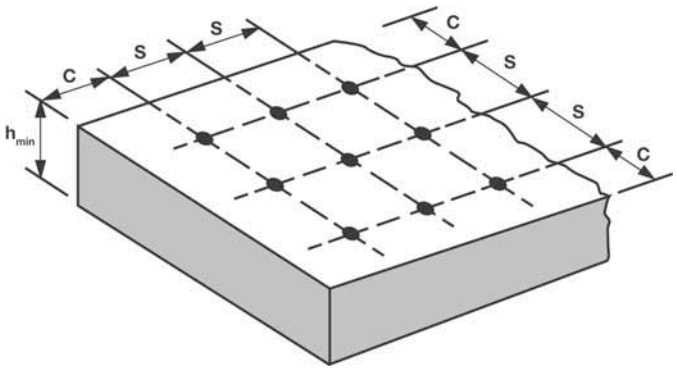
COUNTERSUNK HEAD ZINC PLATED

ASME B18.6.4, AS1789

Hole/Drill Diameter (mm)	Thread Size (mm)	Anchor Length (mm)	Hole Depth (mm)	Max. Fast. Thickness (mm)	Std Pack	Product Code
6.5	M5	35	30	5	100	ASKMZ060352
		55	40	15		ASKMZ060552
		75	55	20		ASKMZ060752
		100	65	35		ASKMZ061002
8	M6	40	25	15	100	ASKMZ080402
		60	35	25		ASKMZ080602
		85	50	35	50	ASKMZ080852
10	M8	75	55	20	50	ASKMZ100752
		100	60	40		ASKMZ101002
		125	75	50		ASKMZ101252



Notation, Spacing, Edge Distance & Base Material Thickness

COUNTERSUNK HEAD ZINC PLATED

INSTALLATION DETAILS

FASTENER DETAILS			INSTALLATION DETAILS									
Anchor/ Drill Diameter	Thread Size	Anchor Length	Effective Embedment Depth	Characteristic Anchor Spacing (Tension & Shear)	Characteristic Edge Distance (Tension & Shear)	Minimum Anchor Spacing (Tension & Shear)	Minimum Edge Distance (Tension & Shear)	Minimum Base Material Thickness	Maximum Fixture Thickness	Clearance Hole Diameter (Fixture)	Installation Torque (Concrete)	Phillips Driver
D_o (mm)	D (mm)	L (mm)	h_t (mm)	S_{cr} (mm)	C_{cr} (mm)	S_{min} (mm)	C_{min} (mm)	h_{min} (mm)	t_{fix} (mm)	D_c (mm)	T_{inst} (Nm)	PH#
6.5	M5	35	**30**	65	80	30	30	38	5	7	2.5	PH3
		55	**40**	65	80	30	30	50	15	7	2.5	PH3
		75	**55**	65	80	30	30	70	20	7	2.5	PH3
		100	**65**	65	80	30	30	85	35	7	2.5	PH3
8	M6	40	**25**	80	100	40	40	35	15	8	6.0	PH4
		60	**35**	80	100	40	40	45	25	8	6.0	PH4
		85	**50**	80	100	40	40	65	35	8	6.0	PH4
10	M8	75	**55**	100	120	50	50	70	20	10	11.0	PH4
		100	**60**	100	120	50	50	75	40	10	11.0	PH4
		125	**75**	100	120	50	50	95	50	10	11.0	PH4

PERFORMANCE DATA - CONCRETE (RECOMMENDED LOADS)

INSTALLATION DETAILS			RECOMMENDED LOADS IN CONCRETE (Nrec,c/ Vrec,c)									
Hole/ Drill Diameter	Major Thread Diameter	Embedment Depth	25MPa Concrete (fc)		32MPa Concrete (fc)		40MPa Concrete (fc)		50MPa Concrete (fc)		65MPa Concrete (fc)	
			Tension (Nrec,c) KN	Shear (Vrec,c) KN	Tension (Nrec,c) KN	Shear (Vrec,c) KN	Tension (Nrec,c) KN	Shear (Vrec,c) KN	Tension (Nrec,c) KN	Shear (Vrec,c) KN	Tension (Nrec,c) KN	Shear (Vrec,c) KN
(mm)	(mm)	(mm)										
6.5	M5	30	2.0	1.9	2.3	2.1	2.6	2.4	2.8	2.6	3.3	3.1
		40	2.7	2.0	3.1	2.2	3.5	2.5	3.8	2.7	4.4	3.2
		55	3.7	2.0	4.2	2.3	4.7	2.5	5.2	2.8	6.0	3.2
		65	5.1	2.1	5.8	2.3	6.5	2.6	7.1	2.9	8.2	3.3
8	M6	25	1.6	2.8	1.8	3.1	2.0	3.5	2.2	3.9	2.5	4.5
		35	2.6	3.0	2.9	3.4	3.3	3.8	3.6	4.2	4.2	4.8
		50	3.5	3.0	4.0	3.4	4.5	3.9	5.0	4.2	5.7	4.9
10	M8	55	7.1	4.8	8.1	5.5	9.2	6.2	10.0	6.8	11.6	7.8
		60	10.1	4.8	11.5	5.5	13.0	6.2	14.2	6.8	16.4	7.9
		75	14.7	5.3	16.8	6.0	19.0	6.8	20.8	7.5	24.0	8.6

All above Values are Design Values for anchors installed in concrete with anchors installed at characteristic embedment depths, as shown.
Recommended Loads have been derived with a Safety factor of 4.
All Shear Values are Single Shear.

For further performance data, including Characteristic, Working Stress, Limit State Design Values and design data please refer to our Web Site www.bremick.com.au