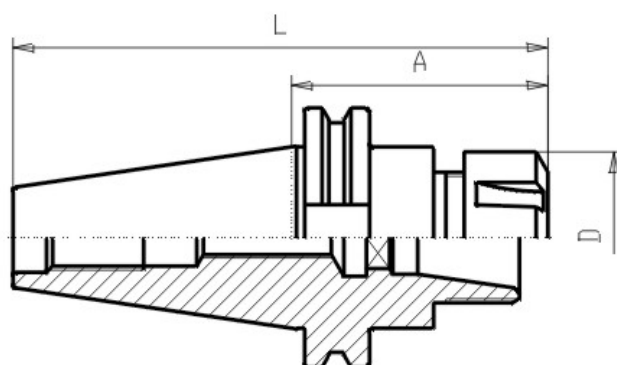




DIN 69871

## Collet Chuck ER / SK30 AD



### Verlinkung Zubehör

0208, 02011, 02016, 02020, 02025, 02032,  
02040, 02050, G023, 024, 024IK, 024G,  
024HU, 024mini,

### Verwendung

For clamping of toolings with cylindrical shafts.  
Suitable for central internal coolant flow Form  
AD.

### Lieferumfang

with clamping-nut DIN 6499.

### Werkstoff

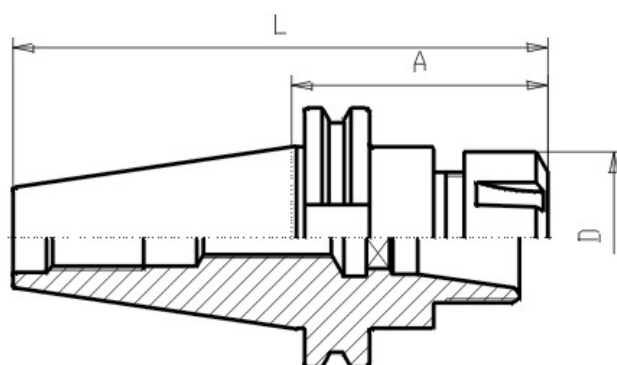
Alloyed case-hardened steel with a tensile  
strength of 800N/mm<sup>2</sup>. Carbonized according to  
Vickers min. 630 HV (min. 56 HRC), Thread,  
outside-shank and inside-shank for collets  
grinded. Runout accuracy of outside-shank to  
inside-shank lmax. 0,005mm

Article-Nr.	SK	A	Form	L	D	Typ ER	Spannber. ER
G310 30x16x 60	30	60	AD	108	28	16	1-10
G310 30x20x113	30	113	AD	161	34	20	2-13
G310 30x25x 70	30	70	AD	118	42	25	2-16
G310 30x25x100	30	100	AD	148	42	25	2-16
G310 30x32x 70	30	70	AD	118	50	32	3-20
G310 30x32x110	30	110	AD	158	50	32	3-20



DIN 69871

## Collet Chuck ER / SK40 AD G6,3 / 12.000 rpm



### Verlinkung Zubehör

0208, 02011, 02016, 02020, 02025, 02032, 02040, 02050, G023, 024, 024IK, 024G, 024HU, 024mini,

### Verwendung

For clamping of toolings with cylindrical shafts. Suitable for central internal coolant flow Form AD.

### Lieferumfang

with clamping-nut DIN 6499.

### Werkstoff

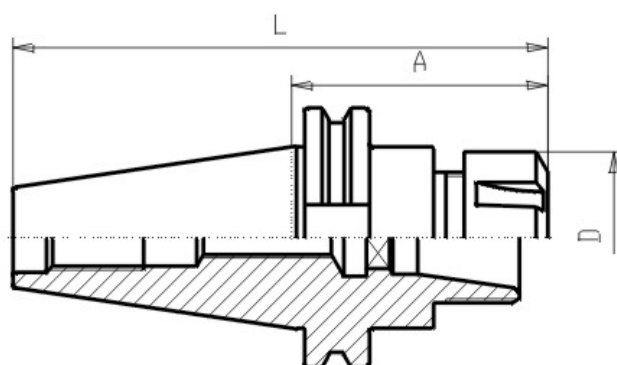
Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Thread, outside-shank and inside-shank for collets grinded. Runout accuracy of outside-shank to inside-shank lmax. 0,005mm Balanced G6,3 12.000 rpm

Article-Nr.	SK	A	Form	L	D	Typ ER	Spannber. ER
G310 40x16x 63	40	63	AD	132	28	16	1-10
G310 40x16x100	40	100	AD	169	28	16	1-10
G310 40x16x160	40	160	AD	229	28	16	1-10
G310 40x25x 60	40	60	AD	129	42	25	2-16
G310 40x25x100	40	100	AD	169	42	25	2-16
G310 40x25x160	40	160	AD	229	42	25	2-16
G310 40x32x 70	40	70	AD	139	50	32	3-20
G310 40x32x100	40	100	AD	169	50	32	3-20
G310 40x32x120	40	120	AD	189	50	32	3-20
G310 40x32x160	40	160	AD	229	50	32	3-20
G310 40x40x 80	40	80	AD	149	63	40	4-26
G310 40x40x120	40	120	AD	189	63	40	4-26
G310 40x40x160	40	160	AD	229	63	40	4-26



DIN 69871

## Collet Chuck ER / SK50 AD



### Verlinkung Zubehör

0208, 02011, 02016, 02020, 02025, 02032, 02040, 02050, G023, 024, 024IK, 024G, 024HU, 024mini,

### Verwendung

For clamping of toolings with cylindrical shafts. Suitable for central internal coolant flow Form AD.

### Lieferumfang

with clamping-nut DIN 6499.

### Werkstoff

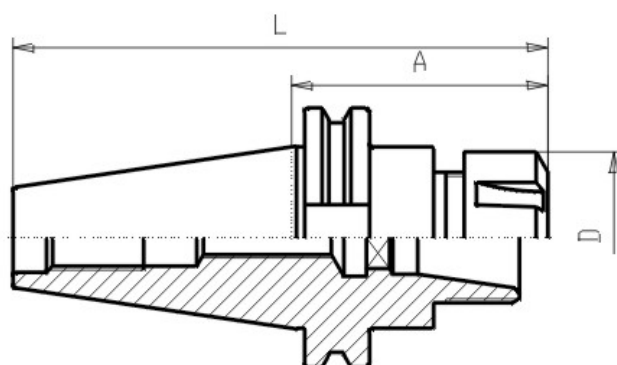
Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Thread, outside-shank and inside-shank for collets grinded. Runout accuracy of outside-shank to inside-shank lmax. 0,005mm

Article-Nr.	SK	A	Form	L	D	Typ ER	Spannber. ER
G310 50x16x100	50	100	AD	202	28	16	1-10
G310 50x16x160	50	160	AD	262	28	16	1-10
G310 50x25x 60	50	60	AD	162	42	25	2-16
G310 50x25x100	50	100	AD	202	42	25	2-16
G310 50x25x160	50	160	AD	262	42	25	2-16
G310 50x32x 70	50	70	AD	172	50	32	3-20
G310 50x32x100	50	100	AD	202	50	32	3-20
G310 50x32x160	50	160	AD	262	50	32	3-20
G310 50x40x 80	50	80	AD	182	63	40	4-26
G310 50x40x100	50	100	AD	202	63	40	4-26
G310 50x40x160	50	160	AD	262	63	40	4-26



DIN 69871

## Collet Chuck ER / SK40 AD/B G6,3 / 12.000 rpm



### Verlinkung Zubehör

0208, 02011, 02016, 02020, 02025, 02032, 02040, 02050, G023, 024, 024IK, 024G, 024HU, 024mini,

### Verwendung

For clamping of toolings with cylindrical shafts. Suitable for internal coolant flow Form AD/B, this means either central or over the collar. Coolant channels in the collar are closed by a plastic dowel which can be removed if necessary. Please don't re-use the removed plastic dowels.

### Lieferumfang

with clamping-nut DIN 6499.

### Werkstoff

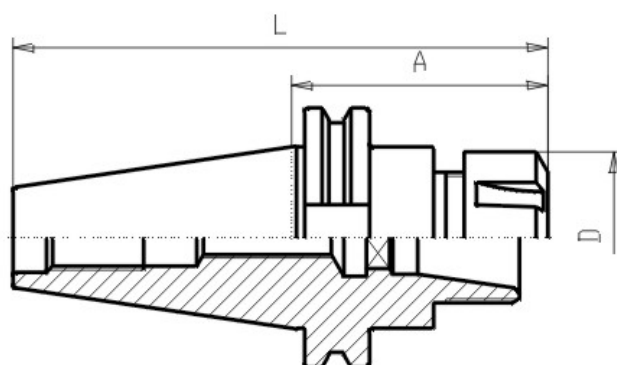
Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Thread, outside-shank and inside-shank for collets grinded. Runout accuracy of outside-shank to inside-shank lmax. 0,005mm Balanced G6,3 12.000 rpm

Article-Nr.	SK	A	Form	L	D	Typ ER	Spannber. ER
G310D40x16x 63	40	63	AD/B	132	28	16	1-10
G310D40x16x100	40	100	AD/B	169	28	16	1-10
G310D40x16x160	40	160	AD/B	229	28	16	1-10
G310D40x25x 60	40	60	AD/B	129	42	25	2-16
G310D40x25x100	40	100	AD/B	169	42	25	2-16
G310D40x25x160	40	160	AD/B	229	42	25	2-16
G310D40x32x 70	40	70	AD/B	139	50	32	3-20
G310D40x32x100	40	100	AD/B	169	50	32	3-20
G310D40x32x120	40	120	AD/B	189	50	32	3-20
G310D40x32x160	40	160	AD/B	229	50	32	3-20
G310D40x40x 80	40	80	AD/B	149	63	40	4-26
G310D40x40x120	40	120	AD/B	189	63	40	4-26
G310D40x40x160	40	160	AD/B	229	63	40	4-26



DIN 69871

## Collet Chuck ER / SK50 AD/B



### Verlinkung Zubehör

0208, 02011, 02016, 02020, 02025, 02032, 02040, 02050, G023, 024, 024IK, 024G, 024HU, 024mini,

### Verwendung

For clamping of toolings with cylindrical shafts. Suitable for internal coolant flow Form AD/B, this means either central or over the collar. Coolant channels in the collar are closed by a plastic dowel which can be removed if necessary. Please don't re-use the removed plastic dowels.

### Lieferumfang

with clamping-nut DIN 6499.

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Thread, outside-shank and inside-shank for collets grinded. Runout accuracy of outside-shank to inside-shank lmax. 0,005mm

Article-Nr.	SK	A	Form	L	D	Typ ER	Spannber. ER
G310D50x16x100	50	100	AD/B	202	28	16	1-10
G310D50x16x160	50	160	AD/B	262	28	16	1-10
G310D50x25x 70	50	70	AD/B	172	42	25	2-16
G310D50x25x100	50	100	AD/B	202	42	25	2-16
G310D50x25x160	50	160	AD/B	262	42	25	2-16
G310D50x32x 70	50	70	AD/B	172	50	32	3-20
G310D50x32x100	50	100	AD/B	202	50	32	3-20
G310D50x32x160	50	160	AD/B	262	50	32	3-20
G310D50x40x 80	50	80	AD/B	182	63	40	4-26
G310D50x40x100	50	100	AD/B	202	63	40	4-26
G310D50x40x160	50	160	AD/B	262	63	40	4-26
G310D50x50x 84	50	84	AD/B	286	78	50	6-34



DIN 69871

## Hydraulic Chuck / SK40 AD/B G6,3/15.000 rpm



### Verlinkung Zubehör

01420, 01432,

### Verwendung

For clamping of toolings with cylindrical shaft

### Lieferumfang

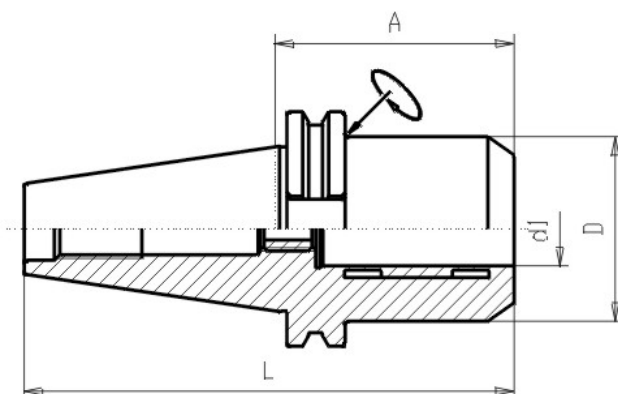
including wrench

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm

### Ausführung

Max runout of 3µm. Balanced at G6,3 15.000 rpm.



Article-Nr.	SK	d1	A	Form	l2	D
G314 40x16	40	16	80	AD/B	49	38
G314 40x20	40	20	80	AD/B	51	42



DIN 69871

## Hydraulic Chuck / SK50 AD/B G6,3/15.000 rpm



### Verlinkung Zubehör

01420, 01432,

### Verwendung

For clamping of toolings with cylindrical shaft

### Lieferumfang

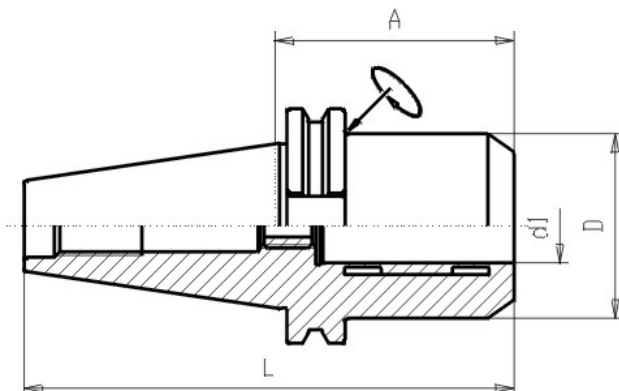
including wrench

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm

### Ausführung

Max runout of 3µm. Balanced at G6,3 15.000 rpm.



Article-Nr.	SK	d1	A	Form	l2	D
G314 50x20	50	20	80	AD/B	51	42
G314 50x32	50	32	100	AD/B	61	63



DIN 69871

## Collet Chuck OZ Ortlieb / SK30 AD



### Verlinkung Zubehör

01616, 01625, 01632, G017, 018, 018IK, 018gw,

### Verwendung

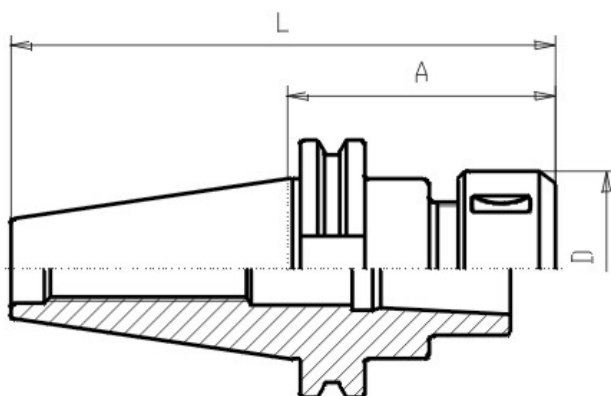
For clamping of toolings with zylindrical shafts

### Lieferumfang

with clamping-nut DIN 6499.

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Thread, outside-shank and inside-shank for collets grinded. Runout accuracy of outside-shank to inside-shank lmax. 0,005mm

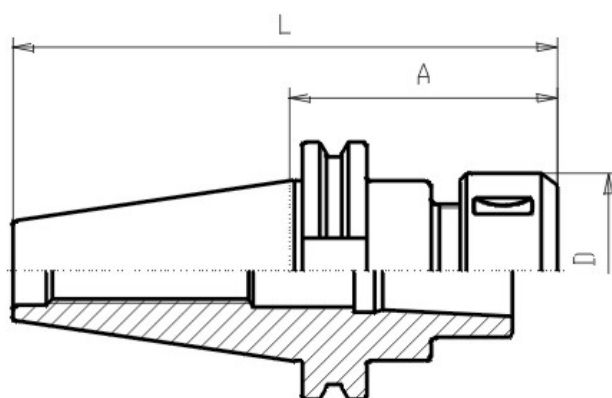


Article-Nr.	SK	A	Form	L	D	Typ OZ	Spannber. OZ
G316 30x16x 60	30	60	AD	112	43	16	1-16
G316 30x25x 80	30	80	AD	128	60	25	2-25



DIN 69871

## Collet Chuck OZ Ortlieb / SK40 AD G6,3 / 12.000 rpm



### Verlinkung Zubehör

01616, 01625, 01632, G017, 018, 018IK, 018gw,

### Verwendung

For clamping of toolings with zylindrical shafts

### Lieferumfang

with clamping-nut DIN 6499.

### Werkstoff

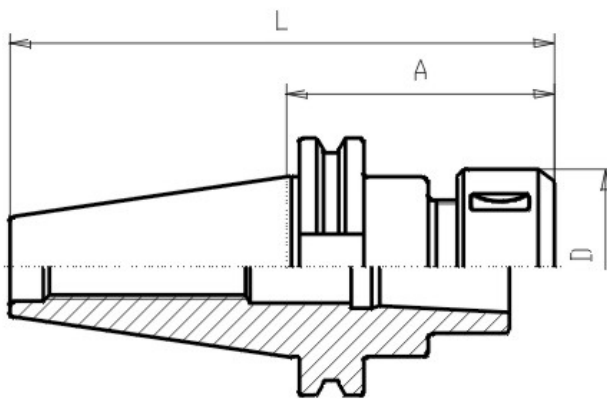
Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Thread, outside-shank and inside-shank for collets grinded. Runout accuracy of outside-shank to inside-shank lmax. 0,005mm. Pre-balanced G6,3 12.000 rpm

Article-Nr.	SK	A	Form	L	D	Typ OZ	Spannber. OZ
G316 40x16x 70	40	70	AD	138	43	16	1-16
G316 40x25x 70	40	70	AD	138	60	25	2-25
G316 40x25x120	40	120	AD	188	60	25	2-25
G316 40x32x 90	40	90	AD	158	72	32	3-32



DIN 69871

## Collet Chuck OZ Ortlieb / SK50 AD



### Verlinkung Zubehör

01616, 01625, 01632, G017, 018, 018IK, 018gw,

### Verwendung

For clamping of toolings with cylindrical shafts

### Lieferumfang

with clamping-nut DIN 6499.

### Werkstoff

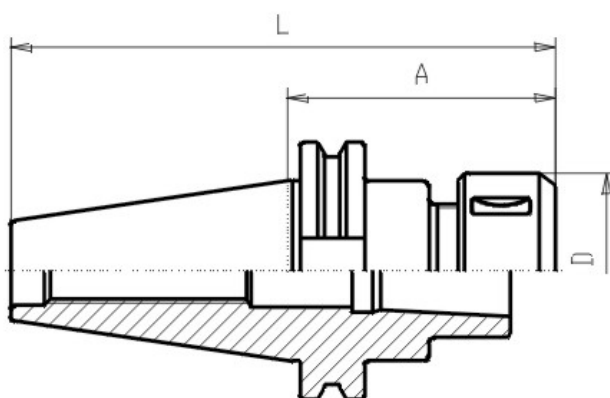
Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Thread, outside-shank and inside-shank for collets grinded. Runout accuracy of outside-shank to inside-shank lmax. 0,005mm

Article-Nr.	SK	A	Form	L	D	Typ OZ	Spannber. OZ
G316 50x25x 70	50	70	AD	172	60	25	2-25
G316 50x32x 80	50	80	AD	182	72	32	3-32



DIN 69871

## Collet Chuck OZ Ortlieb / SK40 AD/B G6,3 / 12.000 rpm



### Verlinkung Zubehör

01616, 01625, 01632, G017, 018, 018IK, 018gw,

### Verwendung

For clamping of toolings with cylindrical shafts  
Suitable for internal coolant flow Form AD/B, this means either central or over the collar. Coolant channels in the collar are closed by a plastic dowel which can be removed if necessary. Please don't re-use the removed plastic dowels.

### Lieferumfang

with clamping-nut DIN 6499.

### Werkstoff

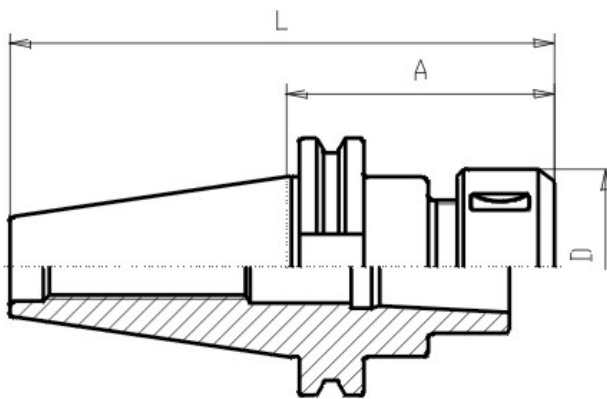
Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Thread, outside-shank and inside-shank for collets grinded. Runout accuracy of outside-shank to inside-shank lmax. 0,005mm. Pre-balanced G6,3 12.000 rpm

Article-Nr.	SK	A	Form	L	D	Typ OZ	Spannber. OZ
G316D40x16x 70	40	70	AD/B	138	43	16	1-16
G316D40x25x 70	40	70	AD/B	138	60	25	2-25
G316D40x25x120	40	120	AD/B	188	60	25	2-25
G316D40x32x 90	40	90	AD/B	158	72	32	3-32



DIN 69871

## Collet Chuck OZ Ortlieb / SK50 AD/B



### Verlinkung Zubehör

01616, 01625, 01632, G017, 018, 018IK, 018gw,

### Verwendung

For clamping of toolings with cylindrical shafts  
Suitable for internal coolant flow Form AD/B, this means either central or over the collar.  
Coolant channels in the collar are closed by a plastic dowel which can be removed if necessary. Please don't re-use the removed plastic dowels.

### Lieferumfang

with clamping-nut DIN 6499.

### Werkstoff

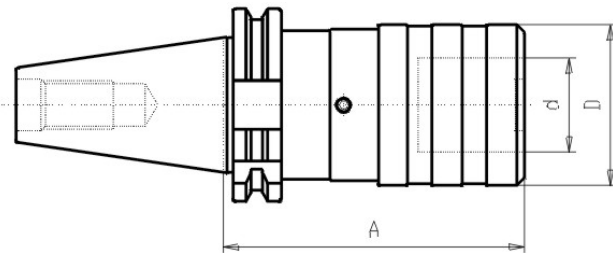
Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Thread, outside-shank and inside-shank for collets grinded. Runout accuracy of outside-shank to inside-shank lmax. 0,005mm

Article-Nr.	SK	A	Form	L	D	Typ OZ	Spannber. OZ
G316D50x25x 70	50	70	AD/B	172	60	25	2-25
G316D50x32x 80	50	80	AD/B	182	72	32	3-32
G316D50x32x120y	50	120	AD/B	222	72	32	3-32



DIN 69871

## Tapping Chuck / SK30 with compensation



### Verlinkung Zubehör

013 1mit, 013 1ohne, 013 2mit, 013 2ohne, 013 3mit, 013 3ohne,

### Verwendung

For fixing bushes for tapping chucks see Group 013. The torque of chamfer start can be adjusted mechanical with an hexagon socket screw. With compensation on press and pull

### Werkstoff

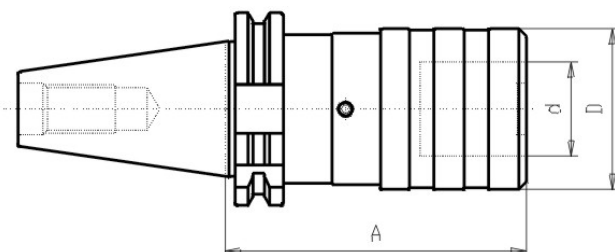
Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Shank surface is grinded.

Article-Nr.	SK	A	Form	d.	D	Größe	Gewinde
G317 30x 1x 60	30	60	A	19	38	1	M3-M12
G317 30x 2x101	30	101	A	31	53	2	M8-M20



DIN 69871

## Tapping Chuck / SK40 with compensation



### Verlinkung Zubehör

013 1mit, 013 1ohne, 013 2mit, 013 2ohne, 013 3mit, 013 3ohne,

### Verwendung

For fixing bushes for tapping chucks see Group 013. The torque of chamfer start can be adjusted mechanical with an hexagon socket screw. With compensation on press and pull

### Werkstoff

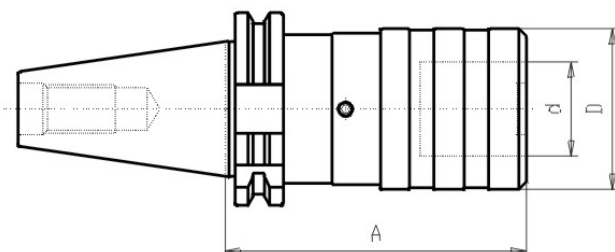
Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Shank surface is grinded.

Article-Nr.	SK	A	Form	d.	D	Größe	Gewinde
G317 40x 1x 60	40	60	A	19	38	1	M3-M12
G317 40x 2x 92	40	100	A	31	53	2	M8-M20
G317 40x 3x138	40	138	A	48	78	3	M14-M33



DIN 69871

## Tapping Chuck / SK50 with compensation



### Verlinkung Zubehör

013 1mit, 013 1ohne, 013 2mit, 013 2ohne, 013 3mit, 013 3ohne,

### Verwendung

For fixing bushes for tapping chucks see Group 013. The torque of chamfer start can be adjusted mechanical with an hexagon socket screw. With compensation on press and pull

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Shank surface is grinded.

Article-Nr.	SK	A	Form	d.	D	Größe	Gewinde
G317 50x 1	50	62	A	19	38	1	M3-M12
G317 50x 2x 83	50	100	A	31	53	2	M8-M20
G317 50x 3x133	50	140	A	48	78	3	M14-M33



DIN 69871

## End Mill Holder WELDON / SK30 AD



### Verlinkung Zubehör

01032B, 01020, 01032,

### Verwendung

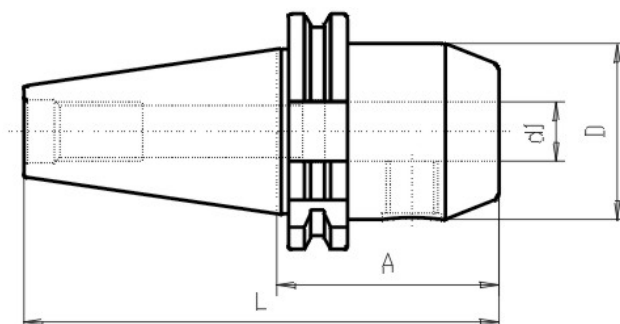
For milling-tools with zylindrical shaft type Weldon DIN 1835 Form B. Suitable for central coolant flow

### Lieferumfang

with 1 clamping screw, from Dia 25mm with 2 screws

### Werkstoff

Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC) Shank and zylindrical surface are grinded.

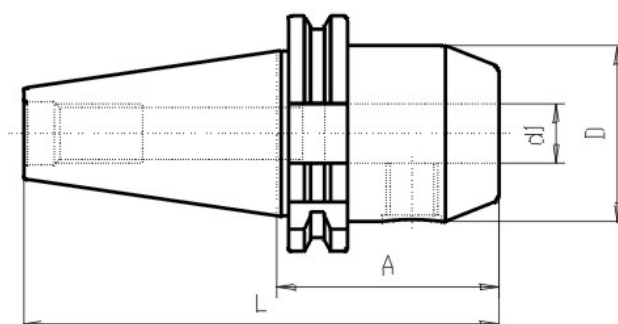


Article-Nr.	SK	d1	A	Form	L	D
G320 30x 6x 50	30	6	50	AD	98	25
G320 30x 8x 50	30	8	50	AD	98	28
G320 30x10x 50	30	10	50	AD	98	35
G320 30x12x 50	30	12	50	AD	98	42
G320 30x14x 50	30	14	50	AD	98	42
G320 30x16x 63	30	16	63	AD	111	48
G320 30x16x100	30	16	100	AD	158	48
G320 30x18x 63	30	18	63	AD	111	48
G320 30x20x 63	30	20	63	AD	111	52
G320 30x20x100	30	20	100	AD	158	52
G320 30x25x100	30	25	100	AD	148	63



DIN 69871

## End Mill Holder WELDON / SK40 AD G6,3 / 12.000 rpm



### Verlinkung Zubehör

01032B, 01020, 01032,

### Verwendung

For milling-tools with zylindrical shaft type Weldon DIN 1835 Form B. Suitable for central coolant flow

### Lieferumfang

with 1 clamping screw, from Dia 25mm with 2 screws

### Werkstoff

Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC) Shank and zylindrical surface are grinded. Pre-balanced G6,3 12.000 rpm

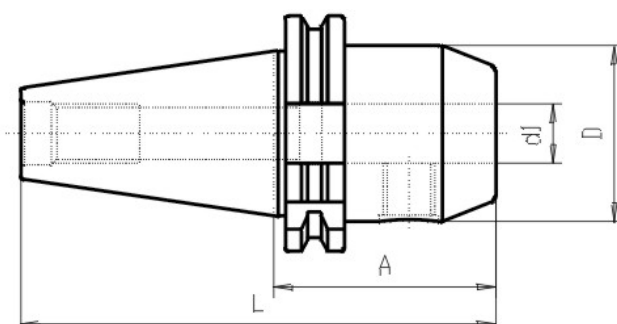
Article-Nr.	SK	d1	A	Form	L	D
G320 40x 6x 50	40	6	50	AD	118	25
G320 40x 6x100	40	6	100	AD	168	25
G320 40x 8x 50	40	8	50	AD	118	28
G320 40x 8x100	40	8	100	AD	168	28
G320 40x 8x250	40	8	250	AD	318	28
G320 40x10x 50	40	10	50	AD	118	35
G320 40x10x100	40	10	100	AD	168	35
G320 40x10x250	40	10	250	AD	318	35
G320 40x12x 50	40	12	50	AD	118	42
G320 40x12x100	40	12	100	AD	168	42
G320 40x12x250	40	12	250	AD	318	42
G320 40x14x 50	40	14	50	AD	118	42
G320 40x14x100	40	14	100	AD	168	42
G320 40x16x 63	40	16	63	AD	131	48
G320 40x16x100	40	16	100	AD	168	48
G320 40x16x250	40	16	250	AD	318	48
G320 40x18x 63	40	18	63	AD	131	48
G320 40x18x100	40	18	100	AD	168	48
G320 40x20x 35	40	20	35	AD	103	44.45
G320 40x20x 63	40	20	63	AD	131	52
G320 40x20x100	40	20	100	AD	168	52
G320 40x20x250	40	20	250	AD	318	52

<b>Article-Nr.</b>	<b>SK</b>	<b>d1</b>	<b>A</b>	<b>Form</b>	<b>L</b>	<b>D</b>
G320 40x22x 63	40	22	63	AD	131	52
G320 40x22x100	40	22	100	AD	168	52
G320 40x25x 35	40	25	35	AD	103	44.45
G320 40x25x100	40	25	100	AD	168	63
G320 40x25x250	40	25	250	AD	318	63
G320 40x32x100	40	32	100	AD	168	70
G320 40x32x250	40	32	250	AD	318	70
G320 40x40x120	40	40	120	AD	188	80



DIN 69871

## End Mill Holder WELDON / SK50 AD



### Verlinkung Zubehör

01032B, 01020, 01032,

### Verwendung

For milling-tools with zylindrical shaft type Weldon DIN 1835 Form B. Suitable for central coolant flow

### Lieferumfang

with 1 clamping screw, from Dia 25mm with 2 screws

### Werkstoff

Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC) Shank and zylindrical surface are grinded.

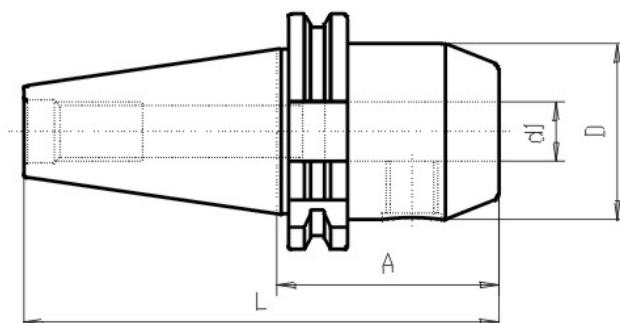
Article-Nr.	SK	d1	A	Form	L	D
G320 50x 6x 63	50	6	63	AD	165	25
G320 50x 6x100	50	6	100	AD	202	25
G320 50x 8x 63	50	8	63	AD	165	28
G320 50x 8x100	50	8	100	AD	202	28
G320 50x 8x250	50	8	250	AD	352	28
G320 50x10x 63	50	10	63	AD	165	35
G320 50x10x100	50	10	100	AD	202	35
G320 50x10x250	50	10	250	AD	352	35
G320 50x12x 63	50	12	63	AD	165	42
G320 50x12x100	50	12	100	AD	202	42
G320 50x12x250	50	12	250	AD	352	42
G320 50x14x 63	50	14	63	AD	165	42
G320 50x14x100	50	14	100	AD	202	42
G320 50x16x 63	50	16	63	AD	165	48
G320 50x16x100	50	16	100	AD	202	48
G320 50x16x250	50	16	250	AD	352	48
G320 50x18x 63	50	18	63	AD	165	48
G320 50x18x100	50	18	100	AD	202	48
G320 50x20x 35	50	20	35	AD	137	70
G320 50x20x 63	50	20	63	AD	165	52
G320 50x20x100	50	20	100	AD	202	52
G320 50x20x250	50	20	250	AD	352	52

<b>Article-Nr.</b>	<b>SK</b>	<b>d1</b>	<b>A</b>	<b>Form</b>	<b>L</b>	<b>D</b>
G320 50x22x 63	50	22	63	AD	165	52
G320 50x25x 35	50	25	35	AD	137	70
G320 50x25x 80	50	25	80	AD	182	63
G320 50x25x100	50	25	100	AD	202	63
G320 50x25x250	50	25	250	AD	352	52
G320 50x32x 35	50	32	35	AD	137	70
G320 50x32x100	50	32	100	AD	202	70
G320 50x32x250	50	32	250	AD	352	70
G320 50x40x100	50	40	100	AD	202	90
G320 50x50x110	50	50	110	AD	212	90



DIN 69871

## End Mill Holder WELDON / SK40 AD/B G6,3 / 12.000 rpm



### Verlinkung Zubehör

01032B, 01020, 01032,

### Verwendung

For milling-tools with zylindrical shaft type Weldon DIN 1835 Form B. Suitable for internal coolant flow Form AD/B = either central or over collar. Coolant channels in the collar are closed by a plastic dowel which can be removed if necessary. Please don't re-use the removed plastic dowels.

### Lieferumfang

with 1 clamping screw, from Dia 25mm with 2 screws

### Werkstoff

Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC) Shank and zylindrical surface are grinded. Pre-balanced G6,3 12.000 rpm

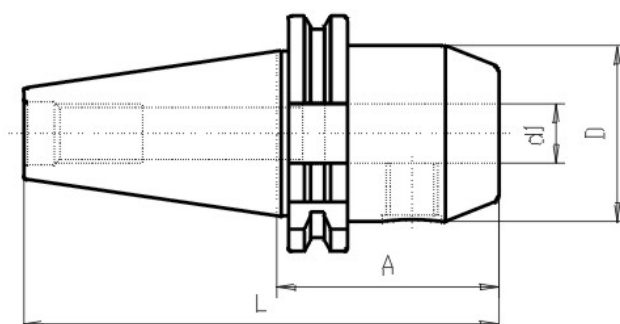
Article-Nr.	SK	d1	A	Form	L	D
G320D40x 6x 50	40	6	50	AD/B	118	25
G320D40x 6x100	40	6	100	AD/B	168	25
G320D40x 6x160	40	6	160	AD/B	228	25
G320D40x 6x200	40	6	200	AD/B	268	25
G320D40x 8x 50	40	8	50	AD/B	118	28
G320D40x 8x100	40	8	100	AD/B	168	28
G320D40x 8x160	40	8	160	AD/B	228	28
G320D40x 8x200	40	8	200	AD/B	268	28
G320D40x10x 50	40	10	50	AD/B	118	35
G320D40x10x100	40	10	100	AD/B	168	35
G320D40x10x160	40	10	160	AD/B	228	35
G320D40x10x200	40	10	200	AD/B	268	35
G320D40x12x 50	40	12	50	AD/B	118	42
G320D40x12x100	40	12	100	AD/B	168	42
G320D40x12x160	40	12	160	AD/B	228	42
G320D40x12x200	40	12	200	AD/B	268	42
G320D40x14x 50	40	14	50	AD/B	118	42
G320D40x14x100	40	14	100	AD/B	168	42
G320D40x14x160	40	14	160	AD/B	228	42
G320D40x16x 63	40	16	63	AD/B	131	48

Article-Nr.	SK	d1	A	Form	L	D
G320D40x16x100	40	16	100	AD/B	168	48
G320D40x16x160	40	16	160	AD/B	228	48
G320D40x16x200	40	16	200	AD/B	268	48
G320D40x18x 63	40	18	63	AD/B	131	48
G320D40x18x100	40	18	100	AD/B	168	48
G320D40x18x160	40	18	160	AD/B	228	48
G320D40x20x 63	40	20	63	AD/B	131	52
G320D40x20x100	40	20	100	AD/B	168	52
G320D40x20x160	40	20	160	AD/B	228	52
G320D40x20x200	40	20	200	AD/B	268	52
G320D40x22x 63	40	22	63	AD/B	131	52
G320D40x25x 35	40	25	35	AD/B	103	44.45
G320D40x25x100	40	25	100	AD/B	168	63
G320D40x25x160	40	25	160	AD/B	228	63
G320D40x25x200	40	25	200	AD/B	268	63
G320D40x32x100	40	32	100	AD/B	168	70
G320D40x32x160	40	32	160	AD/B	228	70
G320D40x32x200	40	32	200	AD/B	268	70
G320D40x40x120	40	40	120	AD/B	188	80



DIN 69871

## End Mill Holder WELDON / SK50 AD/B



### Verlinkung Zubehör

01032B, 01020, 01032,

### Verwendung

For milling-tools with zylindrical shaft type Weldon DIN 1835 Form B. Suitable for internal coolant flow Form AD/B = either central or over collar. Coolant channels in the collar are closed by a plastic dowel which can be removed if necessary. Please don't re-use the removed plastic dowels.

### Lieferumfang

with 1 clamping screw, from Dia 25mm with 2 screws

### Werkstoff

Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC) Shank and zylindrical surface are grinded.

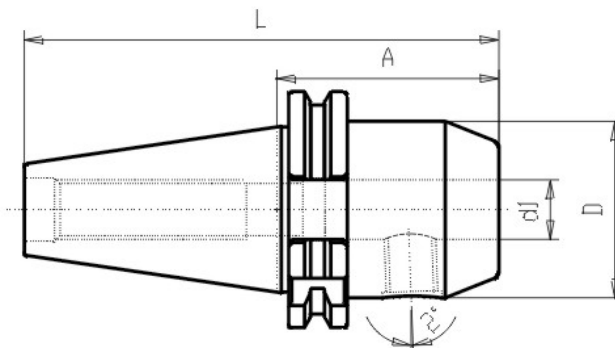
Article-Nr.	SK	d1	A	Form	L	D
G320D50x 6x 63	50	6	63	AD/B	165	25
G320D50x 6x100	50	6	100	AD/B	202	25
G320D50x 6x160	50	6	160	AD/B	262	25
G320D50x 6x200	50	6	200	AD/B	302	25
G320D50x 8x 63	50	8	63	AD/B	165	28
G320D50x 8x100	50	8	100	AD/B	202	28
G320D50x 8x160	50	8	160	AD/B	262	28
G320D50x 8x200	50	8	200	AD/B	302	28
G320D50x10x 63	50	10	63	AD/B	165	35
G320D50x10x100	50	10	100	AD/B	202	35
G320D50x10x160	50	10	160	AD/B	262	35
G320D50x10x200	50	10	200	AD/B	302	35
G320D50x12x 63	50	12	63	AD/B	165	42
G320D50x12x100	50	12	100	AD/B	202	42
G320D50x12x160	50	12	160	AD/B	262	42
G320D50x12x200	50	12	200	AD/B	302	42
G320D50x14x 63	50	14	63	AD/B	165	42
G320D50x14x100	50	14	100	AD/B	202	42
G320D50x14x160	50	14	160	AD/B	262	42
G320D50x16x 63	50	16	63	AD/B	165	48
G320D50x16x100	50	16	100	AD/B	202	48
G320D50x16x160	50	16	160	AD/B	262	48

Article-Nr.	SK	d1	A	Form	L	D
G320D50x16x200	50	16	200	AD/B	302	48
G320D50x18x 63	50	18	63	AD/B	165	48
G320D50x18x160	50	18	160	AD/B	262	48
G320D50x20x 63	50	20	63	AD/B	165	52
G320D50x20x100	50	20	100	AD/B	202	52
G320D50x20x160	50	20	160	AD/B	262	52
G320D50x20x200	50	20	200	AD/B	302	52
G320D50x22x 63	50	22	63	AD/B	165	52
G320D50x25x 80	50	25	80	AD/B	165	63
G320D50x25x100	50	25	100	AD/B	202	63
G320D50x25x160	50	25	160	AD/B	262	63
G320D50x25x200	50	25	200	AD/B	302	63
G320D50x32x100	50	32	100	AD/B	202	70
G320D50x32x160	50	32	160	AD/B	262	70
G320D50x32x200	50	32	200	AD/B	302	70
G320D50x40x100	50	40	100	AD/B	202	90
G320D50x50x110	50	50	110	AD/B	212	90



DIN 69871

## End Mill Holder Whistle-Notch / SK40 AD/B G6,3 / 12.000 rpm



### Verlinkung Zubehör

#### Verwendung

For milling-tools with zylindrical shaft type Whistle Notch DIN 1835E / 6359HE Suitable for internal coolant flow Form AD/B = either central or over collar. Coolant channels in the collar are closed by a plastic dowel which can be removed if necessary. Please don't re-use the removed plastic dowels.

#### Lieferumfang

with 1 clamping screw and 1 set screw

#### Werkstoff

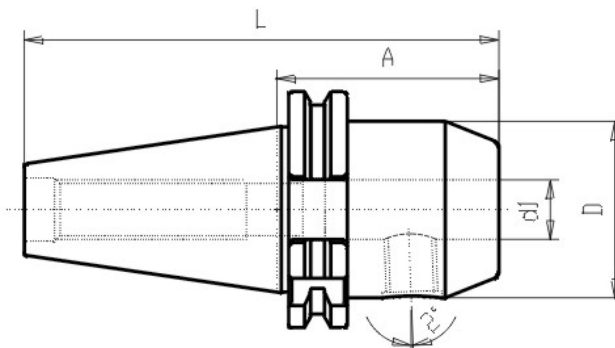
Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC) Shank and zylindrical surface are grinded. Pre-balanced G6,3 12.000 rpm.

Article-Nr.	SK	d1	A	Form	L	D
G321D40x 6x 50	40	6	50	AD/B	118	25
G321D40x 8x 50	40	8	50	AD/B	118	28
G321D40x10x 50	40	10	50	AD/B	118	35
G321D40x12x 50	40	12	50	AD/B	118	42
G321D40x14x 50	40	14	50	AD/B	118	42
G321D40x16x 63	40	16	63	AD/B	131	48
G321D40x18x 63	40	18	63	AD/B	131	48
G321D40x20x 63	40	20	63	AD/B	131	52
G321D40x25x100	40	25	100	AD/B	168	63
G321D40x32x100	40	32	100	AD/B	168	70
G321D40x40x120	40	40	120	AD/B	188	80



DIN 69871

End Mill Holder Whistle-Notch / SK50 AD/B G6,3 / 12.000 rpm



#### Verlinkung Zubehör

#### Verwendung

For milling-tools with cylindrical shaft type Whistle Notch DIN 1835E / 6359HE Suitable for internal coolant flow Form AD/B = either central or over collar. Coolant channels in the collar are closed by a plastic dowel which can be removed if necessary. Please don't re-use the removed plastic dowels.

#### Lieferumfang

with 1 clamping screw and 1 set screw

#### Werkstoff

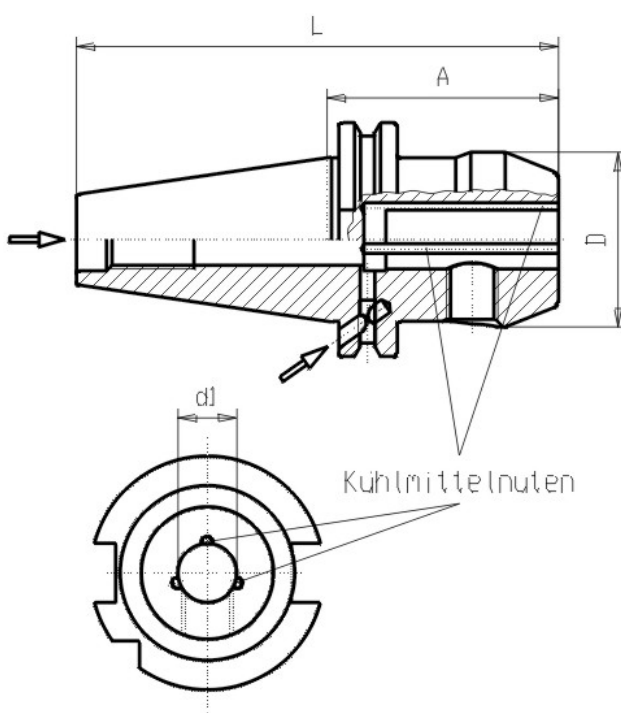
Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC) Shank and cylindrical surface are grinded.

Article-Nr.	SK	d1	A	Form	L	D
G321D50x 6x 63	50	6	63	AD/B	165	25
G321D50x 8x 63	50	8	63	AD/B	165	28
G321D50x10x 63	50	10	63	AD/B	165	35
G321D50x12x 63	50	12	63	AD/B	165	42
G321D50x14x 63	50	14	63	AD/B	165	42
G321D50x16x 63	50	16	63	AD/B	165	48
G321D50x18x 63	50	18	63	AD/B	165	48
G321D50x20x 63	50	20	63	AD/B	165	52
G321D50x25x 80	50	25	80	AD/B	182	63
G321D50x32x100	50	32	100	AD/B	202	70
G321D50x40x100	50	40	100	AD/B	202	90



DIN 69871

## Weldon Coolant Grooves / SK40 AD/B



### Verlinkung Zubehör

01020, 01032B,

### Verwendung

For milling-tools with zylindrical shaft type Weldon DIN 1835 Form B. Suitable for internal coolant flow Form AD/B = either central or over collar. Coolant channels in the collar are closed by a plastic dowel which can be removed if necessary. Please don't re-use the removed plastic dowels.

### Lieferumfang

with 1 clamping screw, from Dia 25mm with 2 screws

### Werkstoff

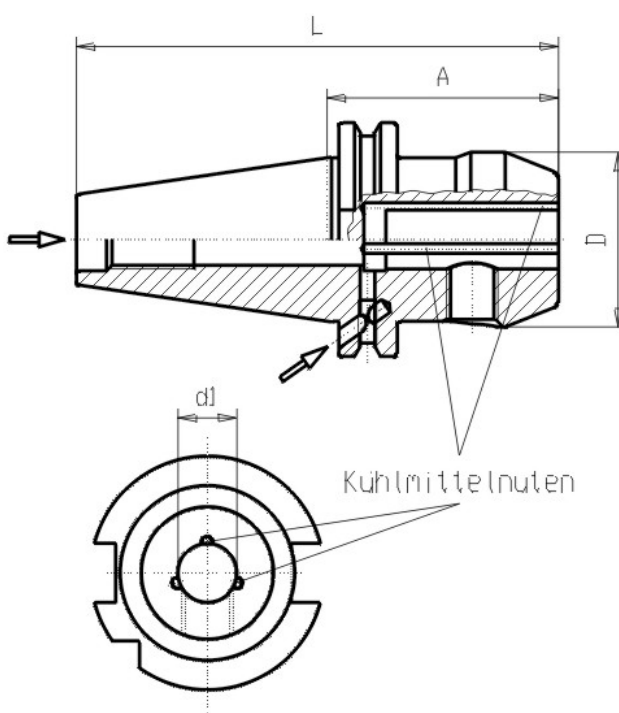
Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC) Shank and zylindrical surface are grinded. Pre-balanced G6,3 12.000 rpm

Article-Nr.	SK	d1	A	Form	L	D	Kühlmittelnuten
G323D40x 6x 50	40	6	50	AD/B	119	25	2
G323D40x 8x 50	40	8	50	AD/B	119	28	2
G323D40x10x 50	40	10	50	AD/B	119	35	2
G323D40x12x 50	40	12	50	AD/B	119	42	2
G323D40x14x 50	40	14	50	AD/B	119	42	2
G323D40x16x 63	40	16	63	AD/B	132	48	2
G323D40x18x 63	40	18	63	AD/B	132	48	2
G323D40x20x 63	40	20	63	AD/B	132	52	2
G323D40x22x 63	40	22	63	AD/B	132	52	2
G323D40x25x100	40	25	100	AD/B	169	63	2



DIN 69871

## Weldon Coolant Grooves / SK50 AD/B



### Verlinkung Zubehör

01020, 01032B,

### Verwendung

For milling-tools with zylindrical shaft type Weldon DIN 1835 Form B. Suitable for internal coolant flow Form AD/B = either central or over collar. Coolant channels in the collar are closed by a plastic dowel which can be removed if necessary. Please don't re-use the removed plastic dowels.

### Lieferumfang

with 1 clamping screw, from Dia 25mm with 2 screws

### Werkstoff

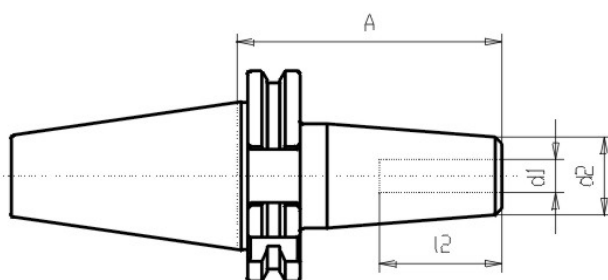
Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC) Shank and zylindrical surface are grinded.

Article-Nr.	SK	d1	A	Form	L	D	Kühlmittelnuten
G323D50x 6x 63	50	6	63	AD/B	165	25	2
G323D50x 8x 63	50	8	63	AD/B	165	28	2
G323D50x10x 63	50	10	63	AD/B	165	35	2
G323D50x12x 63	50	12	63	AD/B	165	42	2
G323D50x14x 63	50	14	63	AD/B	165	42	2
G323D50x16x 63	50	16	63	AD/B	165	48	2
G323D50x18x 63	50	18	63	AD/B	165	48	2
G323D50x20x 63	50	20	63	AD/B	165	52	2
G323D50x22x 63	50	22	63	AD/B	165	52	2
G323D50x25x 80	50	25	80	AD/B	182	63	2
G323D50x32x100	50	32	100	AD/B	202	70	2
G323D50x40x100	50	40	100	AD/B	202	90	2



DIN 69871

## Shrink Fit Holder / SK40 AD/B G6,3/15.000 rpm



### Verlinkung Zubehör

#### Verwendung

For milling-tools with zylindrical shaft type Weldon DIN 1835 Form B. Suitable for internal coolant flow Form AD/B = either central or over collar

#### Werkstoff

High alloyed special steel for high temperature stability with a tensile strength of 1600 - 1800 N/mm<sup>2</sup>

#### sonstige Bemerkungen

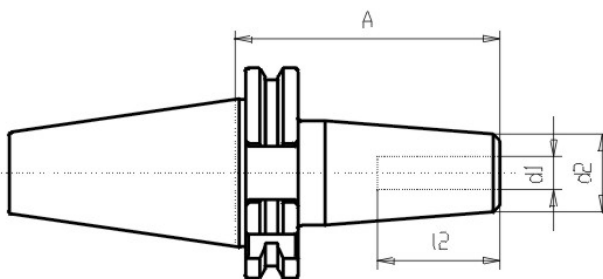
Form AD/B balanced G6,3 at 15.000 rpm. Max. runout 3 µm.

Article-Nr.	SK	d1	A	Form	l2	d2
G328D 40x 6x 80	40	6	80	AD/B	36	20
G328D 40x 8x 80	40	8	80	AD/B	36	20
G328D 40x10x 80	40	10	80	AD/B	42	24
G328D 40x12x 80	40	12	80	AD/B	47	24
G328D 40x14x 80	40	14	80	AD/B	47	27
G328D 40x16x 80	40	16	80	AD/B	50	27
G328D 40x18x 80	40	18	80	AD/B	50	33
G328D 40x20x 80	40	20	80	AD/B	52	33
G328D 40x25x100	40	25	100	AD/B	58	44
G328D 40x32x100	40	32	100	AD/B	58	44



DIN 69871

## Shrink Fit Holder / SK50 AD/B G6,3/15.000 rpm



### Verlinkung Zubehör

#### Verwendung

For milling-tools with zylindrical shaft type Weldon DIN 1835 Form B. Suitable for internal coolant flow Form AD/B = either central or over collar

#### Werkstoff

High alloyed special steel for high temperature stability with a tensile strength of 1600 - 1800 N/mm<sup>2</sup>

#### sonstige Bemerkungen

Form AD/B balanced G6,3 at 15.000 rpm. Max. runout 3 µm.

Article-Nr.	SK	d1	A	Form	l2	d2
G328D 50x 6x 80	50	6	80	AD/B	36	20
G328D 50x 8x 80	50	8	80	AD/B	36	20
G328D 50x10x 80	50	10	80	AD/B	42	24
G328D 50x12x 80	50	12	80	AD/B	47	24
G328D 50x14x 80	50	14	80	AD/B	47	27
G328D 50x16x 80	50	16	80	AD/B	50	27
G328D 50x18x 80	50	18	80	AD/B	50	33
G328D 50x20x 80	50	20	80	AD/B	52	33
G328D 50x25x100	50	25	100	AD/B	58	44
G328D 50x32x100	50	32	100	AD/B	58	44



DIN 69871

Taper shafts / SK30



#### Verlinkung Zubehör

#### Verwendung

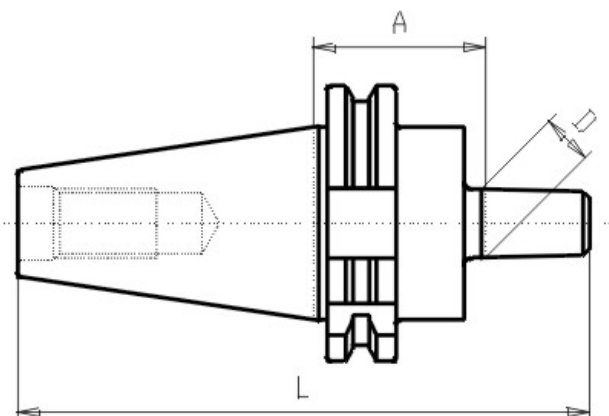
For mounting drill chuck heads

#### Lieferumfang

Without drill chuck head

#### Werkstoff

Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC) Shank and cone are grinded.



Article-Nr.	SK	A	Form	L	D
G330 30x12x 40	30	40	A	107	12
G330 30x16x 40	30	40	A	112	16



DIN 69871

Taper shafts / SK40



#### Verlinkung Zubehör

#### Verwendung

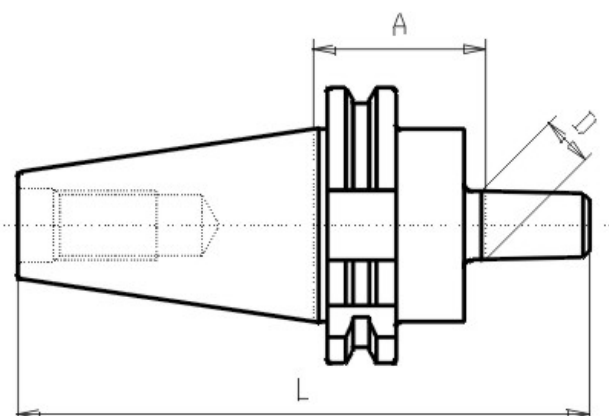
For mounting drill chuck heads

#### Lieferumfang

Without drill chuck head

#### Werkstoff

Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC) Shank and cone are grinded.



Article-Nr.	SK	A	Form	L	D
G330 40x12x 40	40	40	A	127	12
G330 40x16x 40	40	40	A	132	16
G330 40x18x 40	40	40	A	140	18
G330 40x22x 40	40	40	A	149	22



DIN 69871

## Taper shafts / SK50

### Verlinkung Zubehör

#### Verwendung

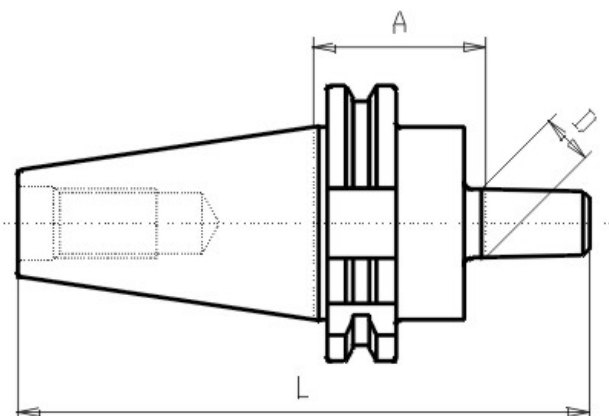
For mounting drill chuck heads

#### Lieferumfang

Without drill chuck head

#### Werkstoff

Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC) Shank and cone are grinded.



Article-Nr.	SK	A	Form	L	D
G330 50x16x 40	50	40	A	166	16
G330 50x18x 40	50	40	A	174	18
G330 50x22x 40	50	40	A	183	22



DIN 69871

## Standard-Drill Chuck / SK40

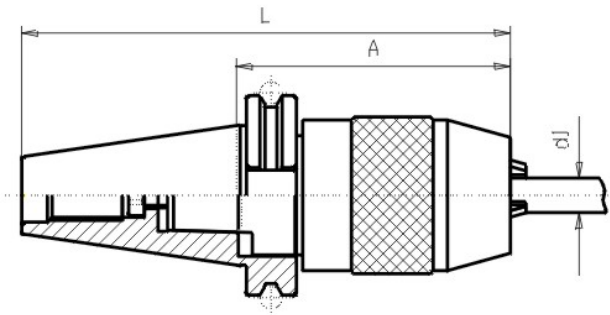
### Verlinkung Zubehör

#### Verwendung

For clamping of toolings with cylindrical shafts  
Max run-out 30  $\mu\text{m}$

#### Werkstoff

Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Shank, jacket, clamping jaw and other relevant pieces are hardened and grinded.



Article-Nr.	SK	d1	A	Form	L
G332 40x13	40	1-13	87	A	156
G332 40x16	40	3-16	93	A	162



DIN 69871

## Standard-Drill Chuck / SK50

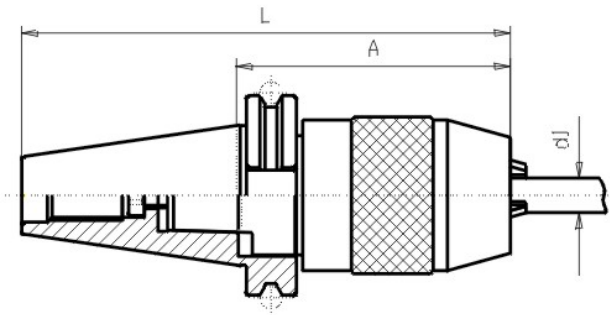
### Verlinkung Zubehör

#### Verwendung

For clamping of toolings with cylindrical shafts  
Max run-out 30  $\mu\text{m}$

#### Werkstoff

Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Shank, jacket, clamping jaw and other relevant pieces are hardened and grinded.

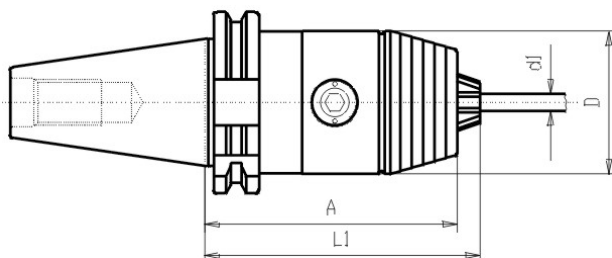


Article-Nr.	SK	d1	A	Form	L
G332 50x13	50	1-13	84	A	186
G332 50x16	50	3-16	90	A	192



DIN 69871

## High Precis. Drill Chuck / SK30 Form A



### Verlinkung Zubehör

### Verwendung

For clamping of toolings with cylindrical shafts  
Permissible rotating speed: Clamping range 0,5 - 8 mm max. 25.000 U/min Clamping range 1 - 13 mm max. 20.000 U/min Clamping range 3 - 16 mm max. 15.000 U/min To fit these rotating speed

### Lieferumfang

with spanner

### Werkstoff

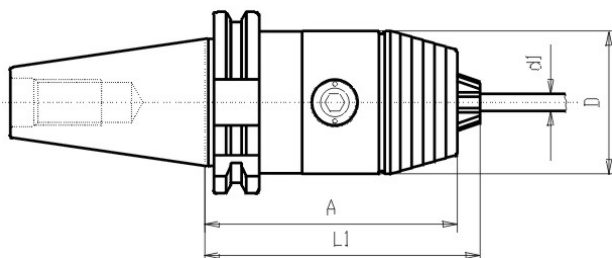
Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Shank, jacket, clamping jaw and other relevant pieces are hardened and grinded. A manual is attached to every Drill Chuck

Article-Nr.	SK	d1	A	Form	l1	D
G334 30x08	30	0,5-8	70	A	73	36
G334 30x13	30	1-13	111	A	117	50



DIN 69871

## High Precis. Drill Chuck / SK40 Form A



### Verlinkung Zubehör

#### Verwendung

For clamping of toolings with cylindrical shafts  
Permissible rotating speed: Clamping range 0,5 - 8 mm max. 25.000 U/min Clamping range 1 - 13 mm max. 20.000 U/min Clamping range 3 - 16 mm max. 15.000 U/min To fit these rotating speed

#### Lieferumfang

with spanner

#### Werkstoff

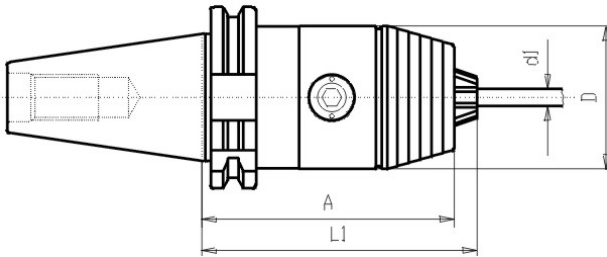
Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Shank, jacket, clamping jaw and other relevant pieces are hardened and grinded. A manual is attached to every Drill Chuck

Article-Nr.	SK	d1	A	Form	l1	D
G334 40x08	40	0,5-8	70	A	73	36
G334 40x13	40	1-13	90	A	96	50
G334 40x16	40	3-16	90	A	101	57



DIN 69871

## High Precis. Drill Chuck / SK50 Form A



### Verlinkung Zubehör

#### Verwendung

For clamping of toolings with cylindrical shafts  
Permissible rotating speed: Clamping range 0,5 - 8 mm max. 25.000 U/min Clamping range 1 - 13 mm max. 20.000 U/min Clamping range 3 - 16 mm max. 15.000 U/min To fit these rotating speed

#### Lieferumfang

with spanner

#### Werkstoff

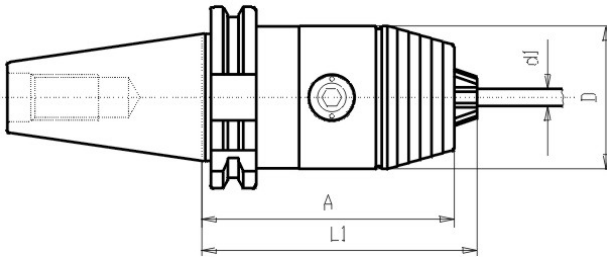
Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Shank, jacket, clamping jaw and other relevant pieces are hardened and grinded. A manual is attached to every Drill Chuck

Article-Nr.	SK	d1	A	Form	l1	D
G334 50x13	50	1-13	106	A	112	50
G334 50x16	50	3-16	106	A	117	57



DIN 69871

## High Precis. Drill Chuck / SK40 Form AD/B



### Verlinkung Zubehör

#### Verwendung

For clamping of toolings with cylindrical shafts  
Permissible rotating speed: Clamping range 0,5 - 8 mm max. 25.000 U/min Clamping range 1 - 13 mm max. 20.000 U/min Clamping range 3 - 16 mm max. 15.000 U/min To fit these rotating speed

#### Lieferumfang

with spanner

#### Werkstoff

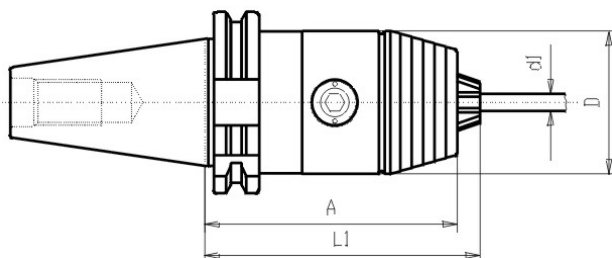
Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Shank, jacket, clamping jaw and other relevant pieces are hardened and grinded. A manual is attached to every Drill Chuck

Article-Nr.	SK	d1	A	Form	l1	D
G334D 40x08	40	0,5-8	70	AD/B	73	36
G334D 40x13	40	1-13	90	AD/B	96	50
G334D 40x16	40	3-16	90	AD/B	101	57



DIN 69871

## High Precis. Drill Chuck / SK50 Form AD/B



### Verlinkung Zubehör

#### Verwendung

For clamping of toolings with cylindrical shafts  
Permissible rotating speed: Clamping range 0,5 - 8 mm max. 25.000 U/min Clamping range 1 - 13 mm max. 20.000 U/min Clamping range 3 - 16 mm max. 15.000 U/min To fit these rotating speed

#### Lieferumfang

with spanner

#### Werkstoff

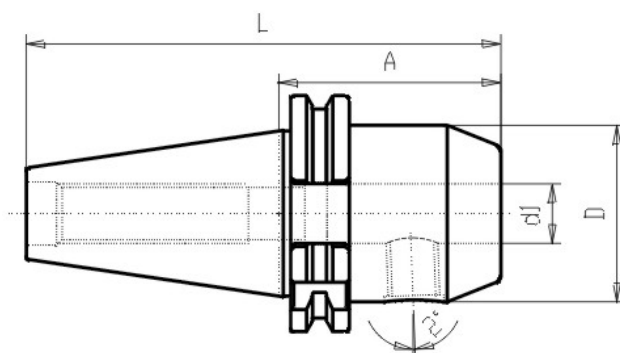
Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Shank, jacket, clamping jaw and other relevant pieces are hardened and grinded. A manual is attached to every Drill Chuck

Article-Nr.	SK	d1	A	Form	l1	D
G334D 50x13	50	1-13	106	AD/B	112	50
G334D 50x16	50	3-16	106	AD/B	117	57



DIN 69871

## End Mill Holder Whistle-Notch / SK40 Form A



### Verlinkung Zubehör

#### Verwendung

For milling-tools with zylindrical shaft type  
Whistle Notch DIN 1835E / 6359HE

#### Lieferumfang

with 1 clamping screw and 1 set screw

#### Werkstoff

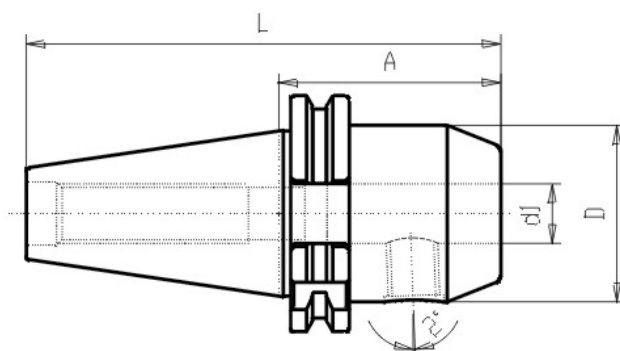
Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC) Shank and zylindrical surface are grinded.

Article-Nr.	SK	d1	A	Form	L	D
G321 40x 6x 50	40	6	50	AD	118	25
G321 40x 8x 50	40	8	50	AD	118	28
G321 40x10x 50	40	10	50	AD	118	35
G321 40x12x 50	40	12	50	AD	118	42
G321 40x14x 50	40	14	50	AD	118	42
G321 40x16x 63	40	16	63	AD	131	48
G321 40x18x 63	40	18	63	AD	131	48
G321 40x20x 63	40	20	63	AD	131	52
G321 40x22x 63	40	22	63	AD	131	52
G321 40x25x100	40	25	100	AD	168	63
G321 40x32x100	40	32	100	AD	168	70



DIN 69871

## End Mill Holder Whistle-Notch / SK50 Form A



### Verlinkung Zubehör

#### Verwendung

For milling-tools with zylindrical shaft type  
Whistle Notch DIN 1835E / 6359HE

#### Lieferumfang

with 1 clamping screw and 1 set screw

#### Werkstoff

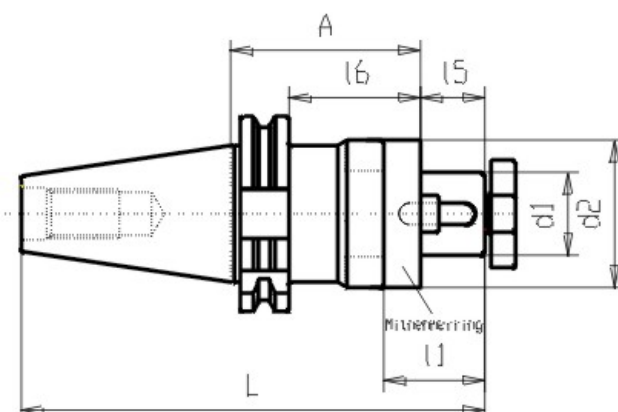
Alloyed case-hardened steel with a tensile strength of min. 800 N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC) Shank and zylindrical surface are grinded.

Article-Nr.	SK	d1	A	Form	L	D
G321 50x 6x 63v	50	6	63	AD	165	25
G321 50x 8x 63v	50	8	63	AD	165	28
G321 50x10x 63v	50	10	63	AD	165	35
G321 50x12x 63	50	12	63	AD	165	42
G321 50x14x 63v	50	14	63	AD	165	42
G321 50x16x 63	50	16	63	AD	165	48
G321 50x18x 63v	50	18	63	AD	165	48
G321 50x20x 63	50	20	63	AD	165	52
G321 50x25x 80	50	25	80	AD	182	63
G321 50x32x100	50	32	100	AD	202	70
G321 50x40x100v	50	40	100	AD	202	90



DIN 69871

## Combi Shell Mill Holder / SK30



### Verlinkung Zubehör

G040, G041, G042,

### Verwendung

For mounting of milling cutters with tenon drive or clutch drive

### Lieferumfang

With clamping screw DIN 6367, drive ring DIN 6366 and feather key.

### Werkstoff

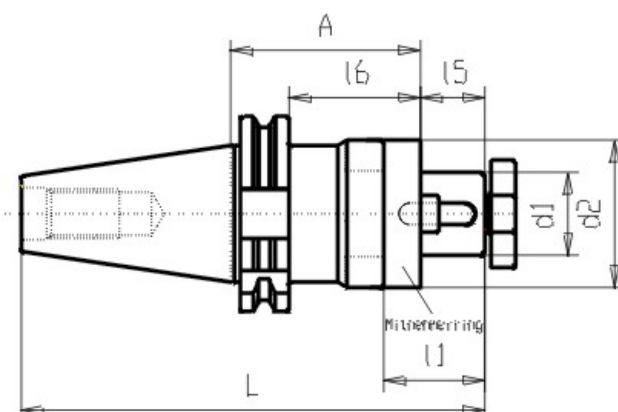
Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Shank, journal and contact surface are grinded.

Article-Nr.	SK	d1	A	Form	l1	l5	l6	d2	L
G340 30x13x 50	30	13	50	A	22	12	31	28	110
G340 30x13x100	30	13	100	A	22	12	81	28	160
G340 30x16x 50	30	16	50	A	27	17	31	32	115
G340 30x16x100	30	16	100	A	27	17	81	32	165
G340 30x22x 50	30	22	50	A	31	19	31	40	117
G340 30x27x 50	30	27	50	A	33	21	31	48	119
G340 30x27x100	30	27	100	A	33	21	81	48	169
G340 30x32x 60	30	32	60	A	38	24	41	58	132
G340 30x32x100	30	32	100	A	38	24	81	58	172



DIN 69871

## Combi Shell Mill Holder / SK40



### Verlinkung Zubehör

G040, G041, G042,

### Verwendung

For mounting of milling cutters with tenon drive or clutch drive

### Lieferumfang

With clamping screw DIN 6367, drive ring DIN 6366 and feather key.

### Werkstoff

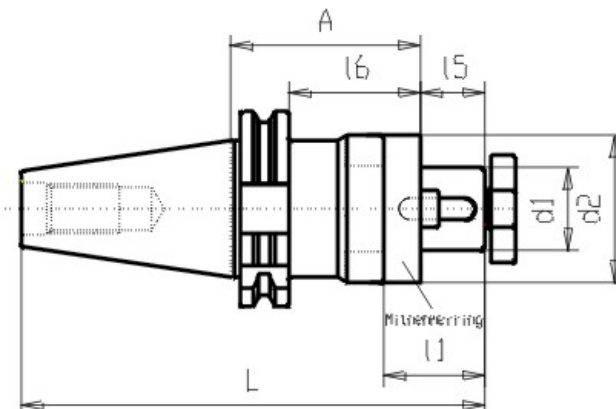
Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Shank, journal and contact surface are grinded.

Article-Nr.	SK	d1	A	Form	l1	l5	l6	d2	L
G340 40x16x 55	40	16	55	A	27	17	40	32	141
G340 40x16x100	40	16	100	A	27	17	81	32	186
G340 40x16x160	40	16	160	A	27	17	101	32	206
G340 40x22x 55	40	22	55	A	31	19	40	40	143
G340 40x22x100	40	22	100	A	31	19	81	40	188
G340 40x22x160	40	22	160	A	31	19	101	40	248
G340 40x27x 62	40	27	62	A	33	21	43	48	152
G340 40x27x100	40	27	100	A	33	21	101	48	190
G340 40x27x160	40	27	160	A	33	21	141	48	250
G340 40x32x 69	40	32	69	A	38	24	50	58	162
G340 40x32x100	40	32	100	A	38	24	81	58	193
G340 40x32x160	40	32	160	A	38	24	141	58	253
G340 40x40x 60	40	40	60	A	41	27	41	70	156
G340 40x40x120	40	40	120	A	41	27	101	70	216
G340 40x40x160	40	40	160	A	41	27	141	70	256



DIN 69871

## Combi Shell Mill Holder / SK40 AD/B



### Verlinkung Zubehör

G040, G041, G042,

### Verwendung

For mounting of milling cutters with tenon drive or clutch drive. Suitable for internal coolant flow Form AD/B = either central or over collar

### Lieferumfang

With clamping screw DIN 6367, drive ring DIN 6366 and feather key.

### Werkstoff

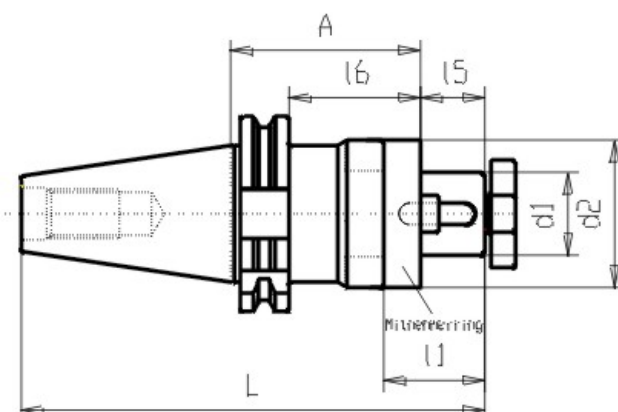
Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Shank, journal and contact surface are grinded.

Article-Nr.	SK	d1	A	Form	l1	l5	l6	d2	L
G340D40x16x 59	40	16	59	AD/B	27	17	40	32	145
G340D40x22x 59	40	22	59	AD/B	31	19	40	40	147
G340D40x27x 62	40	27	62	AD/B	33	21	43	48	152
G340D40x32x 69	40	32	69	AD/B	38	24	50	58	162
G340D40x40x 75	40	40	75	AD/B	41	27	56	70	171



DIN 69871

## Combi Shell Mill Holder / SK50



### Verlinkung Zubehör

G040, G041, G042,

### Verwendung

For mounting of milling cutters with tenon drive or clutch drive

### Lieferumfang

With clamping screw DIN 6367, drive ring DIN 6366 and feather key.

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Shank, journal and contact surface are grinded.

Article-Nr.	SK	d1	A	Form	l1	l5	l6	d2	L
G340 50x16x 55	50	16	55	A	27	17	36	32	174
G340 50x16x100	50	16	100	A	27	17	81	32	219
G340 50x16x160	50	16	160	A	27	17	141	32	279
G340 50x22x 55	50	22	55	A	31	19	36	40	176
G340 50x22x100	50	22	100	A	31	19	81	40	221
G340 50x22x160	50	22	160	A	31	19	141	40	281
G340 50x27x 55	50	27	55	A	33	21	36	48	178
G340 50x27x100	50	27	100	A	33	21	81	48	223
G340 50x27x160	50	27	160	A	33	21	141	48	283
G340 50x32x 55	50	32	55	A	38	24	36	58	181
G340 50x32x100	50	32	100	A	38	24	81	58	226
G340 50x32x160	50	32	160	A	38	24	141	58	286
G340 50x40x 55	50	40	55	A	41	27	36	70	184
G340 50x40x100	50	40	100	A	41	27	81	70	229
G340 50x40x160	50	40	160	A	41	27	141	70	289
G340 50x50x 75	50	50	75	A	46	30	56	90	207



DIN 69871

## Face Mill Holder / SK40



### Verlinkung Zubehör

G041, G042,

### Verwendung

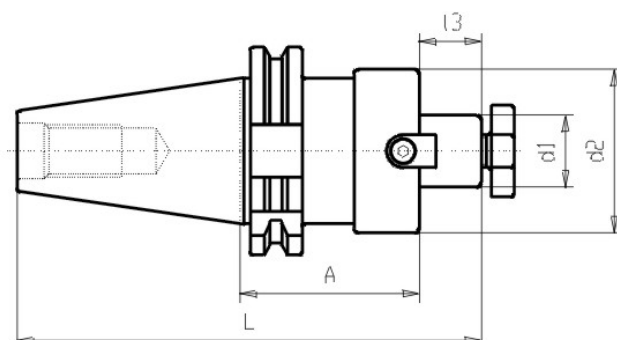
For mounting inserted tool milling cutters with clutch drive.

### Lieferumfang

With two fixed drive keys and clamping screw DIN 6367.

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Shank, journal and contact surface are grinded.

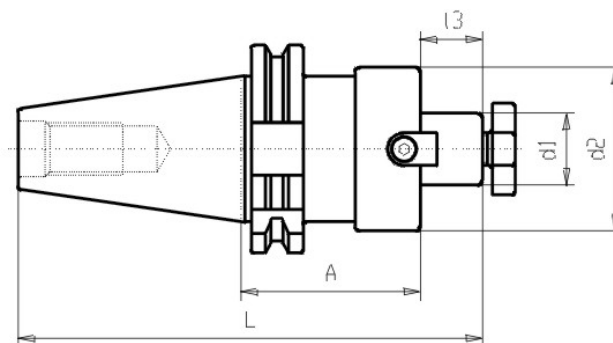


Article-Nr.	SK	d1	A	Form	l3	d2	L
G342 40x16x 35	40	16	35	A	17	40	121
G342 40x16x100	40	16	100	A	17	40	186
G342 40x16x200	40	16	200	A	17	40	286
G342 40x22x 35	40	22	35	A	19	50	123
G342 40x22x 50	40	22	50	A	19	50	138
G342 40x22x100	40	22	100	A	19	50	188
G342 40x27x 35	40	27	35	A	21	44.45	125
G342 40x27x 50	40	27	50	A	21	60	140
G342 40x27x100	40	27	100	A	21	58	190
G342 40x32x 55	40	32	55	A	24	78	148
G342 40x32x100	40	32	100	A	24	78	193
G342 40x40x 60	40	40	60	A	27	89	156



DIN 69871

## Face Mill Holder / SK40 AD/B



### Verlinkung Zubehör

G041, G042,

### Verwendung

For mounting inserted tool milling cutters with clutch drive. Suitable for internal coolant flow  
Form AD/B = either central or over collar

### Lieferumfang

With two fixed drive keys and clamping screw  
DIN 6367.

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Shank, journal and contact surface are grinded.

Article-Nr.	SK	d1	A	Form	I3	d2	L
G342D40x16x 35	40	16	35	AD/B	17	50	101
G342D40x22x 35	40	22	35	AD/B	19	44.45	123
G342D40x22x 50	40	22	50	AD/B	19	50	138
G342D40x27x 35	40	27	35	AD/B	21	44.45	125
G342D40x27x 50	40	27	50	AD/B	21	60	140
G342D40x32x 60	40	32	60	AD/B	24	78	153
G342D40x40x 60	40	40	60	AD/B	27	89	156



DIN 69871

## Face Mill Holder / SK50



### Verlinkung Zubehör

G041, G042,

### Verwendung

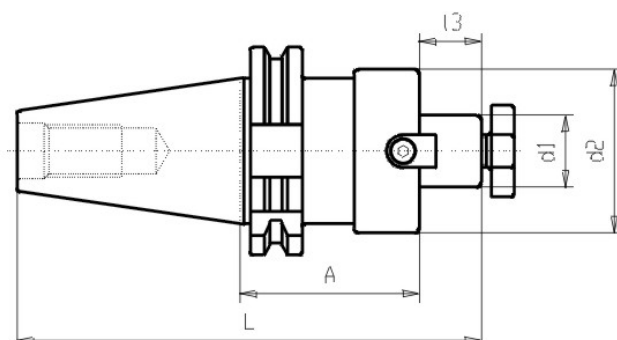
For mounting inserted tool milling cutters with clutch drive.

### Lieferumfang

With two fixed drive keys and clamping screw DIN 6367.

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Shank, journal and contact surface are grinded.



Article-Nr.	SK	d1	A	Form	l3	d2	L
G342 50x22x 35	50	22	35	A	19	48	156
G342 50x22x100	50	22	100	A	19	48	221
G342 50x27x 35	50	27	35	A	21	58	158
G342 50x27x100	50	27	100	A	21	58	223
G342 50x32x 35	50	32	35	A	24	78	171
G342 50x32x100	50	32	100	A	24	78	244
G342 50x40x 55	50	40	55	A	27	89	184
G342 50x50x 60	50	50	60	A	30	129	192
G342 50x60x 70	50	60	70	A	40	129	212



DIN 69871

Chuck f. threaded type cutter / SK40 G6,3 / 10.000 rpm

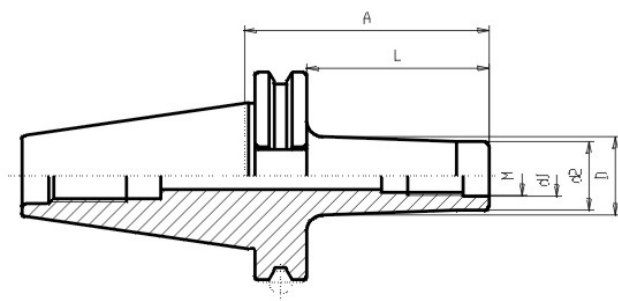
#### Verlinkung Zubehör

#### Verwendung

For clamping threaded type cutter. Form AD/B balanced to 6,3 at 10.000 rpm

#### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC)



Article-Nr.	SK	d1	A	Form	d2	L	D	Gewinde
G347D 40x06x 44	40	6.5	44	AD/B	10	25	17	M6
G347D 40x06x 69	40	6.5	69	AD/B	10	50	23	M6
G347D 40x06x 94	40	6.5	94	AD/B	10	75	25	M6
G347D 40x08x 44	40	8.5	44	AD/B	13	25	18	M8
G347D 40x08x 69	40	8.5	69	AD/B	13	50	23	M8
G347D 40x08x 94	40	8.5	94	AD/B	13	75	25	M8
G347D 40x08x119	40	8.5	119	AD/B	13	100	30	M8
G347D 40x10x 44	40	10.5	44	AD/B	18	25	23	M10
G347D 40x10x 94	40	10.5	94	AD/B	18	75	30	M10
G347D 40x12x 44	40	12.5	44	AD/B	21	25	24	M12
G347D 40x12x 94	40	12.5	94	AD/B	21	75	35	M12
G347D 40x12x144	40	12.5	144	AD/B	21	125	43	M12
G347D 40x16x 44	40	17	44	AD/B	29	25	29	M16
G347D 40x16x 94	40	17	94	AD/B	29	75	35	M16
G347D 40x16x144	40	17	144	AD/B	29	125	44	M16



DIN 69871

Chuck f. threaded type cutter / SK50 G6,3 / 10.000 rpm

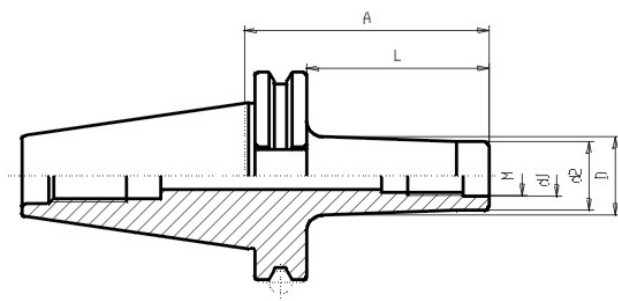
#### Verlinkung Zubehör

#### Verwendung

For clamping threaded type cutter. Form AD/B balanced to 6,3 at 10.000 rpm

#### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC)

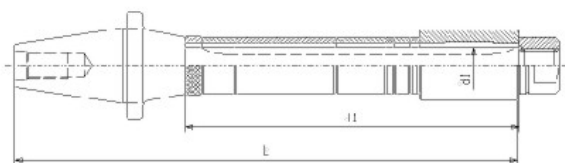


Article-Nr.	SK	d1	A	Form	d2	L	D	Gewinde
G347D 50x08x 69	50	8.5	69	AD/B	13	50	23	M8
G347D 50x08x119	50	8.5	119	AD/B	13	100	30	M8
G347D 50x08x169	50	8.5	169	AD/B	13	150	35	M8
G347D 50x10x 69	50	10.5	69	AD/B	18	50	25	M10
G347D 50x10x119	50	10.5	119	AD/B	18	100	35	M10
G347D 50x10x169	50	10.5	169	AD/B	18	150	38	M10
G347D 50x12x 69	50	12.5	69	AD/B	21	50	34	M12
G347D 50x12x119	50	12.5	119	AD/B	21	100	41	M12
G347D 50x12x169	50	12.5	169	AD/B	21	150	50	M12
G347D 50x16x 69	50	17	69	AD/B	29	50	34	M16
G347D 50x16x119	50	17	119	AD/B	29	100	41	M16
G347D 50x16x169	50	17	169	AD/B	29	150	50	M16



DIN 69871

## Long Milling Arbor / SK40



### Verlinkung Zubehör

030A, 030B, 030S, G034, 03513, 03516, 03522, 03527, 03532, 03540, 03550, 03560,

### Verwendung

For mounting disc millers and sawing discs

### Lieferumfang

Form A: Long milling arbor with nut, endring and feather key Form B: Long milling arbor with nut, set of spacing collars and feather key Form C: Long milling arbor with nut, set of spacing collars, feather key and 1 bearing collar DIN2083 with length of

### Werkstoff

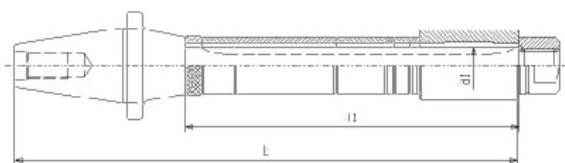
Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Shank, journal and contact surface are grinded. The diameter d1 is manufactured to tolerance h6.

Article-Nr.	SK	d1	Form	l1	L
G350 40x16x250	40	16	A	250	373
G350 40x16x315	40	16	A	315	438
G350 40x22x250	40	22	A	250	379
G350 40x22x315	40	22	A	315	444
G350 40x22x400	40	22	A	400	529
G350 40x22x500	40	22	A	500	629
G350 40x27x250	40	27	A	250	385
G350 40x27x315	40	27	A	315	450
G350 40x27x400	40	27	A	400	535
G350 40x27x500	40	27	A	500	635
G350 40x32x315	40	32	A	315	454
G350 40x32x400	40	32	A	400	539
G350 40x32x500	40	32	A	500	639
G350 40x40x315	40	40	A	315	462
G350 40x40x400	40	40	A	400	547
G350 40x40x500	40	40	A	500	647



DIN 69871

## Long Milling Arbor / SK50



### Verlinkung Zubehör

030A, 030B, 030S, G034, 03513, 03516, 03522, 03527, 03532, 03540, 03550, 03560,

### Verwendung

For mounting disc millers and sawing discs

### Lieferumfang

Form A: Long milling arbor with nut, endring and feather key Form B: Long milling arbor with nut, set of spacing collars and feather key Form C: Long milling arbor with nut, set of spacing collars, feather key and 1 bearing collar DIN2083 with length of

### Werkstoff

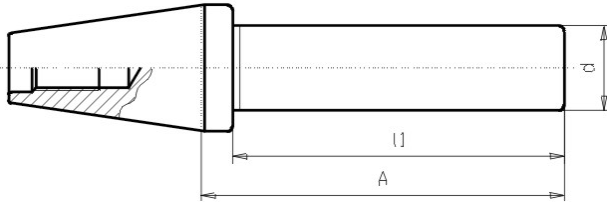
Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Shank, journal and contact surface are grinded. The diameter d1 is manufactured to tolerance h6.

Article-Nr.	SK	d1	Form	l1	L
G350 50x16x400	50	16	A	400	565
G350 50x22x400	50	22	A	400	571
G350 50x27x400	50	27	A	400	577
G350 50x27x500	50	27	A	500	677
G350 50x32x400	50	32	A	400	581
G350 50x32x500	50	32	A	500	681
G350 50x40x400	50	40	A	400	589
G350 50x40x500	50	40	A	500	689
G350 50x50x400	50	50	A	400	595
G350 50x50x500	50	50	A	500	695
G350 50x60x630	50	60	A	630	825



DIN 69871

## Test Arbor / SK40



### Verlinkung Zubehör

G050,

### Verwendung

For testing of accuracy of machine spindle

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Shank and controll surface are grinded.

### Besonderheit

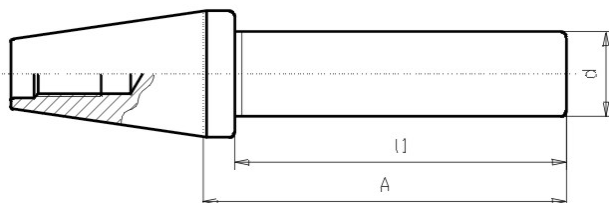
These test arbors are also usable for MAS BT. With special pull stud they can be used for DIN 2080. Max Runout is 0,003 mm

Article-Nr.	SK	A	Form	l1	d.
G356 40	40	325	A	312	30



DIN 69871

## Test Arbor / SK50



### Verlinkung Zubehör

G050,

### Verwendung

For testing of accuracy of machine spindle

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Shank and controll surface are grinded.

### Besonderheit

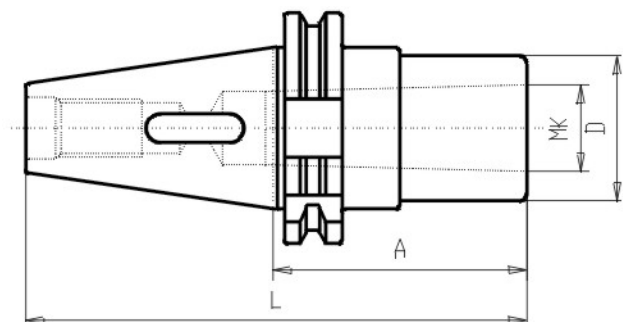
These test arbors are also usable for MAS BT. With special pull stud they can be used for DIN 2080. Max Runout is 0,003 mm

Article-Nr.	SK	A	Form	l1	d.
G356 50	50	345	A	345	36



DIN 69871

## Morse Taper Adaptor / SK30 Form A



### Verlinkung Zubehör

G050,

### Verwendung

For toolings with morse taper and flat tang

### Werkstoff

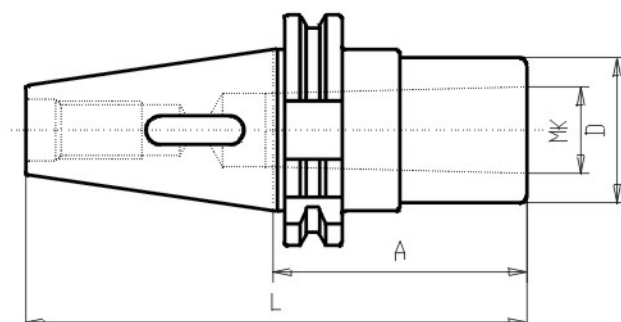
Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Outside shank and inside morse taper are grinded.

Article-Nr.	SK	A	Form	L	D	Innen MK
G360 30x1x 50	30	50	AD	98	25	1
G360 30x1x100	30	100	AD	148	25	1
G360 30x2x 60	30	60	AD	108	32	2
G360 30x2x100	30	100	AD	158	32	2
G360 30x3x 75	30	75	AD	123	40	3



DIN 69871

## Morse Taper Adaptor / SK40 Form A



### Verlinkung Zubehör

G050,

### Verwendung

For toolings with morse taper and flat tang

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carnonized according to Vickers min. 630 HV (min. 56 HRC), Outside shank and inside morse taper are grinded.

Article-Nr.	SK	A	Form	L	D	Innen MK
G360 40x1x 50	40	50	AD	119	25	1
G360 40x1x150s	40	150	AD	219	25	1
G360 40x2x 50	40	50	AD	119	32	2
G360 40x2x100	40	100	AD	169	32	2
G360 40x2x150	40	150	AD	219	32	2
G360 40x2x200	40	200	AD	269	32	2
G360 40x3x 70	40	70	AD	139	40	3
G360 40x3x100	40	100	AD	169	40	3
G360 40x3x150	40	150	AD	219	40	3
G360 40x3x200	40	200	AD	269	40	3
G360 40x4x 95	40	95	AD	164	48	4
G360 40x4x150	40	150	AD	219	48	4
G360 40x4x200	40	200	AD	269	48	4



DIN 69871

## Morse Taper Adaptor / SK40 Form B



### Verlinkung Zubehör

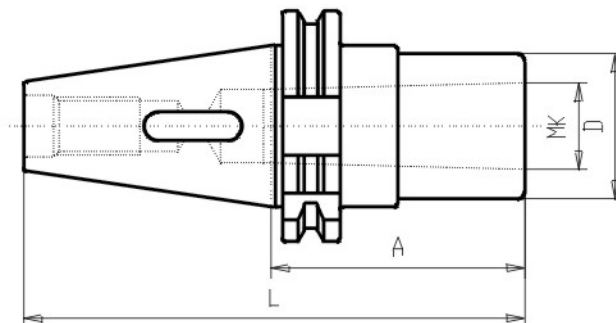
G050,

### Verwendung

For toolings with morse taper and flat tang

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carnonized according to Vickers min. 630 HV (min. 56 HRC), Outside shank and inside morse taper are grinded.

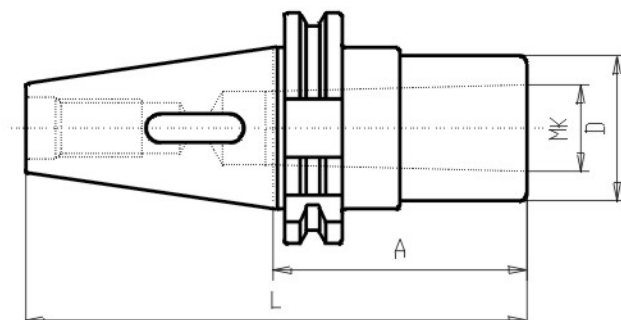


Article-Nr.	SK	A	Form	L	D	Innen MK
G360B40x2x 50	40	50	B	119	32	2
G360B40x3x 70	40	70	B	139	40	3



DIN 69871

## Morse Taper Adaptor / SK50 Form A



### Verlinkung Zubehör

G050,

### Verwendung

For toolings with morse taper and flat tang

### Werkstoff

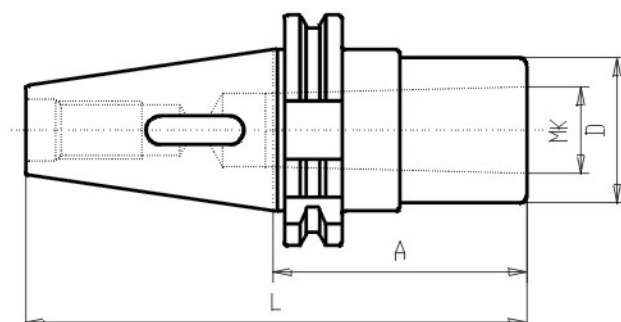
Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carnonized according to Vickers min. 630 HV (min. 56 HRC), Outside shank and inside morse taper are grinded.

Article-Nr.	SK	A	Form	L	D	Innen MK
G360 50x1x 45	50	45	AD	147	25	1
G360 50x2x 50	50	60	AD	162	32	2
G360 50x2x100	50	100	AD	202	25	2
G360 50x2x150	50	150	AD	252	25	2
G360 50x2x200	50	200	AD	302	25	2
G360 50x3x 65	50	65	AD	167	40	3
G360 50x3x100	50	100	AD	202	40	3
G360 50x3x150	50	150	AD	252	40	3
G360 50x3x200	50	200	AD	302	40	3
G360 50x4x 95	50	95	AD	197	48	4
G360 50x4x150	50	150	AD	252	48	4
G360 50x4x200	50	200	AD	302	48	4
G360 50x4x300	50	300	AD	402	48	4
G360 50x5x100	50	100	AD	202	63	5
G360 50x5x150	50	150	AD	252	63	5
G360 50x5x200	50	200	AD	302	63	5
G360 50x5x300	50	300	AD	402	63	5



DIN 69871

## Morse Taper Adaptor / SK50 Form B



### Verlinkung Zubehör

G050,

### Verwendung

For toolings with morse taper and flat tang

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Outside shank and inside morse taper are grinded.

Article-Nr.	SK	A	Form	L	D	Innen MK
G360B50x1x 45	50	45	B	147	25	1
G360B50x2x 50	50	50	B	162	32	2
G360B50x3x 65	50	65	B	167	40	3
G360B50x4x 70	50	70	B	172	48	4
G360B50x5x100	50	100	B	202	63	5



DIN 69871

## Draw Thread Morse Taper Adap. / SK30



### Verlinkung Zubehör

G050,

### Verwendung

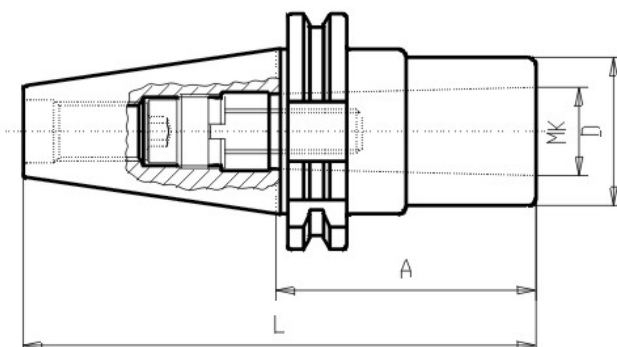
For toolings with morse taper and thread

### Lieferumfang

with internal clamping screw

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Outside shank and inside morse taper are grinded.



Article-Nr.	SK	A	Form	L	D	Innen MK
G361 30x1x 50	30	50	A	98	25	1
G361 30x2x 63	30	63	A	111	32	2
G361 30x3x 82	30	82	A	130	40	3
G361 30x3x120s	30	120	A	168	40	3
G361 30x3x180s	30	180	A	228	40	3



DIN 69871

## Draw Thread Morse Taper Adap. / SK40



### Verlinkung Zubehör

G050,

### Verwendung

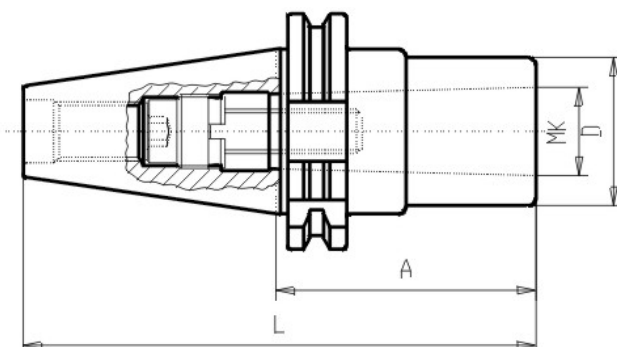
For toolings with morse taper and thread

### Lieferumfang

with internal clamping screw

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Outside shank and inside morse taper are grinded.



Article-Nr.	SK	A	Form	L	D	Innen MK
G361 40x1x 50	40	50	A	119	25	1
G361 40x2x 50	40	50	A	119	32	2
G361 40x3x 70	40	70	A	139	40	3
G361 40x3x100	40	100	A	169	40	3
G361 40x3x200s	40	200	A	269	40	3
G361 40x4x 95	40	95	A	164	48	4
G361 40x4x150	40	150	A	219	48	4
G361 40x4x200	40	200	A	269	48	4



DIN 69871

## Draw Thread Morse Taper Adap. / SK50



### Verlinkung Zubehör

G050,

### Verwendung

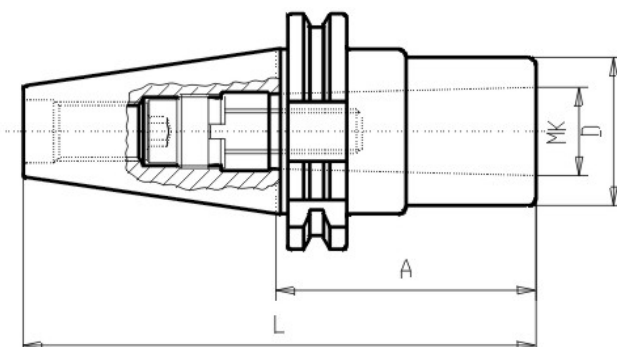
For toolings with morse taper and thread

### Lieferumfang

with internal clamping screw

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Outside shank and inside morse taper are grinded.



Article-Nr.	SK	A	Form	L	D	Innen MK
G361 50x1x 45	50	45	A	147	25	1
G361 50x2x 50	50	50	A	162	32	2
G361 50x3x 65	50	65	A	167	40	3
G361 50x4x 95	50	95	A	182	48	4
G361 50x4x150	50	150	A	252	48	4
G361 50x4x200	50	200	A	302	48	4
G361 50x4x300	50	300	A	402	48	4
G361 50x5x110	50	110	A	207	63	5
G361 50x5x150	50	150	A	252	63	5
G361 50x5x200	50	200	A	302	63	5
G361 50x5x300	50	300	A	402	63	5



DIN 69871

## Reduction Arbor / SK40



### Verlinkung Zubehör

G050,

### Verwendung

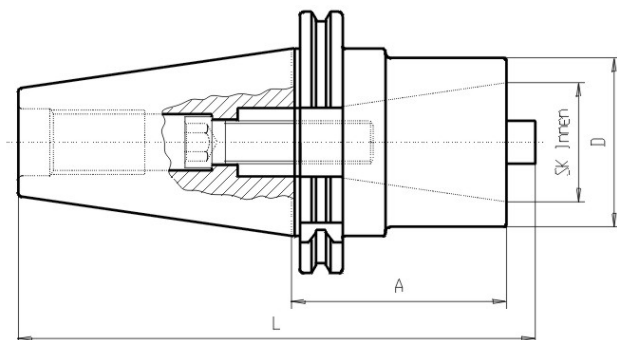
For reducing SK to SK

### Lieferumfang

with internal clamping screw

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Outside shank and inside cone are grinded.



Article-Nr.	SK	Innen SK	A	Form	L	D
G362 40x30x 60	40	30	50	A	119	50
G362 40x40x125	40	40	125	A	194	70



DIN 69871

## Reduction Arbor / SK50



### Verlinkung Zubehör

G050,

### Verwendung

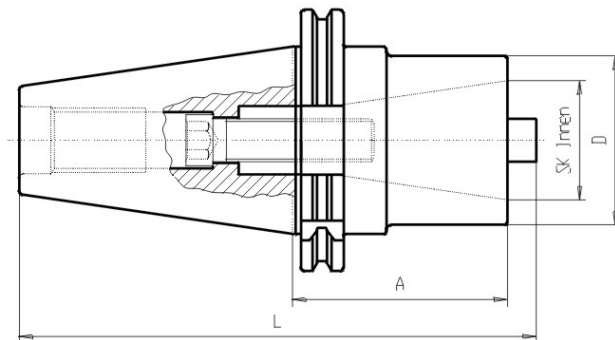
For reducing SK to SK

### Lieferumfang

with internal clamping screw

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Carbonized according to Vickers min. 630 HV (min. 56 HRC), Outside shank and inside cone are grinded.



Article-Nr.	SK	Innen SK	A	Form	L	D
G362 50x30x 60	50	30	50	A	152	50
G362 50x40x 70	50	40	70	A	172	70
G362 50x50x120	50	50	120	A	222	97



DIN 69871

Blank Bar / SK40



### Verlinkung Zubehör

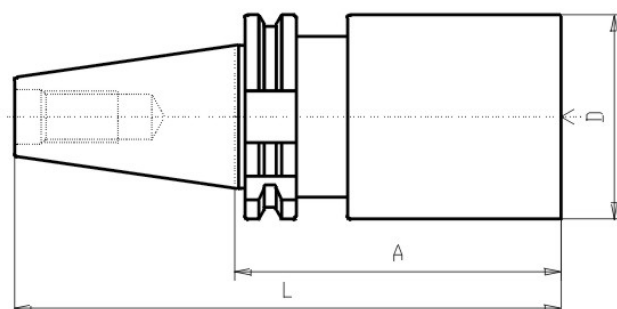
G050,

### Verwendung

For production of special toolholders

### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Shank and collar carnonized according to Vickers min. 630 HV (min. 56 HRC) and grinded. Cylindrical Diameter D is unhardened for further manufacturing.



Article-Nr.	SK	A	Form	L	D
G399 40x405x160	40	160	A	229	40.5
G399 40x635x160	40	160	A	229	63.5
G399 40x635x250	40	250	A	319	63.5



DIN 69871

Blank Bar / SK50



#### Verlinkung Zubehör

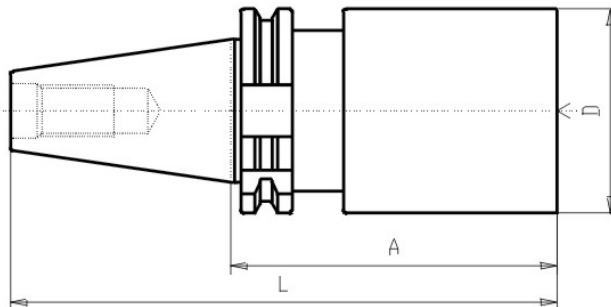
G050,

#### Verwendung

For production of special toolholders

#### Werkstoff

Alloyed case-hardened steel with a tensile strength of 800N/mm<sup>2</sup>. Shank and collar carnonized according to Vickers min. 630 HV (min. 56 HRC) and grinded. Cylindrical Diameter D is unhardened for further manufacturing.



Article-Nr.	SK	A	Form	L	D
G399 50x955x315	50	315	A	417	95.5



