



SIZE	DIAMETER	A	B	C	D	E	SETTING TORQUE Nm (Kgcm)	MINIMUM FAIL TORQUE Nm (Kgcm)	SIZE	DIAMETER	A	B	C	D	E	SETTING TORQUE Nm (Kgcm)	MINIMUM FAIL TORQUE Nm (Kgcm)		
12	9.5-12	21	0.7	10	13	10	3.3±0.49 (34±5)	4.5 (46)	180	150-180	33	0.9	12	16	13	6.8±0.49 (69±5)	9.0 (92)		
16	11-16								200	170-200								220	190-220
20	13-20								240	210-240								260	230-260
22	14-22	23	0.9	12	16	13	4.4±0.49 (45±5)	6.8 (69)	280	250-280	300	270-300	320+	30mm ADJ					
25	17-25																		
30	22-30																		
35	25-35																		
40	30-40																		
45	35-45	33	0.9	12	16	13	5.9±0.49 (60±5)	9.0 (92)	TYPE		MATERIAL SPECIFICATION								
50	35-50								HGZ		BAND AND HOUSING: MILD STEEL TO BS1449: PART 1: 1983 GRADE C512 SCREW: MILD STEEL TO BS3111: PART 1: 1987 GRADE 0 ALL PARTS ELECTRO ZINC PLATED TO BS1706 ZN.3								
55	40-55								HGS		BAND AND HOUSING: STAINLESS STEEL TO BS1449: PART 2: 1983 GRADE 304 SCREW: STAINLESS STEEL TO BS3111: PART 2: 1979 GRADE 304								
60	45-60																		
70	55-70																		
80	60-80																		
90	70-90																		
100	80-100																		
120	90-120																		
140	110-140																		
160	130-160																		

DATE	ISSUE No.	MODIFICATION	APPROVED BY	ALL DIMENSIONS IN MILLIMETRES	SCALE	DRAWN BY	DATE DRAWN
21/10/91	1	FIRST ISSUE	ATT	THIRD ANGLE PROJECTION		ATT	18/10/91
3/4/93	2	MATERIAL SPECIFICATION ADDED	ATT		DRAWING TITLE		
10/6/94	3	SETTING & MIN. FAIL TORQUES INCREASED	ATT		HI-GRIP HOSE CLIP		
17/6/94	4	Kgcm CONVERSIONS ADDED	ATT	UNSPECIFIED TOLERANCES	DRAWING No.	ISSUE No.	SHEET 1 OF 1
23/6/94	5	ADJUSTMENTS TO MAX. SETTING TORQUE	ATT		1492	5	
				NO DECIMAL = ± 1mm 1 DECIMAL = ± 0.1mm 2 DECIMALS = ± 0.01mm ANGLES = ± 1/4°	JCS HI-TORQUE LTD. CHILTON INDUSTRIAL ESTATE SUDBURY, SUFFOLK, ENGLAND, CO10 6YH Tel: (0787) 76212 Fax: (0787) 880633 Telex: 987633		