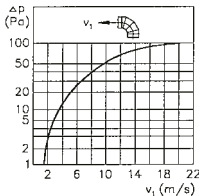
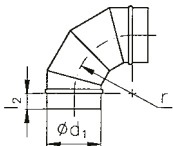


Segmented shapes

OS 90° – segmented arch



$d_1 \leq 125 \text{ mm}$ } 3 segments
 $d_1 > 125 \text{ mm}$ } 4 segments
 $r = 1 \times d_1$

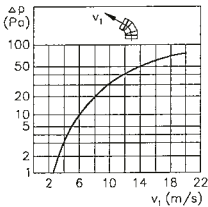
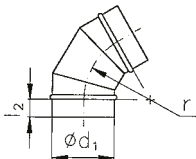
On request with flanges

Ordering
 $d_1 = 160 \text{ mm}$
„OS 90° 160 – segmented arch“

Above Ø 500 can only be manufactured after prior consultation with the manufacturer.
The weights are only approximate.

d_1 [mm]	80	100	125	140	150	160	180	200	224	250	280	315	355	400	450	500	560	630	710	800
r [mm]	80	100	125	140	150	160	180	200	224	250	280	315	355	400	450	500	560	630	710	800
l_2 [mm]	40	40	40	40	40	40	40	40	40	60	60	60	80	80	80	80	80	80	100	100
m [kg]	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.6	2.0	2.5	3.0	4.3	5.3	7.0	8.6	10.4	12.9	18.7	24.1	30.1

OS 60° – segmented arch



3 segments
 $r = 1 \times d_1$

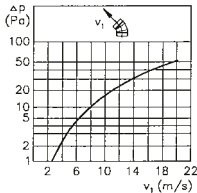
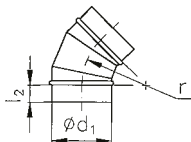
On request with flanges

Ordering
 $d_1 = 160 \text{ mm}$
„OS 60° 160 – segmented arch“

Above Ø 500 can only be manufactured after prior consultation with the manufacturer.
The weights are only approximate.

d_1 [mm]	80	100	125	140	150	160	180	200	224	250	280	315	355	400	450	500	560	630	710	800
r [mm]	80	100	125	140	150	160	180	200	224	250	280	315	355	400	450	500	560	630	710	800
l_2 [mm]	40	40	40	40	40	40	40	40	40	60	60	60	80	80	80	80	80	80	100	100
m [kg]	0.3	0.4	0.5	0.7	0.8	0.8	1.0	1.2	1.5	1.9	2.3	3.1	3.9	5.2	6.3	7.6	9.4	13.4	17.5	21.6

OS 45° – segmented arch



$d_1 \leq 125 \text{ mm}$ } 2 segments
 $d_1 > 125 \text{ mm}$ } 3 segments
 $r = 1 \times d_1$

On request with flanges

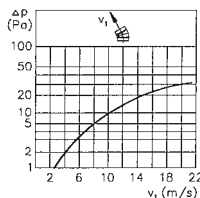
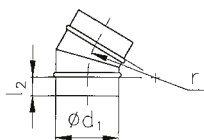
Ordering
 $d_1 = 160 \text{ mm}$
„OS 45° 160 – segmented arch“

Above Ø 500 can only be manufactured after prior consultation with the manufacturer.
The weights are only approximate.

d_1 [mm]	80	100	125	140	150	160	180	200	224	250	280	315	355	400	450	500	560	630	710	800
r [mm]	80	100	125	140	150	160	180	200	224	250	280	315	355	400	450	500	560	630	710	800
l_2 [mm]	40	40	40	40	40	40	40	40	40	60	60	60	80	80	80	80	80	80	100	100
m [kg]	0.3	0.4	0.5	0.6	0.7	0.7	0.8	1.0	1.2	1.6	1.9	2.6	3.2	4.3	5.2	6.2	7.7	10.9	14	17.2

Segmented shapes

OS 30° – segmented arch



2 segments

$$r = 1 \times d_1$$

On request with flanges

Ordering

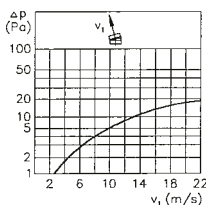
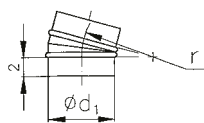
 $d_1 = 160 \text{ mm}$

„OS 30° 160 – segmented arch“

Above Ø 500 can only be manufactured after prior consultation with the manufacturer.
The weights are only approximate.

d_1 [mm]	80	100	125	140	150	160	180	200	224	250	280	315	355	400	450	500	560	630	710	800
r [mm]	80	100	125	140	150	160	180	200	224	250	280	315	355	400	450	500	560	630	710	800
l_2 [mm]	40	40	40	40	40	40	40	40	40	60	60	60	80	80	80	80	80	80	100	100
m [kg]	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8	1.0	1.3	1.5	2.0	2.4	3.4	4.1	4.8	5.8	8.2	10.9	13.2

OS 15° – segmented arch



2 segments

$$r = 1 \times d_1$$

On request with flanges

Ordering

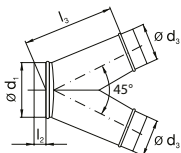
 $d_1 = 160 \text{ mm}$

„OS 15° 160 – segmented arch“

Above Ø 500 can only be manufactured after prior consultation with the manufacturer.
The weights are only approximate.

d_1 [mm]	80	100	125	140	150	160	180	200	224	250	280	315	355	400	450	500	560	630	710	800
r [mm]	80	100	125	140	150	160	180	200	224	250	280	315	355	400	450	500	560	630	710	800
l_2 [mm]	40	40	40	40	40	40	40	40	40	60	60	60	80	80	80	80	80	80	100	100
m [kg]	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.6	0.8	1.0	1.2	1.5	1.8	2.6	3.0	3.5	4.2	5.8	7.6	8.9

KKS 45° – trouser piece



On request:

opening angle 30°, 60°, 90°
or with flanges

Ordering

 $d_1 = 160 \text{ mm}$, $d_3 = 125 \text{ mm}$

„KKS 45° 160/125 – trouser piece“

Above Ø 500 can only be manufactured after prior consultation with the manufacturer.
The weights are only approximate.

d_1 [mm]	125	140	150	160	180	200	224	250	280	315	355	400	450	500	560	630	710	800
d_3 [mm]	90	100	150	112	125	140	160	180	200	224	250	280	315	355	400	450	500	560
l_2 [mm]	40	40	40	40	40	40	40	60-40	60-40	60-40	80-60	80-60	80-60	80	80	100-80	100-80	100-80
l_3 [mm]	170	185	190	195	215	230	255	280	310	335	365	400	430	490	550	610	670	740
m [kg]	1.1	1.3	1.4	1.5	1.7	1.9	2.2	3.0	3.5	4.2	5.2	6.1	7.2	10.6	12.5	15.6	18.7	22.7