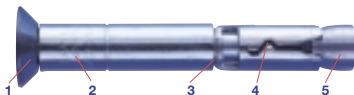


### Countersunk



- 1** 8.8 Countersunk bolt for flush-fitting installations
- 2** Sleeve provides maximum shear load performance. Bolt, drill size and minimum embedment depth are shown to ensure correct installation
- 3** Integral controlled collapse and anti-rotation feature ensures fixture is firmly secured
- 4** Unique zig-zag feature provides balanced expansion for secure setting and maximum load carrying capacity
- 5** Case-hardened nut with optimum taper angle for maximum expansion

#### Product Data

The Countersunk SafetyPlus™ Anchor is an all steel, high performance anchor for safety critical applications in concrete. It should be selected for applications where a flush fixing is required and where a bolt or stud projecting would cause a hazard, eg. Walkways, Platforms and Public Seating. Also for aesthetic reasons, typically architectural steelwork or high specification balustrading.

The Countersunk SafetyPlus™ is tightened using a hexagon driver making it particularly useful where security is important and where a conventional nut or bolt would be easier to remove.

Other features are in accordance with the standard SafetyPlus™ range. This anchor is tested in accordance with European Technical Approval requirements.


#### Available in:

Zinc-plated steel with 8.8 grade bolt

#### Typical Applications:

Structural Steel	Storage Systems	Public Seating
Walkways	Lighting Columns	Street Furniture
Signs	Decking	Platforms

### SafetyPlus™ Standard Range: Loose Bolt - Countersunk Head

	BOLT SIZE <i>(d)</i>	BOLT LENGTH (mm) <i>(l)</i>	HEX DRIVER SIZE (mm) <i>(mm)</i>	MAXIMUM HEAD DIAMETER (mm) <i>(d<sub>csk</sub>)</i>	MAXIMUM FIXTURE THICKNESS (mm) <i>(T<sub>fix</sub>)</i>	HOLE DIAMETER		MINIMUM HOLE DEPTH IN CONCRETE (mm) <i>(h<sub>o</sub>)</i>	MINIMUM SUBSTRATE THICKNESS (mm) <i>(h<sub>min</sub>)</i>	RECOMMENDED TORQUE (Nm) <i>(T<sub>inst</sub>)</i>	PRODUCT CODE  ZINC PLATED
						IN FIXTURE (mm) <i>(d<sub>f</sub>)</i>	IN CONCRETE (mm) <i>(d<sub>p</sub>)</i>				
	M8	90	6	22	20	14	12	80	120	25	50-210
	M10	105	8	28	25	17	15	90	140	50	50-220
	M12	125	10	33	30	20	18	105	160	80	50-235
	M16	145	12	40	30	26	24	125	200	180	50-250