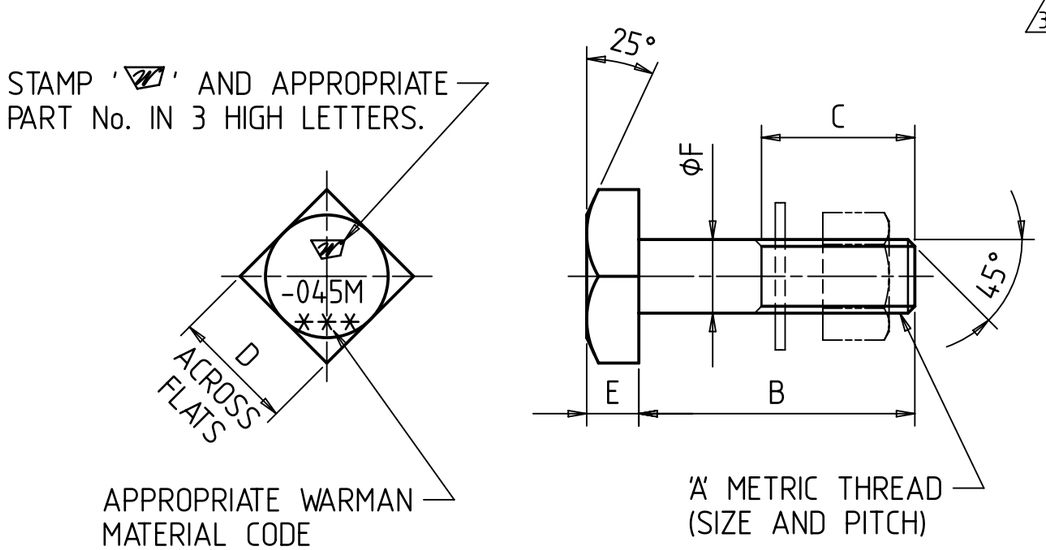

	PART No.	A SIZE	A PITCH	B	C	D	E	F	REMARKS
	A045M	M10	1,50	35	25	*16,00 14,86	6,60 6,10	10,58 9,42	SAME AS 175045
29	C045M	M10	1,50	45	25	*16,00 14,86	6,60 6,10	10,58 9,42	USED ON BSC PUMPS
31 32	D045M	M12	1,75	50	30	*20,83 20,00	8,71 8,20	12,70 11,30	
28	E045M	M16	2,00	65	48	25,65 *25,00	10,59 9,83	16,70 15,30	
	F045M	M20	2,50	75	44	*32,00 29,85	12,70 11,94	20,84 19,16	
28	G045M	M20	2,50	90	55	*32,00 29,85	12,70 11,94	20,84 19,16	
	H045M	M20	2,50	95	57	*32,00 29,85	12,70 11,94	20,84 19,16	
30	J045M	M24	3,00	140	102	*40,00 36,83	16,92 16,15	24,84 23,16	
	R045M	M16	2,00	70	38	25,65 *25,00	10,59 9,83	16,70 15,30	
	U045M	M30	3,50	120	80	*46,00 45,00	19.75 19,00	30,84 29,16	
	CGP045M	M10	1,50	45	25	16,00 14,86	6,60 6,10	10,58 9,42	
	EHRM045M	M12	1,75	55	25	*20,83 20,00	8,71 8,20	12,7 11,30	
	M16S1-60SN	M16	2,00	60	38	25,65 *25,00	10,59 9,83	16,70 15,30	USED ON 200 E-GP PUMP

NOTE : 1. SCREW THREAD TOLERANCES TO ISO 724:1993; 965-3:1998 CLASS 8g. THREAD ROOT CONTOURS TO CONFORM TO ISO 965-1:1998. CHECK FINISHED THREADS WITH GO-GAUGE TO ISO 1502:1996.

2. LIMITS OF DIMENSION 'D' MARKED (*) HAVE BEEN ROUNDED UP OR DOWN TO NEAREST SIZE METRIC SQUARE BAR.

3. EACH BOLT TO BE SUPPLIED WITH 1 HEX. NUT TO DRG. ESY7500 AND 1 PLAIN WASHER TO DRG. ESY7497.

MATERIAL : WARMAN CODE C23 UNLESS OTHERWISE SPECIFIED.

REV	DESCRIPTION	DATE	REF NO	BY	CHK
31	PART No. D045M BOLT LENGTH DIM. 'B' WAS 45 LONG.	14AUG2020	PCN-05004378	RR	SK
30	PART No. J045M DIM. 'F' WAS 28,84/23,16. MASTER MODEL CREATED AND PARTS DRIVEN FROM PART FAMILY OPTION. TEAMCENTER STRUCTURE UPDATED.	20JAN2020	PCN-05003106	RR	SK
29	PART No. C045M BOLT LENGTH DIM. 'B' WAS 40 LONG.	04NOV2019	EDR-MD19043	DRA	MGD
32	PART No. D045M DIM 'C' WAS 25.	4JUN2021	SPTG-00073	APS	SK

FOR LIMITS OF UNTOLERANCED DIMENSIONS REFER TO DRG. A4-15895.

OFFICE OF ORIGIN : ARTARMON

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SCALE: --
APP: -
CHK: JA
DRN: S.WALKER
DATE: 13JAN1998
SHEET 1 OF 1

PRODUCT
WARMAN®
Centrifugal Slurry Pumps

WEIR Minerals

TITLE
GLAND BOLTS *045***

SHEET SIZE A3 | DRAWING No ESY2345 | REVISION 32