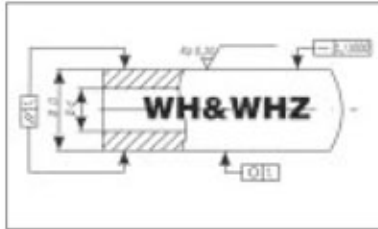


DIMENSION TABLE

Series WH - WHZ

Induction hardened
hollow shafts.
(Ck55 - 100 Cr6)

Shaft diameter		Shaft designation	Standard length	Hardening depth Rht DIN 6773	Tolerance ISO h6	Weight	Roundness t1	Parallelism t2	Straightness t3
Outer D	Inner d (+/-10%)								
mm	mm		mm	mm	μm	kg/m	μm	μm	mm/m
12	4	WH 12	3000	0.6 - 1.3	0 - 11	0,79	5	8	0,12
14	7	WH 14	3000	0.6 - 1.3	0 - 11	0,91	5	8	0,12
16	7	WH 16	3000	0.6 - 1.6	0 - 11	1,28	5	8	0,12
20	14	WH 20	6000	0.9 - 1.6	0 - 13	1,25	6	9	0,1
25	15,6	WH 25	6000	0.9 - 1.8	0 - 13	2,35	6	9	0,1
30	18,3	WH 30	6000	0.9 - 2.0	0 - 13	3,5	6	9	0,1
40	28	WH 40	6000	1.5 - 2.5	0 - 16	4,99	7	11	0,1
50	29,7	WH 50	6000	1.5 - 3.0	0 - 16	9,91	7	11	0,1
60	36	WH 60	6000	2.2 - 3.0	0 - 19	14,2	8	13	0,1
80	57	WH 80	6000	2.2 - 3.0	0 - 19	19,43	8	13	0,1
90	60	WH 90	3000	2.5 - 3.0	0 - 22	27,73	10	16	0,2
100	65	WH100	3000	2.5 - 3.3	0 - 22	35,61	10	16	0,2

Shaft diameter		Shaft designation	Standard length	Hardening depth Rht DIN 6773	Tolerance class "L"	Weight	Roundness t1	Parallelism t2	Straightness t3
Outer D	Inner d (+/-10%)								
mm	inch		inch	inch	inch	Kg/m	inch	inch	inch/m
1/2	0,16	WHZ1/2	119	0.023 - 0.051	-0.0005/ -0.00 1	0,90	0.0002	0.0003	0.008
5/8	0,25	WHZ5/8	119	0.023 - 0.051	-0.0005/ -0.00 1	1,30	0.0002	0.0003	0.008
3/4	0,43	WHZ3/4	119	0.035 - 0.062	-0.0005/ -0.00 1	1,4	0.0002	0.0004	0.004
1	0,61	WHZ 1	237	0.035 - 0.070	-0.0005/ -0.00 1	2,5	0.0002	0.0004	0.004
1 1/4	0,72	WHZ1 1/4	237	0.059 - 0.078	-0.0005/ -0.00 1	4,15	0.0002	0.0004	0.004
1 1/2	0,89	WHZ1 1/2	237	0.059 - 0.098	-0.0006/ -0.00 11	5,8	0.0003	0.0004	0.004
2	1,25	WHZ2	237	0.086 - 0.118	-0.0006/ -0.00 13	9,69	0.0003	0.0005	0.004
2 1/2	1,75	WHZ2 1/2	237	0.086 - 0.118	-0.0007/ -0.00 15	12,67	0.0003	0.0005	0.004
3	2	WHZ 3	237	0.086 - 0.118	-0.0008/ -0.00 17	19,88	0.0003	0.0005	0.004

- Special tolerances and diameters are available upon request.
- Length tolerance: +200 / -0 mm.
- Surface hardness: 60 HRC min.