



- 1 Internally threaded socket for stud or rebar
- 2 Integral controlled collapse and anti-rotation feature ensures fixture is firmly secured
- 3 Unique zig-zag feature provides balanced expansion ensuring secure setting and maximum load carrying capacity
- 4 Case-hardened nut with optimum taper angle for maximum expansion

### Product Data

The Rawl Socket Anchor is a versatile problem solver, providing a permanent high performance threaded socket for a wide variety of studding applications. The expander mechanism is the same as the Rawl SafetyPlus™.

The Socket Anchor can be set at any practical depth. Where increased tensile loads are required, a higher grade steel can be used. Where embedment depths are limited by rebar or substrate thickness, the Socket Anchor can be installed flush with the surface.

The Socket Anchor can also be considered where the cast-in system has been omitted or positioned incorrectly, subject to any edge and spacing distance restrictions.

Loads quoted are for tension only. For shear loads contact the Technical Advisory Service, as performance will vary due to grade of stud or rebar used.

**Available in:**  
Zinc-plated steel

**Typical Applications:**  
 Starter Bars                      Heavy Machinery  
 Formwork Support              Lighting Columns  
 Temporary Works                Structural Steelwork

## Socket Anchor

THREAD SIZE	ANCHOR LENGTH (mm)	HOLE DIAMETER		MAXIMUM RECOMMENDED TORQUE (Nm)		SET FLUSH TO SURFACE			SET AT DEPTH			PRODUCT CODE
		IN FIXTURE (mm) ( $d_f$ )	IN CONCRETE (mm) ( $d_p$ )	4.6 STUD ( $T_{Inst}$ )	8.8 STUD ( $T_{Inst}$ )	MINIMUM HOLE DEPTH (mm)	EFFECTIVE EMBEDMENT DEPTH (mm)	MINIMUM SUBSTRATE THICKNESS (mm)	MINIMUM HOLE DEPTH (mm)	EFFECTIVE EMBEDMENT DEPTH (mm)	MINIMUM SUBSTRATE THICKNESS (mm)	
M8	55	10	12	11	19	65	45	90	80	60	120	86-510
M10	67	12	15	22	37	75	55	110	90	70	140	86-515
M12	80	14	18	39	65	90	65	130	105	80	160	86-520
M16	95	18	24	96	163	105	80	160	125	100	200	86-525
M20	115	24	28	187	280	125	95	190	155	125	250	86-530

