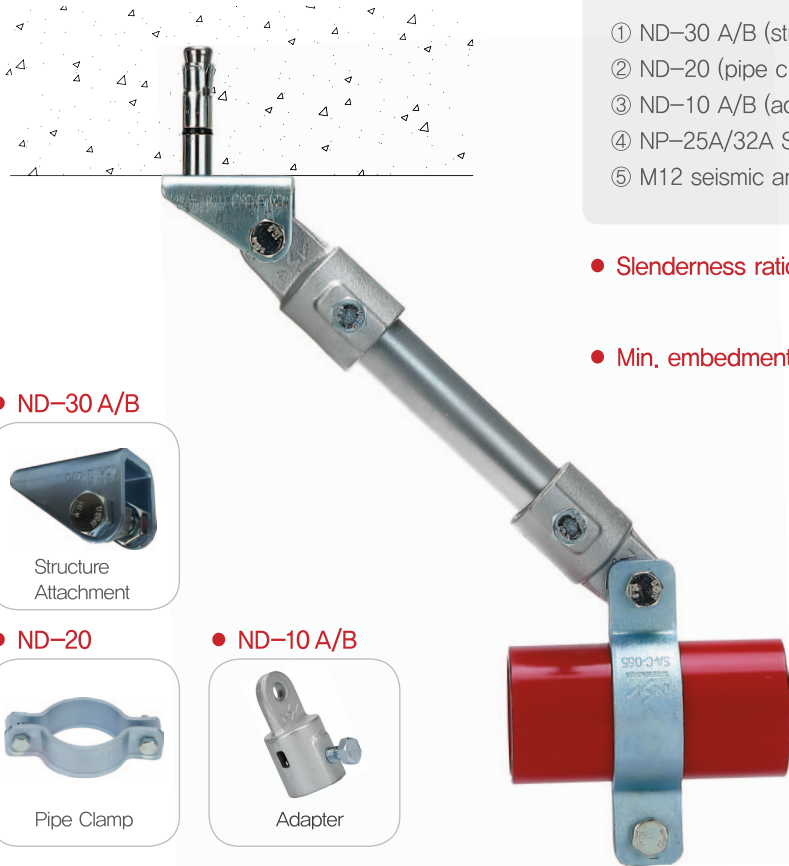


Sway Bracing (Longitudinal)



System components

- ① ND-30 A/B (structure attachment)
- ② ND-20 (pipe clamp)
- ③ ND-10 A/B (adapter)
- ④ NP-25A/32A Sch. #40 pipe
- ⑤ M12 seismic anchor bolt

● Slenderness ratio (L/r) : Less than 300mm (L: System length, r : Min. rotation radius)

● Min. embedment depth of anchor bolt : 50mm

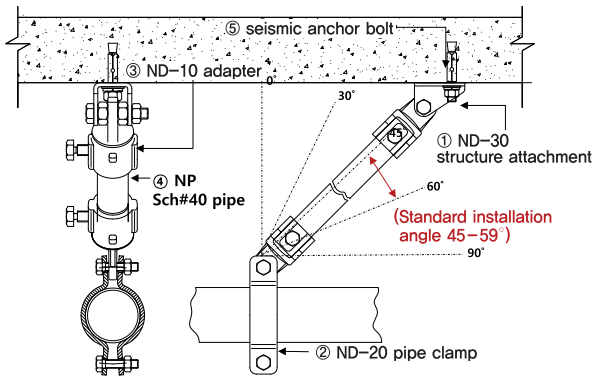
ND-30 A/B



ND-20



ND-10 A/B



Installation Standards

- 1) Longitudinal sway bracing shall be provided on all feed and cross mains regardless of size and it shall be excluded for all branch lines and other piping.
- 2) Spacing shall not exceed a maximum interval of 24m and the distance between the last brace and the end of the pipe shall not exceed 12m.

Rated load per pipe diameter and installation angle

Model name	Pipe diameter	Rated load per installation angle (N)				KFI Certificate No.
		30°	45°	60°	90°	
ND-V-32	32A	2,224	3,145	3,852	4,448	Beotim 18-34
ND-V-40	40A					
ND-V-50	50A	3,558	5,032	6,163	7,117	Beotim 17-38
ND-V-65	65A					
ND-V-80	80A					
ND-V-100	100A	4,481	6,337	7,762	8,963	
ND-V-125	125A					
ND-V-150	150A					
ND-V-200	200A					