

REV  
SH  
DWG NO

REVISIONS

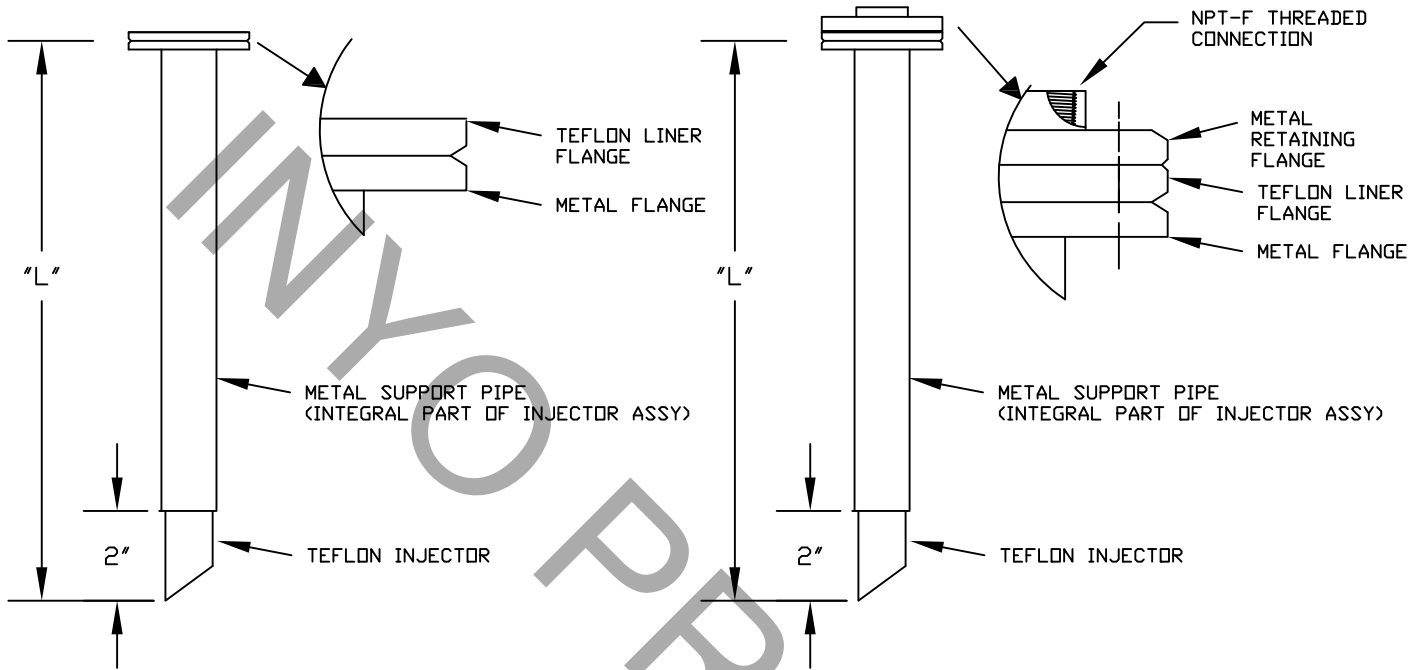
DESCRIPTION

DATE

APPROVED

FLANGE STYLE CONNECTS WITH RAISED FACE & FLAT FACED FLANGES

THREADED STYLE CONNECTS TO PIPING/TUBING WITH THREADED NPTF FITTING



PART NUMBER EXAMPLE "FLL10S10BT"

FLL 10 S 10 B T

NOMINAL DIAMETER "ø"	CODE
1" (FITS INTO 1" SCH 40 FLANGED PORT)	10
1-1/2" (FITS INTO 1-1/2" SCH 40 FLANGED PORT)	15
2" (FITS INTO 2" SCH 40 FLANGED PORT)	20

SUPPORT PIPE MAT'L	CODE
316L S.S.	S
HASTELLOY C-276	H
ALLOY 20	A

LENGTH (in)
4
6
10
12
14
16-36

CONNECTION STYLE	CODE
FLANGE	F
THREADED NPT-F COUPLING	T

OTHER LENGTHS AVAILABLE

UNLESS OTHERWISE SPECIFIED	PROJECT NO.	-		
	DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING	DRAWN	DG 06/21/09	
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994 AND APPLICABLE STANDARDS	DECIMALS .XX ±.030 .XXX ±.010	CHECKED	EC 06/21/09	
	ANGLES ±1°	DESIGN APPROVED	-	
	SURFACE ROUGHNESS 125 ✓	MFG. APPROVED	-	
	RUNOUT .010_TIR BREAK CORNERS .005-.015 INTERNAL RADII .015-.030	QA APPROVED	-	
	RELEASE DATE	06/21/09	SIZE	A
			CAGE CODE	-
			DRAWING NO	FLL-1002
			REV	2
			SCALE	-
			WEIGHT	-
			SHEET	1 OF 3

INYO PROCESS

TEFLON LINED FLANGED INJECTOR MODEL NUMBERS

REV

SH

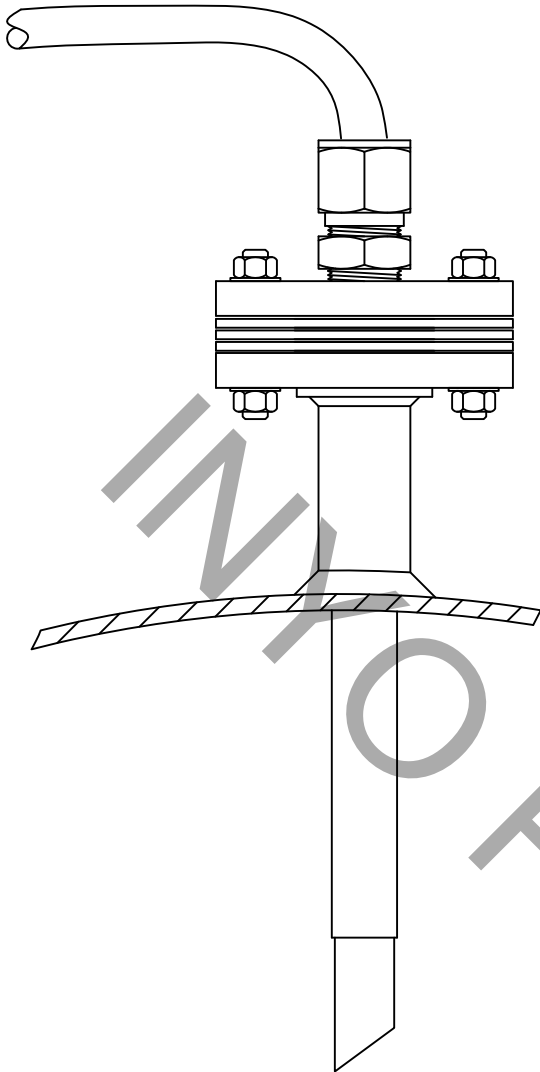
DWG NO

## REVISIONS

DESCRIPTION

DATE

APPROVED



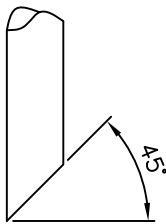
## NOTES:

1. INJECTORS ARE DESIGNED TO FIT INSIDE A PIPE CORRESPONDING TO THE NOMINAL INJECTOR SIZE.
2. TEFLON LINED INJECTORS ARE DESIGNED FOR STRONG ACIDS AND OTHER AGGRESSIVE CHEMICALS IN LARGER DIAMETER PIPELINES THAT REQUIRE THE LENGTH OF A LONGER TEFLON QUILL AND THE STRENGTH OF A METAL QUILL.
3. INJECTORS ARE AVAILABLE WITH BOTH FLANGE CONNECTION AND THREADED END CONNECTIONS. SEE DATA SHEET FOR STANDARD CONNECTIONS AVAILABLE. CUSTOM CONFIGURATIONS ARE AVAILABLE.
4. INJECTORS (INCLUDING LARGER SIZES) CAN BE CONFIGURED TO MEET YOUR SPECIAL REQUIREMENT. CONTACT INYO PROCESS FOR A CUSTOM DESIGN.
5. INJECTORS CAN BE SUPPLIED FOR DIN/BRITISH/AUSTRALIAN FLANGES. CONTACT INYO PROCESS FOR YOUR CUSTOM CONFIGURATION.
6. A CHECK VALVE IS RECOMMENDED TO BE INSTALLED CLOSE TO THE INJECTOR WHEN INJECTING CONCENTRATED ACIDS.

## INJECTOR DIMENSIONS

NOMINAL DIA. "Ø" OF NOZZLE	OUTER DIAMETER "Ø"	QUILL I.D. (in)	SUGGESTED MAX. FLOW RATE (gpm)	MAX. FLOW RATE (Lpm)
1"	.85"	1/4"	0.75	3
1-1/2"	1.33"	1/2"	3.5	15
2"	1.9"	1"	15	56

LARGER SIZES ARE AVAILABLE, CONTACT INYO FOR DETAILS.



STANDARD WITH BAYONET  
END STYLE "B"

UNLESS OTHERWISE SPECIFIED	PROJECT NO.	INYO PROCESS		
DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING	DRAWN	TEFLON LINED FLANGED INJECTOR MODEL NUMBERS		
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994 AND APPLICABLE STANDARDS	CHECKED	SIZE	CAGE CODE	DRAWING NO
DECIMALS .XX ±.030 .XXX ±.010	DESIGN APPROVED	A	-	FLL-1002
ANGLES ±1'	MFG. APPROVED	SCALE	WEIGHT	REV
SURFACE ROUGHNESS 125 ✓	QA APPROVED	-	-	1
RUNOUT .010_TIR BREAK CORNERS .005-.015 INTERNAL RADII .015-.030	RELEASE DATE	SHEET		
	06/21/09	2 OF 3		

REV

SH

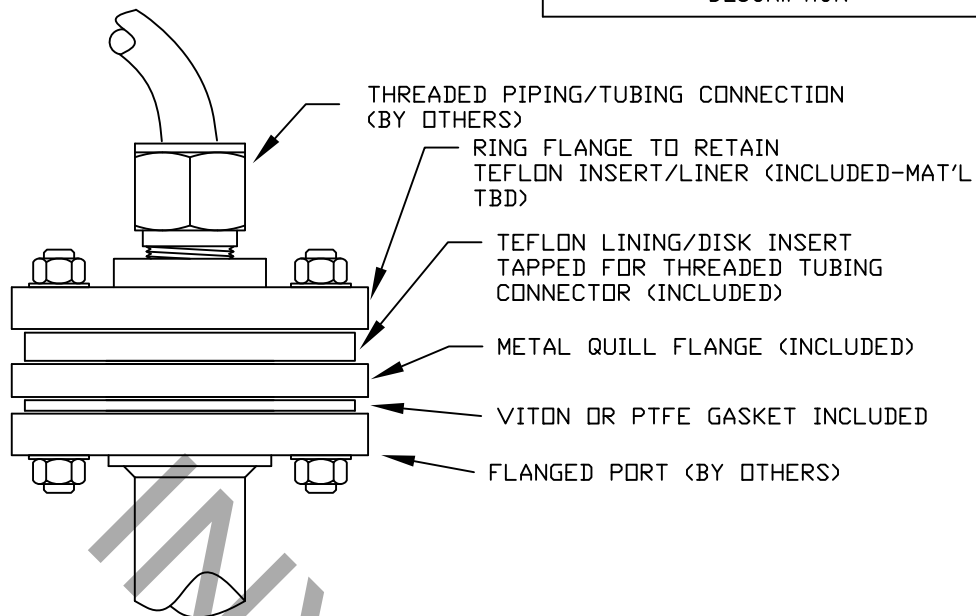
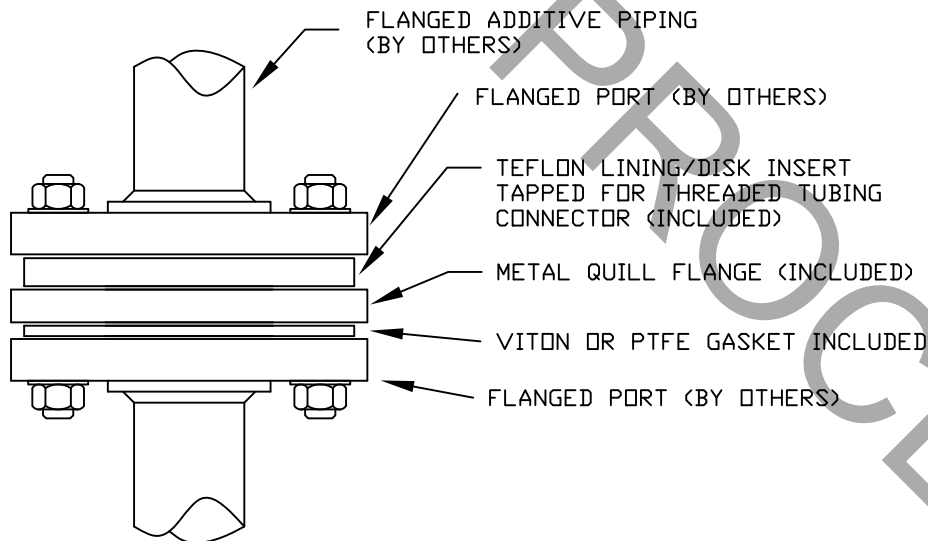
DWG NO

## REVISIONS

DESCRIPTION

DATE

APPROVED

CLOSE-UP VIEW OF THREADED  
STYLE INJECTOR FITTINGCLOSE-UP VIEW OF FLANGED  
INJECTOR FITTING

UNLESS OTHERWISE SPECIFIED	PROJECT NO.	-			INYO PROCESS			
DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING	DRAWN	DG 06/21/09						
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994 AND APPLICABLE STANDARDS	CHECKED	EC 06/21/09			TEFLON LINED FLANGED INJECTOR MODEL NUMBERS			
DECIMALS .XX ±.030 .XXX ±.010	DESIGN APPROVED	-						
ANGLES ±1°	MFG. APPROVED	-			SIZE	CAGE CODE	DRAWING NO	REV
SURFACE ROUGHNESS 125 ✓	QA APPROVED	-			A	-	FLL-1002	1
RUNOUT .010_TIR BREAK CORNERS .005-.015 INTERNAL RADII .015-.030	RELEASE DATE	06/21/09			SCALE	WEIGHT	SHEET	
					-	-	3 OF 3	