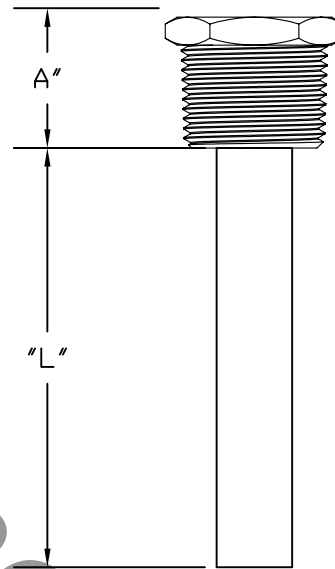


BAYONET END STYLE "B"

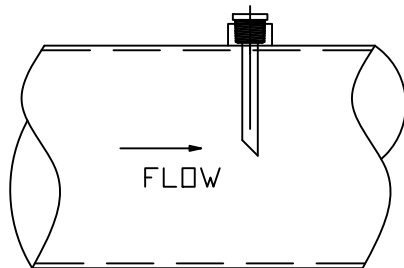


FLAT END STYLE "F"

INSTALLATION NOTES/RECOMMENDATIONS

INSTALL BEVELED EDGE FACING UPSTREAM FOR MAXIMUM CHEMICAL DISPERSAL

FOR SMALLER PIPES (LESS THAN 4" DIA) CUT THE QUILL LENGTH SO THAT CHEMICALS ARE INJECTED IN THE CENTER OF THE PIPE.



QUILL DIMENSIONS

NOMINAL CONNECTION SIZE NPT (MALE)	QUILL O.D. (in)	I.D. CONN. SIZE NPT (FEMALE)	"A" (in)
1/2"	0.54	1/4"	7/8"
3/4"	0.68	1/2"	29/32"
1"	0.84	3/4"	1-1/8"
1-1/2"	1.05	1"	1-7/16"
2"	1.9	1-1/2"	1-7/16"

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 DO NOT SCALE DRAWING
 DIMENSIONING AND TOLERANCING
 PER ASME Y14.5M-1994
 AND APPLICABLE STANDARDS
 DECIMALS .XX ±.030
 .XXX ±.010
 ANGLES ±1°
 SURFACE ROUGHNESS 125 ✓
 RUNOUT .010_TIR
 BREAK CORNERS .005-.015
 INTERNAL RADII .015-.030

DRAWN DBA
 CHECKED ET
 DESIGN APPROVED
 MFG. APPROVED
 QA APPROVED
 RELEASE DATE 1/24/2000

INYO PROCESS
 WWW.INYOPROCESS.COM
 METAL QUILLS WITHOUT CHECK VALVE
 SIZE A
 CAGE CODE -
 DRAWING NO QM-001
 REV 1
 SCALE - WEIGHT - SHEET 1 OF 2

PART NUMBER EXAMPLE "QM5S2B"

QM 5 S 2 B

D.D. CONN. SIZE NPT (MALE)	CODE	QUILL MAT'L	CODE	LENGTH (in)	END STYLE	CODE
1/2"	5	316L S.S.	S	2	BAYONET	B
3/4"	7	HASTELLOY C-276	H	3	FLAT	F
1"	10	TITANIUM	T	4		
1-1/2"	15	ALLOY 20	A	6		
2"	20	OTHER MATERIALS AVAILABLE		10		
				12		
				14-24		

INYO PROCESS

TEMPERATURE & PRESSURE RATINGS		
QUILL MAT'L	PRESSURE MAX (PSI)	TEMP MAX (*F)
316L S.S.	1500	400
HASTELLOY C-276		
TITANIUM		

UNLESS OTHERWISE SPECIFIED		INYO PROCESS			
DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING		DRAWN	DBA		
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994 AND APPLICABLE STANDARDS		CHECKED	ET		
DECIMALS .XX ±.030 .XXX ±.010		DESIGN APPROVED	METAL QUILLS WITHOUT CHECK VALVE		
ANGLES ±1°		MFG. APPROVED			
SURFACE ROUGHNESS 125 ✓		QA APPROVED			
RUNOUT .010_TIR BREAK CORNERS .005-.015 INTERNAL RADII .015-.030		RELEASE DATE			
		9/24/2000	A	-	QM-001
			SCALE	WEIGHT	REV
			-	-	1
					SHEET 2 OF 2