

Item description/product images



Description

Material:

Guide bushes low carbon steel 1.7139 or bronze.

Version:

Steel case-hardened.

Note:

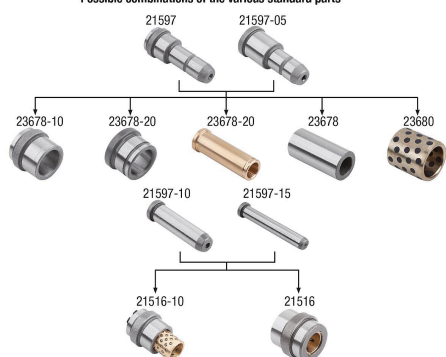
The steel or bronze guide bushes are components that can be used in tool and die making. The guide bushes are characterised by their precision, durability and easy assembly. These bushes are designed without a centring collar to ensure maximum flexibility in use.

The steel or bronze guide bushes are components that can be used in tool and die making and are characterised by outstanding quality, precision and reliability. The guide bushes are designed without a centring collar and offer a precise diameter that ensures easy assembly and a secure, tight fit.

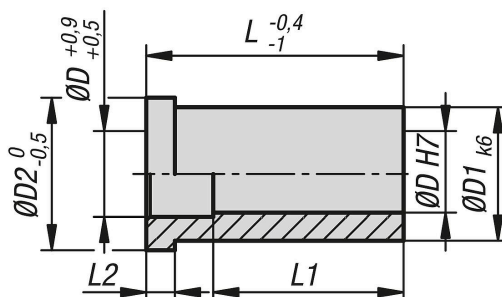
Accessory:

Retaining clips.23682.

Possible combinations of the various standard parts



Drawings



Overview of items

Order No.	Main material	D	D1	D2	L	L1	L2
23678-20-009009	mild steel	9	14	16	9	-	3
23678-20-009012	mild steel	9	14	16	12	-	3
23678-20-009017	mild steel	9	14	16	17	-	3
23678-20-009022	mild steel	9	14	16	22	-	3
23678-20-009027	mild steel	9	14	16	27	-	3
23678-20-009036	mild steel	9	14	16	36	27	3
23678-20-009046	mild steel	9	14	16	46	36	3
23678-20-009056	mild steel	9	14	16	56	36	3
23678-20-009066	mild steel	9	14	16	66	36	3
23678-20-010009	mild steel	10	14	16	9	-	3
23678-20-010012	mild steel	10	14	16	12	-	3
23678-20-010017	mild steel	10	14	16	17	-	3

Overview of items

Order No.	Main material	D	D1	D2	L	L1	L2
23678-20-010022	mild steel	10	14	16	22	-	3
23678-20-010027	mild steel	10	14	16	27	-	3
23678-20-010036	mild steel	10	14	16	36	27	3
23678-20-010046	mild steel	10	14	16	46	36	3
23678-20-010056	mild steel	10	14	16	56	36	3
23678-20-010066	mild steel	10	14	16	66	36	3
23678-20-012017	mild steel	12	18	23	17	-	6
23678-20-012022	mild steel	12	18	23	22	-	6
23678-20-012027	mild steel	12	18	23	27	-	6
23678-20-012036	mild steel	12	18	23	36	-	6
23678-20-012046	mild steel	12	18	23	46	36	6
23678-20-012056	mild steel	12	18	23	56	36	6
23678-20-014012	mild steel	14	20	25	12	-	6
23678-20-014017	mild steel	14	20	25	17	-	6
23678-20-014022	mild steel	14	20	25	22	-	6
23678-20-014027	mild steel	14	20	25	27	-	6
23678-20-014036	mild steel	14	20	25	36	-	6
23678-20-014046	mild steel	14	20	25	46	-	6
23678-20-014056	mild steel	14	20	25	56	46	6
23678-20-014066	mild steel	14	20	25	66	46	6
23678-20-014076	mild steel	14	20	25	76	46	6
23678-20-014086	mild steel	14	20	25	86	46	6
23678-20-014096	mild steel	14	20	25	96	46	6
23678-20-015012	mild steel	15	20	25	12	-	6
23678-20-015017	mild steel	15	20	25	17	-	6
23678-20-015022	mild steel	15	20	25	22	-	6
23678-20-015027	mild steel	15	20	25	27	-	6
23678-20-015036	mild steel	15	20	25	36	-	6
23678-20-015046	mild steel	15	20	25	46	-	6
23678-20-015056	mild steel	15	20	25	56	46	6
23678-20-015066	mild steel	15	20	25	66	46	6
23678-20-015076	mild steel	15	20	25	76	46	6
23678-20-015086	mild steel	15	20	25	86	46	6
23678-20-015096	mild steel	15	20	25	96	46	6
23678-20-016017	mild steel	16	22	27	17	-	6
23678-20-016022	mild steel	16	22	27	22	-	6
23678-20-016027	mild steel	16	22	27	27	-	6
23678-20-016036	mild steel	16	22	27	36	-	6
23678-20-016046	mild steel	16	22	27	46	-	6
23678-20-016056	mild steel	16	22	27	56	-	6
23678-20-018017	mild steel	18	26	31	17	-	6
23678-20-018022	mild steel	18	26	31	22	-	6
23678-20-018027	mild steel	18	26	31	27	-	6
23678-20-018036	mild steel	18	26	31	36	-	6
23678-20-018046	mild steel	18	26	31	46	-	6
23678-20-018056	mild steel	18	26	31	56	-	6
23678-20-018066	mild steel	18	26	31	66	56	6
23678-20-018076	mild steel	18	26	31	76	56	6
23678-20-018086	mild steel	18	26	31	86	56	6
23678-20-018096	mild steel	18	26	31	96	56	6
23678-20-018116	mild steel	18	26	31	116	56	6
23678-20-020017	mild steel	20	26	31	17	-	6
23678-20-020022	mild steel	20	26	31	22	-	6
23678-20-020027	mild steel	20	26	31	27	-	6
23678-20-020036	mild steel	20	26	31	36	-	6
23678-20-020046	mild steel	20	26	31	46	-	6
23678-20-020056	mild steel	20	26	31	56	-	6
23678-20-020066	mild steel	20	26	31	66	56	6
23678-20-020076	mild steel	20	26	31	76	56	6
23678-20-020086	mild steel	20	26	31	86	56	6
23678-20-020096	mild steel	20	26	31	96	56	6
23678-20-020116	mild steel	20	26	31	116	56	6
23678-20-022017	mild steel	22	30	35	17	-	6
23678-20-022022	mild steel	22	30	35	22	-	6
23678-20-022027	mild steel	22	30	35	27	-	6

Overview of items

Order No.	Main material	D	D1	D2	L	L1	L2
23678-20-022036	mild steel	22	30	35	36	-	6
23678-20-022046	mild steel	22	30	35	46	-	6
23678-20-022056	mild steel	22	30	35	56	-	6
23678-20-022066	mild steel	22	30	35	66	-	6
23678-20-022076	mild steel	22	30	35	76	-	6
23678-20-022086	mild steel	22	30	35	86	76	6
23678-20-022096	mild steel	22	30	35	96	76	6
23678-20-022116	mild steel	22	30	35	116	76	6
23678-20-022136	mild steel	22	30	35	136	76	6
23678-20-022156	mild steel	22	30	35	156	76	6
23678-20-024017	mild steel	24	30	35	17	-	6
23678-20-024022	mild steel	24	30	35	22	-	6
23678-20-024027	mild steel	24	30	35	27	-	6
23678-20-024036	mild steel	24	30	35	36	-	6
23678-20-024046	mild steel	24	30	35	46	-	6
23678-20-024056	mild steel	24	30	35	56	-	6
23678-20-024066	mild steel	24	30	35	66	-	6
23678-20-024076	mild steel	24	30	35	76	-	6
23678-20-024086	mild steel	24	30	35	86	76	6
23678-20-024096	mild steel	24	30	35	96	76	6
23678-20-024116	mild steel	24	30	35	116	76	6
23678-20-024136	mild steel	24	30	35	136	76	6
23678-20-024156	mild steel	24	30	35	156	76	6
23678-20-030022	mild steel	30	42	47	22	-	6
23678-20-030027	mild steel	30	42	47	27	-	6
23678-20-030036	mild steel	30	42	47	36	-	6
23678-20-030046	mild steel	30	42	47	46	-	6
23678-20-030056	mild steel	30	42	47	56	-	6
23678-20-030066	mild steel	30	42	47	66	-	6
23678-20-030076	mild steel	30	42	47	76	-	6
23678-20-030086	mild steel	30	42	47	86	-	6
23678-20-030096	mild steel	30	42	47	96	-	6
23678-20-030116	mild steel	30	42	47	116	96	6
23678-20-030136	mild steel	30	42	47	136	96	6
23678-20-030156	mild steel	30	42	47	156	96	6
23678-20-030176	mild steel	30	42	47	176	96	6
23678-20-030186	mild steel	30	42	47	186	96	6
23678-20-030196	mild steel	30	42	47	196	96	6
23678-20-030236	mild steel	30	42	47	236	96	6
23678-20-032022	mild steel	32	42	47	22	-	6
23678-20-032027	mild steel	32	42	47	27	-	6
23678-20-032036	mild steel	32	42	47	36	-	6
23678-20-032046	mild steel	32	42	47	46	-	6
23678-20-032056	mild steel	32	42	47	56	-	6
23678-20-032066	mild steel	32	42	47	66	-	6
23678-20-032076	mild steel	32	42	47	76	-	6
23678-20-032086	mild steel	32	42	47	86	-	6
23678-20-032096	mild steel	32	42	47	96	-	6
23678-20-032116	mild steel	32	42	47	116	96	6
23678-20-032136	mild steel	32	42	47	136	96	6
23678-20-032156	mild steel	32	42	47	156	96	6
23678-20-032176	mild steel	32	42	47	176	96	6
23678-20-032186	mild steel	32	42	47	186	96	6
23678-20-032196	mild steel	32	42	47	196	96	6
23678-20-032236	mild steel	32	42	47	236	96	6
23678-20-040036	mild steel	40	54	60	36	-	10
23678-20-040046	mild steel	40	54	60	46	-	10
23678-20-040056	mild steel	40	54	60	56	-	10
23678-20-040066	mild steel	40	54	60	66	-	10
23678-20-040076	mild steel	40	54	60	76	-	10
23678-20-040086	mild steel	40	54	60	86	-	10
23678-20-040096	mild steel	40	54	60	96	-	10
23678-20-040116	mild steel	40	54	60	116	-	10
23678-20-040136	mild steel	40	54	60	136	116	10
23678-20-040156	mild steel	40	54	60	156	116	10

Overview of items

Order No.	Main material	D	D1	D2	L	L1	L2
23678-20-040176	mild steel	40	54	60	176	116	10
23678-20-040196	mild steel	40	54	60	196	116	10
23678-20-040216	mild steel	40	54	60	216	116	10
23678-20-040246	mild steel	40	54	60	246	116	10
23678-20-042036	mild steel	42	54	60	36	-	10
23678-20-042046	mild steel	42	54	60	46	-	10
23678-20-042056	mild steel	42	54	60	56	-	10
23678-20-042066	mild steel	42	54	60	66	-	10
23678-20-042076	mild steel	42	54	60	76	-	10
23678-20-042086	mild steel	42	54	60	86	-	10
23678-20-042096	mild steel	42	54	60	96	-	10
23678-20-042116	mild steel	42	54	60	116	-	10
23678-20-042136	mild steel	42	54	60	136	116	10
23678-20-042156	mild steel	42	54	60	156	116	10
23678-20-042176	mild steel	42	54	60	176	116	10
23678-20-042196	mild steel	42	54	60	196	116	10
23678-20-042216	mild steel	42	54	60	216	116	10
23678-20-042246	mild steel	42	54	60	246	116	10
23678-20-050056	mild steel	50	66	72	56	-	10
23678-20-050076	mild steel	50	66	72	76	-	10
23678-20-050096	mild steel	50	66	72	96	-	10
23678-20-050116	mild steel	50	66	72	116	-	10
23678-20-050136	mild steel	50	66	72	136	116	10
23678-20-050156	mild steel	50	66	72	156	116	10
23678-20-050176	mild steel	50	66	72	176	116	10
23678-20-050196	mild steel	50	66	72	196	116	10
23678-20-052056	mild steel	52	66	72	56	-	10
23678-20-052076	mild steel	52	66	72	76	-	10
23678-20-052096	mild steel	52	66	72	96	-	10
23678-20-052116	mild steel	52	66	72	116	-	10
23678-20-052136	mild steel	52	66	72	136	116	10
23678-20-052156	mild steel	52	66	72	156	116	10
23678-20-052176	mild steel	52	66	72	176	116	10
23678-20-052196	mild steel	52	66	72	196	116	10
23678-20-060056	mild steel	60	80	86	56	-	20
23678-20-060076	mild steel	60	80	86	76	-	20
23678-20-060096	mild steel	60	80	86	96	-	20
23678-20-060116	mild steel	60	80	86	116	-	20
23678-20-060136	mild steel	60	80	86	136	-	20
23678-20-060156	mild steel	60	80	86	156	136	20
23678-20-060176	mild steel	60	80	86	176	136	20
23678-20-060196	mild steel	60	80	86	196	136	20
23678-20-060216	mild steel	60	80	86	216	136	20
23678-20-060246	mild steel	60	80	86	246	136	20
23678-20-062056	mild steel	62	80	86	56	-	20
23678-20-062076	mild steel	62	80	86	76	-	20
23678-20-062096	mild steel	62	80	86	96	-	20
23678-20-062116	mild steel	62	80	86	116	-	20
23678-20-062136	mild steel	62	80	86	136	-	20
23678-20-062156	mild steel	62	80	86	156	136	20
23678-20-062176	mild steel	62	80	86	176	136	20
23678-20-062196	mild steel	62	80	86	196	136	20
23678-20-062216	mild steel	62	80	86	216	136	20
23678-20-062246	mild steel	62	80	86	246	136	20
23678-20-109012	bronze	9	14	16	12	-	3
23678-20-109017	bronze	9	14	16	17	-	3
23678-20-109022	bronze	9	14	16	22	-	3
23678-20-109027	bronze	9	14	16	27	18	3
23678-20-109036	bronze	9	14	16	36	18	3
23678-20-109046	bronze	9	14	16	46	18	3
23678-20-109056	bronze	9	14	16	56	18	3
23678-20-110012	bronze	10	14	16	12	-	3
23678-20-110017	bronze	10	14	16	17	-	3
23678-20-110022	bronze	10	14	16	22	-	3
23678-20-110027	bronze	10	14	16	27	20	3

Overview of items

Order No.	Main material	D	D1	D2	L	L1	L2
23678-20-110036	bronze	10	14	16	36	20	3
23678-20-110046	bronze	10	14	16	46	20	3
23678-20-110056	bronze	10	14	16	56	20	3
23678-20-112017	bronze	12	18	23	17	-	6
23678-20-112022	bronze	12	18	23	22	-	6
23678-20-112027	bronze	12	18	23	27	-	6
23678-20-112036	bronze	12	18	23	36	24	6
23678-20-112046	bronze	12	18	23	46	24	6
23678-20-112056	bronze	12	18	23	56	24	6
23678-20-114017	bronze	14	20	25	17	-	6
23678-20-114022	bronze	14	20	25	22	-	6
23678-20-114027	bronze	14	20	25	27	-	6
23678-20-114036	bronze	14	20	25	36	28	6
23678-20-114046	bronze	14	20	25	46	28	6
23678-20-114056	bronze	14	20	25	56	28	6
23678-20-115017	bronze	15	20	25	17	-	6
23678-20-115022	bronze	15	20	25	22	-	6
23678-20-115027	bronze	15	20	25	27	-	6
23678-20-115036	bronze	15	20	25	36	30	6
23678-20-115046	bronze	15	20	25	46	30	6
23678-20-115056	bronze	15	20	25	56	30	6
23678-20-116022	bronze	16	22	27	22	-	6
23678-20-116027	bronze	16	22	27	27	-	6
23678-20-116036	bronze	16	22	27	36	32	6
23678-20-116046	bronze	16	22	27	46	32	6
23678-20-116056	bronze	16	22	27	56	32	6
23678-20-118017	bronze	18	26	31	17	-	6
23678-20-118022	bronze	18	26	31	22	-	6
23678-20-118027	bronze	18	26	31	27	-	6
23678-20-118036	bronze	18	26	31	36	-	6
23678-20-118046	bronze	18	26	31	46	36	6
23678-20-118056	bronze	18	26	31	56	36	6
23678-20-118066	bronze	18	26	31	66	36	6
23678-20-118076	bronze	18	26	31	76	36	6
23678-20-120017	bronze	20	26	31	17	-	6
23678-20-120022	bronze	20	26	31	22	-	6
23678-20-120027	bronze	20	26	31	27	-	6
23678-20-120036	bronze	20	26	31	36	-	6
23678-20-120046	bronze	20	26	31	46	40	6
23678-20-120056	bronze	20	26	31	56	40	6
23678-20-120066	bronze	20	26	31	66	40	6
23678-20-120076	bronze	20	26	31	76	40	6
23678-20-122022	bronze	22	30	35	22	-	6
23678-20-122027	bronze	22	30	35	27	-	6
23678-20-122036	bronze	22	30	35	36	-	6
23678-20-122046	bronze	22	30	35	46	44	6
23678-20-122056	bronze	22	30	35	56	44	6
23678-20-122066	bronze	22	30	35	66	44	6
23678-20-122076	bronze	22	30	35	76	44	6
23678-20-122086	bronze	22	30	35	86	44	6
23678-20-122096	bronze	22	30	35	96	44	6
23678-20-124022	bronze	24	30	35	22	-	6
23678-20-124027	bronze	24	30	35	27	-	6
23678-20-124036	bronze	24	30	35	36	-	6
23678-20-124046	bronze	24	30	35	46	-	6
23678-20-124056	bronze	24	30	35	56	48	6
23678-20-124066	bronze	24	30	35	66	48	6
23678-20-124076	bronze	24	30	35	76	48	6
23678-20-124086	bronze	24	30	35	86	48	6
23678-20-124096	bronze	24	30	35	96	48	6
23678-20-130027	bronze	30	42	47	27	-	6
23678-20-130036	bronze	30	42	47	36	-	6
23678-20-130046	bronze	30	42	47	46	-	6
23678-20-130056	bronze	30	42	47	56	-	6
23678-20-130066	bronze	30	42	47	66	60	6

Overview of items

Order No.	Main material	D	D1	D2	L	L1	L2
23678-20-130076	bronze	30	42	47	76	60	6
23678-20-130086	bronze	30	42	47	86	60	6
23678-20-130096	bronze	30	42	47	96	60	6
23678-20-130116	bronze	30	42	47	116	60	6
23678-20-132027	bronze	32	42	47	27	-	6
23678-20-132036	bronze	32	42	47	36	-	6
23678-20-132046	bronze	32	42	47	46	-	6
23678-20-132056	bronze	32	42	47	56	-	6
23678-20-132066	bronze	32	42	47	66	64	6
23678-20-132076	bronze	32	42	47	76	64	6
23678-20-132086	bronze	32	42	47	86	64	6
23678-20-132096	bronze	32	42	47	96	64	6
23678-20-132116	bronze	32	42	47	116	64	6
23678-20-140046	bronze	40	54	60	46	-	10
23678-20-140056	bronze	40	54	60	56	-	10
23678-20-140066	bronze	40	54	60	66	-	10
23678-20-140076	bronze	40	54	60	76	-	10
23678-20-140086	bronze	40	54	60	86	80	10
23678-20-140096	bronze	40	54	60	96	80	10
23678-20-140116	bronze	40	54	60	116	80	10
23678-20-140136	bronze	40	54	60	136	80	10
23678-20-142046	bronze	42	54	60	46	-	10
23678-20-142056	bronze	42	54	60	56	-	10
23678-20-142066	bronze	42	54	60	66	-	10
23678-20-142076	bronze	42	54	60	76	-	10
23678-20-142086	bronze	42	54	60	86	84	10
23678-20-142096	bronze	42	54	60	96	84	10
23678-20-142116	bronze	42	54	60	116	84	10
23678-20-142136	bronze	42	54	60	136	84	10