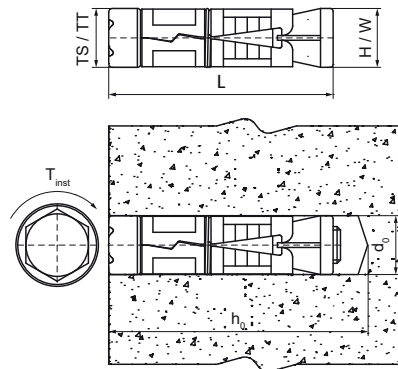


## Walraven WSA1 Shield Anchor

(L0335)



### Features & benefits

- three-part expanding sleeve provides optimal load and safety of use in many substrates
- for use with metric threaded rods or bolts
- suitable for use in multiple base materials
- material: steel
- zinc plated
- substrate type: concrete, hollow masonry, natural stone

| Product Number   | Thread Size | Thread Type | Total Height | Total Width | Total Length | Drill Hole Depth | Drill Hole Diameter | Torque Moment For Installation |
|------------------|-------------|-------------|--------------|-------------|--------------|------------------|---------------------|--------------------------------|
| Reference letter | TS          | TT          | H            | W           | L            | h0               | d0                  | Tinst                          |
| Unit description |             |             | mm           | mm          | mm           | mm               | mm                  | Nm                             |
| 6103608          | M8          | Metric      | 14           | 14          | 50           | ≥ 55             | 14                  | 15                             |
| 6103610          | M10         | Metric      | 16           | 16          | 60           | ≥ 65             | 16                  | 27                             |
| 6103612          | M12         | Metric      | 20           | 20          | 75           | ≥ 85             | 20                  | 50                             |
| 6103616          | M16         | Metric      | 25           | 25          | 115          | ≥ 125            | 25                  | 120                            |