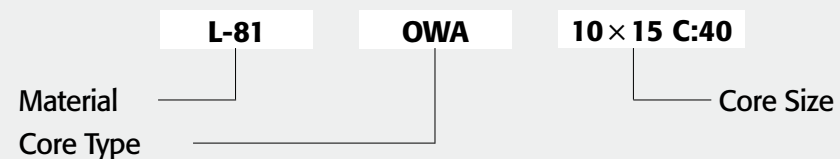


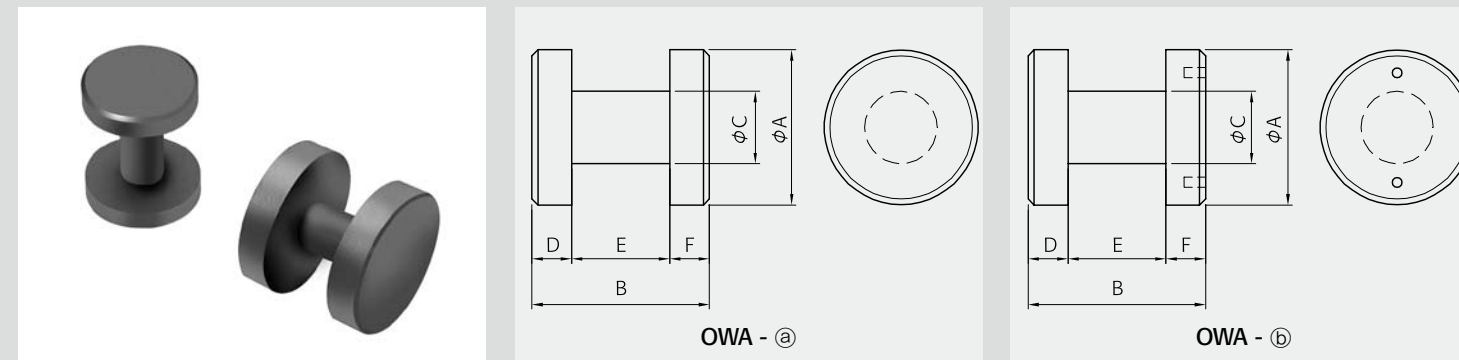
# DRUM CORES

**OWA5.4~OWA20**

Ordering Code System

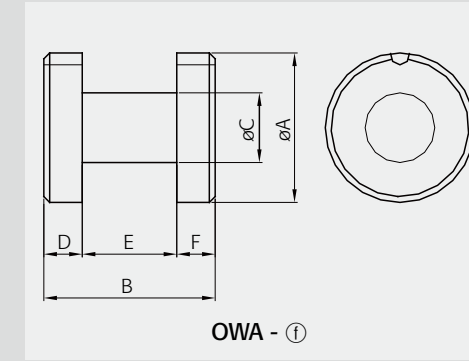
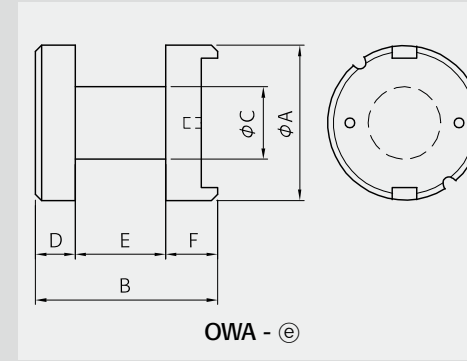
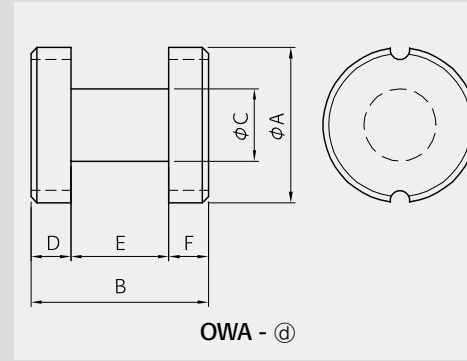
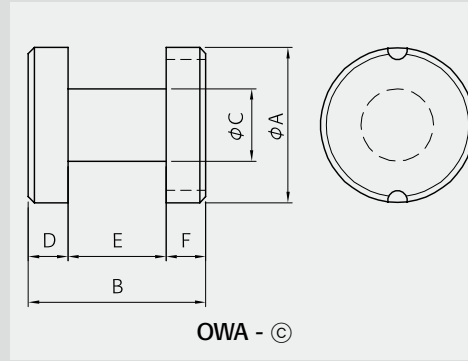
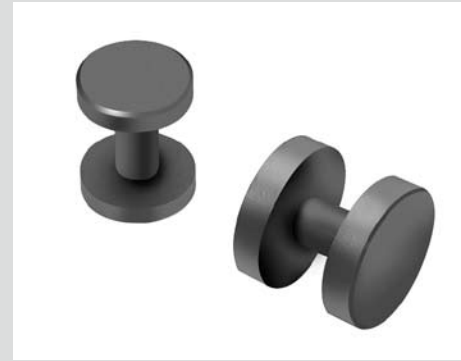


# OWA CORES



Part No.	Type	Dimensions in mm							
		A	B	C	D	E	F	H1	H2
OWA5.4×6.5-2H	OWA - (b)	5.40 <sup>+0.05</sup> <sub>-0.20</sub>	6.50 <sup>+0.10</sup> <sub>-0.15</sub>	2.50 ±0.10	1.70 ±0.10	3.10 <sup>+0.10</sup> <sub>-0.15</sub>	1.70 ref.		
OWA5.4×7-2H	OWA - (b)	5.40 <sup>+0.05</sup> <sub>-0.20</sub>	7.00 ±0.20	2.50 ±0.10	1.50 ±0.15	4.00 ±0.15	1.50 ref.		
OWA5.4×8-2H	OWA - (b)	5.40 <sup>+0.05</sup> <sub>-0.20</sub>	8.00 <sup>+0.20</sup> <sub>-0.10</sub>	2.50 ±0.10	2.00 ±0.20	4.00 ±0.15	2.00 ref.		
OWA6.5×7.5	OWA - (a)	6.50 <sup>+0.10</sup> <sub>-0.20</sub>	7.50 ±0.20	3.00 ±0.20	1.75 ±0.20	4.00 ±0.10	1.75 ±0.20		
OWA6.5×7.5-2H	OWA - (b)	6.50 <sup>+0.10</sup> <sub>-0.20</sub>	7.50 ±0.20	3.00 ±0.20	1.75 ±0.20	4.00 ±0.30	1.75 ref.		
OWA6.5×10	OWA - (a)	6.50 <sup>+0.10</sup> <sub>-0.20</sub>	10.00 ±0.20	3.00 ±0.15	1.50 ±0.20	7.00 ±0.15	1.50 ref.		
OWA6×10 C:2.5	OWA - (a)	6.10 ±0.10	10.00 ±0.20	2.50 ±0.10	1.60 ±0.10	6.80 ±0.10	1.60 ref.		
OWA8×8C	OWA - (a)	8.00 <sup>+0.00</sup> <sub>-0.30</sub>	8.00 ±0.25	3.10 ±0.20	2.00 ±0.20	4.00 ±0.15	2.00 ref.		
OWA8×10 C:3.2	OWA - (a)	8.00 <sup>+0.05</sup> <sub>-0.30</sub>	10.00 ±0.20	3.20 <sup>+0.15</sup> <sub>-0.10</sub>	2.00 ±0.20	6.00 ±0.15	2.00 ref.		
OWA8×10-2H	OWA - (b)	8.00 <sup>+0.05</sup> <sub>-0.30</sub>	10.00 ±0.20	3.20 ±0.10	2.00 ±0.20	6.00 ±0.15	2.00 ref.		
OWA8×10-4HR C:3.8	OWA - (b)	8.00 ±0.15	10.00 ±0.20	3.80 ±0.15	2.00 ±0.20	6.00 ±0.15	2.00 ref.		
OWA8×11	OWA - (a)	8.00 <sup>+0.00</sup> <sub>-0.30</sub>	11.00 ±0.20	3.50 ±0.20	2.00 ±0.15	7.00 ±0.15	2.00 ref.		
OWA8×11-2H C:4.55	OWA - (b)	8.00 <sup>+0.00</sup> <sub>-0.30</sub>	11.00 ±0.20	4.55 ±0.20	2.00 ±0.15	7.00 ±0.15	2.00 ±0.15		
OWA8×12	OWA - (a)	8.00 <sup>+0.00</sup> <sub>-0.30</sub>	12.00 ±0.20	3.40 ±0.10	2.50 ±0.15	7.00 ±0.15	2.50 ref.		
OWA8×13-4HR C:3.3	OWA - (b)	7.90 ±0.15	13.00 ±0.20	3.30 ±0.12	2.00 ±0.20	9.00 ±0.20	2.00 ±0.20		
OWA9×10.5-4HR C:5.0	OWA - (b)	9.00 ±0.15	10.50 ±0.20	5.00 ±0.15	1.60 ±0.20	7.30 ±0.15	1.60 ref.		
OWA10×3.0 C:5.0	OWA - (a)	9.85 ±0.15	3.00 ±0.10	5.00 ±0.10	0.75 ±0.10	1.50 ±0.10	0.75 ref.		
OWA10×10 C:3.1	OWA - (a)	10.00 ±0.25	10.00 ±0.40	3.10 ±0.20	2.40 ±0.20	5.20 ±0.20	2.40 ref.		
OWA10×11 E:5.2	OWA - (a)	10.00 <sup>+0.00</sup> <sub>-0.40</sub>	11.00 ±0.30	3.45 ±0.10	2.90 ±0.20	5.20 ±0.20	2.90 ref.		
OWA10×12 C:3.5	OWA - (a)	10.00 <sup>+0.00</sup> <sub>-0.40</sub>	12.00 <sup>+0.00</sup> <sub>-0.40</sub>	3.50 ±0.15	2.30 ±0.20	7.40 ±0.20	2.30 ref.		
OWA10×15 C:4.0	OWA - (a)	10.00 ±0.20	15.00 <sup>+0.00</sup> <sub>-0.40</sub>	4.00 ±0.15	2.60 ±0.15	9.80 ±0.15	2.60 ±0.15		

# OWA CORES



Part No.	Type	Dimensions in mm							
		A	B	C	D	E	F	H1	H2
OWA11×12-4HR C:6.2	OWA - (b)	11.00 ±0.10	12.40 ±0.20	6.00 ±0.10	2.20 ±0.20	8.00 ±0.20	2.20 ±0.20	2.40 <sup>+0.10</sup> / <sub>-0.30</sub>	
OWA12×11 C:4.0	OWA - (e)	12.00 <sup>+0.00</sup> / <sub>-0.30</sub>	11.00 <sup>+0.00</sup> / <sub>-0.30</sub>	4.00 ±0.10	2.40 ±0.20	6.20 ±0.20	2.40 ref.		
OWA12×15 C:4.5	OWA - (a)	12.00 <sup>+0.00</sup> / <sub>-1.00</sub>	15.00 <sup>+0.00</sup> / <sub>-1.00</sub>	4.50 ±0.10	2.50 ±0.20	10.00 ±0.20	2.50 ref.		
OWA12×15-2H C:4.5	OWA - (b)	12.00 <sup>+0.00</sup> / <sub>-1.00</sub>	15.00 <sup>+0.00</sup> / <sub>-1.00</sub>	4.50 ±0.20	2.50 ±0.20	10.00 ±0.20	2.50 ref.		
OWA12×15-2HR C:5.0	OWA - (c)	12.00 <sup>+0.00</sup> / <sub>-1.00</sub>	15.00 <sup>+0.00</sup> / <sub>-1.00</sub>	5.00 ±0.20	2.50 ±0.20	10.00 ±0.20	2.50 ref.		
OWA12×15-4HR C:4.5	OWA - (c)	12.00 <sup>+0.00</sup> / <sub>-1.00</sub>	15.00 <sup>+0.00</sup> / <sub>-1.00</sub>	4.50 ±0.15	2.50 ±0.20	10.00 ±0.20	2.50 ref.		
OWA12×15DT	OWA - (e)	12.00 <sup>+0.00</sup> / <sub>-1.00</sub>	15.00 <sup>+0.00</sup> / <sub>-1.00</sub>	7.00 ±0.10	2.50 ±0.20	10.00 ±0.20	2.50 ref.		
OWA12.5×18.5-1HR	OWA - (b)	12.50 ±0.20	18.50 ±0.40	8.50 ±0.20	2.00 ref.	14.00 ±0.25	1.50 ±0.15		
OWA13×13 C:6.4	OWA - (a)	13.00 ±0.25	13.00 ±0.25	6.40 <sup>+0.15</sup> / <sub>-0.10</sub>	3.00 ±0.20	7.00 ±0.20	3.00 ±0.20		
OWA13×14.5 C:4.7	OWA - (a)	13.10 ±0.10	14.50 ±0.40	4.70 ±0.10	2.90 ±0.20	9.60 ±0.20	2.00 ref.		
OWA13×15 C:5.0	OWA - (a)	13.00 ±0.10	15.00 ±0.20	5.00 ±0.15	3.00 ±0.20	9.00 ref.	3.00 ±0.20		
OWA14×13 C:4.8	OWA - (a)	14.00 ±0.10	13.00 ±0.20	4.80 ±0.20	2.95 ±0.20	7.00 ±0.20	2.95 ref.		
OWA14×13-2H C:5.8	OWA - (b)	14.00 <sup>+0.10</sup> / <sub>-0.30</sub>	13.00 <sup>+0.20</sup> / <sub>-0.10</sub>	5.80 ±0.20	2.95 ±0.20	7.00 <sup>+0.2</sup> / <sub>-0.10</sub>	2.95 ref.		
OWA14×15 C:4.9	OWA - (a)	14.00 <sup>+0.10</sup> / <sub>-0.30</sub>	15.00 <sup>+0.30</sup> / <sub>-0.20</sub>	4.90 ±0.10	2.50 ±0.20	10.00 ±0.30	2.50 ref.		
OWA14×15-2H C:4.9	OWA - (b)	14.00 <sup>+0.10</sup> / <sub>-0.30</sub>	15.00 <sup>+0.30</sup> / <sub>-0.20</sub>	4.90 ±0.12	2.50 ±0.20	10.00 ±0.30	2.50 ref.		
OWA14×20 C:6.0	OWA - (a)	14.00 <sup>+0.10</sup> / <sub>-0.30</sub>	20.00 ±0.30	6.00 ±0.15	4.00 ±0.20	12.00 ±0.20	4.00 ref.		
OWA14×20-1HR C:6.0	OWA - (i)	14.00 ±0.20	20.00 <sup>+0.60</sup> / <sub>-0.40</sub>	6.00 ±0.10	3.90 ±0.20	12.20 ±0.20	3.90 ±0.20		
OWA14×21.5DT	OWA - (e)	14.00 ±0.15	21.50 ±0.40	7.50 ±0.20	2.50 ±0.40	14.00 ±0.15	2.50 ref.		
OWA15×13 C:4.8	OWA - (a)	15.00 ±0.20	13.00 ±0.20	4.80 ±0.10	2.25 ±0.20	8.50 ±0.30	2.25 ref.		
OWA15×14 C:5.0	OWA - (a)	15.00 <sup>+0.10</sup> / <sub>-0.25</sub>	14.00 ±0.15	5.00 ±0.15	3.50 ±0.20	7.00 ±0.20	3.50 ref.		
OWA15×15 C:6.0	OWA - (a)	15.00 ±0.15	15.00 ±0.40	6.00 ±0.15	3.00 ±0.20	9.00 ref.	3.00 ±0.15		
OWA15×15-2HR C:5.0	OWA - (c)	15.00 <sup>+0.30</sup> / <sub>-0.20</sub>	15.00 ±0.20	5.00 <sup>+0.15</sup> / <sub>-0.10</sub>	2.50 ±0.20	10.00 ±0.30	2.50 ref.		

Part No.	Type	Dimensions in mm							
		A	B	C	D	E	F	H1	H2
OWA15×15.5 C:5.0	OWA - (a)	15.00 <sup>+0.30</sup> / <sub>-0.20</sub>	15.50 ±0.40	5.00 ±0.10	2.50 ±0.20	10.50 ±0.20	2.50 ref.		
OWA15×16.5-1HR C:5.0	OWA - (i)	15.00 <sup>+0.30</sup> / <sub>-0.20</sub>	16.50 ±0.40	5.00 ±0.10	3.00 ±0.20	10.50 ±0.20	3.00 ±0.20		
OWA15×18 C:6.0	OWA - (a)	15.00 ±0.20	18.00 ±0.40	6.00 ±0.10	3.00 ±0.20	12.00 ref.	3.00 ±0.20		
OWA15×18-2HR C:6.0	OWA - (c)	15.00 ±0.30	18.00 ±0.40	6.00 ±0.20	3.00 ±0.20	12.00 ±0.30	3.00 ref.		
OWA15×20 C:6.0	OWA - (a)	15.00 ±0.20	20.00 ±0.20	6.00 ±0.10	3.00 ±0.10	14.00 ±0.15	3.00 ref.		
OWA15×20-1HR C:9.1	OWA - (b)	15.00 ±0.25	20.00 ±0.40	9.10 ±0.15	2.75 ±0.20	14.50 ±0.20	2.75 ref.		
OWA15×21 C:7.0	OWA - (a)	15.00 ±0.20	21.00 ±0.25	7.00 ±0.10	2.50 ±0.20	16.00 ±0.20	2.50 ±0.20		
OWA15×23-2HR	OWA - (c)	15.00 <sup>+0.00</sup> / <sub>-0.30</sub>	23.00 ±0.40	8.40 ±0.20	2.50 ±0.30	18.00 ±0.30	2.50 ref.		
OWA15×27.5 C:9.5	OWA - (a)	15.00 <sup>+0.00</sup> / <sub>-0.50</sub>	27.50 ±0.40	9.50 ±0.20	3.75 ±0.25	20.00 ±0.30	3.75 ref.		
OWA16×21P		16.00 ±0.20	18.50 ±0.50	8.10 <sup>+0.10</sup> / <sub>-0.20</sub>	2.50 ref.	13.00 ±0.30	3.00 ±0.20	2.50 ±0.20	4.50 ±0.30
OWA20×20 C:8.0	OWA - (i)	20.00 <sup>+0.00</sup> / <sub>-0.30</sub>	20.00 ±0.40	8.00 ±0.20	3.20 ±0.20	13.60 ±0.20	3.20 ref.		
OWA20×20-2H C:11.0	OWA - (b)	20.00 <sup>+0.00</sup> / <sub>-0.30</sub>	20.00 ±0.40	11.00 ±0.20	3.00 ±0.30	14.00 ±0.30	3.00 ref.		