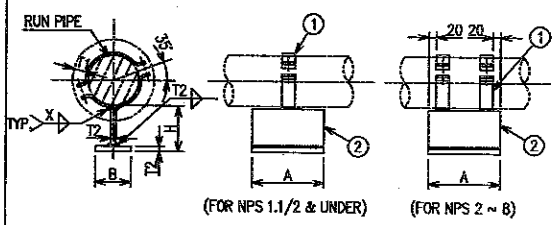
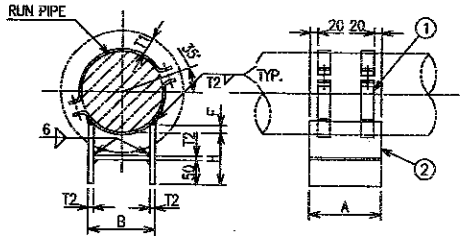


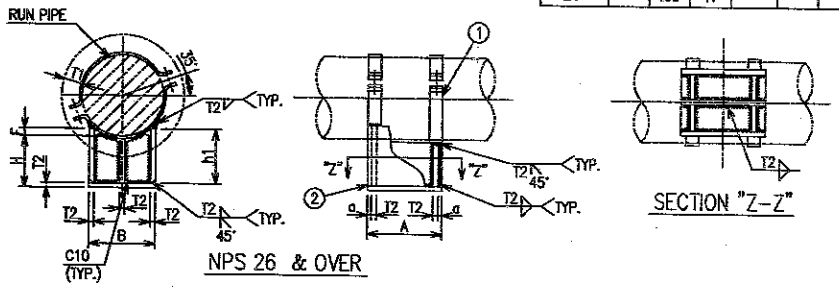
NPS8 & UNDER

NOM. PIPE SIZE (NPS)	DIMENSIONS (mm)					WEIGHT (kg)
	A	B	H	T2	X	
1.1/2 & UNDER	150	75	100	6	4	3.4
2, 2.1/2	150	75	150	6	4	3.4
3 ~ 5	300	150	150	9	6	14.0
6, 8	300	150	150	9	6	14.0



NPS 10 ~ NPS 24

NOM. PIPE SIZE (NPS)	DIMENSIONS (mm)					WEIGHT (kg)
	A	B	F	H	T2	
10	300	150	0	150	9	30.7
12		200	11			35.2
14		200	9			36.6
16		300	38			43.4
18		300	30		12	51.1
20		300	24			53.1
22		400	55			61.4
24		400	47			63.1



NPS 26 & OVER

NOM. PIPE SIZE (NPS)	DIMENSIONS (mm)							WEIGHT (kg)
	A	B	F	H	h1	a	T2	
26	400	400	37	150	173	43	14	76
28	400	500	67	150	203	43	14	90
30	400	500	61	150	197	43	14	91
32	400	600	95	150	231	43	14	105
34	400	600	86	150	222	43	14	106
36	400	700	123	150	259	43	14	122
40	400	700	103	150	237	42	16	133
42	400	800	139	150	273	42	16	151
44	400	800	129	150	263	42	16	151
48	400	900	158	150	292	42	16	171
52	400	1000	186	150	320	42	16	191
54	400	1000	176	150	310	42	16	190
60	500	1200	237	150	369	54	18	324
66	500	1300	255	150	387	54	18	353
72	500	1400	273	150	405	54	18	382
80	500	1500	280	150	412	54	18	412

NOTES :

1) MATERIAL AND APPLICABLE OPERATING TEMPERATURE

CODE	ITEM	MATERIAL	TEMPERATURE RANGE (MAX. OPERATING TEMP.)	APPLICATION
S2	① CLAMP	CLS (RUN PIPE SIZE) (DWG.NO.A3.916.1)	−29℃ ~ 400℃	• C.S. LINES • S.S. LINES • CR−Mo LINES • ½Mo LINES • 3.5Ni LINES • Al−KILLED LINES
	② SHOE	PLT (PLATE THICK.) (DWG.NO.A3.917.4)		
S2−P	① CLAMP	CLSxP (RUN PIPE SIZE) (DWG.NO.A3.916.1)	401℃ ~ 565℃	• CR−Mo LINES • ½Mo LINES
	② SHOE	PLTxP (PLATE THICK.) (DWG.NO.A3.917.4)		
S2−K	① CLAMP	CLSxK (RUN PIPE SIZE) (DWG.NO.A3.916.1)	−30℃ AND BELOW 401℃ ~ 700℃	• 3.5Ni LINES • S.S. LINES • AL−KILLED LINES
	② SHOE	PLTxK (PLATE THICK.) (DWG.NO.A3.917.4)		

2) SHOE HEIGHT CODE (h)

SHOE HEIGHT CODE (h)	SHOE HEIGHT H (mm)	INSULATION TH'K (mm)
BLANK	STANDARD	T1 = 75 & UNDER (~ NPS 1.1/2) = 125 & UNDER (NPS 2 ~)
*1 SEE TABLE 2a		• FOR SLOPE LINE • T1 = 76 & OVER (~ NPS 1.1/2) = 126 & OVER (NPS 2 ~) • OTHERS

NOTE : *1 FOR NON−STANDARD ITEMS, SHOE HEIGHT CODE OR ACTUAL SHOE HEIGHT SHALL BE INDICATED.

TABLE 2a

SHOE HEIGHT CODE (h)	SHOE HEIGHT H (mm)
A0	50
B0	100
B5	150
C0	200
C5	250
D0	300
D5	350
ACTUAL HEIGHT	ACTUAL HEIGHT

3) SHOE LENGTH CODE (L)

SHOE LENGTH CODE (L)	SHOE LENGTH A (mm)	REMARKS
BLANK	STANDARD	
B5	150	ONLY FOR NPS 2.1/2 & UNDER
C0	200	
C5	250	
D0	300	
D5	350	
D4	400	
D5	500	
ACTUAL LENGTH	ACTUAL LENGTH	

4) APPLICABLE RUN PIPE SIZE NPS 1/2 ~ NPS 80

INDICATION :

CODE WITH BRACKET CAN BE BLANK.

S2[−L−h][−M][−D]

- COMPONENT CODE
- SHOE LENGTH CODE (*)
- SHOE HEIGHT CODE (*)
- MATERIAL CODE (BLANK : C.S., K : S.S., P : CR−Mo STEEL)
- RUN PIPE SIZE NPS

(*) IN CASE THAT CODE L OR h ARE NOT BLANK, BOTH L AND h SHALL BE INDICATED ON SUPPORT MARKING.

EX.

FOR STANDARD
S2

FOR SPECIAL HEIGHT
S2−D0−174−4
S2−D0−C0−4

FOR SPECIAL LENGTH
S2−05−B5−4

FOR SPECIAL HEIGHT & LENGTH
S2−05−174−4
S2−05−C0−4

REV.	DESCRIPTION	PREP	CHKD	APVD	AUTHD	DATE
0/A	TEC STANDARD					6/28/13

TOYO ENGINEERING

WORK NO.

ISSUE MARK A 6/28/13

STANDARD SUPPORT DRAWING FOR CLAMP TYPE RESTING SHOE (S2)

SCALE

DWG.NO. A3.950.2