

CONTENTS FOR SCREW THREAD INFORMATION & TABLES

No.		PAGES
0	INTRODUCTION	
0.01	FIRST PAGE	1
0.02	CONTENTS	1
0.03	INTRODUCTION	1
1	BASIC INFORMATION ON SCREW THREADS	
1.01	THE MOST IMPORTANT DIMENSIONS ON A SCREW THREAD	1
1.02	SCREW THREAD TYPES & THEIR USE	1
1.03	BASIC SCREW THREAD TOLERANCES & THEIR SIGNIFICANCE	1
1.04	INFORMATION ON METRIC, UNC & PIPE THREADS	4
1.05	THREAD ROOT TOLERANCE AREA FOR METRIC & UN THREADS	1
1.06	FLANK ANGLE TOLERANCES FOR METRIC & UN THREADS	1
1.07	THREADS & PITCHES	1
1.08	BORE DIAMETERS & TOLERANCES FOR INTERNAL THREADS	4
2	NOMINAL PITCH DIAMETER d2 & D2	
2.01	CALCULATING NOMINAL PITCH DIAMETER d2 & D2	2
2.02	NOMINAL PITCH DIAMETER FOR METRIC THREADS	4
2.03	INFORMATION ON PITCH DIAMETER TOLERANCES FOR M, UNC, WHITWORTH PROFILE PIPE THREADS (G) & BSW	1
3	PITCH DIAMETER TOLERANCES FOR STANDARD THREADS	
3.0	M3 – M180 & PITCHES FROM 0.5 – 8MM	15
3.01.1	M-6g (STANDARD)	1
3.01.2	M-4h	1
3.01.3	M-6e	1
3.01.4	M-6f	1
3.02.1	M-6H (STANDARD)	1
3.02.2	M-5H	1
3.02.3	M-6G	1
3.02.4	M-7H	1
3.03.1	UNC-1A	1
3.03.2	UNC-2A (STANDARD)	1
3.03.3	UNC-3A	1
3.03.4	UNF-1A	1
3.03.5	UNF-2A (STANDARD)	1
3.03.6	UNF-3A	1
3.04.1	UNC-1B	1
3.04.2	UNC-2B (STANDARD)	1
3.04.3	UNC-2C	1
3.04.4	UNF-1B	1
3.04.5	UNF-2B (STANDARD)	1
3.04.6	UNF-3B	1
3.05	ISO 228 PIPE THREADS G/BSPP where pressure tight joints are not made on the thread.	1
3.06	TAPERED PIPE THREADS R, Rc & NPT – PITCH DIAMETER	1
3.07	NPSM & NPSL	1
3.08	BSW & BSF	2
3.09	STEEL CONDUIT THREADS – Pg (Pr)	1
3.10	KNUCKLE THREADS - Rd	2
3.11	ISO TRAPEZOIDAL THREADS Tr	4
3.12	ACME THREADS – 2G, 3G & 4G	2
3.13	ACME & STUB ACME THREAD PROFILES	3
4	SCREW THREAD MEASUREMENT & INSPECTION	
4.01	ADVANTAGES & DISADVANTAGES USING DIFFERENT METHODS	2
4.02	WORTH KNOWING WHEN USING THREAD PLUG & RING GAUGES FOR INSPECTION	2