contact your Hilti representative.

Please visit our website for the latest item numbers and related products.