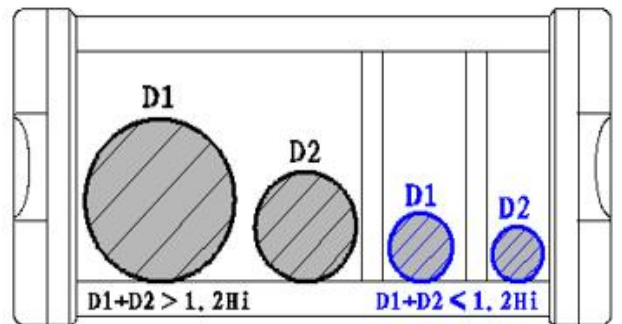
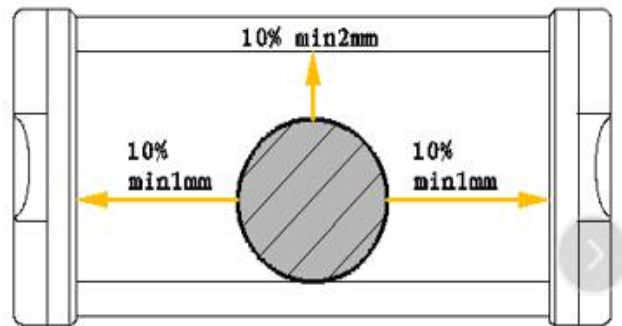
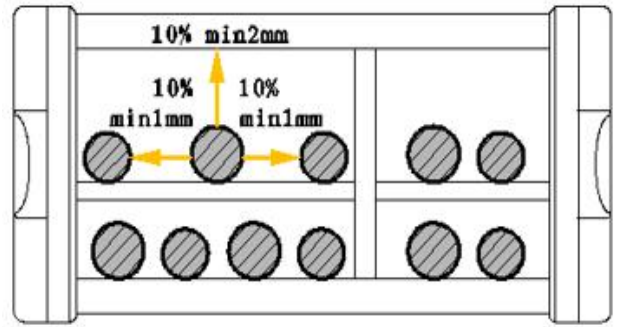


Loading cable:

Pipeline type	Gap Scale
Round cable	10%
Flat cable	10%
Air tube	5-10%
Hydraulic tube	20%
Medium tube	15-20%
Mark: The maximum filling sapce in cable chain shall not exceed 80% of the cross-sectional area.	



Application of shims:

Rule 1: If $D1+D2 > 1.2Hi$, there no shim between the adjacent pipes.

Rule 2: If $D1+D2 \leq 1.2Hi$, we can used shims to prevent the pipes D1、D2 winding.