

MACSIM[®]

**HEAVY DUTY
Anchoring Systems**



HLS Brace Anchors

NCC COMPLIANT
AS3850



Ideal for bracing prefabricated concrete elements during construction. This anchor has been tested in accordance with AS3850.1:2015 (Section A9).



WEDGE Anchors

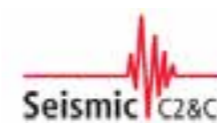
ETA APPROVED
AS5216



Anchor for heavy loads in cracked & non-cracked concrete. Option 1.



ETA 19/0670



CODE	Anchor Size	Socket size (mm)	Drill diameter (mm)	Embedment depth (mm)	Fixture thickness (mm)	Fixture hole clearance (mm)	Box Qty	Barcode
HLS1420BA	M14	30	20	100	20	22-25	25	9312862202586

CODE	SIZE	Nominal Drill hole dia. (mm)	Dia. clearance hole in fixture (mm)	Min. Standard Drill Hole Depth (mm)	Effective anchorage depth in concrete (mm)	Standard Concrete thickness (mm)	Installation Wrench SW	Installation Torque (Nm)	ETA option	Seismic	QTY/ Pack	Barcode
38G08075A	8mm x 75mm	8	9	60	46	100	13	16	Opt 1	C1&C2	100	9312862029985
38G08095A	8mm x 95mm	8	9	60	46	100	13	16	Opt 1	C1&C2	100	9312862029992
38G10090A	10mm x 90mm	10	12	75	60	120	17	20	Opt 1	C1&C2	50	9312862030004
38G10110A	10mm x 110mm	10	12	75	60	120	17	20	Opt 1	C1&C2	50	9312862030011
38G12105A	12mm x 105mm	12	14	90	70	140	19	40	Opt 1	C1&C2	50	9312862030028
38G12115A	12mm x 115mm	12	14	90	70	140	19	40	Opt 1	C1&C2	25	9312862030035

* BARCODE PREFIX: 9312862

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PRODUCT CODE	SIZE (mm)	MIN. EMBED. (mm)	DRILL (mm)	FASTEN (mm)	PACK QTY	CARTON QTY INNER QTY	PACK BARCODE*
WEDGE ANCHOR: Hex Head — Class 5.8 Steel							YELLOW ZINC PLATED

EXPANSION ANCHOR DESIGNED TO FIX STEEL COMPONENTS TO CONCRETE. DESIGNED FOR HEAVY LOADS.



Trade Box Pack							
3806065	6 X 65	32	6	30	100	16	031759
3806085	6 X 85	32	6	50	100	12	042519
3806100	6 X 100	32	6	65	100	10	054222
3806120	6 X 120	32	6	85	100	8	031704
3806150	6 X 150	32	6	115	100	10	031865
3806180	6 X 180	32	6	145	100	6	046869
3808050	8 X 50	35	8	8	100	10	049679
3808065	8 X 65	35	8	25	100	10	049686
3808090	8 X 90	35	8	45	100	6	049693
3810060	10 X 60	45	10	8	50	10	049709
3810075	10 X 75	45	10	20	50	8	049716
3810090	10 X 90	45	10	35	50	8	049723
3810120	10 X 120	45	10	65	20	14	049730
3812080	12 X 80	60	12	12	20	10	005675
3812100	12 X 100	60	12	25	20	12	005682
3812120	12 X 120	60	12	45	20	10	083741
3812140	12 X 140	60	12	65	20	10	005699
3816100	16 X 100	75	16	12	20	6	005705
3816125	16 X 125	75	16	30	20	5	005712
3816140	16 X 140	75	16	50	10	10	005736
3820125	20 X 125	95	20	12	10	6	005743
3820160	20 X 160	95	20	45	10	5	005750
3820215	20 X 215	95	20	95	10	6	005767

PRODUCT CODE	SIZE (mm)	MIN. EMBED. (mm)	DRILL (mm)	FASTEN (mm)	PACK QTY	CARTON QTY INNER QTY	PACK BARCODE*
WEDGE ANCHOR: Hex Head							304 STAINLESS STEEL

EXPANSION ANCHOR DESIGNED TO FIX STEEL COMPONENTS TO CONCRETE. DESIGNED FOR HEAVY LOADS.

304 STAINLESS STEEL CAN BE USED 1000M FROM COASTLINE.



Trade Box Pack							
38SS08065	8 X 65	35	8	25	100	8	229415
38SS08090	8 X 90	35	8	45	100	6	229309
38SS08120	8 X 120	35	8		100	6	238042

PRODUCT CODE	SIZE (mm)	MIN. EMBED. (mm)	DRILL (mm)	FASTEN (mm)	PACK QTY	CARTON QTY INNER QTY	PACK BARCODE*
WEDGE ANCHOR: Hex Head — Class 5.8 Steel							GALVANISED

EXPANSION ANCHOR DESIGNED TO FIX STEEL COMPONENTS TO CONCRETE. DESIGNED FOR HEAVY LOADS.



Trade Box Pack							
38G08050	8 X 50	35	8	8	100	10	045466
38G08065	8 X 65	35	8	25	100	10	045473
38G08090	8 X 90	35	8	45	100	6	045480
38G10060	10 X 60	45	10	5	50	10	045497
38G10075	10 X 75	45	10	20	50	8	045503
38G10090	10 X 90	45	10	35	50	8	045510
38G10120	10 X 120	45	10	65	20	14	045527
38G12080	12 X 80	60	12	12	20	14	005774
38G12100	12 X 100	60	12	25	20	12	005781
38G12120	12 X 120	60	12	45	20	10	083635
38G12140	12 X 140	60	12	65	20	8	005798
38G12160	12 X 160	60	12		20	6	228814
38G12180	12 X 180	60	12	110	20	6	084946
38G12200	12 X 200	60	12	120	20	6	228821
38G16100	16 X 100	75	16	12	20	6	005804
38G16125	16 X 125	75	16	30	20	10	005811
38G16140	16 X 140	75	16	55	20	4	005835
38G16180	16 X 180	75	16	95	10	8	045541
38G20125	20 X 125	95	20	12	10	6	005842
38G20160	20 X 160	95	20	45	10	5	005859
38G20215	20 X 215	95	20	95	10	6	005866

PRODUCT CODE	SIZE (mm)	MIN. EMBED. (mm)	DRILL (mm)	FASTEN (mm)	PACK QTY	CARTON QTY INNER QTY	PACK BARCODE*
WEDGE ANCHOR: Hex Head							316 STAINLESS STEEL

EXPANSION ANCHOR DESIGNED TO FIX STEEL COMPONENTS TO CONCRETE. DESIGNED FOR HEAVY LOADS.

316 STAINLESS STEEL CAN BE USED IN MARINE ENVIRONMENT.



Trade Box Pack							
38S06065	6 X 65	32	6	30	100	16	061862
38S08050	8 X 50	35	8	8	100	8	061879
38S08065	8 X 65	35	8	25	100	8	061886
38S08090	8 X 90	35	8	45	100	6	061893
38S10060	10 X 60	45	10	8	50	10	061909
38S10075	10 X 75	45	10	20	50	8	061916
38S10090	10 X 90	45	10	35	50	8	061923
38S10100	10 X 100	45	10	40	50	8	072776
38S10120	10 X 120	45	10	65	20	12	061930
38S12080	12 X 80	60	12	12	25	12	089675
38S12100	12 X 100	60	12	25	25	8	002599
38S12120	12 X 120	60	12	45	25	8	084953
38S12140	12 X 140	60	12	65	20	6	002605
38S16100	16 X 100	75	16	12	25	5	002612
38S16125	16 X 125	75	16	30	25	4	002636
38S16140	16 X 140	75	16	50	20	4	002643
38S16180	16 X 180	75	16	90	10	4	084960
38S20125	20 X 125	95	20	17	10	6	022085
38S20160	20 X 160	95	20	45	10	5	022092