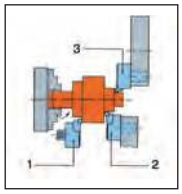
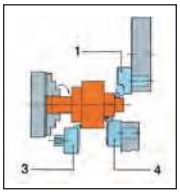
Info — VDI tool chucks in accordance with DIN 69880

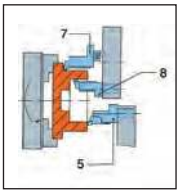
20 MnCr5 hardened to 60 +/- 2 HRC. All functional surfaces ground.
With ball spray nozzle and threaded connection for tube fittings.



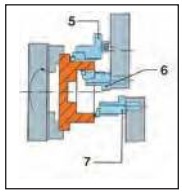
1 shape B1 and B5
2 shape B2 and B6



3 shape B3 and B7
4 shape B4 and B8



5 shape C1
6 shape C2



7 shape C3
8 shape C4

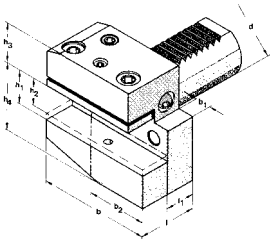
21903 - 21904 — Square traverse mount shape B1/B2

DIN 69880

Design
Short version.
Applications
For external machining. For square tools.

21903
Design
Shape B1, radial, right.

21904
Design
Shape B2, radial, left.



21903

Shank d mm	b mm	b_1 mm	b_2 mm	h_1 mm	h_2 mm	h_3 mm	h_4 mm	l mm	l_1 mm	21903	...	21904	...
20	55	7.0	30.0	16	12	25.0	30	30	16		310		110
30	70	10.0	35.0	20	16	28.0	38	40	22		311		111
40	85	12.5	42.5	25	20	32.5	48	44	22		312		112
50	100	16.0	50.0	32	25	35.0	60	55	30		313		113

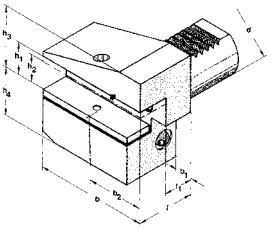
21908 - 21909 — Square traverse mount shape B3/B4

DIN 69880

Design
Short version.
Applications
For overhead work. For square tools.

21908
Design
Shape B3, radial, right.

21909
Design
Shape B4, radial, left.



21908

Shank d mm	b mm	b_1 mm	b_2 mm	h_1 mm	h_2 mm	h_3 mm	h_4 mm	l mm	l_1 mm	21908	...	21909	...
20	55	7.0	30.0	16	12	30	25.0	30	16		310		110
30	70	10.0	35.0	20	16	38	35.0	40	22		311		111
40	85	12.5	42.5	25	20	48	42.5	44	22		312		112
50	100	16.0	50.0	32	25	60	50.0	55	30		313		113

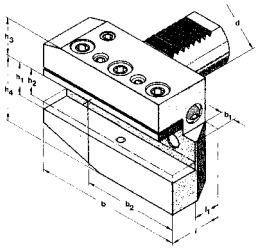
21905 - 21906 — Square traverse mount shape B5/B6

DIN 69880

Design
Long version.
Applications
For external machining. For square tools.

21905
Design
Shape B5, radial, right.

21906
Design
Shape B6, radial, left.



21905

Shank d mm	b mm	b_1 mm	b_2 mm	h_1 mm	h_2 mm	h_3 mm	h_4 mm	l mm	l_1 mm	21905	...	21906	...
30	100	15.0	65.0	20	16	28.0	38	40	22		311		111
40	118	12.5	65.5	25	20	32.5	48	44	22		312		112
50	130	16.0	80.0	32	25	35.0	60	55	30		313		113

21911 - 21912 Square traverse mount shape B7/B8

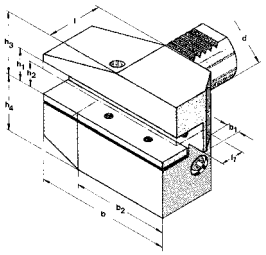
DIN 69880

HHW

Design
Long version.
Applications
For overhead work. For square tools.

21911
Design
Shape B7, radial, right.

21912
Design
Shape B8, radial, left.



21911

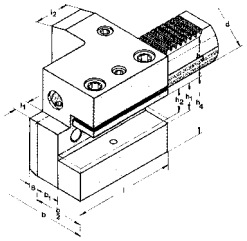
Shank d mm	b mm	b_1 mm	b_2 mm	h_1 mm	h_2 mm	h_3 mm	h_4 mm	l mm	l_1 mm	21911 ...	21912 ...
30	100	15.0	65.0	20	16	38	35.0	40	22	311	111
40	118	12.5	65.5	25	20	48	42.5	44	22	312	112
50	130	16.0	80.0	32	25	60	50.0	55	30	313	113

21915 Square longitudinal mount shape C1

DIN 69880

HHW

Design
Short version, **shape C1,** axial, right.
Applications
For face recessing. For square tools



21915

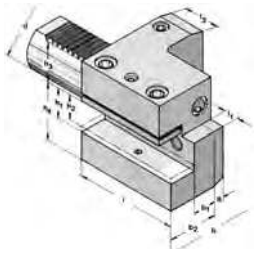
Shank d mm	b mm	b_1 mm	h_1 mm	h_2 mm	h_3 mm	h_4 mm	l mm	l_1 mm	l_2 mm	21915 ...
20	52	25.5	16	12	25.0	30	50	-	30	310
30	70	17.0	20	16	28.0	38	70	10.0	30	311
40	85	20.5	25	20	32.5	48	85	12.5	30	312
50	100	25.5	32	25	35.0	60	100	16.0	40	313

21916 Square longitudinal mount shape C2

DIN 69880

HHW

Design
Short version, **shape C2,** axial, left.
Applications
For face recessing. For square tools.



21916

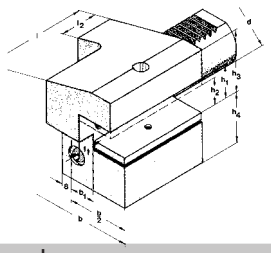
Shank d mm	b mm	b_1 mm	b_2 mm	h_1 mm	h_2 mm	h_3 mm	h_4 mm	l mm	l_1 mm	l_2 mm	21916 ...
20	65	26.0	40.0	16	12	25.0	30	50	-	30	110
30	76	23.0	41.0	20	16	28.0	38	70	10.0	30	111
40	90	25.5	47.5	25	20	32.5	48	85	12.5	30	112
50	105	30.5	55.0	32	25	36.0	60	100	16.0	40	113

21918 Square longitudinal mount shape C3

DIN 69880

HHW

Design
Short version, **shape C3,** axial, right.
Applications
For overhead face recessing. For square tools.



21918

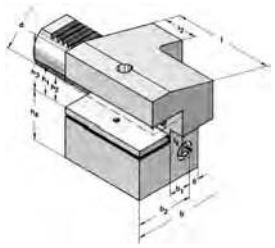
Shank d mm	b mm	b_1 mm	h_1 mm	h_2 mm	h_3 mm	h_4 mm	l mm	l_1 mm	21918 ...
20	52	13	16	12	30	25.0	50	-	310
30	70	17	20	16	38	35.0	70	10.0	311
40	85	21	25	20	48	42.5	85	12.5	312
50	100	26	32	25	60	50.0	100	16.0	313

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

21919 Square longitudinal mount shape C4

DIN 69880

Design
Short version, **shape C4,** axial, left.
Applications
For overhead face recessing. For square tools.



21919

Shank d mm	b mm	b_1 mm	b_2 mm	h_1 mm	h_2 mm	h_3 mm	h_4 mm	l mm	l_1 mm	l_2 mm	21919	...
20	65	26.0	43.0	16	12	30	25.0	50	-	30		**110**
30	76	23.0	41.0	20	16	38	35.0	70	10.0	30		**111**
40	90	25.5	47.5	25	20	48	42.5	85	12.5	30		**112**
50	105	30.5	50.0	32	25	60	50.0	100	16.0	40		**113**

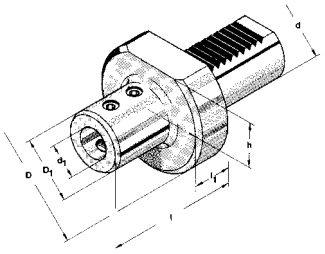
21920 Indexable insert drill mounts shape E1

DIN 69880

Design
With internal coolant supply, **shape E1,** axial.

Applications
For mounting indexable insert drills.

21920

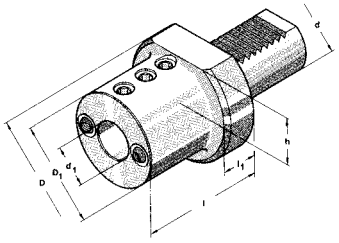


Shank d mm	d_1 mm	D mm	D_1 mm	h mm	l mm	l_1 mm	Bore depth mm	21920	...
20	20	50	40	22.0	60	18	54		**201**
20	25	50	45	22.0	66	18	59		**202**
30	20	68	40	28.0	66	22	54		**203**
30	25	68	45	28.0	71	22	59		**204**
30	32	68	52	28.0	75	22	63		**205**
40	20	83	40	32.5	66	22	54		**206**
40	25	83	45	32.5	71	22	59		**207**
40	32	83	52	32.5	75	22	63		**208**
40	40	83	60	32.5	85	22	73		**209**
50	20	98	40	35.0	66	30	54		**210**
50	25	98	45	35.0	71	30	59		**211**
50	32	98	52	35.0	75	30	63		**212**
50	40	98	60	35.0	85	30	73		**213**

21922 Boring bar mounts shape E2

DIN 69880

Design
With coolant supply via nozzles, **shape E2,** axial.
Applications
For mounting boring bars.



21922

Shank d mm	d_1 mm	D mm	D_1 mm	h mm	l mm	l_1 mm	21922	...
20	8	50	40	25.0	50	15		**101**
20	10	50	40	25.0	50	15		**102**
20	12	50	40	25.0	50	15		**103**
20	16	50	44	25.0	50	15		**104**
20	20	50	49	25.0	50	-		**105**
20	25	50	54	25.0	50	-		**106**
30	8	68	50	28.0	60	21		**107**
30	10	68	50	28.0	60	21		**108**
30	12	68	50	28.0	60	21		**109**
30	16	68	55	28.0	60	21		**110**
30	20	68	55	28.0	60	21		**111**
30	25	68	55	28.0	60	21		**112**
30	32	68	68	28.0	75	-		**113**
40	8	83	50	32.5	75	21		**114**

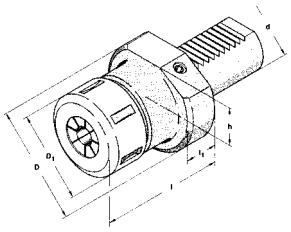
Shank d mm	d_1 mm	D mm	D_1 mm	h mm	l mm	l_1 mm	21922	...
40	10	83	50	32.5	75	21		**115**
40	12	83	50	32.5	75	21		**116**
40	16	83	55	32.5	75	21		**117**
40	20	83	55	32.5	75	21		**118**
40	25	83	60	32.5	75	21		**119**
40	32	83	72	32.5	75	21		**120**
40	40	83	83	32.5	85	-		**121**
50	12	98	56	35.0	90	25		**122**
50	16	98	56	35.0	90	25		**123**
50	20	98	56	35.0	90	25		**124**
50	25	98	65	35.0	90	25		**125**
50	32	98	68	35.0	90	25		**126**
50	40	98	80	35.0	90	25		**127**

21924 OZ collet chucks E3

DIN 69880

Design
Coolant supply via collet chuck, **shape E3,** axial.
Applications
For centring and drilling.

Note:
For OZ collet chucks, see art. no. 21552–21554.



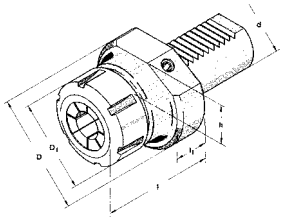
Shank d mm	D mm	D_1 mm	h mm	l mm	l_1 mm	Clamping range Ø mm	For collet chucks type	21924	...
20	50	43	22.0	55	18	2–16	410 E/415 E		**101**
30	68	60	28.0	75	30	2–25	444 E/462 E		**102**
40	83	60	32.5	75	22	2–25	444 E/462 E		**103**
40	83	72	32.5	90	22	4–32	450 E/467 E		**104**
50	98	72	35.0	90	30	4–32	450 E/467 E		**106**

21926 ER collet chucks E4

DIN 69880

Design
Coolant supply via collet chuck, **shape E4,** axial.
Applications
For centring and drilling.

Note:
For ER collet chucks, see art. no. 21519–21528.



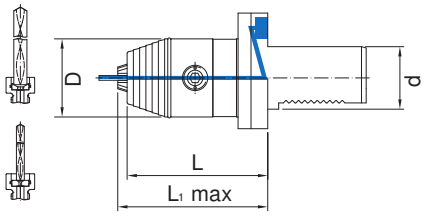
Shank d mm	D mm	D_1 mm	h mm	l mm	l_1 mm	Clamping range Ø mm	For collet chucks type	21926	...
20	50	42	25.0	55	18	1–16	ER/ESX 25/430 E		**201**
30	68	42	28.0	55	22	1–16	ER/ESX 25/430 E		**203**
30	68	50	28.0	55	22	2–20	ER/ESX 32/470 E		**204**
40	83	50	32.5	75	22	2–20	ER/ESX 32/470 E		**205**
40	83	63	32.5	75	22	3–26	ER/ESX 40/472 E		**206**

21948 CNC precision drill chuck

DIN 69880 ≤30µm

Design
- High clamping force
- Cooling via spray nozzles
- Very short design

Scope of delivery:
- Delivered with hexagon key with T-handle SW 6 mm
- **Incl. sealing washers** for the entire clamping range (1x installed, 1x in scope of delivery)



Taper VDI	Clamping range mm	D mm	L mm	L_1 Max. mm	Torque Nm	Retention force N	Weight kg	21948	...
30	0.5–13	50	90	96	20	80	1.8		**101**
30	2.5–16	50	90	96	20	90	1.8		**102**
40	0.5–13	50	90	96	20	80	2.3		**201**
40	2.5–16	50	90	96	20	90	2.3		**202**

21929 Short drill chuck

DIN 69880 ≤30µm

ATORN®

Design
Short design, wear parts hardened and ground, high degree of concentricity.

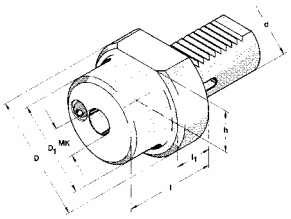
Scope of delivery:
Includes spanner with T-handle for high traction.

Shank d1 mm	Clamping range Ø mm	D mm	A mm	21929	...
30	1–16	50	87		**102**
40	1–16	50	87		**103**

21930 Morse taper mounts, shape F1

DIN 69880

Design
Shape F1, axial.
Applications
For mounting tools with an MK shanks.



Shank d mm	MK	D mm	D_1 mm	h mm	l mm	l_1 mm	21930	...
20	1	50	50	25.0	22	-		201
30	1	68	52	28.0	25	25		203
30	2	68	58	28.0	42	25		204
30	3	68	68	28.0	66	-		205
40	2	83	58	32.5	34	25		206

Shank d mm	MK	D mm	D_1 mm	h mm	l mm	l_1 mm	21930	...
40	3	83	64	32.5	58	25		207
40	4	83	72	32.5	86	25		208
50	2	98	-	35.0	25	-		209
50	3	98	64	35.0	42	25		210
50	4	98	72	35.0	71	25		211

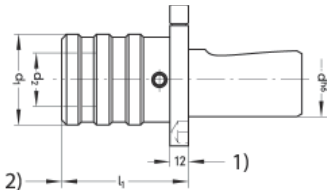
21935 Tapping chucks

DIN 69880

Design
With length compensation under compression and tension.
Applications
For mounting threaded quick-change inserts.

Note:
For quick-change inserts, see art. no. 21459–21460.

1) Clamping ring
2) Insert contact surface



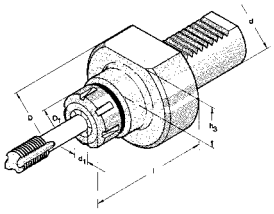
Size	Shank d h_6 mm	For screw tap	l_1 mm	d_1 mm	d_2 mm	Length compensation pressure/tension mm	21935	...
1	20	M 3–12	55	38	19	9/9		201
1	30	M 3–12	55	38	19	9/9		202
2	30	M 6–20	77	55	31	15/15		203
1	40	M 3–12	55	38	19	9/9		204
2	40	M 6–20	77	55	31	15/15		205

21937 Tapping chucks

DIN 69880

Design
With length compensation under compression and tension.
Applications
For mounting collet chucks with square drives.

Note:
Collet chucks, see art. no. 21527.



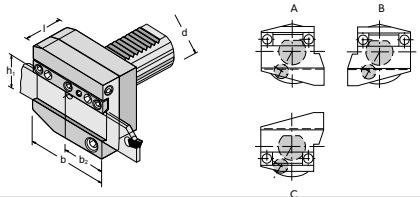
Shank d mm	D mm	D_1 mm	h_3 mm	l mm	d_1 mm	Screw tap	Length compensation mm	21937	...
30	68	42	28.0	75	1–16	M 4–M 20	15		201
40	83	42	32.5	75	1–16	M 4–M 20	15		202

21940 Cutting-off tool holder

DIN 69880

Design
With mount for recessing blades.

Note:
For blades, see art. no. 18672 and 18680.

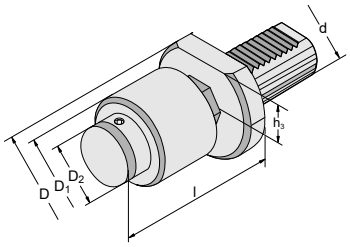


Shank d mm	b mm	b_2 mm	h_1 mm	l mm	Sketch	21940	...
30	70	35.0	26.0	50	A = right		101
30	70	35.0	26.0	50	B = left		102
30	70	35.0	26.0	50	C = overhead		103
40	85	42.5	32.0	50	A = right		105
40	85	42.5	32.0	50	B = left		106
40	85	42.5	32.0	50	C = overhead		107

21942 Workpiece stops

DIN 69880

Design
Synchronous, length-adjustable, replaceable stop surface.
Applications
For exact positioning of workpieces.



21942

Shank d mm	D mm	D_1 mm	D_2 mm	h_3 mm	l mm	21942 ...
30	68	38	25	28.0	65–100	**101**
40	83	60	40/80	32.5	80–150	**102**

21923 Reducing sleeves

Design
Suitable for indexable insert drill mounts: shape E1, no. 21920. Suitable for boring bar mounts: shape E2, art. no. 21922.
Suitable for internal cooling.
Applications
To reduce for tools with straight shanks, e.g. boring bars, precision lathe tools and indexable insert drills.

21923 Fig. 1

21923 Fig. 2

d_1 mm	d mm	L mm	Fig.	21923 ...
25	6	50	1	**101**
25	8	50	1	**102**
25	10	50	1	**103**
25	12	50	1	**104**
25	14	50	1	**105**
25	16	50	2	**106**
25	20	50	2	**107**

d_1 mm	d mm	L mm	Fig.	21923 ...
32	6	59	1	**108**
32	8	59	1	**109**
32	10	59	1	**110**
32	12	59	1	**111**
32	14	59	1	**112**
32	16	59	1	**113**
32	20	54	2	**114**
32	25	54	2	**115**

d1 mm	d mm	L mm	Fig.	21923 ...
40	6	69	1	**116**
40	8	69	1	**117**
40	10	69	1	**118**
40	12	69	1	**119**
40	14	69	1	**120**
40	16	69	1	**121**
40	20	69	1	**122**
40	25	69	1	**123**
40	32	69	2	**124**

21901 Blanks A2

DIN 69880

Design
Round, unhardened, but shank hardened and ground, dimensions in accordance with DIN 69880, Part 2, **shape A2.**

21901

Shank d mm	D mm	l mm	21901 ...
20	50	70	**201**
30	68	240	**202**
40	83	320	**203**
50	98	400	**204**