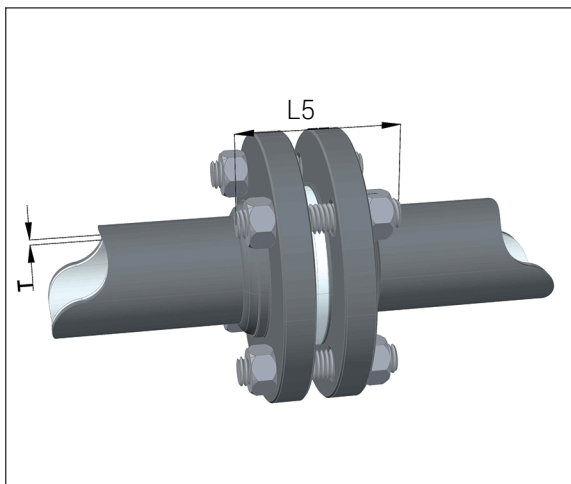
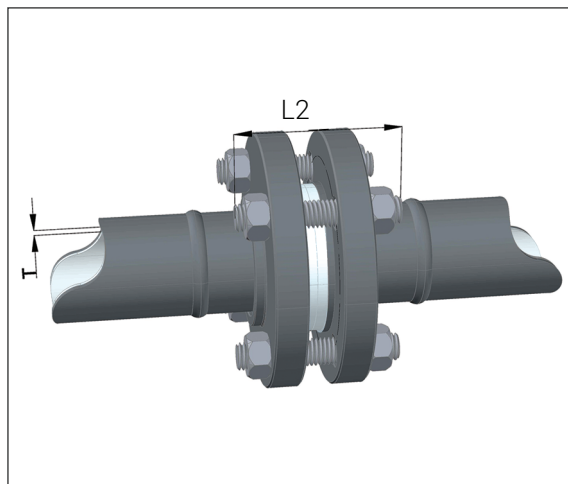


STUD BOLTS LENGTHS

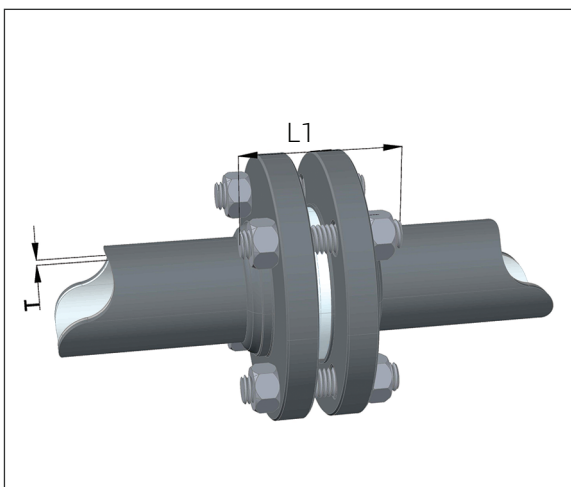
FIXED/LOOSE FLANGES



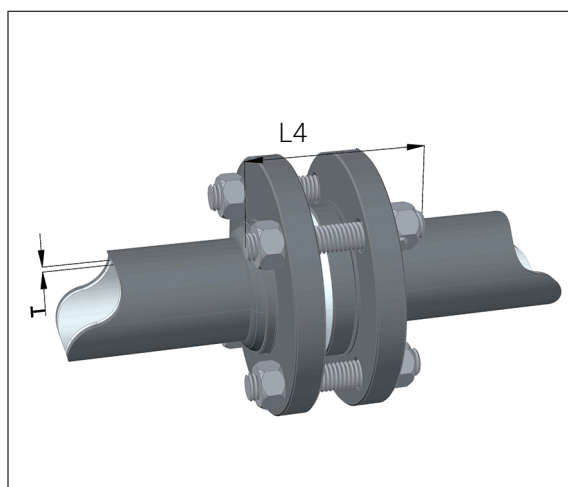
STUB END FLANGES



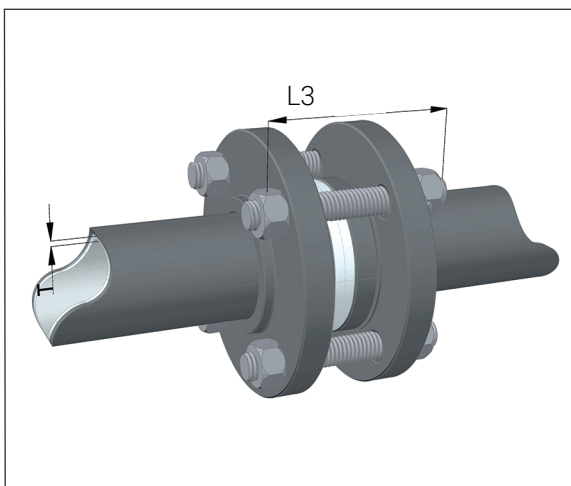
FIXED FLANGES



FIXED/ LOOSE COLLAR FLANGES



COLLAR FLANGES



NB #150	L1	L2	L3	L4	L5	Thd UNC	T mm
1/2 "	65		85	75		1/2 "	2.7
3/4 "	70		90	80		1/2 "	2.7
1 "	70	75	95	80	75	1/2 "	2.7
1 1/2 "	80	85	100	90	85	1/2 "	2.8
2 "	90	95	115	100	95	5/8 "	2.8
3 "	100	105	130	115	115	5/8 "	2.9
4 "	100	105	130	115	110	5/8 "	3.7
6 "	115		155	135		3/4 "	6.8
8 "	125		165	145		3/4 "	7.9
10 "	140		185	160		3/4 "	6.8
12 "	140		185	165		7/8 "	9.7