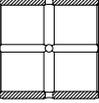
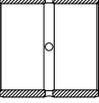
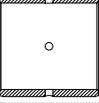
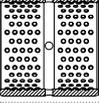
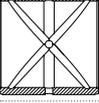
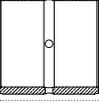
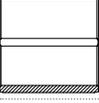
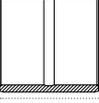
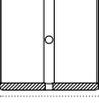
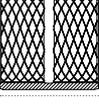
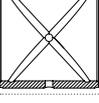
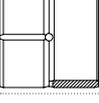


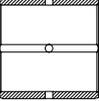
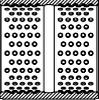
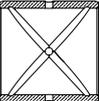
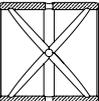
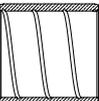
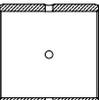
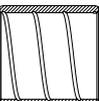
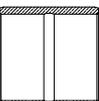
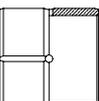
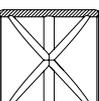
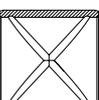
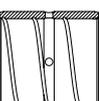
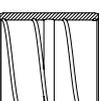
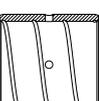
# **BUSHING**

## CATALOGUE



*Your Mining Parts Specialists*

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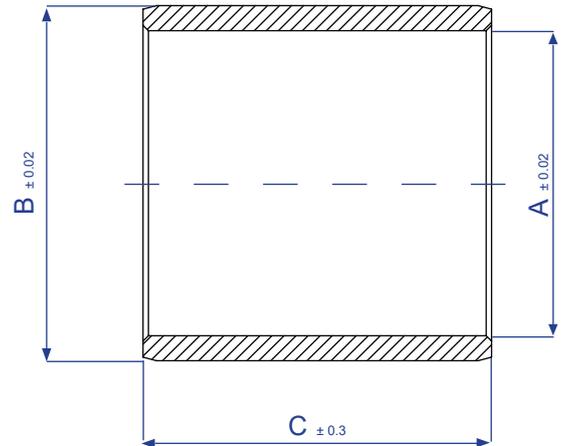
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**BSH.01**

Plain

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.01.4995	15,88	19,03	19,05
BSH.01.4993	19,12	25,35	21,80
BSH.01.4992	19,15	23,87	19,05
BSH.01.4991	19,19	25,40	19,05
BSH.01.4990	20,64	34,92	65,48
BSH.01.4988	25,05	28,60	20,85
BSH.01.4986	25,50	31,80	25,50
BSH.01.4983	30,00	40,00	29,00
BSH.01.4981	30,20	40,12	29,00
BSH.01.4982	30,20	40,12	35,00
BSH.01.4980	30,25	36,12	21,70
BSH.01.4979	31,77	38,12	25,40
BSH.01.4978	31,80	44,50	44,50
BSH.01.4977	31,82	38,14	12,70
BSH.01.4976	31,85	38,00	46,50
BSH.01.4975	31,89	37,93	14,27
BSH.01.4974	31,95	41,35	27,85
BSH.01.4973	31,95	44,53	24,00
BSH.01.4972	31,98	40,00	19,00
BSH.01.4971	32,00	40,00	36,00
BSH.01.4970	35,00	38,10	29,00
BSH.01.4969	35,00	45,00	55,00
BSH.01.4968	35,03	46,10	28,57
BSH.01.4965	35,20	45,14	32,00
BSH.01.4967	35,20	45,14	40,00
BSH.01.4966	35,20	45,14	50,00
BSH.01.4964	38,10	44,47	35,00
BSH.01.4963	38,20	44,70	63,50
BSH.01.4962	38,25	50,88	27,60
BSH.01.4961	38,26	50,86	16,00

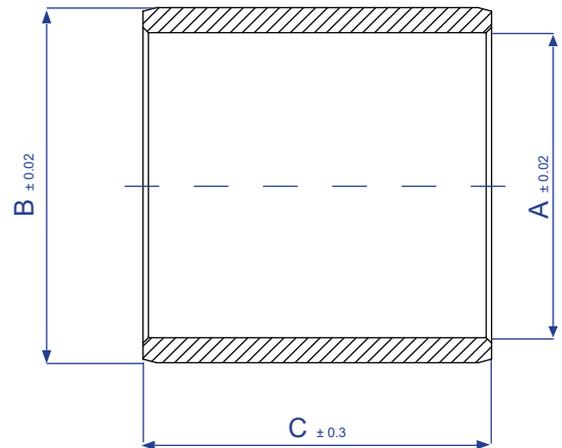
P.N.	A (mm)	B (mm)	C (mm)
BSH.01.4960	38,30	50,80	36,00
BSH.01.4959	38,30	50,90	28,00
BSH.01.4958	38,40	50,87	49,80
BSH.01.4957	38,50	57,25	50,00
BSH.01.4956	39,30	44,50	14,00
BSH.01.4953	40,00	48,00	32,00
BSH.01.4952	40,00	50,00	40,00
BSH.01.4954	40,00	50,00	45,00
BSH.01.4955	40,00	53,60	20,00
BSH.01.4949	40,08	45,93	34,00
BSH.01.4948	40,10	54,00	32,00
BSH.01.4947	40,14	54,00	32,00
BSH.01.4944	40,20	50,14	30,00
BSH.01.4946	40,20	50,14	40,00
BSH.01.4945	40,20	53,60	34,00
BSH.01.4943	40,28	53,10	20,00
BSH.01.4942	40,30	53,07	37,85
BSH.01.4941	44,45	57,35	50,80
BSH.01.4940	44,49	54,01	60,20
BSH.01.4939	44,56	63,56	44,00
BSH.01.4938	44,60	54,12	50,80
BSH.01.4935	44,60	57,14	35,00
BSH.01.4936	44,60	57,15	34,50
BSH.01.4932	44,60	57,15	35,50
BSH.01.4933	44,60	57,20	31,40
BSH.01.4937	44,60	57,20	39,50
BSH.01.4934	44,60	57,20	70,20
BSH.01.4931	44,68	63,50	50,00
BSH.01.4930	44,70	50,90	42,00
BSH.01.4928	44,75	57,22	62,70

**BSH.01**

Plain

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.01.4929	44,75	63,10	39,60
BSH.01.4927	44,76	57,23	50,00
BSH.01.4923	45,00	55,00	40,80
BSH.01.4924	45,00	57,20	100,00
BSH.01.4922	45,00	57,22	70,00
BSH.01.4921	45,00	58,00	27,10
BSH.01.4926	45,00	58,00	50,15
BSH.01.4920	45,00	58,13	24,00
BSH.01.4918	45,20	55,14	45,00
BSH.01.4919	45,20	58,50	23,61
BSH.01.4917	45,22	55,15	40,00
BSH.01.4916	45,22	55,15	40,00
BSH.01.4915	45,22	55,15	45,00
BSH.01.4914	45,25	55,00	28,00
BSH.01.4907	45,28	58,09	45,18
BSH.01.4911	45,28	58,10	17,60
BSH.01.4910	45,28	58,10	24,00
BSH.01.4908	45,28	58,10	32,00
BSH.01.4909	45,28	58,10	34,00
BSH.01.4913	45,28	58,10	36,50
BSH.01.4912	45,28	58,10	40,00
BSH.01.4906	47,91	86,16	47,77
BSH.01.4900	50,00	55,00	49,60
BSH.01.4901	50,00	58,00	35,00
BSH.01.4904	50,00	63,00	18,00
BSH.01.4903	50,00	63,00	37,65
BSH.01.4905	50,00	63,00	45,90
BSH.01.4902	50,00	64,00	23,00
BSH.01.4899	50,15	64,09	43,00
BSH.01.4898	50,15	64,10	38,00

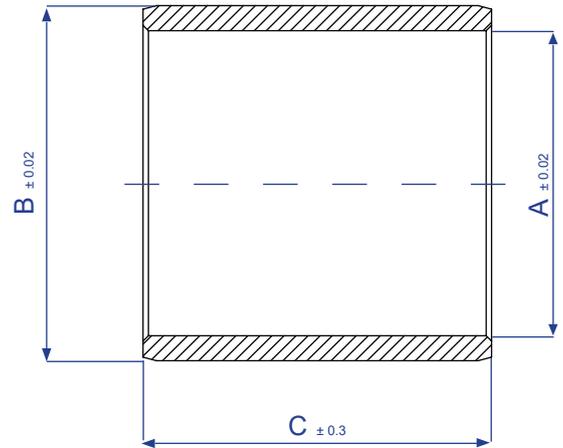
P.N.	A (mm)	B (mm)	C (mm)
BSH.01.4897	50,20	63,00	19,05
BSH.01.4896	50,20	63,00	38,10
BSH.01.4895	50,20	63,01	122,10
BSH.01.4893	50,20	63,50	23,15
BSH.01.4892	50,24	60,17	49,70
BSH.01.4891	50,24	60,17	50,00
BSH.01.4889	50,26	63,07	61,00
BSH.01.4886	50,27	63,06	19,00
BSH.01.4885	50,27	63,06	38,00
BSH.01.4888	50,27	63,06	42,00
BSH.01.4887	50,27	63,07	33,00
BSH.01.4882	50,30	63,09	24,00
BSH.01.4883	50,30	63,09	34,00
BSH.01.4884	50,30	63,10	16,00
BSH.01.4880	50,62	75,92	31,75
BSH.01.4879	50,64	60,20	32,00
BSH.01.4878	50,64	60,20	33,00
BSH.01.4876	50,80	63,50	28,57
BSH.01.4875	50,92	63,57	38,85
BSH.01.4874	50,94	57,20	38,10
BSH.01.4871	50,95	63,55	35,00
BSH.01.4870	50,95	63,55	59,00
BSH.01.4872	50,95	63,56	38,20
BSH.01.4873	50,95	63,56	40,80
BSH.01.4867	51,00	63,52	50,00
BSH.01.4868	51,00	63,60	50,00
BSH.01.4869	51,00	63,63	28,52
BSH.01.4866	51,05	63,60	38,00
BSH.01.4865	51,07	63,63	62,40
BSH.01.4864	51,10	63,60	44,30

**BSH.01**

Plain

Steel

Carbonitriding Depth.= 0,8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.01.4863	51,25	60,33	57,50
BSH.01.4860	51,30	63,50	35,70
BSH.01.4861	51,30	63,50	42,50
BSH.01.4862	51,30	63,50	52,00
BSH.01.4859	53,70	63,00	41,00
BSH.01.4857	55,00	68,00	25,10
BSH.01.4858	55,00	68,00	44,60
BSH.01.4855	55,00	68,00	55,50
BSH.01.4856	55,00	69,00	38,22
BSH.01.4854	55,15	74,12	22,00
BSH.01.4852	55,20	68,60	39,00
BSH.01.4853	55,20	68,60	55,20
BSH.01.4850	55,30	68,09	20,00
BSH.01.4851	55,30	68,10	38,20
BSH.01.4849	57,13	65,90	39,00
BSH.01.4848	57,15	66,47	44,50
BSH.01.4847	57,15	69,85	28,57
BSH.01.4846	57,17	70,07	120,00
BSH.01.4845	57,18	70,07	30,00
BSH.01.4843	57,25	82,66	31,75
BSH.01.4844	57,25	83,08	30,00
BSH.01.4842	57,30	69,93	60,50
BSH.01.4840	57,39	69,94	47,80
BSH.01.4839	57,40	69,95	62,00
BSH.01.4838	57,43	69,90	38,00
BSH.01.4837	57,50	69,90	49,90
BSH.01.4836	57,60	66,77	76,20
BSH.01.4834	59,90	69,85	42,00
BSH.01.4835	59,90	69,95	36,55
BSH.01.4832	60,00	73,00	28,70

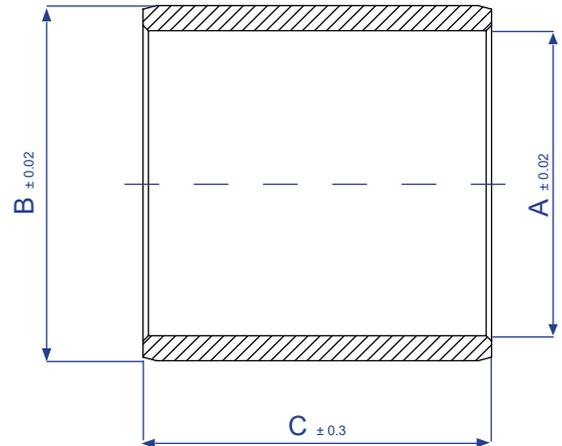
P.N.	A (mm)	B (mm)	C (mm)
BSH.01.4829	60,00	73,00	29,61
BSH.01.4833	60,00	73,00	37,50
BSH.01.4828	60,00	73,00	41,00
BSH.01.4831	60,00	74,98	48,00
BSH.01.4830	60,00	75,00	35,00
BSH.01.4827	60,15	74,12	22,00
BSH.01.4826	60,15	74,12	26,00
BSH.01.4825	60,16	74,11	22,00
BSH.01.4824	60,19	73,14	26,00
BSH.01.4823	60,30	73,10	38,00
BSH.01.4822	60,32	73,10	54,60
BSH.01.4821	60,33	73,12	50,00
BSH.01.4820	60,60	73,42	40,00
BSH.01.4819	63,28	75,76	62,50
BSH.01.4817	63,50	73,06	63,50
BSH.01.4816	63,50	73,10	50,80
BSH.01.4818	63,50	76,30	53,60
BSH.01.4814	63,60	76,32	38,10
BSH.01.4815	63,60	76,32	54,00
BSH.01.4813	63,66	76,26	32,90
BSH.01.4811	63,69	76,28	50,40
BSH.01.4812	63,69	76,28	59,90
BSH.01.4810	63,70	76,24	31,70
BSH.01.4808	63,70	76,36	33,40
BSH.01.4809	63,70	76,45	34,00
BSH.01.4807	63,71	76,43	68,00
BSH.01.4806	63,74	76,41	115,00
BSH.01.4805	63,75	76,26	26,00
BSH.01.4803	63,80	76,35	41,00
BSH.01.4802	63,82	76,34	33,00

**BSH.01**

Plain

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.01.4801	63,85	76,40	49,00
BSH.01.4797	64,00	71,00	23,50
BSH.01.4796	64,00	71,00	55,00
BSH.01.4800	64,00	76,25	35,00
BSH.01.4798	64,00	76,30	63,50
BSH.01.4799	64,00	76,75	30,00
BSH.01.4795	64,05	76,75	50,20
BSH.01.4794	65,00	78,00	63,00
BSH.01.4793	65,00	80,00	50,50
BSH.01.4792	65,07	75,00	10,80
BSH.01.4790	65,14	80,00	65,00
BSH.01.4789	65,20	84,10	43,00
BSH.01.4788	65,32	78,13	35,00
BSH.01.4787	65,32	78,13	42,00
BSH.01.4786	65,35	78,10	42,60
BSH.01.4784	65,35	78,10	48,00
BSH.01.4785	65,35	78,15	38,00
BSH.01.4783	66,20	82,60	85,00
BSH.01.4781	66,30	79,37	65,10
BSH.01.4782	66,30	85,05	69,80
BSH.01.4780	66,32	81,86	31,50
BSH.01.4779	66,72	85,72	36,65
BSH.01.4777	68,00	85,00	58,10
BSH.01.4776	69,66	79,95	52,00
BSH.01.4775	69,88	88,65	38,75
BSH.01.4774	69,90	82,65	60,50
BSH.01.4766	70,00	82,62	66,30
BSH.01.4768	70,00	82,68	37,10
BSH.01.4769	70,00	82,68	95,25
BSH.01.4772	70,00	82,70	44,50

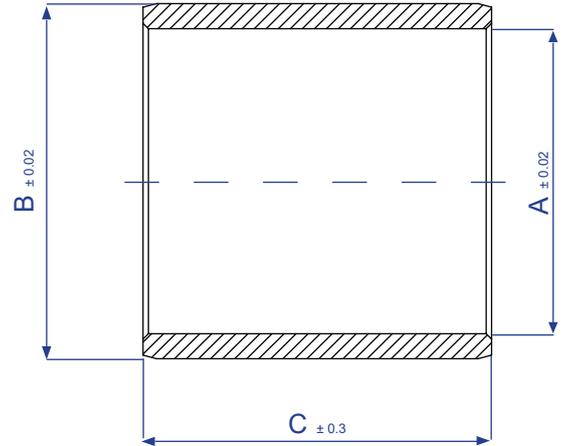
P.N.	A (mm)	B (mm)	C (mm)
BSH.01.4773	70,00	82,70	60,50
BSH.01.4771	70,00	83,00	33,60
BSH.01.4767	70,00	85,00	36,30
BSH.01.4770	70,00	85,00	50,00
BSH.01.4765	70,04	82,64	60,00
BSH.01.4764	70,04	82,66	56,70
BSH.01.4763	70,04	83,16	77,70
BSH.01.4762	70,04	86,50	97,50
BSH.01.4760	70,05	82,64	45,00
BSH.01.4761	70,05	82,72	60,30
BSH.01.4759	70,09	82,62	32,70
BSH.01.4758	70,10	120,77	30,00
BSH.01.4757	70,11	120,77	35,00
BSH.01.4754	70,20	83,60	32,00
BSH.01.4753	70,20	85,10	65,00
BSH.01.4752	70,27	80,00	103,70
BSH.01.4751	70,30	85,20	30,75
BSH.01.4750	70,30	89,00	39,90
BSH.01.4749	70,33	83,13	35,00
BSH.01.4747	70,33	83,13	49,00
BSH.01.4748	70,33	83,15	38,00
BSH.01.4746	70,35	83,05	44,50
BSH.01.4745	70,50	84,00	39,00
BSH.01.4744	72,10	82,62	90,20
BSH.01.4743	73,22	88,55	46,00
BSH.01.4742	73,46	89,03	34,80
BSH.01.4741	73,59	89,03	41,50
BSH.01.4740	75,12	100,20	32,00
BSH.01.4739	75,54	89,90	81,00
BSH.01.4738	75,56	88,90	143,00

**BSH.01**

Plain

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.01.4737	75,85	86,00	50,00
BSH.01.4736	75,92	89,47	105,00
BSH.01.4735	76,00	88,85	73,00
BSH.01.4734	76,05	88,95	40,20
BSH.01.4733	76,19	90,00	72,00
BSH.01.4731	76,20	88,70	39,50
BSH.01.4732	76,20	90,00	78,60
BSH.01.4730	76,27	98,52	50,80
BSH.01.4729	76,27	100,05	50,80
BSH.01.4728	76,32	89,30	50,00
BSH.01.4727	76,32	101,72	28,40
BSH.01.4726	76,35	89,03	72,50
BSH.01.4724	76,35	90,50	28,00
BSH.01.4725	76,35	101,77	22,50
BSH.01.4722	76,40	88,98	27,00
BSH.01.4723	76,40	89,00	69,80
BSH.01.4721	76,40	89,10	160,00
BSH.01.4719	76,47	89,02	76,20
BSH.01.4720	76,47	95,35	56,50
BSH.01.4718	76,48	88,97	50,00
BSH.01.4717	76,50	88,98	69,85
BSH.01.4716	76,50	89,00	51,00
BSH.01.4714	76,50	89,04	50,00
BSH.01.4715	76,50	95,40	44,50
BSH.01.4713	76,52	89,13	69,90
BSH.01.4710	76,70	88,99	88,90
BSH.01.4711	76,70	95,30	133,00
BSH.01.4712	76,70	95,34	38,00
BSH.01.4709	76,76	89,00	57,00
BSH.01.4708	76,80	89,00	33,30

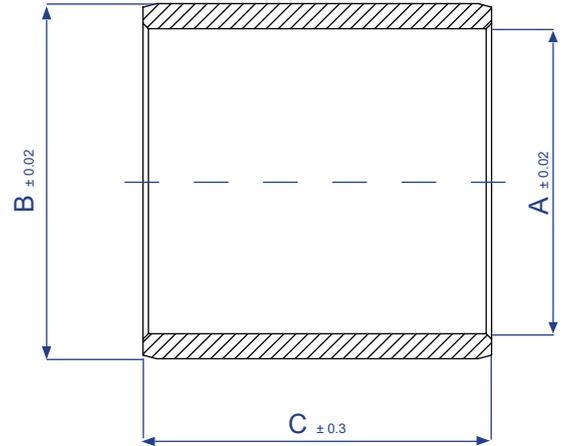
P.N.	A (mm)	B (mm)	C (mm)
BSH.01.4707	76,91	95,32	57,15
BSH.01.4706	79,70	92,20	63,50
BSH.01.4705	79,75	92,24	77,00
BSH.01.4701	80,00	95,00	36,30
BSH.01.4702	80,00	95,00	39,30
BSH.01.4699	80,00	95,00	40,00
BSH.01.4698	80,00	95,00	50,00
BSH.01.4697	80,00	95,00	53,00
BSH.01.4704	80,00	95,00	70,00
BSH.01.4700	80,00	95,00	70,00
BSH.01.4695	80,22	90,10	110,00
BSH.01.4694	80,25	95,15	77,70
BSH.01.4692	80,35	95,30	30,80
BSH.01.4691	80,35	95,34	47,50
BSH.01.4690	80,40	101,20	44,40
BSH.01.4689	82,55	95,05	42,80
BSH.01.4688	82,59	95,35	79,30
BSH.01.4685	82,70	95,31	71,60
BSH.01.4684	82,71	95,29	54,76
BSH.01.4683	82,73	95,29	46,00
BSH.01.4682	82,75	95,35	76,00
BSH.01.4681	82,87	95,50	82,00
BSH.01.4680	87,25	97,40	57,10
BSH.01.4679	88,46	101,24	49,00
BSH.01.4678	88,46	101,24	63,00
BSH.01.4677	88,80	101,55	63,50
BSH.01.4676	88,90	101,60	63,50
BSH.01.4675	88,92	114,32	63,00
BSH.01.4674	89,02	108,05	55,60
BSH.01.4672	89,05	108,00	63,40

**BSH.01**

Plain

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.01.4673	89,05	120,80	31,75
BSH.01.4671	89,10	104,70	45,00
BSH.01.4669	89,12	108,09	56,70
BSH.01.4670	89,12	108,09	67,00
BSH.01.4668	89,13	104,83	76,20
BSH.01.4667	89,15	108,22	57,15
BSH.01.4666	89,17	101,70	90,00
BSH.01.4665	89,17	101,70	95,20
BSH.01.4663	89,18	104,86	52,00
BSH.01.4664	89,18	114,40	108,00
BSH.01.4662	89,20	101,70	49,20
BSH.01.4660	89,21	101,76	38,00
BSH.01.4661	89,21	101,76	55,00
BSH.01.4659	89,23	112,06	67,50
BSH.01.4658	89,30	108,10	89,00
BSH.01.4657	89,35	104,93	79,50
BSH.01.4655	89,40	101,65	60,30
BSH.01.4656	89,40	101,66	76,20
BSH.01.4654	89,40	101,70	44,50
BSH.01.4653	89,43	101,78	38,80
BSH.01.4652	89,54	114,38	80,00
BSH.01.4651	89,60	114,40	61,40
BSH.01.4650	90,00	104,80	75,00
BSH.01.4646	90,00	105,00	30,00
BSH.01.4648	90,00	105,00	40,00
BSH.01.4649	90,00	105,00	41,30
BSH.01.4647	90,00	105,00	50,00
BSH.01.4643	90,00	105,00	52,50
BSH.01.4645	90,00	105,00	55,00
BSH.01.4644	90,00	105,00	65,00

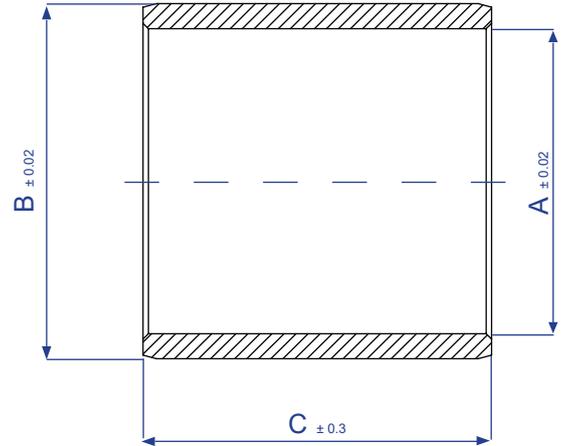
P.N.	A (mm)	B (mm)	C (mm)
BSH.01.4642	90,09	105,34	57,00
BSH.01.4640	90,27	106,20	40,00
BSH.01.4641	90,27	106,20	57,00
BSH.01.4639	90,30	105,17	69,75
BSH.01.4638	90,35	114,30	33,30
BSH.01.4637	90,40	100,00	92,50
BSH.01.4635	93,00	118,50	84,50
BSH.01.4633	95,25	115,00	95,40
BSH.01.4632	95,52	108,08	94,00
BSH.01.4631	95,52	109,56	94,00
BSH.01.4630	95,52	111,07	94,00
BSH.01.4629	95,53	108,00	94,00
BSH.01.4628	95,54	108,07	92,00
BSH.01.4627	95,55	108,11	74,00
BSH.01.4624	100,00	115,00	52,00
BSH.01.4625	100,00	115,00	60,00
BSH.01.4623	100,66	117,53	62,99
BSH.01.4622	101,47	113,79	70,00
BSH.01.4621	101,60	117,50	72,20
BSH.01.4620	101,74	120,71	63,89
BSH.01.4618	101,76	120,72	63,00
BSH.01.4617	101,84	117,60	75,80
BSH.01.4616	101,90	117,60	60,00
BSH.01.4615	101,95	117,74	48,02
BSH.01.4614	102,08	127,11	94,00
BSH.01.4613	102,09	120,91	63,50
BSH.01.4612	102,10	133,00	89,00
BSH.01.4611	102,30	127,10	70,00
BSH.01.4610	102,45	127,20	53,90
BSH.01.4606	108,14	120,70	33,00

**BSH.01**

Plain

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



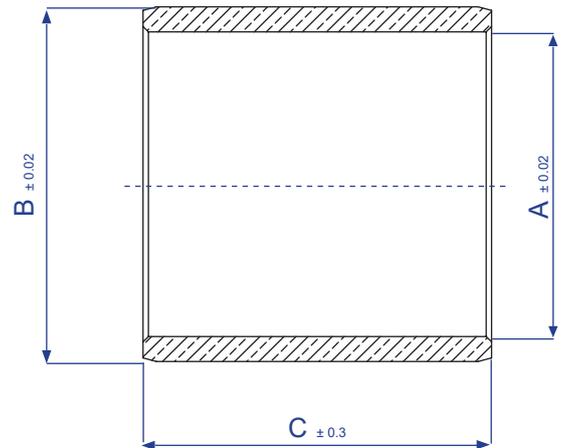
P.N.	A (mm)	B (mm)	C (mm)
BSH.01.4607	108,14	120,70	45,10
BSH.01.4605	108,23	124,00	100,80
BSH.01.4604	110,00	130,00	70,50
BSH.01.4603	110,30	130,25	73,80
BSH.01.4602	110,50	125,40	44,50
BSH.01.4601	110,50	125,40	54,00
BSH.01.4600	114,50	133,50	190,80
BSH.01.4599	114,77	139,85	70,00
BSH.01.4573	114,77	139,85	70,00
BSH.01.4598	114,78	139,84	66,50
BSH.01.4597	115,10	127,15	84,50
BSH.01.4596	120,00	166,87	64,60
BSH.01.4594	125,00	140,00	90,00
BSH.01.4593	127,10	139,76	52,39
BSH.01.4592	127,15	146,10	88,70

P.N.	A (mm)	B (mm)	C (mm)
BSH.01.4591	127,48	146,16	93,66
BSH.01.4590	130,00	150,00	74,00
BSH.01.4589	133,70	145,97	38,10
BSH.01.4588	140,00	152,30	38,00
BSH.01.4587	140,00	160,00	93,50
BSH.01.4586	140,25	152,54	107,80
BSH.01.4585	140,25	159,00	40,00
BSH.01.4584	140,31	190,14	50,00
BSH.01.4582	155,60	168,35	32,00
BSH.01.4580	165,60	190,72	50,00
BSH.01.4577	180,33	230,17	70,00
BSH.01.4576	180,39	230,25	130,00
BSH.01.4575	202,30	228,15	54,10
BSH.01.4574	44,70	57,23	50,00

**BSH.02**

Plain

Bronze



P.N.	A (mm)	B (mm)	C (mm)
BSH.02.4998	12,70	15,88	15,88
BSH.02.4996	12,76	19,15	19,05
BSH.02.4995	19,10	25,50	25,40
BSH.02.4994	25,30	49,00	19,00
BSH.02.4993	28,55	34,00	34,00
BSH.02.4992	30,05	34,95	39,50
BSH.02.4991	31,69	38,05	41,20
BSH.02.4989	31,70	38,05	37,00
BSH.02.4990	31,70	38,08	37,00
BSH.02.4988	31,72	38,15	41,00
BSH.02.4987	31,80	38,15	36,50
BSH.02.4986	32,00	44,60	30,00
BSH.02.4985	38,11	44,69	45,00
BSH.02.4984	38,20	44,50	47,60
BSH.02.4983	38,22	44,51	38,10
BSH.02.4982	41,85	48,95	50,00
BSH.02.4981	42,35	51,78	47,00
BSH.02.4979	42,38	51,80	50,50
BSH.02.4980	42,38	51,80	54,50

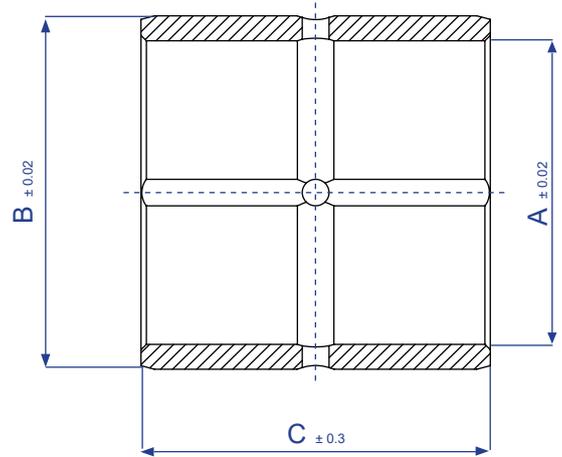
P.N.	A (mm)	B (mm)	C (mm)
BSH.02.4978	44,43	57,05	54,00
BSH.02.4976	48,02	57,44	61,00
BSH.02.4975	52,40	77,48	73,00
BSH.02.4974	57,28	69,93	76,20
BSH.02.4973	59,45	74,89	81,00
BSH.02.4972	63,52	73,10	66,55
BSH.02.4971	65,20	75,00	75,00
BSH.02.4970	66,35	81,90	68,00
BSH.02.4969	70,09	92,11	52,00
BSH.02.4968	70,20	80,00	71,00
BSH.02.4966	80,40	90,15	54,80
BSH.02.4965	81,00	104,90	13,00
BSH.02.4964	82,67	95,25	69,00
BSH.02.4963	85,20	95,00	113,60
BSH.02.4960	100,40	115,34	39,50
BSH.02.4959	100,40	115,34	69,50
BSH.02.4958	101,90	114,44	41,00
BSH.02.4957	110,20	120,00	74,70

**BSH.03**

External groove, internal groove,  
cross holes, internal millings

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.03.5000	65,10	80,12	69,80
BSH.03.4999	80,00	90,00	95,00
BSH.03.4997	80,25	95,19	80,00
BSH.03.4998	80,25	95,19	105,00
BSH.03.4996	90,26	106,21	90,00
BSH.03.4995	90,26	106,21	90,00
BSH.03.4994	90,27	106,20	90,00

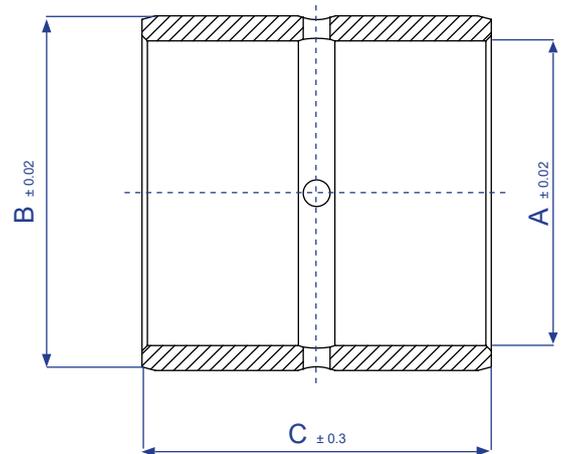
P.N.	A (mm)	B (mm)	C (mm)
BSH.03.4993	100,27	116,22	100,00
BSH.03.4992	100,29	116,23	100,00
BSH.03.4989	110,30	130,24	130,00
BSH.03.4991	110,30	130,25	110,00
BSH.03.4990	110,30	130,25	120,00
BSH.03.4987	130,32	154,27	140,00
BSH.03.4986	140,34	164,29	164,00

**BSH.04**

External groove, internal groove, cross holes

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.04.5000	30,00	40,00	30,00
BSH.04.4999	30,00	40,00	44,50
BSH.04.4998	30,15	36,00	34,80
BSH.04.4997	32,00	38,00	40,00
BSH.04.4992	35,00	45,00	30,00
BSH.04.4996	35,00	45,00	35,00
BSH.04.4994	35,00	45,00	49,50
BSH.04.4991	37,95	50,48	50,00
BSH.04.4990	38,22	47,72	44,45
BSH.04.4989	38,25	47,71	60,00
BSH.04.4988	38,25	47,71	64,00
BSH.04.4987	38,25	50,85	44,00
BSH.04.4986	39,90	50,00	60,50
BSH.04.4984	40,00	50,00	29,50
BSH.04.4985	40,00	50,00	54,50
BSH.04.4981	44,45	57,14	35,30
BSH.04.4980	44,45	57,16	55,00
BSH.04.4983	44,45	57,28	49,00
BSH.04.4982	44,45	57,28	52,00
BSH.04.4979	44,58	57,00	50,20
BSH.04.4978	44,60	57,20	63,00
BSH.04.4977	44,65	57,28	20,80
BSH.04.4976	44,65	57,28	35,00
BSH.04.4972	45,00	53,00	30,00
BSH.04.4973	45,00	55,00	40,20
BSH.04.4975	45,00	55,00	45,00
BSH.04.4974	45,00	55,00	49,50
BSH.04.4971	45,00	55,00	50,00
BSH.04.4970	45,00	55,08	50,00
BSH.04.4969	45,15	55,08	59,75

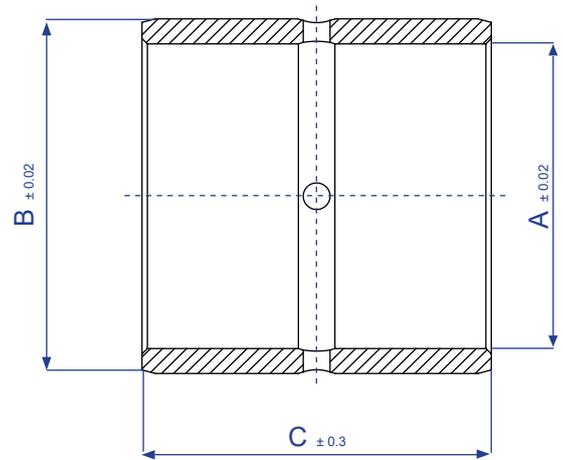
P.N.	A (mm)	B (mm)	C (mm)
BSH.04.4968	45,20	55,17	50,00
BSH.04.4964	50,00	60,00	45,00
BSH.04.4966	50,00	60,00	50,00
BSH.04.4965	50,00	60,00	70,00
BSH.04.4967	50,00	60,70	49,50
BSH.04.4963	50,20	60,00	39,50
BSH.04.4962	50,23	60,15	50,00
BSH.04.4958	50,95	60,40	50,70
BSH.04.4961	50,95	63,53	62,80
BSH.04.4959	50,95	63,55	47,60
BSH.04.4960	50,95	63,55	59,10
BSH.04.4957	50,95	63,55	94,40
BSH.04.4956	50,96	63,57	75,00
BSH.04.4955	50,98	63,57	78,60
BSH.04.4954	51,00	60,45	60,00
BSH.04.4951	51,00	63,50	58,00
BSH.04.4953	51,00	63,50	72,00
BSH.04.4950	51,00	63,52	52,00
BSH.04.4952	51,00	63,60	47,60
BSH.04.4946	51,02	60,44	69,70
BSH.04.4947	51,02	60,44	85,70
BSH.04.4949	51,02	63,62	33,25
BSH.04.4948	51,02	63,63	33,30
BSH.04.4945	51,03	60,45	64,00
BSH.04.4943	51,10	63,56	58,00
BSH.04.4944	51,10	63,68	40,10
BSH.04.4941	55,00	68,00	59,00
BSH.04.4939	55,15	65,08	59,75
BSH.04.4938	55,17	68,06	45,00
BSH.04.4937	55,20	65,15	40,00

**BSH.04**

External groove, internal groove, cross holes

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.04.4936	55,20	65,15	60,00
BSH.04.4934	57,35	69,90	59,20
BSH.04.4933	57,38	69,96	35,10
BSH.04.4932	57,40	69,90	82,00
BSH.04.4931	60,00	73,00	30,00
BSH.04.4930	60,00	75,00	50,00
BSH.04.4929	60,00	75,00	70,00
BSH.04.4927	60,10	70,00	61,85
BSH.04.4924	60,13	75,07	60,00
BSH.04.4925	60,13	75,08	65,00
BSH.04.4923	60,13	75,08	80,00
BSH.04.4926	60,13	75,10	90,00
BSH.04.4920	60,18	75,12	70,00
BSH.04.4922	60,18	75,14	72,00
BSH.04.4919	60,18	75,14	80,00
BSH.04.4921	60,18	75,14	87,00
BSH.04.4918	60,18	75,14	90,00
BSH.04.4917	60,19	75,15	65,00
BSH.04.4916	63,65	76,25	70,00
BSH.04.4915	63,65	76,27	56,50
BSH.04.4912	63,66	76,26	56,60
BSH.04.4913	63,66	76,26	75,40
BSH.04.4914	63,66	76,27	88,10
BSH.04.4911	63,73	76,31	44,50
BSH.04.4910	63,73	82,66	41,30
BSH.04.4909	63,75	76,27	65,00
BSH.04.4908	63,76	76,25	98,00
BSH.04.4907	64,05	76,75	35,00
BSH.04.4904	65,00	80,00	50,00
BSH.04.4905	65,00	80,00	60,00

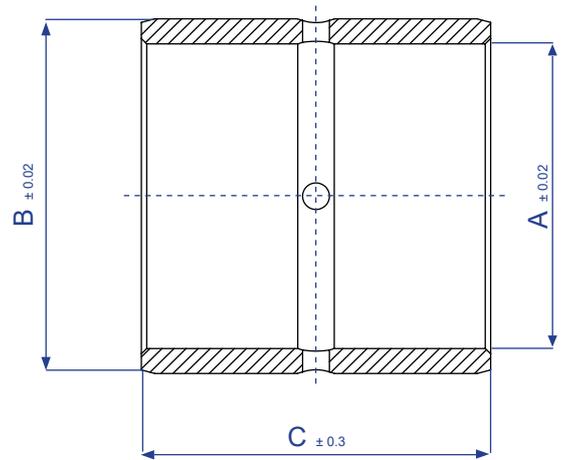
P.N.	A (mm)	B (mm)	C (mm)
BSH.04.4906	65,00	80,00	64,50
BSH.04.4903	65,12	80,10	60,00
BSH.04.4902	65,19	80,15	60,40
BSH.04.4900	70,00	82,60	75,40
BSH.04.4899	70,00	85,00	86,00
BSH.04.4898	70,05	82,71	70,20
BSH.04.4894	70,10	82,60	70,20
BSH.04.4895	70,10	82,63	63,60
BSH.04.4896	70,10	82,63	111,00
BSH.04.4897	70,10	85,10	85,00
BSH.04.4891	70,11	85,10	65,00
BSH.04.4892	70,11	85,10	90,00
BSH.04.4888	70,15	80,00	104,00
BSH.04.4889	70,15	80,15	95,00
BSH.04.4885	70,22	80,07	94,25
BSH.04.4886	70,22	85,15	89,80
BSH.04.4887	70,22	85,17	85,00
BSH.04.4883	70,23	85,16	60,00
BSH.04.4884	70,23	85,16	70,00
BSH.04.4881	70,23	85,16	72,00
BSH.04.4882	70,23	85,16	75,00
BSH.04.4880	70,30	85,26	67,00
BSH.04.4879	70,32	85,32	85,00
BSH.04.4878	70,45	85,11	70,00
BSH.04.4877	71,00	86,00	50,00
BSH.04.4876	71,00	86,00	70,00
BSH.04.4875	75,00	90,00	65,00
BSH.04.4874	75,20	90,12	65,00
BSH.04.4873	76,28	98,56	54,00
BSH.04.4872	76,34	88,90	101,00

**BSH.04**

External groove, internal groove, cross holes

Steel

Carbonitriding Depth.= 0.8±1 mm HRC = 55±62



P.N.	A (mm)	B (mm)	C (mm)
BSH.04.4871	76,35	88,97	82,50
BSH.04.4870	76,38	88,96	81,90
BSH.04.4869	76,44	8,05	107,60
BSH.04.4866	76,45	88,97	57,50
BSH.04.4868	76,45	89,05	63,50
BSH.04.4867	76,45	89,07	133,00
BSH.04.4865	76,50	89,00	78,00
BSH.04.4864	76,53	95,38	60,50
BSH.04.4863	76,60	89,00	73,60
BSH.04.4860	80,00	90,00	90,00
BSH.04.4861	80,00	90,00	110,00
BSH.04.4858	80,00	94,00	65,00
BSH.04.4856	80,00	95,00	53,00
BSH.04.4857	80,00	95,00	65,00
BSH.04.4855	80,00	95,00	86,00
BSH.04.4854	80,10	95,10	104,80
BSH.04.4853	80,11	95,11	80,00
BSH.04.4851	80,11	95,11	85,00
BSH.04.4852	80,11	95,11	90,00
BSH.04.4849	80,12	95,10	80,00
BSH.04.4848	80,12	95,10	100,00
BSH.04.4847	80,12	95,10	120,00
BSH.04.4846	80,12	95,10	125,00
BSH.04.4850	80,12	95,11	80,00
BSH.04.4845	80,12	95,11	80,00
BSH.04.4843	80,22	90,09	94,20
BSH.04.4844	80,22	95,20	80,00
BSH.04.4841	80,23	90,10	89,30
BSH.04.4840	80,23	90,10	104,30
BSH.04.4842	80,23	95,17	104,75

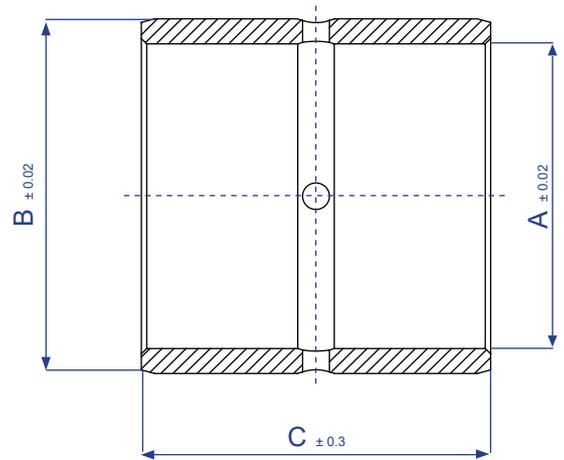
P.N.	A (mm)	B (mm)	C (mm)
BSH.04.4839	80,23	95,18	85,00
BSH.04.4838	80,24	93,70	80,00
BSH.04.4828	80,25	95,18	90,00
BSH.04.4831	80,25	95,18	124,75
BSH.04.4835	80,25	95,19	60,00
BSH.04.4832	80,25	95,19	70,00
BSH.04.4830	80,25	95,19	89,70
BSH.04.4836	80,25	95,19	100,00
BSH.04.4833	80,25	95,19	100,00
BSH.04.4837	80,25	95,19	104,70
BSH.04.4834	80,25	95,19	110,00
BSH.04.4829	80,25	95,19	125,00
BSH.04.4827	80,32	95,32	85,00
BSH.04.4826	82,83	95,34	83,20
BSH.04.4824	82,87	95,37	64,20
BSH.04.4823	85,00	100,00	90,00
BSH.04.4822	88,75	105,00	77,00
BSH.04.4820	89,20	101,75	111,50
BSH.04.4821	89,20	101,77	95,00
BSH.04.4819	89,22	101,78	76,00
BSH.04.4818	89,22	104,82	89,00
BSH.04.4817	89,23	104,85	111,00
BSH.04.4815	89,24	101,80	101,60
BSH.04.4814	89,25	104,95	91,00
BSH.04.4813	89,38	104,84	89,00
BSH.04.4812	89,40	101,70	83,00
BSH.04.4810	89,50	114,35	95,25
BSH.04.4809	89,50	114,35	119,85
BSH.04.4808	90,00	105,00	70,00
BSH.04.4807	90,00	105,00	70,00

**BSH.04**

External groove, internal groove, cross holes

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.04.4806	90,15	106,11	70,00
BSH.04.4804	90,16	106,11	90,00
BSH.04.4800	90,16	106,11	100,00
BSH.04.4801	90,16	106,11	120,00
BSH.04.4805	90,16	106,12	130,00
BSH.04.4799	90,17	106,14	90,00
BSH.04.4795	90,20	100,00	133,00
BSH.04.4796	90,20	106,20	70,20
BSH.04.4797	90,20	106,20	79,00
BSH.04.4791	90,26	106,20	100,00
BSH.04.4792	90,26	106,20	129,75
BSH.04.4794	90,26	106,21	90,00
BSH.04.4793	90,26	106,21	113,00
BSH.04.4790	90,27	106,20	110,00
BSH.04.4789	90,27	106,20	120,00
BSH.04.4787	90,43	105,34	49,50
BSH.04.4786	90,43	105,34	69,50
BSH.04.4784	95,00	110,00	70,00
BSH.04.4785	95,00	110,00	115,00
BSH.04.4782	100,00	115,00	70,00
BSH.04.4781	100,00	115,00	70,00
BSH.04.4780	100,00	115,00	129,80
BSH.04.4779	100,16	116,15	100,00
BSH.04.4777	100,16	116,15	110,00
BSH.04.4776	100,18	116,15	100,00
BSH.04.4775	100,18	116,15	100,00
BSH.04.4774	100,24	116,20	100,00
BSH.04.4772	100,27	116,22	110,00
BSH.04.4773	100,27	116,22	120,00
BSH.04.4770	100,29	116,23	130,00

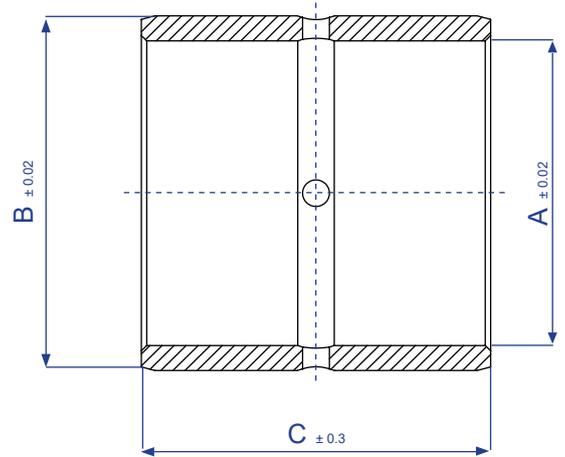
P.N.	A (mm)	B (mm)	C (mm)
BSH.04.4771	100,29	116,23	140,00
BSH.04.4769	101,75	117,57	100,60
BSH.04.4768	101,90	117,60	132,00
BSH.04.4767	102,00	117,68	88,80
BSH.04.4766	102,08	127,11	130,00
BSH.04.4765	102,28	127,11	135,00
BSH.04.4761	110,00	125,00	90,00
BSH.04.4763	110,00	125,00	100,00
BSH.04.4762	110,00	125,00	119,50
BSH.04.4760	110,00	125,00	140,00
BSH.04.4754	110,20	130,12	110,00
BSH.04.4759	110,20	130,14	100,00
BSH.04.4758	110,20	130,15	100,00
BSH.04.4757	110,20	130,15	100,00
BSH.04.4749	110,30	125,15	170,00
BSH.04.4750	110,30	130,24	120,00
BSH.04.4752	110,30	130,24	130,00
BSH.04.4753	110,30	130,24	145,00
BSH.04.4751	110,30	130,24	155,00
BSH.04.4747	114,60	133,45	130,00
BSH.04.4748	114,60	133,45	183,40
BSH.04.4746	114,67	133,42	120,65
BSH.04.4745	120,00	135,00	95,00
BSH.04.4744	120,00	135,00	105,00
BSH.04.4742	120,00	135,00	159,80
BSH.04.4743	120,00	140,00	184,00
BSH.04.4740	120,20	135,00	175,00
BSH.04.4741	120,20	140,20	120,00
BSH.04.4737	120,30	140,30	120,00
BSH.04.4738	120,30	168,15	149,00

**BSH.04**

External groove, internal groove, cross holes

Steel

Carbonitriding Depth.= 0,8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.04.4735	120,32	140,18	130,00
BSH.04.4736	120,32	140,26	130,00
BSH.04.4734	127,30	146,18	132,00
BSH.04.4733	127,30	152,60	132,00
BSH.04.4731	127,40	145,20	121,00
BSH.04.4732	127,40	146,23	131,80
BSH.04.4730	130,30	154,27	160,00
BSH.04.4726	130,32	154,27	120,00
BSH.04.4729	130,32	154,27	130,00
BSH.04.4727	130,32	154,27	130,00
BSH.04.4725	130,32	154,27	140,00
BSH.04.4728	130,32	154,27	150,00
BSH.04.4724	130,32	154,27	165,00
BSH.04.4721	140,34	164,29	140,00
BSH.04.4720	140,34	164,29	180,00

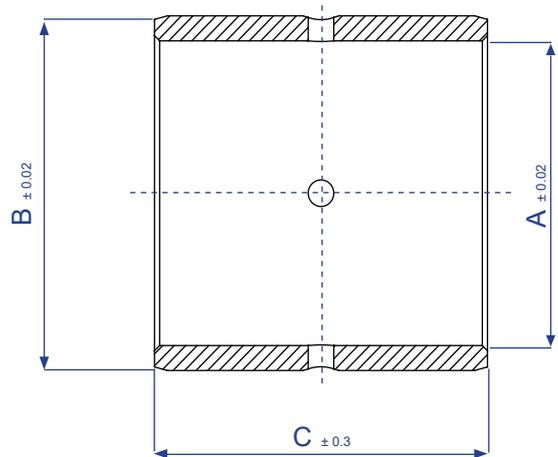
P.N.	A (mm)	B (mm)	C (mm)
BSH.04.4719	140,34	164,29	206,00
BSH.04.4722	140,34	168,15	90,00
BSH.04.4718	140,35	164,22	130,50
BSH.04.4717	140,50	155,20	134,80
BSH.04.4716	150,30	184,15	308,00
BSH.04.4715	160,20	184,25	200,00
BSH.04.4714	165,40	184,30	183,00
BSH.04.4713	165,44	184,25	163,80
BSH.04.4712	165,52	184,25	233,60
BSH.04.4711	180,38	230,25	166,00
BSH.04.4710	180,39	230,25	196,00
BSH.04.4709	180,40	230,25	130,00
BSH.04.4708	183,00	230,25	130,00
BSH.04.4706	203,64	222,52	220,00
BSH.04.4705	220,28	240,17	277,00

**BSH.05**

External groove, cross holes

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.05.4998	30,15	40,15	30,00
BSH.05.4997	35,15	45,15	32,00
BSH.05.4996	35,15	45,15	35,00
BSH.05.4994	35,20	45,12	40,00
BSH.05.4992	38,25	50,85	29,00
BSH.05.4991	38,25	50,85	47,60
BSH.05.4993	38,25	50,88	34,90
BSH.05.4988	40,22	50,15	32,00
BSH.05.4990	40,22	50,15	40,00
BSH.05.4989	40,22	50,15	45,00
BSH.05.4986	44,60	57,14	46,60
BSH.05.4987	44,60	57,14	59,00
BSH.05.4985	44,60	57,15	53,50
BSH.05.4984	44,61	57,20	34,50
BSH.05.4983	45,00	58,00	34,15
BSH.05.4981	45,22	55,15	45,00
BSH.05.4980	45,22	55,15	50,00
BSH.05.4979	50,00	60,00	50,00
BSH.05.4978	50,24	60,17	49,70
BSH.05.4977	50,24	60,17	55,00
BSH.05.4976	50,24	60,17	60,00
BSH.05.4975	50,30	63,10	40,10
BSH.05.4974	50,95	63,55	72,00
BSH.05.4973	50,96	63,57	34,80
BSH.05.4972	51,00	63,55	35,00
BSH.05.4971	51,00	63,55	79,00
BSH.05.4969	51,02	60,50	84,00
BSH.05.4968	51,02	63,53	64,00
BSH.05.4970	51,02	63,53	74,00
BSH.05.4967	51,05	63,54	60,30

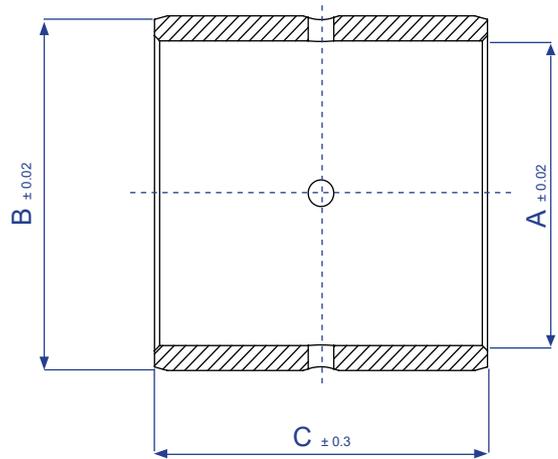
P.N.	A (mm)	B (mm)	C (mm)
BSH.05.4966	57,38	69,90	60,00
BSH.05.4965	57,47	69,93	60,00
BSH.05.4963	63,60	76,32	38,20
BSH.05.4962	63,66	76,26	91,70
BSH.05.4961	63,70	74,75	63,50
BSH.05.4960	63,74	76,23	95,00
BSH.05.4958	63,75	76,23	109,00
BSH.05.4959	63,75	76,25	57,30
BSH.05.4956	70,04	28,66	62,60
BSH.05.4955	70,10	82,60	56,00
BSH.05.4954	70,10	82,65	60,00
BSH.05.4953	70,32	85,26	70,00
BSH.05.4952	70,33	83,14	47,00
BSH.05.4951	76,42	89,06	74,00
BSH.05.4950	76,43	89,00	73,80
BSH.05.4949	76,49	89,00	94,00
BSH.05.4948	76,50	89,06	107,70
BSH.05.4947	80,00	93,00	20,15
BSH.05.4946	80,00	93,00	30,20
BSH.05.4945	80,37	95,33	60,00
BSH.05.4944	80,38	95,36	70,00
BSH.05.4943	82,80	104,80	100,00
BSH.05.4942	88,95	104,95	28,00
BSH.05.4941	89,17	104,87	82,00
BSH.05.4940	89,18	104,87	94,00
BSH.05.4939	89,23	112,13	148,30
BSH.05.4938	90,27	103,68	25,00
BSH.05.4937	90,27	103,68	35,00
BSH.05.4936	90,37	105,33	70,00
BSH.05.4935	95,24	111,20	30,40

**BSH.05**

External groove, cross holes

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.05.4934	95,52	114,45	88,50
BSH.05.4933	95,54	112,50	88,50
BSH.05.4932	95,60	114,45	107,30
BSH.05.4931	108,30	120,80	118,00
BSH.05.4930	114,62	133,50	150,00
BSH.05.4929	114,62	146,12	158,00

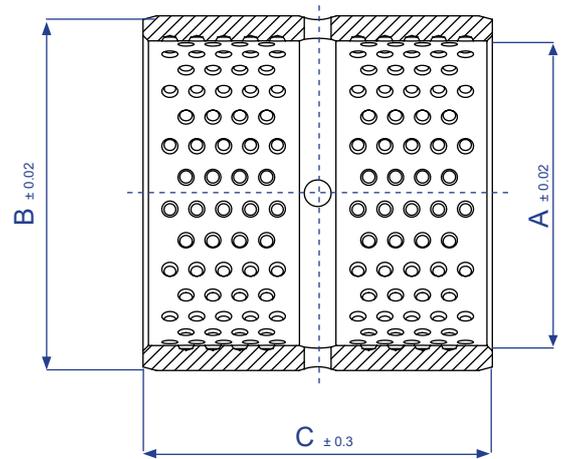
P.N.	A (mm)	B (mm)	C (mm)
BSH.05.4928	114,63	133,45	130,00
BSH.05.4927	114,66	139,90	107,50
BSH.05.4926	127,25	146,15	234,50
BSH.05.4925	127,35	146,20	105,00
BSH.05.4924	127,35	146,20	140,00
BSH.05.4923	133,71	152,58	113,60

**BSH.06**

External groove, internal groove, cross holes, dimpled

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.06.4999	60,15	75,09	60,00
BSH.06.5000	60,15	75,09	65,00
BSH.06.4997	65,19	80,14	60,00
BSH.06.4998	65,19	80,14	80,00
BSH.06.4995	70,17	85,16	50,00
BSH.06.4993	70,17	85,16	60,00
BSH.06.4994	70,17	85,16	70,00
BSH.06.4996	70,17	85,16	80,00
BSH.06.4991	70,25	85,17	60,00
BSH.06.4992	70,25	85,17	70,00
BSH.06.4990	80,20	95,18	70,00
BSH.06.4983	80,20	95,18	75,00
BSH.06.4989	80,20	95,18	80,00
BSH.06.4985	80,20	95,18	90,00
BSH.06.4984	80,20	95,18	95,00
BSH.06.4988	80,20	95,18	100,00
BSH.06.4987	80,20	95,18	105,00
BSH.06.4986	80,20	95,18	110,00
BSH.06.4979	80,20	95,20	70,00
BSH.06.4980	80,20	95,20	80,00

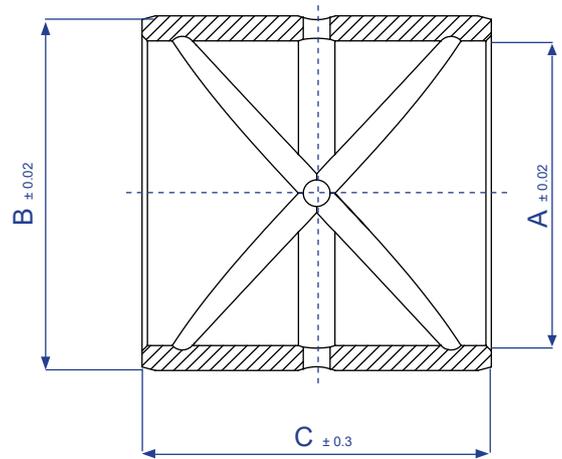
P.N.	A (mm)	B (mm)	C (mm)
BSH.06.4978	80,25	95,18	72,00
BSH.06.4977	80,25	95,18	80,00
BSH.06.4976	90,17	106,14	90,00
BSH.06.4974	90,20	106,20	90,00
BSH.06.4975	90,20	106,20	120,00
BSH.06.4973	90,25	106,20	90,00
BSH.06.4972	90,27	109,20	61,00
BSH.06.4971	90,30	116,24	100,00
BSH.06.4969	100,20	116,23	110,00
BSH.06.4968	100,29	116,23	100,00
BSH.06.4967	100,30	116,24	140,00
BSH.06.4966	100,33	116,23	66,00
BSH.06.4965	110,20	130,25	110,00
BSH.06.4963	110,30	130,24	110,00
BSH.06.4964	110,30	130,24	130,00
BSH.06.4962	120,25	140,25	120,00
BSH.06.4961	130,25	154,27	130,00
BSH.06.4960	130,36	154,27	140,00
BSH.06.4959	140,38	164,29	140,00
BSH.06.4958	150,38	180,30	184,00

**BSH.07**

External groove, internal groove,  
cross holes, round oil groove

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



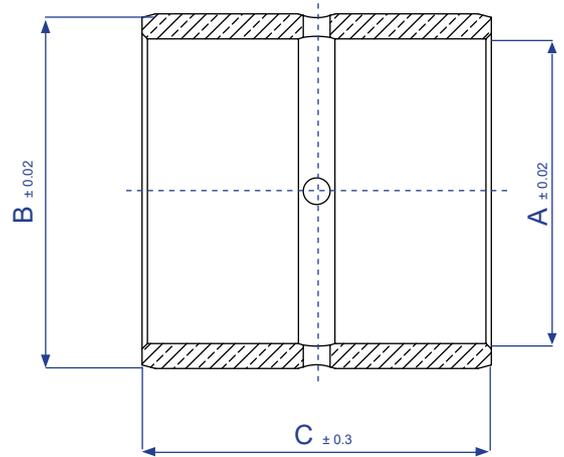
P.N.	A (mm)	B (mm)	C (mm)
BSH.07.5000	40,00	50,00	50,00
BSH.07.4999	50,16	60,07	65,50
BSH.07.4998	55,00	68,00	91,00
BSH.07.4997	55,30	68,60	91,00
BSH.07.4996	60,00	75,00	40,00
BSH.07.4995	60,00	75,00	90,00
BSH.07.4994	60,16	70,00	60,00
BSH.07.4993	65,00	80,00	65,00
BSH.07.4992	65,00	80,00	69,90
BSH.07.4990	70,35	85,16	85,00
BSH.07.4988	80,00	95,00	70,00
BSH.07.4989	80,00	95,00	92,00
BSH.07.4987	80,22	95,15	84,50
BSH.07.4986	80,25	95,16	85,00
BSH.07.4981	90,00	105,00	79,60
BSH.07.4983	90,00	105,00	94,60
BSH.07.4984	90,00	105,00	96,00

P.N.	A (mm)	B (mm)	C (mm)
BSH.07.4985	90,00	105,00	130,00
BSH.07.4980	90,26	106,20	110,00
BSH.07.4976	100,00	114,00	97,60
BSH.07.4977	100,00	115,00	120,00
BSH.07.4978	100,00	115,00	130,00
BSH.07.4979	100,00	115,00	132,00
BSH.07.4975	100,24	115,00	116,00
BSH.07.4971	110,00	125,00	137,00
BSH.07.4972	110,00	130,00	85,00
BSH.07.4970	110,00	135,00	120,00
BSH.07.4974	110,19	130,19	123,00
BSH.07.4969	110,24	135,18	99,50
BSH.07.4968	110,30	130,24	120,00
BSH.07.4967	110,50	125,40	124,50
BSH.07.4966	120,00	135,00	154,60
BSH.07.4965	120,00	140,00	184,00

**BSH.08**

External groove, internal groove, cross holes

Bronze



P.N.	A (mm)	B (mm)	C (mm)
BSH.08.5000	51,00	60,45	59,50
BSH.08.4999	51,00	60,45	63,90
BSH.08.4998	70,15	80,00	104,00
BSH.08.4997	80,20	90,00	140,00

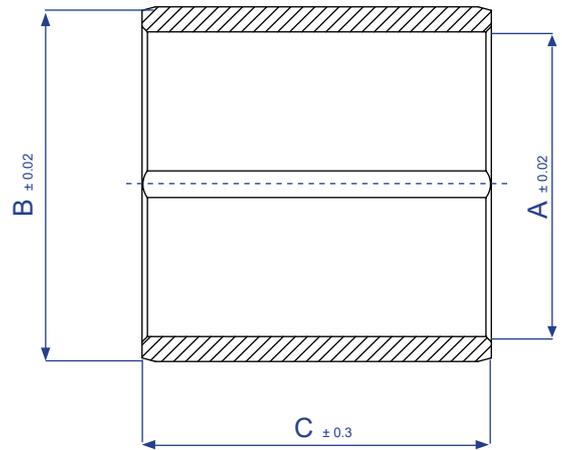
P.N.	A (mm)	B (mm)	C (mm)
BSH.08.4996	90,00	105,00	129,80
BSH.08.4995	90,20	100,00	263,00
BSH.08.4994	110,50	125,40	69,50

**BSH.09**

Internal millings

Steel

Carbonitriding Depth.= 0,8÷1 mm HRC = 55÷62



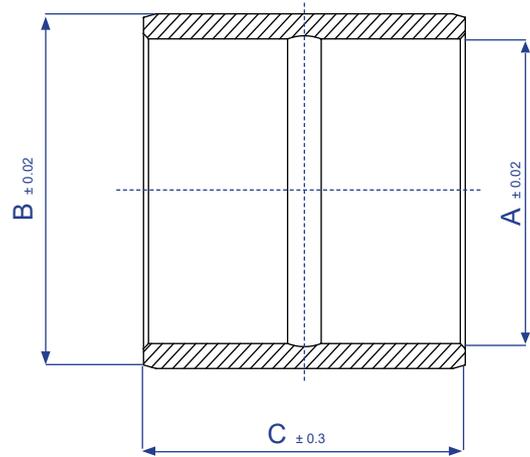
P.N.	A (mm)	B (mm)	C (mm)
BSH.09.5000	101,70	114,35	58,40

**BSH.10**

Internal groove

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.10.5000	19,60	24,10	25,05
BSH.10.4999	30,00	40,00	28,00
BSH.10.4998	30,10	40,10	45,00
BSH.10.4996	31,81	38,13	29,50
BSH.10.4995	31,98	40,00	49,50
BSH.10.4993	35,00	45,00	40,00
BSH.10.4992	35,00	45,00	50,00
BSH.10.4991	35,16	42,91	34,92
BSH.10.4990	38,10	47,62	50,80
BSH.10.4989	38,25	50,88	62,70
BSH.10.4988	38,26	50,86	28,50
BSH.10.4987	38,30	50,86	35,00
BSH.10.4983	41,20	50,78	75,60
BSH.10.4982	41,30	50,86	43,70
BSH.10.4981	44,45	53,97	44,45
BSH.10.4979	44,58	57,20	50,50
BSH.10.4978	44,59	57,20	34,70
BSH.10.4976	44,60	57,12	59,00
BSH.10.4971	44,60	57,14	37,40
BSH.10.4974	44,60	57,14	50,20
BSH.10.4975	44,60	57,15	53,50
BSH.10.4973	44,60	57,15	56,50
BSH.10.4970	44,60	57,20	69,20
BSH.10.4972	44,60	57,20	75,40
BSH.10.4977	44,60	57,20	89,00
BSH.10.4969	44,61	57,20	35,00
BSH.10.4968	44,65	57,27	48,00
BSH.10.4967	44,68	54,08	56,60
BSH.10.4962	50,00	58,00	32,00
BSH.10.4963	50,00	60,00	50,00

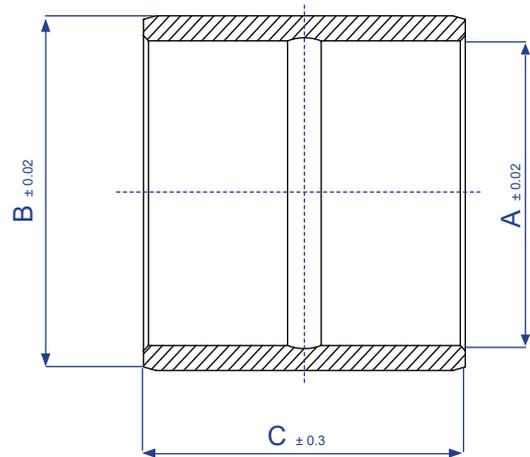
P.N.	A (mm)	B (mm)	C (mm)
BSH.10.4960	50,18	62,10	40,00
BSH.10.4959	50,30	63,09	40,00
BSH.10.4957	50,80	60,32	42,86
BSH.10.4958	50,80	63,50	58,73
BSH.10.4956	50,95	63,55	50,00
BSH.10.4955	50,95	63,55	62,70
BSH.10.4953	50,95	63,56	59,50
BSH.10.4954	50,95	63,56	75,40
BSH.10.4952	50,95	63,58	72,00
BSH.10.4951	50,96	63,56	47,70
BSH.10.4948	51,00	63,52	64,00
BSH.10.4945	51,00	63,52	84,00
BSH.10.4946	51,00	63,55	68,30
BSH.10.4947	51,00	63,55	72,20
BSH.10.4949	51,00	63,64	64,00
BSH.10.4943	51,02	63,54	50,00
BSH.10.4944	51,02	63,55	52,00
BSH.10.4942	54,00	63,55	88,00
BSH.10.4939	55,12	65,07	40,00
BSH.10.4938	55,34	68,11	50,00
BSH.10.4937	57,22	69,87	49,60
BSH.10.4936	57,26	69,90	61,80
BSH.10.4932	57,30	69,88	113,50
BSH.10.4931	57,30	69,90	56,40
BSH.10.4934	57,30	69,90	59,50
BSH.10.4930	57,30	69,90	62,30
BSH.10.4933	57,30	69,90	68,60
BSH.10.4935	57,30	69,90	75,50
BSH.10.4928	57,35	69,90	82,00
BSH.10.4929	57,35	70,00	80,00

**BSH.10**

Internal groove

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.10.4927	57,36	69,90	64,00
BSH.10.4926	57,36	69,95	41,30
BSH.10.4925	57,37	69,89	80,00
BSH.10.4924	57,50	69,96	63,60
BSH.10.4923	60,00	75,00	60,00
BSH.10.4922	60,12	75,08	60,00
BSH.10.4921	60,16	75,16	55,00
BSH.10.4920	60,16	75,16	60,00
BSH.10.4919	60,18	75,14	40,00
BSH.10.4918	60,20	73,62	65,00
BSH.10.4917	60,21	73,61	50,00
BSH.10.4916	60,30	73,12	50,00
BSH.10.4915	62,50	63,57	113,50
BSH.10.4914	63,63	76,26	58,30
BSH.10.4913	63,65	76,25	56,30
BSH.10.4912	63,65	76,25	62,50
BSH.10.4911	63,65	76,25	69,00
BSH.10.4906	63,66	76,26	43,85
BSH.10.4908	63,66	76,26	50,08
BSH.10.4907	63,66	76,26	75,20
BSH.10.4909	63,66	76,26	75,25
BSH.10.4910	63,66	76,27	50,00
BSH.10.4904	63,70	76,30	78,25
BSH.10.4903	63,70	95,25	152,00
BSH.10.4902	63,73	76,30	38,10
BSH.10.4901	63,74	76,25	57,00
BSH.10.4899	63,74	76,25	65,00
BSH.10.4898	63,74	76,25	80,00
BSH.10.4897	63,74	76,26	61,00
BSH.10.4900	63,74	76,33	44,50

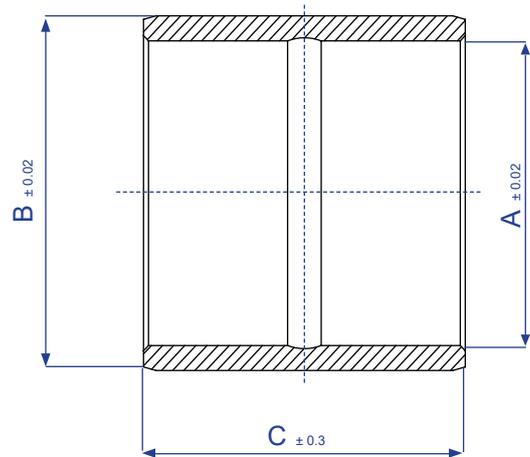
P.N.	A (mm)	B (mm)	C (mm)
BSH.10.4896	63,75	76,20	77,00
BSH.10.4895	65,00	80,00	50,00
BSH.10.4894	65,00	80,00	55,00
BSH.10.4893	66,66	85,72	62,85
BSH.10.4892	66,80	79,40	84,00
BSH.10.4891	66,92	79,52	69,85
BSH.10.4890	69,98	82,60	62,50
BSH.10.4882	70,00	80,00	86,00
BSH.10.4886	70,00	82,53	50,30
BSH.10.4887	70,00	82,54	57,00
BSH.10.4888	70,00	82,55	57,00
BSH.10.4883	70,00	82,55	69,05
BSH.10.4889	70,00	82,55	75,30
BSH.10.4884	70,00	82,60	116,30
BSH.10.4881	70,10	82,60	44,60
BSH.10.4879	70,20	80,00	103,70
BSH.10.4877	70,20	85,00	65,00
BSH.10.4878	70,20	85,00	146,00
BSH.10.4880	70,20	85,16	80,00
BSH.10.4876	70,23	85,15	70,00
BSH.10.4875	70,80	82,62	76,00
BSH.10.4873	75,00	90,00	65,00
BSH.10.4872	75,00	90,00	65,00
BSH.10.4874	75,00	90,00	75,00
BSH.10.4871	75,00	90,00	82,00
BSH.10.4870	75,18	90,10	64,80
BSH.10.4869	76,34	88,96	88,50
BSH.10.4868	76,35	88,95	75,40
BSH.10.4865	76,35	88,95	81,60
BSH.10.4862	76,35	88,95	113,30

**BSH.10**

Internal groove

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.10.4867	76,35	88,97	62,00
BSH.10.4864	76,35	88,97	87,50
BSH.10.4866	76,35	88,97	125,80
BSH.10.4860	76,36	88,97	107,00
BSH.10.4858	76,47	88,97	100,00
BSH.10.4857	76,48	88,97	81,00
BSH.10.4856	76,50	89,00	98,00
BSH.10.4855	76,50	89,02	133,00
BSH.10.4854	80,00	90,00	122,00
BSH.10.4853	80,25	95,19	80,00
BSH.10.4852	80,25	95,19	85,00
BSH.10.4851	82,69	95,33	54,00
BSH.10.4849	82,70	95,30	66,40
BSH.10.4848	82,70	95,30	72,30
BSH.10.4850	82,70	95,33	132,80
BSH.10.4847	82,71	95,30	84,70
BSH.10.4846	82,73	95,32	151,60
BSH.10.4845	82,84	95,34	95,20
BSH.10.4844	82,85	95,35	72,30
BSH.10.4840	85,00	100,00	64,80
BSH.10.4841	85,00	100,00	79,80
BSH.10.4842	85,00	100,00	80,00
BSH.10.4839	85,00	100,00	85,00
BSH.10.4838	85,30	95,30	63,10
BSH.10.4837	89,04	101,60	76,20
BSH.10.4835	89,04	101,60	81,70
BSH.10.4834	89,04	101,60	94,00
BSH.10.4836	89,04	101,61	73,42
BSH.10.4833	89,06	105,94	81,76
BSH.10.4832	89,08	101,64	81,80

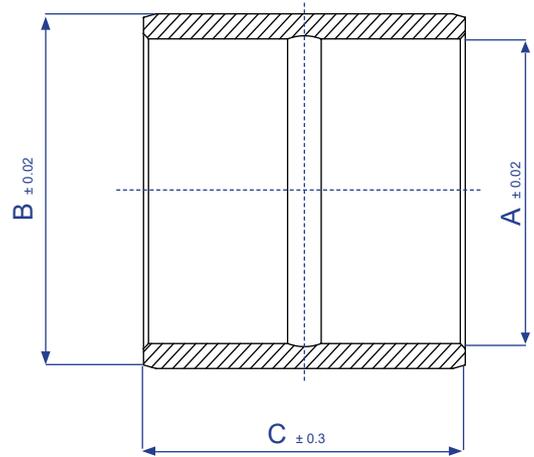
P.N.	A (mm)	B (mm)	C (mm)
BSH.10.4831	89,12	104,88	100,60
BSH.10.4830	89,18	104,88	121,00
BSH.10.4829	89,20	104,85	110,00
BSH.10.4828	89,25	101,60	88,90
BSH.10.4827	89,35	114,40	85,00
BSH.10.4826	90,00	105,00	87,80
BSH.10.4825	90,00	105,00	105,00
BSH.10.4824	91,50	101,76	63,50
BSH.10.4823	92,00	105,00	90,00
BSH.10.4821	95,00	110,00	70,00
BSH.10.4822	95,00	110,00	100,00
BSH.10.4820	95,61	108,14	63,90
BSH.10.4819	100,28	116,24	80,00
BSH.10.4814	101,75	117,50	50,20
BSH.10.4815	101,75	117,53	151,20
BSH.10.4813	101,75	120,70	69,20
BSH.10.4816	101,75	120,70	88,10
BSH.10.4817	101,75	120,70	107,20
BSH.10.4812	101,90	117,62	190,80
BSH.10.4811	102,08	127,11	110,00
BSH.10.4810	107,74	117,67	32,00
BSH.10.4809	108,00	133,34	60,48
BSH.10.4807	110,00	125,00	100,00
BSH.10.4808	110,00	125,00	105,00
BSH.10.4806	110,00	125,00	130,00
BSH.10.4805	110,30	130,24	90,00
BSH.10.4803	120,70	136,30	75,00
BSH.10.4802	120,81	136,63	94,00
BSH.10.4801	122,00	135,00	112,00
BSH.10.4800	127,15	146,10	101,90

**BSH.10**

Internal groove

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.10.4799	127,16	146,13	125,80
BSH.10.4798	127,25	146,15	38,20
BSH.10.4797	127,30	146,23	107,00
BSH.10.4796	127,32	146,23	158,90
BSH.10.4794	140,00	160,00	70,00

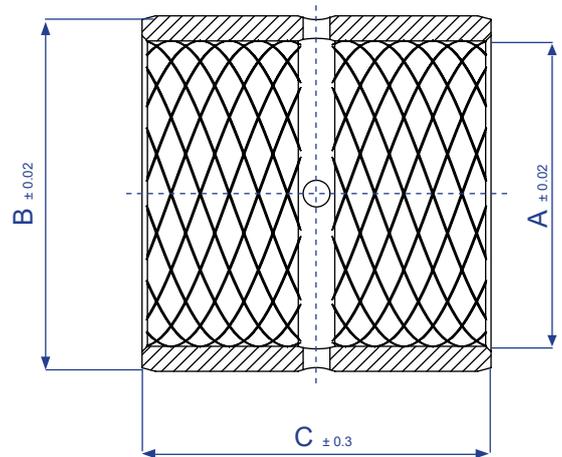
P.N.	A (mm)	B (mm)	C (mm)
BSH.10.4795	140,00	190,00	170,00
BSH.10.4793	140,45	155,15	135,00
BSH.10.4792	152,78	171,78	88,90
BSH.10.4791	160,50	180,25	139,60

**BSH.11**

External groove, internal groove, cross holes,  
internal knurling

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.11.5000	65,12	80,14	70,00
BSH.11.4999	65,20	80,15	60,00
BSH.11.4998	70,27	85,16	80,00
BSH.11.4997	80,14	95,14	80,00
BSH.11.4996	80,23	95,19	80,00
BSH.11.4993	80,25	95,17	70,00
BSH.11.4994	80,25	95,17	105,00
BSH.11.4995	80,25	95,19	90,00
BSH.11.4992	90,27	106,19	90,00
BSH.11.4991	90,27	106,20	100,00
BSH.11.4990	90,27	106,20	100,00

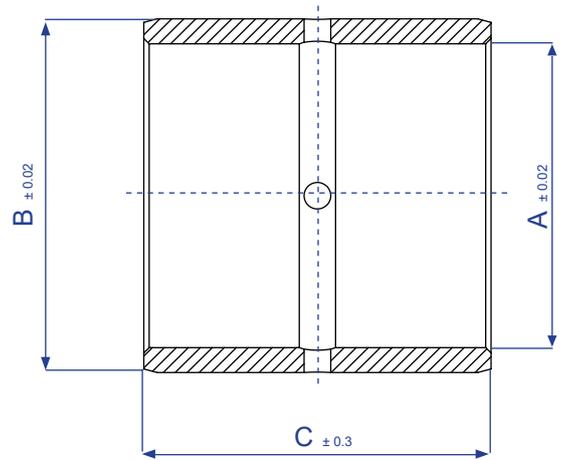
P.N.	A (mm)	B (mm)	C (mm)
BSH.11.4989	100,27	116,19	100,00
BSH.11.4988	100,30	116,24	140,00
BSH.11.4987	100,35	116,25	110,00
BSH.11.4985	110,30	130,24	100,00
BSH.11.4986	110,30	130,24	120,00
BSH.11.4983	110,30	130,24	130,00
BSH.11.4984	110,30	130,25	110,00
BSH.11.4982	120,35	140,27	109,70
BSH.11.4981	140,34	164,29	140,00
BSH.11.4980	150,34	180,30	150,00
BSH.11.4979	150,38	180,30	150,00

**BSH.12**

Internal groove, cross holes

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.12.5000	70,00	82,60	116,20

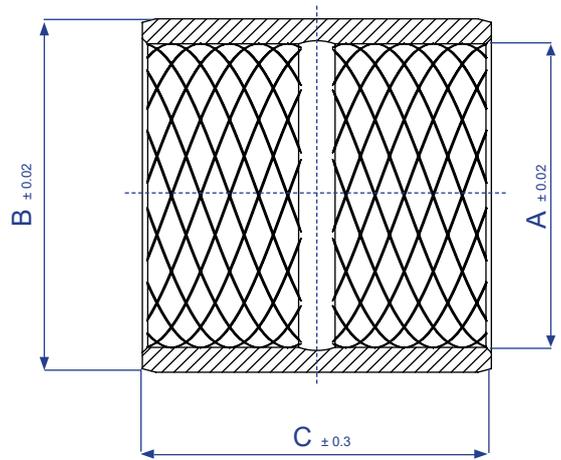
P.N.	A (mm)	B (mm)	C (mm)
BSH.12.4999	70,22	112,07	142,00

**BSH.13**

Internal groove, internal knurling

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



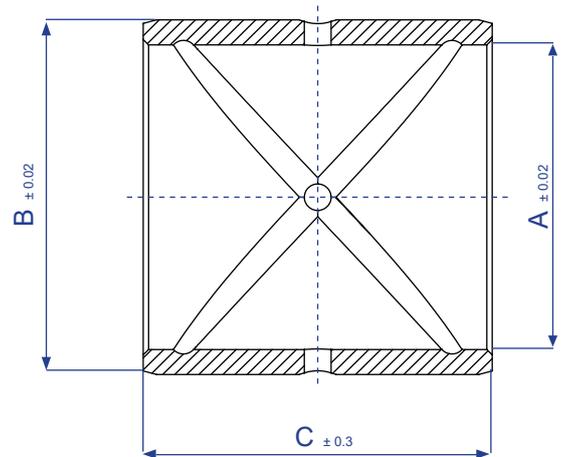
P.N.	A (mm)	B (mm)	C (mm)
BSH.13.5000	70,20	85,17	70,00

**BSH.14**

External groove, cross holes, round oil groove

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.14.5000	45,00	55,00	40,00
BSH.14.4999	50,00	60,00	45,00
BSH.14.4998	55,00	95,00	46,00
BSH.14.4997	60,00	75,00	65,00
BSH.14.4994	65,00	80,00	50,00
BSH.14.4993	65,00	80,00	58,00
BSH.14.4995	65,00	80,00	60,00
BSH.14.4991	65,00	80,00	74,00
BSH.14.4989	70,00	85,00	70,00
BSH.14.4987	70,00	85,00	70,00
BSH.14.4986	70,00	85,00	70,00
BSH.14.4985	70,00	85,00	85,00
BSH.14.4990	70,00	85,00	86,00
BSH.14.4988	70,00	95,00	96,00
BSH.14.4983	76,40	98,55	95,00
BSH.14.4980	80,00	95,00	78,00
BSH.14.4981	80,00	95,00	86,00

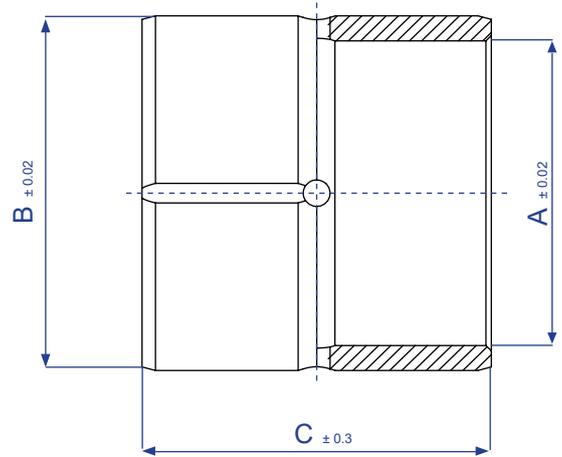
P.N.	A (mm)	B (mm)	C (mm)
BSH.14.4982	80,00	95,00	100,00
BSH.14.4979	80,28	95,10	125,00
BSH.14.4978	85,00	100,00	70,00
BSH.14.4976	90,00	105,00	96,00
BSH.14.4977	90,00	105,00	130,00
BSH.14.4975	100,00	115,00	92,00
BSH.14.4972	100,00	115,00	96,00
BSH.14.4973	100,00	115,00	106,00
BSH.14.4971	100,00	115,00	106,00
BSH.14.4970	100,00	115,00	106,20
BSH.14.4974	100,00	115,00	150,00
BSH.14.4969	100,30	115,20	129,70
BSH.14.4968	110,00	125,00	115,50
BSH.14.4967	110,30	125,15	140,00
BSH.14.4966	125,50	140,10	135,80
BSH.14.4964	127,24	142,98	132,60
BSH.14.4965	127,24	142,98	169,00

**BSH.15**

External groove, internal groove,  
cross holes, external millings

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.15.5000	65,20	80,14	70,00
BSH.15.4999	70,23	85,16	70,00
BSH.15.4998	80,25	95,19	80,00
BSH.15.4997	80,25	95,20	105,20

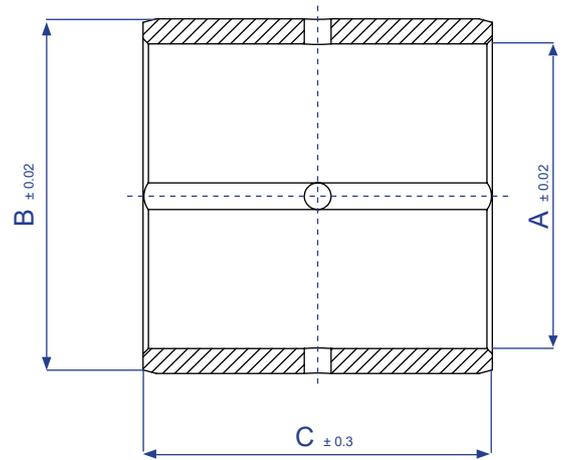
P.N.	A (mm)	B (mm)	C (mm)
BSH.15.4996	90,25	106,16	90,00
BSH.15.4995	90,26	106,21	100,00
BSH.15.4994	100,30	116,24	100,00
BSH.15.4993	100,30	116,24	100,00

**BSH.16**

Cross holes, internal millings

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.16.5000	95,55	108,00	72,00
BSH.16.4998	101,90	114,38	76,00
BSH.16.4997	101,90	114,39	50,80
BSH.16.4999	101,90	114,40	76,20

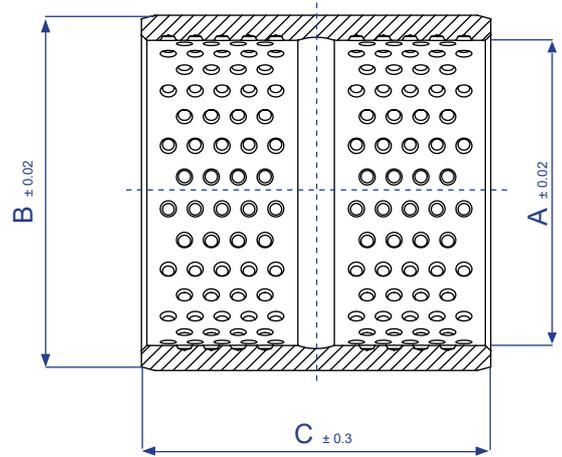
P.N.	A (mm)	B (mm)	C (mm)
BSH.16.4996	114,62	127,09	63,50
BSH.16.4995	127,30	139,80	79,00
BSH.16.4994	152,70	165,20	95,25

**BSH.17**

Internal groove, dimpled

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.17.5000	65,30	78,10	30,00
BSH.17.4999	65,30	78,10	48,00

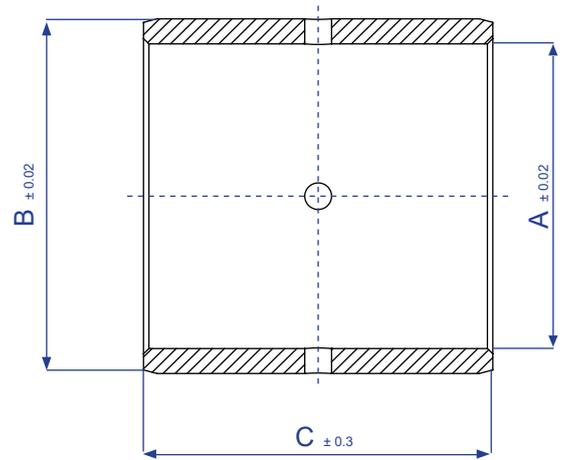
P.N.	A (mm)	B (mm)	C (mm)
BSH.17.4998	70,17	85,16	70,00

**BSH.18**

Cross holes

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



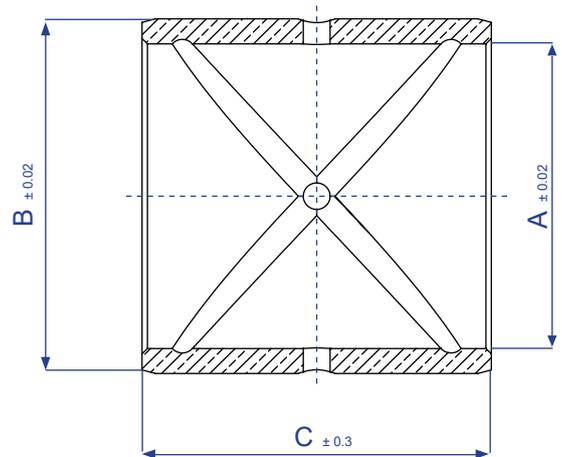
P.N.	A (mm)	B (mm)	C (mm)
BSH.18.5000	40,00	50,00	25,00
BSH.18.4999	50,87	63,50	36,00
BSH.18.4998	55,15	74,12	41,50

P.N.	A (mm)	B (mm)	C (mm)
BSH.18.4997	60,00	75,00	57,00
BSH.18.4995	60,15	74,12	41,50
BSH.18.4996	60,15	74,12	48,00

**BSH.19**

External groove, cross holes, round oil groove

Bronze



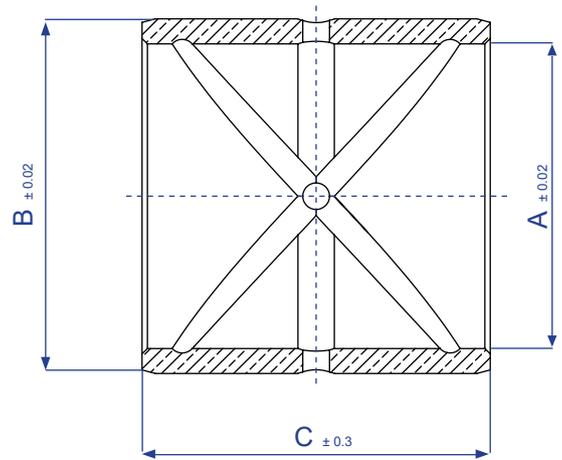
P.N.	A (mm)	B (mm)	C (mm)
BSH.19.5000	57,30	76,20	73,00
BSH.19.4999	63,55	89,03	59,50
BSH.19.4998	65,08	78,06	55,00
BSH.19.4997	66,81	88,55	73,00
BSH.19.4996	76,40	98,55	76,20

P.N.	A (mm)	B (mm)	C (mm)
BSH.19.4995	89,10	114,45	88,90
BSH.19.4994	100,00	115,00	106,00
BSH.19.4993	108,23	120,67	125,50
BSH.19.4992	108,26	124,00	125,50

**BSH.20**

External groove, internal groove,  
cross holes, round oil groove

Bronze



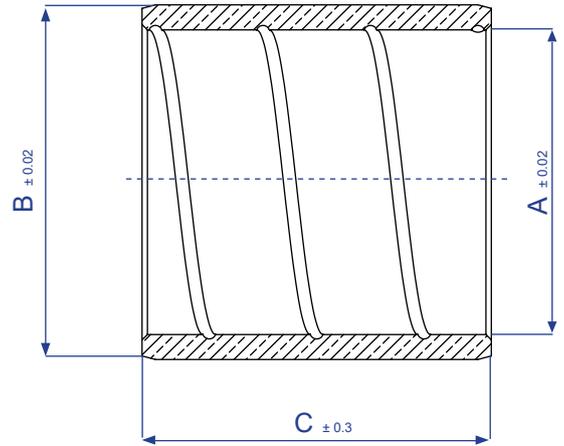
P.N.	A (mm)	B (mm)	C (mm)
BSH.20.5000	44,60	54,00	76,20
BSH.20.4999	95,60	108,09	119,00

P.N.	A (mm)	B (mm)	C (mm)
BSH.20.4998	100,65	115,20	129,70

### BSH.21

Spiral oil groove

Bronze

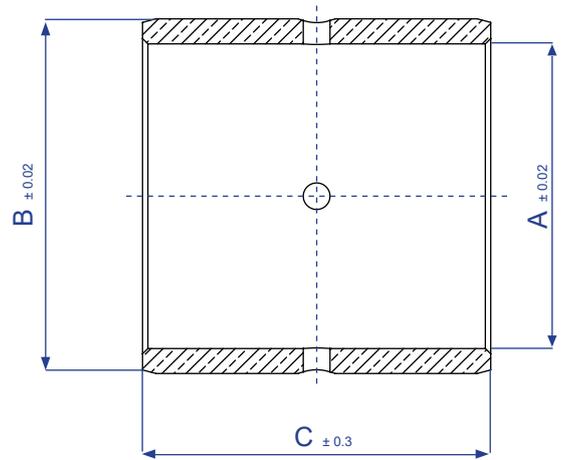


P.N.	A (mm)	B (mm)	C (mm)
BSH.21.5000	63,50	73,08	51,00

**BSH.24**

External groove, cross holes

Bronze



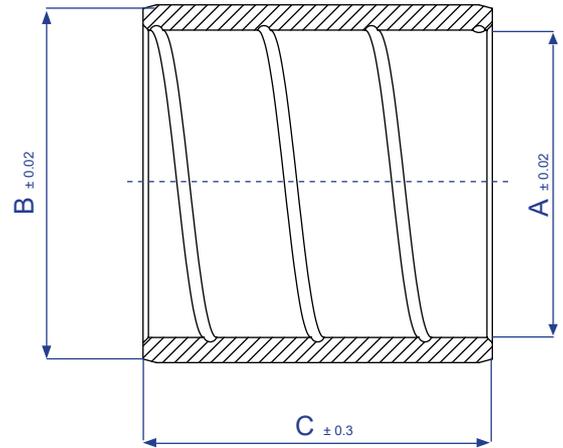
P.N.	A (mm)	B (mm)	C (mm)
BSH.24.5000	63,73	76,28	63,50

**BSH.25**

Spiral oil groove

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



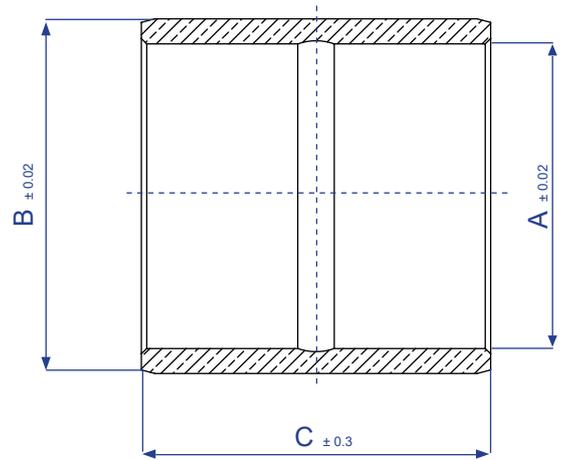
P.N.	A (mm)	B (mm)	C (mm)
BSH.25.5000	24,50	29,10	21,15
BSH.25.4996	32,00	40,00	40,00
BSH.25.4995	33,00	38,00	40,00
BSH.25.4994	35,00	45,00	50,00
BSH.25.4992	40,00	50,00	50,00
BSH.25.4985	63,08	82,55	50,80
BSH.25.4984	63,50	73,10	36,00
BSH.25.4983	70,00	85,00	67,00
BSH.25.4982	80,00	95,00	80,00
BSH.25.4981	80,25	95,20	78,20
BSH.25.4980	80,37	95,17	90,00
BSH.25.4979	82,62	95,35	79,40
BSH.25.4978	89,15	101,70	95,40

P.N.	A (mm)	B (mm)	C (mm)
BSH.25.4977	89,19	104,86	52,00
BSH.25.4976	90,00	105,00	92,00
BSH.25.4975	90,28	105,10	70,00
BSH.25.4973	100,24	115,14	79,50
BSH.25.4971	110,00	125,00	100,00
BSH.25.4970	110,00	125,00	100,00
BSH.25.4969	114,28	130,45	41,27
BSH.25.4968	120,40	135,00	112,00
BSH.25.4967	127,00	139,70	46,00
BSH.25.4966	150,00	160,00	114,00
BSH.25.4965	201,00	235,00	220,00
BSH.25.4964	201,50	235,00	189,00

**BSH.26**

Internal groove

Bronze



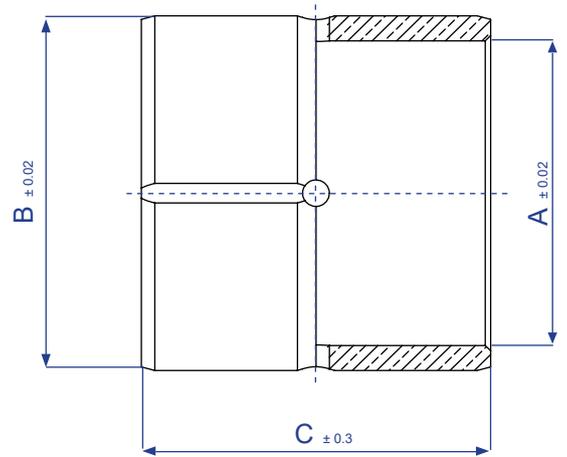
P.N.	A (mm)	B (mm)	C (mm)
BSH.26.5000	70,20	80,00	103,70
BSH.26.4999	80,20	90,00	89,60
BSH.26.4998	80,20	90,00	139,70
BSH.26.4996	90,20	100,00	98,70

P.N.	A (mm)	B (mm)	C (mm)
BSH.26.4997	90,20	100,00	127,90
BSH.26.4993	100,20	110,00	124,00
BSH.26.4995	100,20	110,00	137,80
BSH.26.4991	120,20	130,00	143,00

**BSH.27**

External groove, cross holes, external millings

Bronze



P.N.	A (mm)	B (mm)	C (mm)
BSH.27.5000	70,20	80,00	103,70

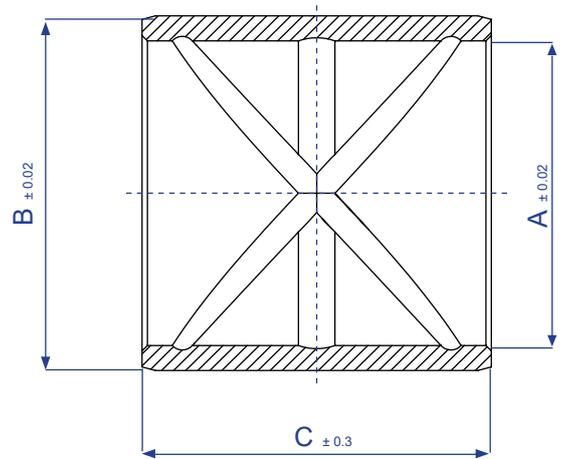
P.N.	A (mm)	B (mm)	C (mm)
BSH.27.4999	70,20	80,00	103,70

**BSH.28**

Internal groove, round oil groove

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.28.5000	56,00	70,00	66,00
BSH.28.4999	56,00	70,00	86,00
BSH.28.4995	70,00	85,00	70,00
BSH.28.4994	70,22	85,13	70,00
BSH.28.4993	75,00	90,00	57,00
BSH.28.4992	90,00	110,00	89,80
BSH.28.4991	110,00	125,00	90,00
BSH.28.4990	110,00	125,00	154,50
BSH.28.4988	111,00	130,00	178,00

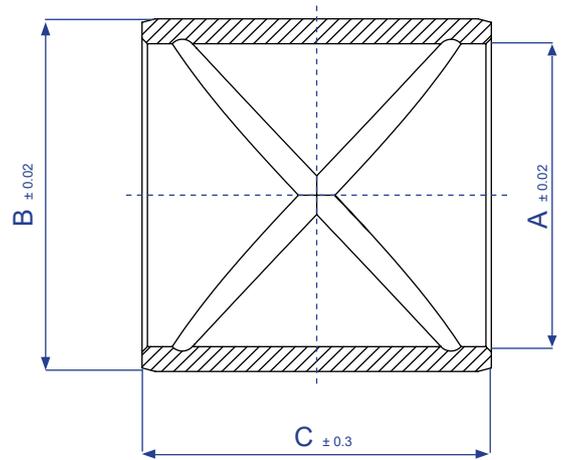
P.N.	A (mm)	B (mm)	C (mm)
BSH.28.4989	111,00	130,00	210,00
BSH.28.4986	120,00	135,00	99,50
BSH.28.4985	120,00	135,00	120,00
BSH.28.4987	120,00	135,00	129,50
BSH.28.4983	121,00	140,00	199,00
BSH.28.4984	121,00	140,00	244,00
BSH.28.4982	125,40	140,05	95,00
BSH.28.4981	125,56	140,00	178,60

**BSH.29**

Round oil groove

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.29.5000	30,00	40,00	30,00
BSH.29.4999	35,00	45,00	35,00
BSH.29.4998	45,00	55,00	45,00
BSH.29.4997	73,50	86,00	50,00

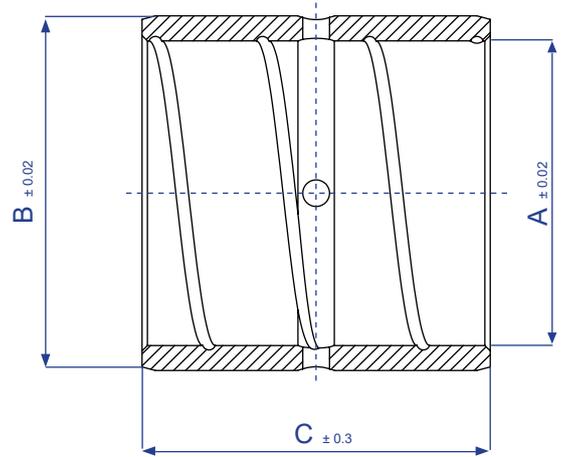
P.N.	A (mm)	B (mm)	C (mm)
BSH.29.4995	95,00	110,00	80,00
BSH.29.4994	100,00	115,00	80,00
BSH.29.4993	100,28	115,00	130,00
BSH.29.4992	110,00	115,00	100,00

**BSH.30**

External groove, internal groove,  
cross holes, spiral oil groove

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.30.4997	70,40	85,19	66,65
BSH.30.4996	75,20	90,00	85,00
BSH.30.4994	115,50	135,10	131,50
BSH.30.4995	115,50	135,17	49,50
BSH.30.4989	140,00	155,00	214,50
BSH.30.4991	140,00	160,00	131,40

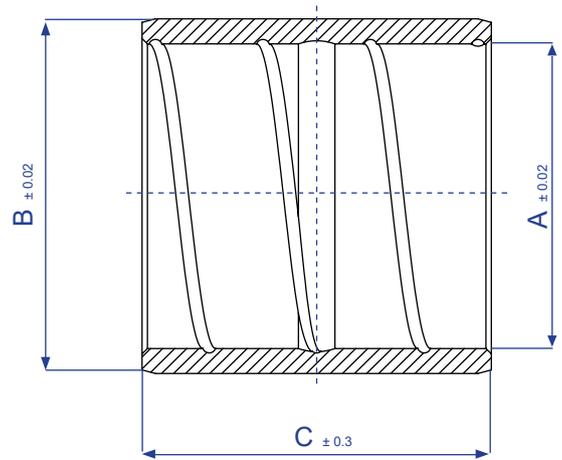
P.N.	A (mm)	B (mm)	C (mm)
BSH.30.4993	140,00	160,00	131,65
BSH.30.4990	140,00	160,00	163,50
BSH.30.4992	140,00	160,00	181,65
BSH.30.4988	160,00	180,00	145,50
BSH.30.4987	160,00	180,00	162,00

**BSH.31**

Internal groove, spiral oil groove

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.31.5000	35,00	45,00	55,00
BSH.31.4998	60,20	75,10	69,00
BSH.31.4996	65,00	80,00	54,60
BSH.31.4997	65,00	80,10	50,00
BSH.31.4995	70,00	85,10	77,00

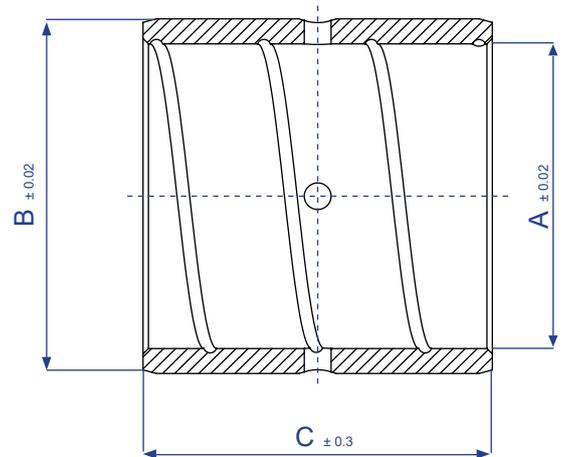
P.N.	A (mm)	B (mm)	C (mm)
BSH.31.4993	75,20	90,00	85,00
BSH.31.4992	80,00	95,00	69,60
BSH.31.4991	80,22	95,15	79,50
BSH.31.4990	95,20	110,00	80,00
BSH.31.4989	95,45	110,17	155,70

**BSH.32**

External groove, cross holes, spiral oil groove

Steel

Carbonitriding Depth.= 0.8÷1 mm HRC = 55÷62



P.N.	A (mm)	B (mm)	C (mm)
BSH.32.5000	70,00	85,00	85,00
BSH.32.4999	80,00	95,00	67,00
BSH.32.4995	90,00	104,00	95,50
BSH.32.4997	90,00	105,00	90,00
BSH.32.4996	90,00	105,00	130,00
BSH.32.4994	90,00	105,00	130,00

P.N.	A (mm)	B (mm)	C (mm)
BSH.32.4993	90,28	105,10	90,00
BSH.32.4992	100,00	115,00	95,00
BSH.32.4991	100,00	115,00	130,00
BSH.32.4990	110,00	125,00	100,00
BSH.32.4989	120,40	135,23	159,80

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## **Head Office**

 +27 11 568 4215

 info@capiparts.co.za

 www.capiparts.co.za

 198 High Road, Bredell, Kempton Park,  
1623, South Africa

## **Northern Cape**

 +27 53 712 2272

 6 Nywerheids Road, Kuruman, 8460