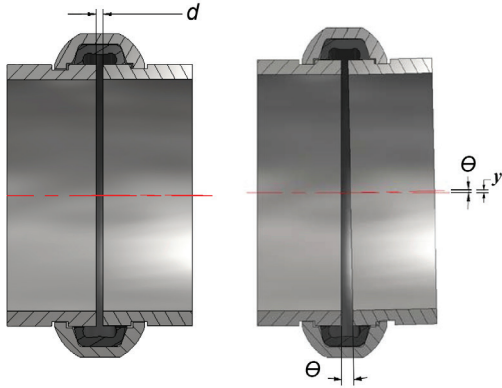


### Pipe End Separation & Deflection



**NOTE:**

- End separation gaps presented in the table above are applicable for nominal values of pipe gasket seat dimension and coupling key-to-key distance. Contact Piedmont for details.
- The angular deflections are calculated based on maximum allowable separation gaps for roll grooves.

Consult with Piedmont for details.

Allowable Pipe End Separations and Deflections				
NPS (inch) DN (mm)	Maximum allowable pipe end separation (inch) (mm)		Maximum deflection	
	Cut grooves	Roll grooves	Θ (degree)	y (inch/ft) (mm/m)
3/4 20	0.10 2.53	0.06 1.60	3.44 °	0.72 60
1 25	0.12 2.94	0.06 1.60	2.72 °	0.57 48
1 1/4 32	0.10 2.53	0.06 1.60	2.15 °	0.45 38
1 1/2 40	0.10 2.53	0.06 1.60	1.91 °	0.40 33
2 50	0.10 2.53	0.06 1.60	1.53 °	0.32 27
2 1/2 65	0.10 2.53	0.06 1.60	1.24 °	0.26 22
3 80	0.10 2.53	0.06 1.60	1.05 °	0.22 18
4 100	0.25 6.40	0.13 3.20	1.62 °	0.34 28
5 125	0.25 6.34	0.13 3.20	1.32 °	0.27 22
6 150	0.25 6.40	0.13 3.20	1.10 °	0.23 19
8 200	0.25 6.40	0.13 3.20	0.86 °	0.18 15
10 250	0.25 6.40	0.13 3.20	0.62 °	0.13 11
12 300	0.25 6.40	0.13 3.20	0.53 °	0.11 9
14 350	0.25 6.40	0.13 3.20	0.74 °	0.15 13
16 400	0.294 7.44	0.18 4.57	0.64 °	0.14 11