

Reed Pipes

HAUPTWERK

Trumpet 16'	C	c ⁰	c ¹	c ²	c ³	c ⁴
Upper Diameter	160	110	85	68	54	44
Lower Diameter	25	19	15	12	9	6
Length	4400	2200	1065	600	280	115
Material	97% Lead					
Shallots	German					
Tongue Thickness	0.95	0.5	0.35	0.25	0.14	-

Trumpet 8'	C	c ⁰	c ¹	c ²	c ³	c ⁴
Upper Diameter	120	93	70	58	48	40
Lower Diameter	21	15.5	11	8	7	7
Length	2150	1050	540	260	120	43
Material	97% Lead					
Shallots	German					
Tongue Thickness	0.5	0.35	1/4	0.14	0.1	-

Trompette 8'	C	c ⁰	c ¹	c ²	c ³	c ⁴
Upper Diameter	120	90	75	60	50	43
Lower Diameter	15	12	9	7.2	6	5.5
Length	2100	1050	540	251	113	50
Material	97% Lead					
Shallots	Open, round shallots with lead plugs					
Tongue Thickness	0.53	0.47	0.23	0.18	0.1	-

Vox Humana 8'	C	c ⁰	c ¹	c ²	c ³	c ⁴
Length Upper	39	41	21	26	20	-
Length Lower	162	118	101	71	51	-
Diameter Top	14.3	12.8	11.5	11.8	14.8	-
Diameter Middle	52	40.5	34	30.5	28.5	-
Diameter Bottom	17	14	11.5	8.5	7	-
Material	97% Lead					
Shallots	German					
Tongue Thickness	0.57	0.4	0.25	0.15	0.1	-

OBERWERK

Dulzian 16'	C	c ⁰	c ¹	c ²	c ³	c ⁴
Upper Diameter	60	48	37	28	22	18
Lower Diameter	22.5	17	15.3	12.2	7.5	7
Cylinder Length	1250	600 / 1170	550	255	70	40
Cone Length	360	255 / 312	225	115	61	33
Material	97% Lead					
Shallots	German					
Tongue Thickness	0.73	0.5	2/7	0.2	0.14	-

Trichterregal 8'	C	c ⁰	c ¹	e ¹	c ²	c ³	c ⁴
Stem Upper Diameter	27	24	19	18.7	18	14	11
Stem Lower Diameter	21	15.7	12.2	11	8.9	8	7
Stem Length	850	425	170	157	135	85	34
Cone Upper Diameter	75	61	48	44.6	38.5	31	25
Cone Length	110	88	70	69	66	48	32
Material	97% Lead						
Shallots	German						
Tongue Thickness	0.45	0.35	0.2	0.18	0.14	0.1	-

Reed Pipes

UNTERWERK

Bassoon 16'	C	c⁰	c¹	c²	c³	c⁴
Upper Diameter	125	97 /97	80	62	44	40
Lower Diameter	25	19 /19	15	12	9	6
Length	2260	1110 / 2250	1100	550	250	140
Material	97% Lead					
Shallots	Tapered, German-style					
Tongue Thickness	0.73	0.53	0.33	0.22	0.14	-
Trompette 8'	C	c⁰	c¹	c²	c³	c⁴
Upper Diameter	95	82	71	58	50	43
Lower Diameter	12	9.5	8.2	7.2	6	5.5
Length	2210	1117	546	251	113	50
Material	97%					
Shallots	Open, French-style					
Tongue Thickness	0.48	0.34	0.27	0.15	0.08	-
Oboe 8'	C	c⁰	c¹	c²	c³	c⁴
Stem Upper Diameter	67	50	44 / 25.5	17.2	11.8	8
Stem Lower Diameter	14	12	9 / 9	8	7.5	7
Stem Length	2137	1050	530 / 404	158	53	22
Bell Upper Diameter	-	-	51	42	36	30
Bell Cone Length	-	-	147	100	60	42
Material	97% Lead					
Shallots	Open, French-style					
Tongue Thickness	0.45	0.35	0.27	0.2	0.1	-
Clairon 4'	C	c⁰	c¹	c²	c³	c⁴
Upper Diameter	82	70	50	44	40	-
Lower Diameter	12	9.5	8.2	7.2	6	-
Length	1100	530	255	118	50	-
Material	97%					
Shallots	Open, French-style					
Tongue Thickness	0.37	0.23	0.18	0.1	-	-

Reed Pipes

PEDAL

Trombone 32'	C	c⁰		
Upper Diameter	252 x 252	194 x 194		
Lower Diameter	40 x 40	40 x 40		
Length	8900	4480		
Material	Poplar			
Shallots	German, with wood faces			
Tongue Thickness	1.6	1.05		
Posaune 16'	C	c⁰	c¹	c²
Upper Diameter	220	146	110	80
Lower Diameter	33	22	18	14
Length	4480	2230	1065	520
Material	97% Lead			
Shallots	German			
Tongue Thickness	1.05	0.63	0.46	-
Trumpet 8'	C	c⁰	c¹	c²
Upper Diameter	130	100	73	58
Lower Diameter	21	15.5	11	8
Length	2150	1050	540	260
Material	97% Lead			
Shallots	German			
Tongue Thickness	0.5	0.35	0.25	-
Trompette 8'	C	c⁰	c¹	c²
Upper Diameter	170	145	110	82
Lower Diameter	15	12	9	6
Length	2350	1200	650	330
Material	97% Lead			
Shallots	Open, round shallots with lead plugs			
Tongue Thickness	0.5	0.34	0.23	-
Clairon 4'	C	c⁰	c¹	c²
Upper Diameter	78	55	44	36
Lower Diameter	15.5	11	8	7
Length	1030	510	270	140
Material	97% Lead			
Shallots	German			
Tongue Thickness	0.3	0.23	0.14	-
Cornet 2'	C	c⁰	c¹	c²
Upper Diameter	58	44	39	36
Lower Diameter	10.5	8.5	7	7
Length	495	230	110	75
Material	97% Lead			
Shallots	German, open			
Tongue Thickness	0.25	0.15	0.1	-