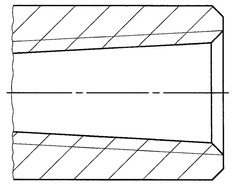
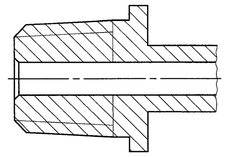
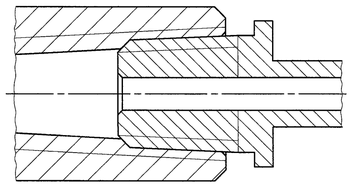
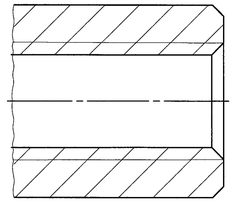
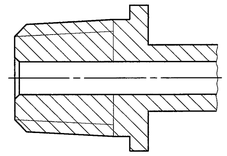
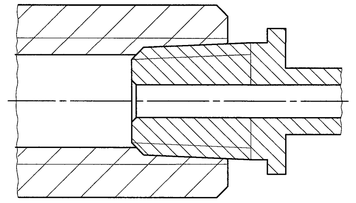
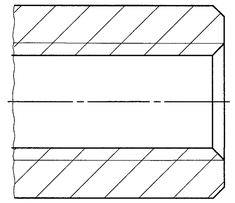
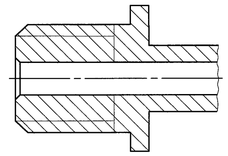
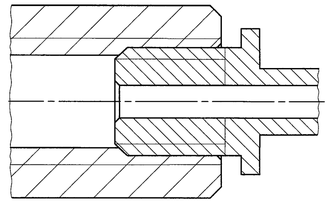
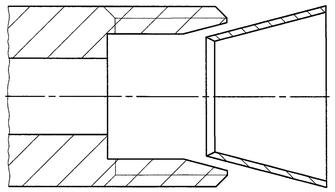
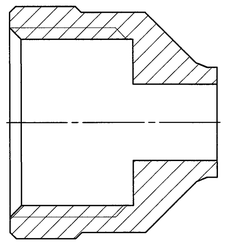
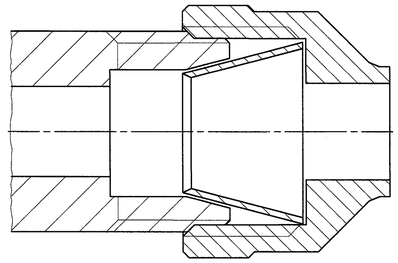
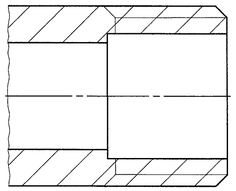
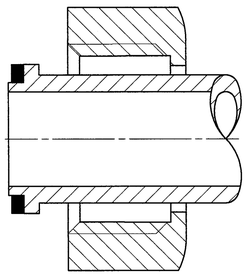
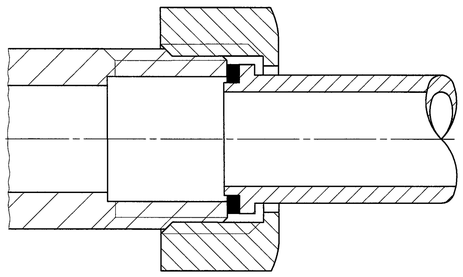
	PREFERENCE	INTERNAL THREAD	EXTERNAL THREAD	FINISHED ARRANGEMENT	NOTES	GOVERNING STANDARD
SEALING PIPE THREAD	HIGHEST STANDARD ACCEPTED	FEMALE TAPERED THREAD  THREAD DESIGNATION "RC"	MALE TAPERED THREAD  THREAD DESIGNATION "R"		• USE NO MORE THAN THREE WRAPS OF SEALING TAPE. • KEEP 2 TO 3 THREADS VISIBLE WHEN ITEMS FULLY TIGHTENED. • HIGHEST SEALING CLASS. • DURABLE AND LONG TERM CONNECTION.	AS I.S.O. 7.1 (FORMALLY AS1722.1 WHICH WAS SUPERSEDED IN 2008)
	ACCEPTED ARRANGEMENT	FEMALE PARALLEL THREAD  THREAD DESIGNATION "RP"	MALE TAPERED THREAD  THREAD DESIGNATION "R"		• USE NO MORE THAN THREE WRAPS OF SEALING TAPE. • KEEP 2 TO 3 THREADS VISIBLE WHEN ITEMS FULLY TIGHTENED. • ACCEPTED SEALING ARRANGEMENT. • GOOD SEALING BUT HAS POINT LOCKING ONLY AT THREAD ENTRANCE.	AS I.S.O. 7.1 (FORMALLY AS1722.1 WHICH WAS SUPERSEDED IN 2008)
FASTENNING PIPE THREAD	NOT ACCEPTED WITHOUT PRIOR WATER CORP. APPROVAL	FEMALE PARALLEL THREAD  THREAD DESIGNATION "G"	MALE PARALLEL THREAD  THREAD DESIGNATION "G"		• LIMITED INTERFERENCE BETWEEN THREADS • SEALING REQUIRE APPROPRIATE NUMBER OF SEALING TAPE WRAPS TO SEAL APPROPRIATELY • DIFFICULT TO FIX AS ITEM CAN SCREW IN COMPLETELY WITH NO THREADS VISIBLE • DEPENDENT ON QUALITY AND INSTALL PROCEDURE OF SEALING MATERIAL USED • NOT DURABLE.	AS1722.2
	NOT ACCEPTED WITHOUT PRIOR WATER CORP. APPROVAL				• EXAMPLE OF PRESSURE JOINT WHERE SEALING MADE ON CONE/OLIVE • TYPICALLY THE MALE AND FEMALE THREADS ARE BOTH "G" DESIGNATION AND DO NOT PROVIDE A SEALING INTERFACE BETWEEN THEM. • THE TIGHTENING OF THE THREADS DEFORMS AND LOCKS THE CONE/OLIVE AGAINST THE INTERAL COMPONENTS FORMING THE SEAL.	
	NOT ACCEPTED WITHOUT PRIOR WATER CORP. APPROVAL				• EXAMPLE OF PRESSURE JOINT WHERE SEALING MADE ON GASKET • TYPICALLY THE MALE AND FEMALE THREADS ARE BOTH "G" DESIGNATION AND DO NOT PROVIDE A SEALING INTERFACE BETWEEN THEM. • THE TIGHTENING OF THE THREADS CRUSHES THE GASKET FORMING THE SEAL. • ACCEPTED ON WATER METERS	

ISSUE	DATE	GRID	REVISION	DRN	REC	APPD

DESIGN SURVEY NONE | VERTICAL DATUM NONE | COORDINATE SYS NONE | ASCON SURVEY NONE | DES REF

DES CALC C WOOLFORD | DES CHD A PROTANS | DRN M. DUKOWICZ | Q.C. CHD P. MIRCO

NORTH POINT

ENGINEERING

RECOMMENDED C Woolford 15/11/2017 SENIOR ENGINEER, WDCS

APPROVED 15/11/17 SENIOR PRINCIPAL ENGINEER, WDCS

WATER CORPORATION

WATER RETICULATION STANDARD DRAWINGS THREAD DESIGNATIONS

FILE JT1 2009 00676 V01 | PLAN BD22-15-1 | CAD | ISSUE A | ORIGINAL SHEET SIZE A1

PROJECT | MF 21 NOV 2017

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