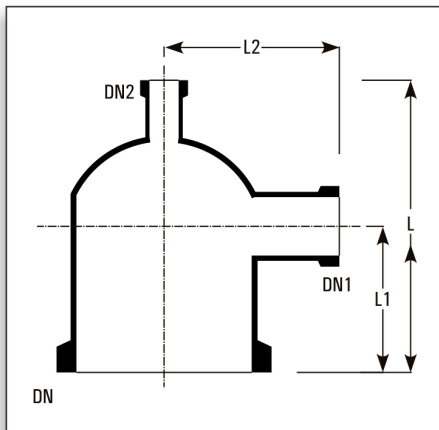


COLUMN COMPONENTS

COLUMN ADAPTORS



Cat.Ref.	DN	DN1	DN2	L	L1	L2
CA3/1/1	80	25	25	150	75	100
CA3/1.5/1	80	40	25	175	100	100
CA3/2/1	80	50	25	175	100	100
CA4/1/1	100	25	25	150	75	125
CA4/1.5/1	100	40	25	175	100	125
CA4/2/1	100	50	25	225	125	125
CA4/3/1	100	80	25	225	125	125
CA6/1/1	150	25	25	200	100	150
CA6/1.5/1	150	40	25	200	100	150
CA6/2/1	150	50	25	250	125	150
CA6/3/1	150	80	25	250	150	150
CA6/4/1	150	100	25	275	150	175
CA9/1.5/1.5	225	40	40	250	150	175
CA9/2/1.5	225	50	40	250	150	175
CA9/3/1.5	225	80	40	300	175	200
CA9/4/1.5	225	100	40	350	175	200
CA9/6/1.5	225	150	40	400	200	250
CA12/1.5/1.5	300	40	40	300	150	225
CA12/2/1.5	300	50	40	300	150	225
CA12/3/1.5	300	80	40	300	150	250
CA12/4/1.5	300	100	40	350	175	250
CA12/6/1.5	300	150	40	425	225	250
CA12/9/1.5	300	225	40	450	225	300
CA16/2/2	400	50	50	400	200	300
CA16/3/2	400	80	50	450	250	300
CA16/4/2	400	100	50	450	250	300
CA16/6/2	400	150	50	550	300	350
CA16/9/2	400	225	50	550	300	350
CA18/2/2	450	50	50	400	200	325
CA18/3/2	450	80	50	450	250	350
CA18/4/2	450	100	50	450	250	350
CA18/6/2	450	150	50	550	300	350
CA18/9/2	450	225	50	550	300	400
CA18/12/2	450	300	50	750	400	400
CA24/2/2	600	50	50	450	200	400
CA24/3/2	600	80	50	500	250	400
CA24/4/2	600	100	50	500	250	400
CA24/6/2	600	150	50	650	300	450
CA24/9/2	600	225	50	650	300	450
CA24/12/2	600	300	50	800	400	500

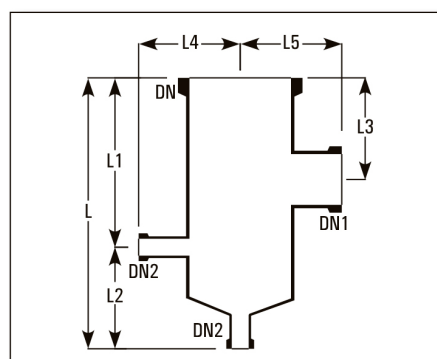
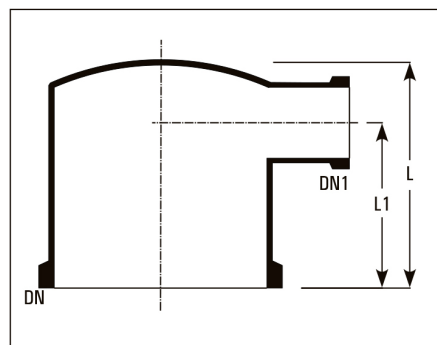
Column adaptors with DN2 of different size(maximum equaling to DN1) can be manufactured with the same dimensions.

COLUMN COMPONENTS

FLAT TOP COLUMN ADAPTORS

These are generally used as headers of shell and tube heat exchangers and columns.

Cat.Ref.	DN	DN1	L	L1
CA3/1	80	25	100	75
CA3/1.5	80	40	125	100
CA4/1	100	25	100	75
CA4/1.5	100	40	125	100
CA6/1	150	25	150	100
CA6/1.5	150	40	150	100
CA6/2	150	50	200	125
CA6/3	150	80	200	150
CA9/1.5	225	40	200	150
CA9/2	225	50	200	150
CA9/3	225	80	250	175
CA9/4	225	100	250	175
CA12/2	300	50	250	150
CA12/3	300	80	250	150
CA12/4	300	100	300	175
CA12/6	300	150	350	225



Cat.Ref.	DN	DN1	DN2	L	L1	L2	L3	L4	L5
CAM4/2/1/1	100	50	25	450	300	150	200	125	125
CAM6/3/1/1	150	80	25	450	300	150	200	150	150
CAM9/3/1/1	225	80	25	450	300	150	200	175	200
CAM12/3/1/1	300	80	25	450	300	150	200	225	250