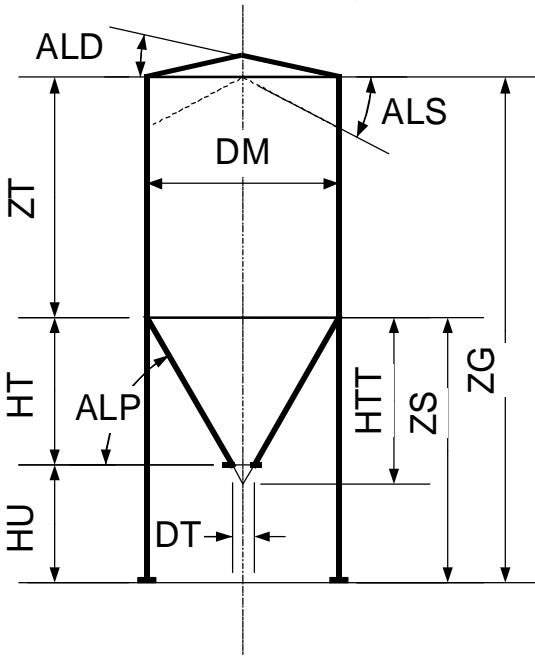


# Round silo made out of Aluminium

## Silo with supporting cylinder:



Other dimensions possible

### Accessories for:

Walking on ceiling maintenance  
Feeding emptying  
Dedusting explosion protection  
Level indication weighing

### Prevention of:

Over/underpressure  
Overfeeding  
Flow disturbances  
Silo honking

HT	1,56	1,90	2,42	2,86	3,29	3,55		
HTT	1,73	2,08	2,60	3,03	3,46	3,72		
ADM	3,14	4,52	7,07	9,62	12,57	14,52		
VT	1,81	3,13	6,12	9,72	14,51	18,02		
VL	1,21	2,09	4,08	6,48	9,67	12,02		
HU	0,50	0,50	0,60	0,60	0,70	0,70		
ZS	2,06	2,40	3,02	3,46	3,99	4,25		
DM	2,00	2,40	3,00	3,50	4,00	4,30		
ZG	ZT VG	ZT VG	ZT VG	ZT VG	ZT VG	ZT VG		
4	1,9 8	1,6 10	1,0 13	0,5 15				
6	3,9 14	3,6 19	3,0 27	2,5 34	2,0 40	1,7 43		
8	5,9 20	5,6 28	5,0 41	4,5 53	4,0 65	3,7 72		
10	7,9 27	7,6 37	7,0 55	6,5 73	6,0 90	5,7 102		
12	9,9 33	9,6 47	9,0 70	8,5 92	8,0 115	7,7 131		
14	11,9 39	11,6 56	11,0 84	10,5 111	10,0 140	9,7 160		
16	13,9 46	13,6 65	13,0 98	12,5 130	12,0 165	11,7 189		
18		15,6 74	15,0 112	14,5 150	14,0 191	13,7 218		
20		17,6 83	17,0 126	16,5 169	16,0 216	15,7 247		
22			19,0 140	18,5 188	18,0 241	17,7 276		
24			21,0 154	20,5 207	20,0 266	19,7 305		
26				22,5 227	22,0 291	21,7 334		
28				24,5 246	24,0 316	23,7 363		
	DT= 0,2		ALD= 15		ALP= 60		ALS= 30	

ADM [m<sup>2</sup>]: Cross section of cylinder  
ALD [°]: Ceiling angle  
ALP [°]: Hopper angle  
ALS [°]: Angle of repose  
DM [m]: Silo diameter  
DT [m]: Outlet diameter  
HT [m]: Hopper height  
HTT [m]: Theoretical height of hopper

HU [m]: Height until hopper outlet  
VG [m<sup>3</sup>]: Total volume =VT+VZ  
VL [m<sup>3</sup>]: Air volume above bulk material  
VT [m<sup>3</sup>]: Volume of the hopper  
VZ [m<sup>3</sup>]: Volume of the cylinder  
ZG [m]: Total height of the cylinder  
ZS [m]: Cylinder height to top edge of hopper >-0,5 m  
ZT [m]: Cylinder height from hopper to cylinder top



## Further round silo versions:

Material: Stainless steel, mild steel  
Support: Console, 3 – 6 standing beams  
Ceiling: Flat or inclined  
Hopper: Every inclination  
Outlet: central, beside, angular  
Size: from 1 m<sup>3</sup> to 400 m<sup>3</sup>



e.g. 3 feet, angular outlet

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