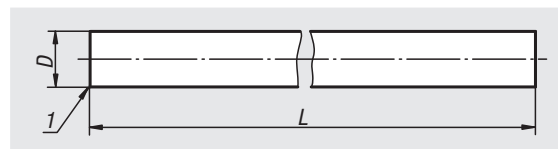


# Precision guide shafts



### Material:

Steel 1.1213.  
Stainless steel 1.4034.  
Stainless steel 1.4112.

### Version:

Steel, ground.  
Steel, ground and hard-chromed, chrome coating 5 - 10 µm.  
Stainless steel, ground.

The precision steel shafts are generally inductively surface hardened.

### Sample order:

nIm 21595-012X1000

### Note:

The surface value obtained during the inductive hardening process guarantees high surface wear resistance.

### On request:

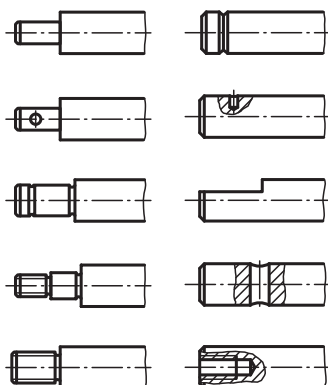
Machining of the ends and cylindrical surfaces according to customer specifications.

Maximum length 4000 mm.

Where  $D < 6$  mm lengths up to 2000 mm are available on request.

### Drawing reference:

1) chamfered



Order No.	Material	Surface finish body	Steel code	D	L	Hardening depth max.	Surface hardness HRC
21595-003X0330	steel	hardened and ground	1.1213	3 h6	330	hardened	62 ±2
21595-004X1000	steel	hardened and ground	1.1213	4 h6	1000	hardened	62 ±2
21595-005X1000	steel	hardened and ground	1.1213	5 h6	1000	0,8	62 ±2
21595-006X1000	steel	hardened and ground	1.1213	6h6	1000	0,8	62 ±2
21595-008X1000	steel	hardened and ground	1.1213	8 h6	1000	1	62 ±2
21595-010X1000	steel	hardened and ground	1.1213	10 h6	1000	1	62 ±2
21595-012X1000	steel	hardened and ground	1.1213	12 H6	1000	1,3	62 ±2
21595-016X1000	steel	hardened and ground	1.1213	16h6	1000	1,6	62 ±2
21595-020X1000	steel	hardened and ground	1.1213	20 h6	1000	1,6	62 ±2
21595-025X1000	steel	hardened and ground	1.1213	25 h6	1000	1,8	62 ±2
21595-030X1000	steel	hardened and ground	1.1213	30 h6	1000	2	62 ±2
21595-040X1000	steel	hardened and ground	1.1213	40 h6	1000	2	62 ±2
21595-050X1000	steel	hardened and ground	1.1213	50h6	1000	2,6	62 ±2
21595-105X1000	steelhardened, ground and hard chrome-plated		1.1213	5h7	1000		0,8 65 - 70
21595-106X1000	steelhardened, ground and hard chrome-plated		1.1213	6h7	1000		0,8 65 - 70
21595-108X1000	steelhardened, ground and hard chrome-plated		1.1213	8 h7	1000		1 65 - 70
21595-110X1000	steelhardened, ground and hard chrome-plated		1.1213	10 h7	1000		1 65 - 70
21595-112X1000	steelhardened, ground and hard chrome-plated		1.1213	12 h7	1000		1,3 65 - 70
21595-116X1000	steelhardened, ground and hard chrome-plated		1.1213	16 h7	1000		1,6 65 - 70
21595-120X1000	steelhardened, ground and hard chrome-plated		1.1213	20 h7	1000		1,6 65 - 70
21595-125X1000	steelhardened, ground and hard chrome-plated		1.1213	25 h7	1000		1,8 65 - 70
21595-130X1000	steelhardened, ground and hard chrome-plated		1.1213	30 h7	1000		2 65 - 70
21595-140X1000	steelhardened, ground and hard chrome-plated		1.1213	40 h7	1000		2 65 - 70
21595-150X1000	steelhardened, ground and hard chrome-plated		1.1213	50h7	1000		2,6 65 - 70
21595-206X1000	stainless steelhardened and ground		1.4034	6h6	1000	0,8	51 - 55
21595-208X1000	stainless steelhardened and ground		1.4034	8 h6	1000	1	51 - 55
21595-210X1000	stainless steelhardened and ground		1.4034	10 h6	1000	1	51 - 55
21595-212X1000	stainless steelhardened and ground		1.4034	12 H6	1000	1,3	51 - 55
21595-216X1000	stainless steelhardened and ground		1.4034	16h6	1000	1,6	51 - 55
21595-220X1000	stainless steelhardened and ground		1.4034	20 h6	1000	1,8	51 - 55
21595-225X1000	stainless steelhardened and ground		1.4034	25 h6	1000	2	51 - 55
21595-230X1000	stainless steelhardened and ground		1.4034	30 h6	1000	2,4	51 - 55
21595-240X1000	stainless steelhardened and ground		1.4034	40 h6	1000	2	51 - 55
21595-250X1000	stainless steelhardened and ground		1.4034	50h6	1000	2,6	51 - 55
21595-303X0300	stainless steelhardened and ground		1.4112	3 h6	300	hardened	52-56
21595-304X1000	stainless steelhardened and ground		1.4112	4 h6	1000	hardened	52-56
21595-305X1000	stainless steelhardened and ground		1.4112	5 h6	1000	0,8	52-56
21595-306X1000	stainless steelhardened and ground		1.4112	6h6	1000	0,8	52-56
21595-308X1000	stainless steelhardened and ground		1.4112	8 h6	1000	1	52-56
21595-310X1000	stainless steelhardened and ground		1.4112	10 h6	1000	1	52-56
21595-312X1000	stainless steelhardened and ground		1.4112	12 H6	1000	1	52-56
21595-316X1000	stainless steelhardened and ground		1.4112	16h6	1000	1,5	52-56
21595-320X1000	stainless steelhardened and ground		1.4112	20 h6	1000	1,5	52-56
21595-325X1000	stainless steelhardened and ground		1.4112	25 h6	1000	1,7	52-56
21595-330X1000	stainless steelhardened and ground		1.4112	30 h6	1000	1,7	52-56
21595-340X1000	stainless steelhardened and ground		1.4112	40 h6	1000	2	52-56
21595-350X1000	stainless steelhardened and ground		1.4112	50h6	1000	2,6	52-56