



**PV Gehrungsverbinder, Stahldübel  $\phi 7$  mm**

bestehend aus:

Stahl-Gehäuse Typ PV  $\phi 10$ mm und  $\phi 12$  mm

Gewindestift PZ (Pozydrive) oder ISK Innensechskant

Gelenkdübel PV

in verzinkter oder vernickelter Oberfläche

**PV Angled connector, steel dowel  $\phi 7$  mm**

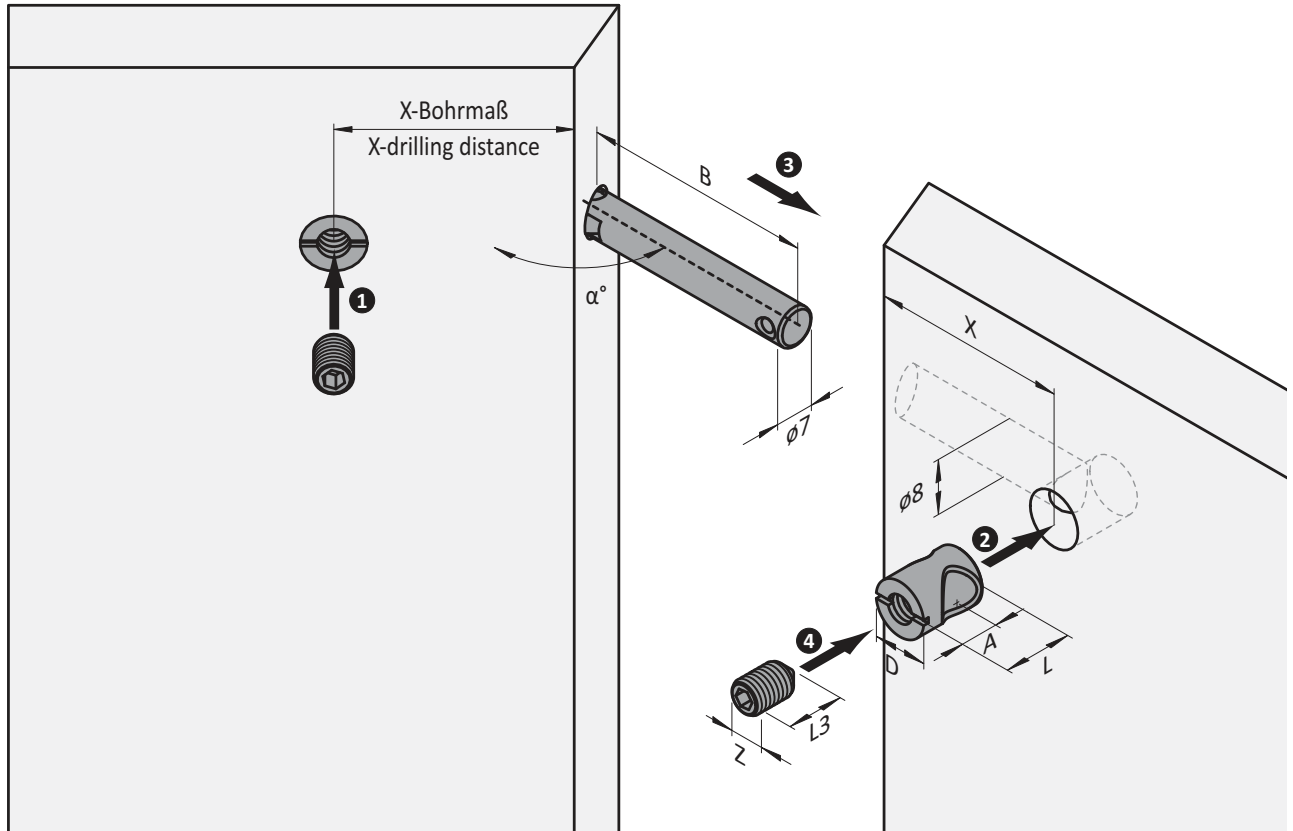
consisted of:

steel housing PV  $\phi 10$  mm and  $\phi 12$  mm

grub screw PZ (pozydrive) or ISK (hexagon)

angled dowel PV

zinc plated oder nickel plated



Gehäuse / housing						Gewindestift / grub screw				Gelenkdübel / angled dowel				
Artikel-Nr. order-nr.	Material M	L	A	D	VE PU	Artikel-Nr. order-nr.	L3	Z	VE PU	Artikel-Nr. order-nr.	$\phi$	L1	B/B	VE PU
D01020	16	12	8,0	10	200	D01024 / 34	8	PZ / ISK	100	D01040	7	91	39,5/39,5	25
D01021	19	14	9,5	10	200	D01024 / 34	8	PZ / ISK	100					
D01030	19	14	9,5	10	200	D01032 / 37	8	PZ / ISK	100					
D01022	23	16	11,5	10	200	D01024 / 34	8	PZ / ISK	100					
D01031	23	16	11,5	10	200	D01032 / 37	8	PZ / ISK	100					
D01023	32	21	16,0	10	200	D01024 / 34	8	PZ / ISK	100					
D02000	16	12	8,0	12	200	D02003	8	ISK	100					
D02001	19	14	9,5	12	200	D02003	8	ISK	100					

**Hinweis / Please advice**

Alle Abmessungen in mm, M Materialstärke / All dimensions in mm, M board thickness

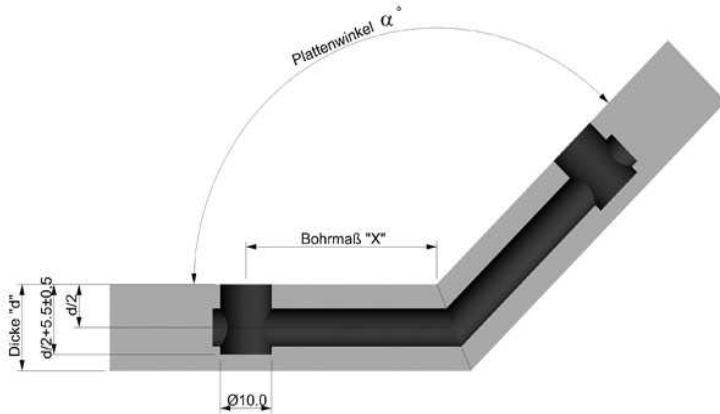
Bohrabstand X siehe Bohrtabelle / Drilling distance X in drilling chart

Oberfläche vernickelt / surface nickel plated



**PV Gehrungsverbinder, Stahldübel ø7 mm**  
**Bohrabstands-Tabelle**

**PV Angled dowel, steel dowel ø7 mm**  
**Drilling distance**



Bohrabstand "X" (theor.) in mm für  
 Gelenkdübel PV 7/10  
 Toleranz: -0,5/+0,5 mm  
**Ein Probeanschlag wird empfohlen!**

Drilling distance „X“ (theor.) in mm for  
 Angled dowel PV 7/10  
 Tolerance: -0,5/+0,5 mm  
**A test with a sample is recommended!**

Winkel $\alpha$	Plattenstärke / board thickness (mm)							
	16,0	18,0	19,0	22,0	23,0	25,0	28,0	29,0
65°	27,5	26,0	25,0	23,0	22,0	20,5	18,0	17,0
70°	28,5	27,0	26,5	24,5	23,5	22,0	20,0	19,5
75°	29,5	28,5	27,5	25,7	25,0	23,7	22,0	21,0
80°	30,5	28,5	27,5	26,0	25,0	24,0	22,0	21,0
85°	31,5	30,0	29,5	28,0	27,5	26,5	25,0	24,0
90°	32,0	31,0	30,5	29,0	28,5	27,5	26,0	25,5
95°	32,5	32,0	31,5	30,0	29,5	28,5	27,0	26,5
100°	33,5	32,5	32,0	31,0	30,5	29,5	28,5	28,0
105°	34,0	33,0	32,5	32,5	31,0	30,5	29,5	29,0
110°	34,5	33,5	33,5	32,5	32,0	31,0	30,0	30,0
115°	35,0	34,5	34,0	33,0	32,5	32,0	31,0	31,0
120°	35,5	35,0	34,5	34,0	33,5	33,0	32,0	31,5
125°	36,0	35,5	35,0	34,5	34,0	33,5	32,5	32,5
130°	36,5	36,0	35,5	35,0	34,5	34,0	33,5	33,0
135°	36,5	36,5	36,0	35,5	35,0	35,0	34,0	34,0
140°	37,0	36,5	36,5	36,0	36,0	35,5	35,0	34,5
145°	37,5	37,0	37,0	36,5	36,5	36,0	35,5	35,5
150°	38,0	37,5	37,5	37,0	37,0	36,5	36,0	36,0
155°	38,0	38,0	38,0	37,5	37,5	37,0	37,0	37,0
160°	38,5	38,5	38,5	38,0	38,0	38,0	37,5	37,5
165°	39,0	39,0	38,5	38,5	38,5	38,5	38,0	38,0
170°	39,5	39,0	39,0	39,0	39,0	39,0	39,0	38,5
175°	39,5	39,5	39,5	39,5	39,5	39,5	39,5	39,5
180°	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0



**PV Gehrungsverbinder einseitig, Dübel  $\varnothing$ 7 mm**

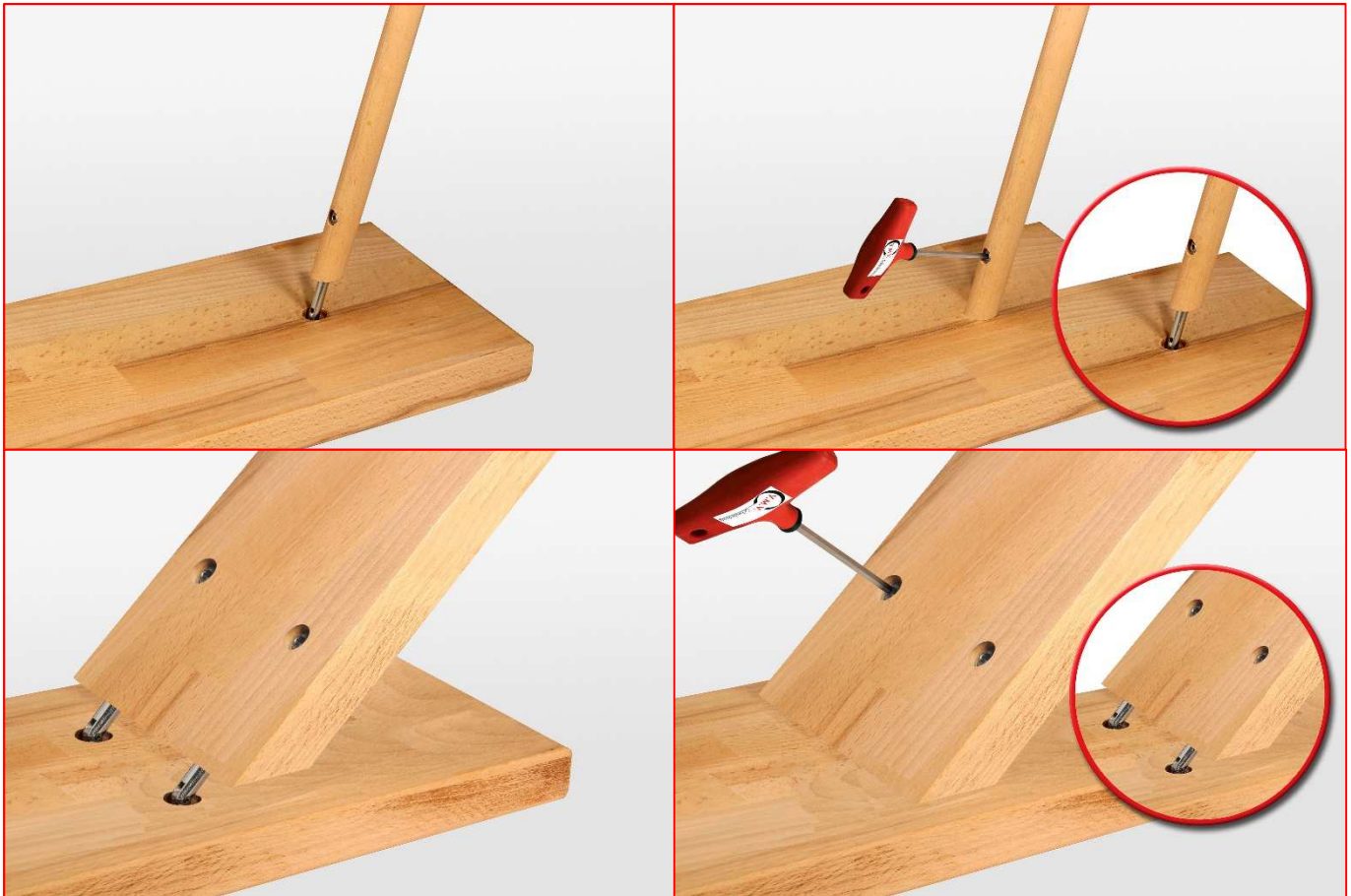
bestehend aus:

- Stahl-Gehäuse Typ PV  $\varnothing$ 10 mm inkl. Gewindestift SW3, PZ2
- Gelenkdübel einseitig PV  $\varnothing$ 7 mm
- Gewindemuffe M6

**PV Angled connector one sided, steel dowel  $\varnothing$ 7 mm**

consisted of:

- Steel housing PV  $\varnothing$ 10 mm including grub screw SW3, PZ2
- Angled dowel one sided PV  $\varnothing$ 7 mm
- Steel socket M6



**Beschreibung**

- Ein Verbindungsbeschlag mit hohen Anzugskräften
- **vibrationsfest !** - ideal für Tischkonstruktionen
- kompletter Beschlag aus Stahl
- einsetzbar ab 15 mm Plattenstärke
- kein Leim oder Dübel notwendig
- Kein seitliches Verschieben möglich
- Überdurchschnittlich hohe Festigkeitswerte

**specification**

- Connecting fitting with high tightening forces
- **vibration resistant !** – can be used as table connector
- Fitting made of steel
- suitable for 15 mm board thickness
- no need for additional glue or dowel
- No side movements
- Higher than average rate of firmness



**PV Gehrungsverbinder einseitig, Dübel  $\varnothing 7$  mm**

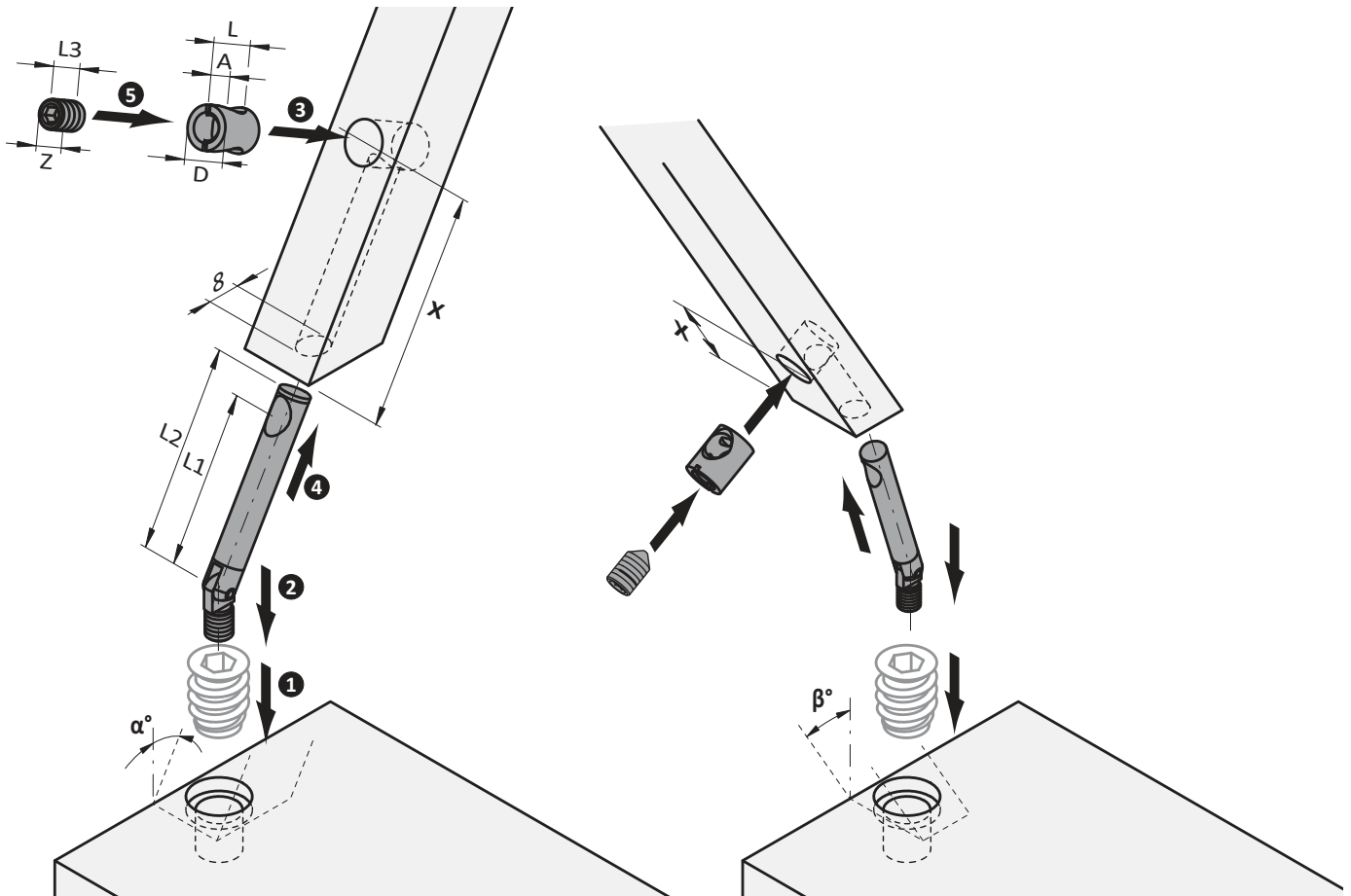
bestehend aus:

- Stahl-Gehäuse Typ PV  $\varnothing 10$  mm plus Gewindestift SW3, PZ2
- Gelenkdübel einseitig PV  $\varnothing 7$  mm
- Gewindemuffe M6

**PV Angled connector one sided, steel dowel  $\varnothing 7$  mm**

Consisted of:

- Steel housing PV  $\varnothing 10$  mm plus grub screw SW3, PZ2
- Angled dowel one sided PV  $\varnothing 7$  mm
- Steel socket M6



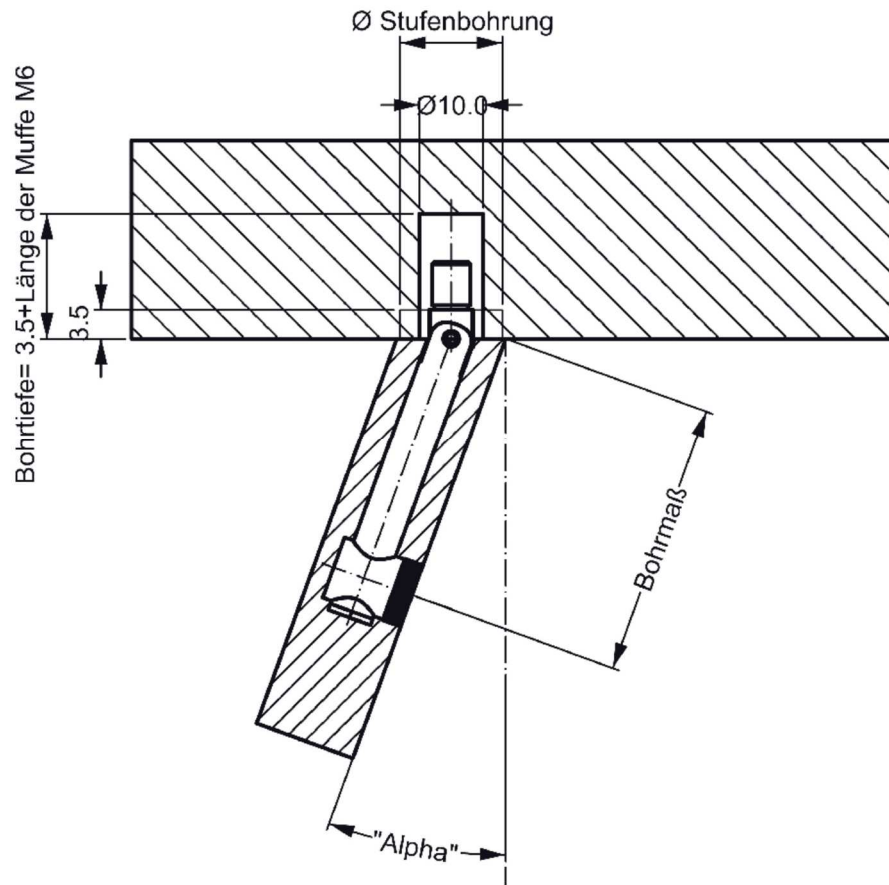
Gehäuse / housing						Gewindestift / grub screw				Gelenkdübel / angled dowel				
Artikel-Nr. order-nr.	Material M	L	A	D	VE PU	Artikel-Nr. order-nr.	L3	Z	VE PU	Artikel-Nr. order-nr.	$\varnothing$	L1	B/B	VE PU
D01020	16	12	8,0	10	200	D01024 / 34	8	PZ / ISK	100	D01041	7	43,0	49,0	25
D01021	19	14	9,5	10	200	D01024 / 34	8	PZ / ISK	100					
D01030	19	14	9,5	10	200	D01032 / 37	8	PZ / ISK	100					
D01022	23	16	11,5	10	200	D01024 / 34	8	PZ / ISK	100					
D01031	23	16	11,5	10	200	D01032 / 37	8	PZ / ISK	100					
D01023	32	21	16,0	10	200	D01024 / 34	8	PZ / ISK	100					
D02000	16	12	8,0	12	200	D02003	8	ISK	100					
D02001	19	14	9,5	12	200	D02003	8	ISK	100					

**Hinweis / Please advice**

Alle Abmessungen in mm, M Materialstärke / All dimensions in mm, M board thickness

Bohrabstand X siehe Bohrtabelle / Drilling distance X in drilling chart

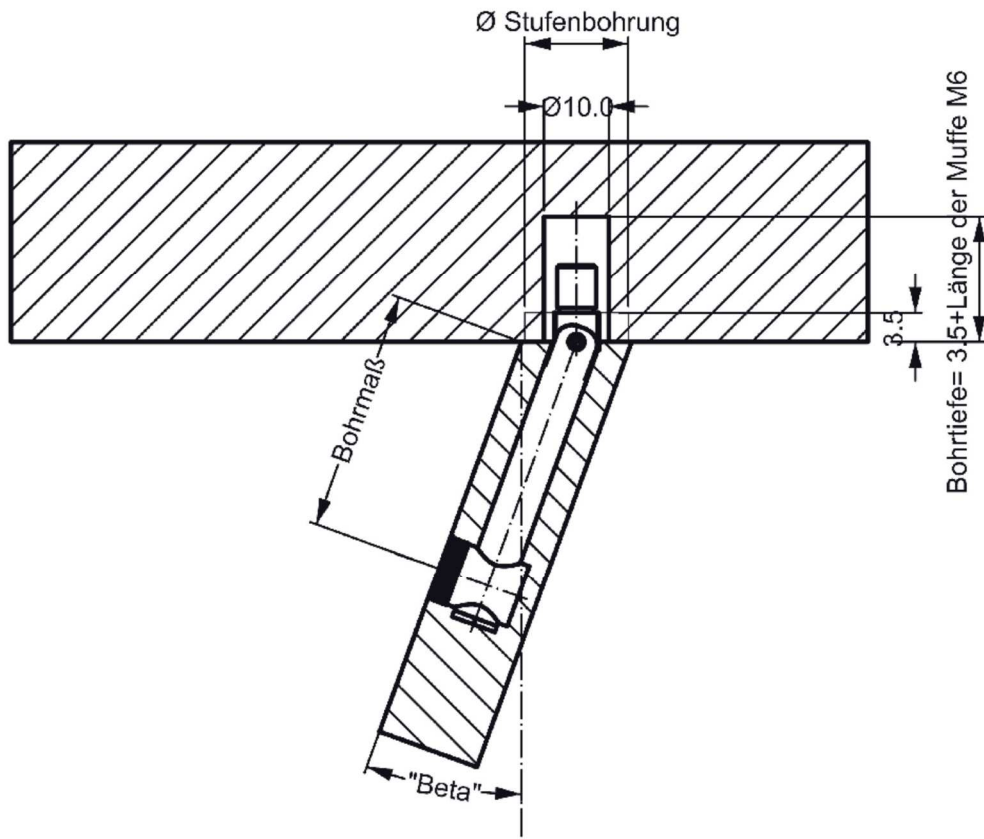
Oberfläche vernickelt / surface nickel plated



Winkel $\alpha$	ALPHA Plattenstärke / board thickness (mm)										Stufenbohrung $\phi$
Angel $\alpha$	16,0	18,0	19,0	22,0	23,0	25,0	28,0	29,0	31,0	33,0	2-step-drilling $\phi$
0°	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	keine/no
5°	40,5	41,0	41,0	41,0	41,0	41,0	41,0	41,5	41,5	41,5	keine/no
10°	41,5	41,5	41,5	42,0	42,0	42,0	42,5	42,5	42,5	41,5	keine/no
15°	42,0	42,5	42,5	43,0	43,0	43,5	44,0	44,0	44,0	43,0	keine/no
20°	43,0	43,5	43,5	44,0	44,0	44,5	45,0	45,5	45,5	44,5	keine/no
25°	43,5	44,0	44,5	45,0	45,5	46,0	46,5	47,0	47,0	46,0	keine/no
30°	44,5	45,0	45,5	46,5	46,5	47,0	48,0	48,5	49,0	47,5	keine/no
35°	45,5	46,5	46,5	47,5	48,0	49,0	50,0	50,0	51,0	49,5	keine/no
40°	46,5	47,5	48,0	49,0	49,5	50,5	51,5	52,0	53,0	51,5	keine/no
45°	48,0	49,0	49,5	51,0	51,5	52,5	54,0	54,5	55,5	54,0	keine/no
50°	49,5	50,5	51,5	53,0	53,5	55,0	46,5	57,5	58,5	56,5	keine/no
55°	54,5	53,0	53,5	55,5	45,5	58,0	60,0	60,5	62,0	59,5	12,0
60°	54,0	55,5	56,5	59,0	60,0	61,5	64,0	65,0	67,0	63,5	14,0
65°	57,0	59,5	60,5	63,5	64,5	67,0	70,0	71,0	73,5	68,5	17,0
70°	62,0	64,5	66,0	70,0	71,5	74,5	78,5	80,0	82,5	85,5	21,0
75°	70,0	73,5	75,5	81,0	83,0	86,5	92,0	94,0	98,0	101,5	28,0

Bohrmaß "X" (theor.) in mm für Gelenkdübel einseitig  $\phi 10$  mm Toleranz: -0,5/+1,0 mm, **Ein Probeanschlag wird empfohlen!**  
 Drilling distance „X“ (theor.) in mm for Angled dowel  $\phi 10$  mm, Tolerance: -0,5/+1,0 mm, **A test with a sample is recommended!**





Winkel $\beta$	BETA Plattenstärke / board thickness (mm)										Stufenbohrung $\phi$
	16,0	18,0	19,0	22,0	23,0	25,0	28,0	29,0	31,0	33,0	2-step-drilling $\phi$
0°	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	40,0	keine/no
5°	39,5	39,0	39,0	39,0	39,0	39,0	38,5	38,5	38,5	38,5	keine/no
10°	38,5	38,5	38,5	38,0	38,0	38,0	37,5	37,5	37,5	37,0	keine/no
15°	38,0	37,5	37,5	37,0	37,0	36,5	36,0	36,0	36,0	35,5	keine/no
20°	37,0	36,5	36,5	36,0	36,0	35,5	35,0	34,5	34,5	34,0	keine/no
25°	36,5	36,0	35,5	35,0	35,5	34,0	33,5	33,0	33,0	32,5	keine/no
30°	35,5	35,0	34,5	33,5	33,5	33,0	32,0	31,5	31,0	30,5	keine/no
35°	34,5	33,5	33,5	32,5	32,0	31,0	30,0	30,0	29,0	28,5	keine/no
40°	33,5	32,5	32,0	31,0	30,5	29,5	28,5	28,0	27,0	26,0	keine/no
45°	32,0	31,0	30,5	29,0	28,5	27,5	26,0	25,5	24,5	23,5	keine/no
50°	30,5	29,5	28,5	27,0	26,5	25,0	23,5	22,5	21,5	20,5	keine/no
55°	28,5	27,0	26,5	24,5	23,5	22,0	20,0	19,5	18,0	16,5	12,0
60°	26,0	24,5	23,5	21,0	20,0	18,5	16,0	15,0	13,0	11,5	14,0
65°	23,0	20,5	19,5	16,5	15,5	13,0	10,0				17,0
70°	18,0	15,5	14,0	10,0	8,5						21,0
75°	10,0	4,5	4,5								28,0

Bohrmaß "X" (theor.) in mm für Gelenkdübel einseitig  $\phi 10$  mm Toleranz:  $-0,5/+1,0$  mm, **Ein Probeanschlag wird empfohlen!**  
 Drilling distance „X“ (theor.) in mm for Angled dowel  $\phi 10$  mm, Tolerance:  $-0,5/+1,0$  mm, **A test with a sample is recommended!**