HM BESCHLÄGE
ZACHER VERTRIEB + TECHNIK

GEMEINSAM KLIMA NEUTRAL 2030

Fon: +49 (0) 5204 - 9275098
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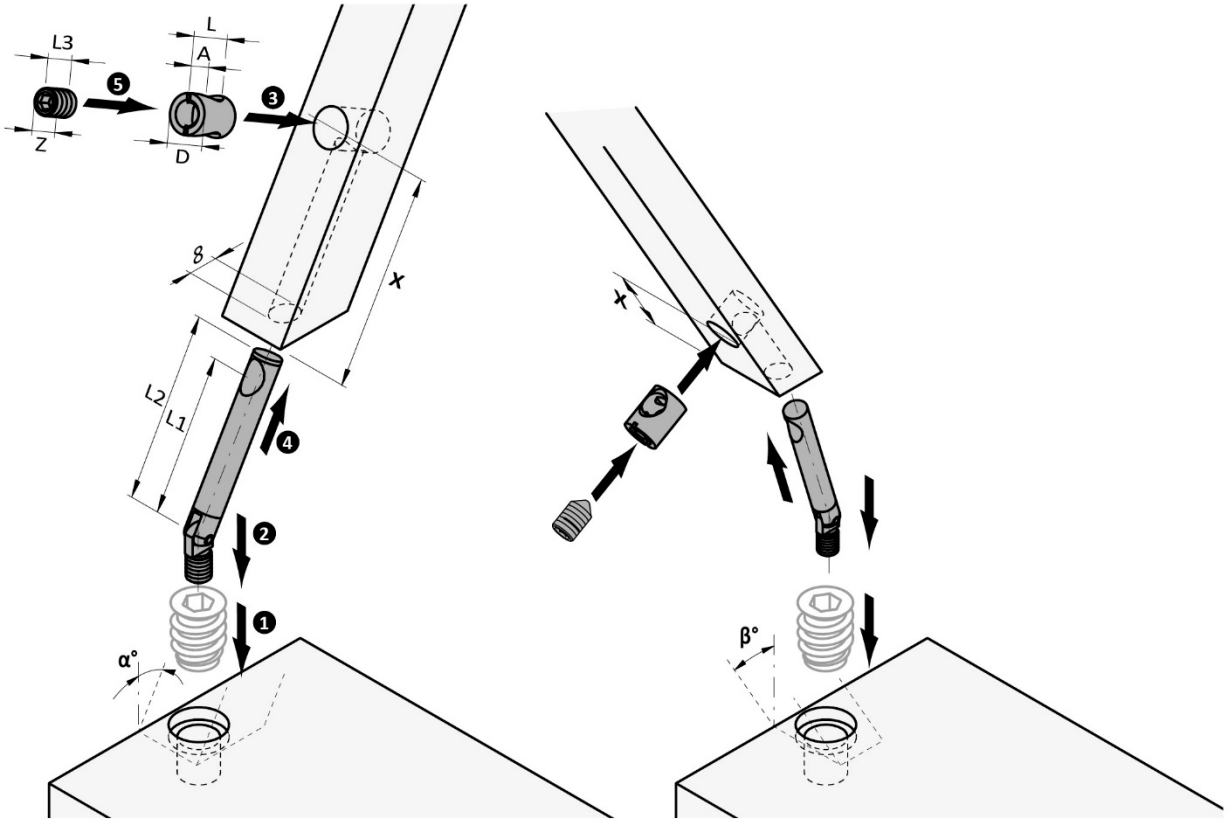
Mail: shop@hm-beschlaege.de
Web: www.hm-beschlaege.de

PV Gehrungsverbinder, einseitig, **Stahldübel ø7 mm**

PV angled connector, one sided, **steel dowel ø7 mm**

bestehend aus: PV Gehäuse ø10,0 mm, PV Gewindestift M6, ISK (Innensechskant), PV Gelenkdübel ø7,0 mm, Zubehör: Gewindemuffe M6, M8
consisting of: PV Housing ø15 mm, PV Grub Screw M6, ISK (hexagon), PV angle dowel ø7,0 mm, accessories: steel Insert M6, M8

Einbausituation / assembly drawing



Gehäuse / housing						**Gewindestift** / grub screw				**Gelenkdübel** / angled dowel				
Artikel-Nr. order-no.	Material **M**	L	A	D	VE PU	Artikel-Nr. order-no.	L3	Z	VE PU	Artikel-Nr. order-no.	ø	L1	B/B	VE PU
D01020	**16**	12	8,0	10	200	**D01024 / 34**	8	PZ / ISK	100	**D01041**	7	43	-/-	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 note
Oberfläche vernickelt / Surface nickel plated I Bohrabstand X siehe Bohrtabelle / Drilling distance X in drilling chart
M: Materialstärke; Alle Abmessungen in mm / M: Board thickness; All dimensions in mm
EURO-Direkt-Gewinde für Bohrung ø5 mm / EURO-thread for ø5 mm hole
PZ = Pozidriv, ISK = Innensechskant / hexagon

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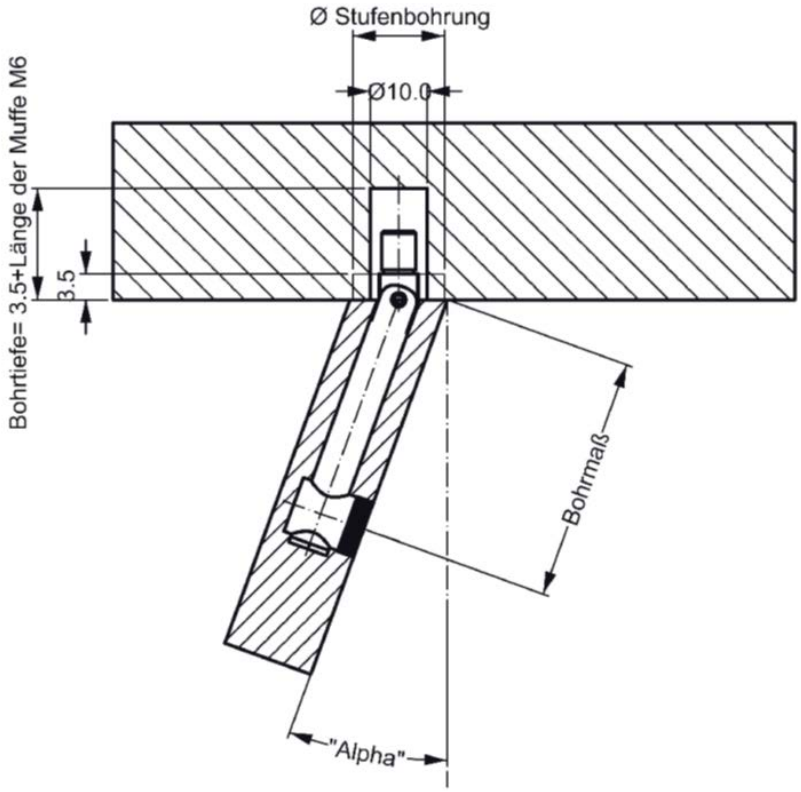
Bohrabständstabelle / drilling distance



Winkel α	ALPHA Plattenstärke / board thickness (mm)										Stufenbohrung ø
Angel α	16,0	18,0	19,0	22,0	23,0	25,0	28,0	29,0	31,0	33,0	2-step-drilling ø
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

Hinweis / Please note
Bohrmaß "X" (theor.) in mm für Gelenkdübel einseitig ø10 mm Toleranz: -0,5/+1,0 mm, Ein Probeanschlag wird empfohlen!
Drilling distance „X" (theor.) in mm for Angled dowel ø10 mm, Tolerance: -0,5/+1,0 mm, A test with a sample is recommended!

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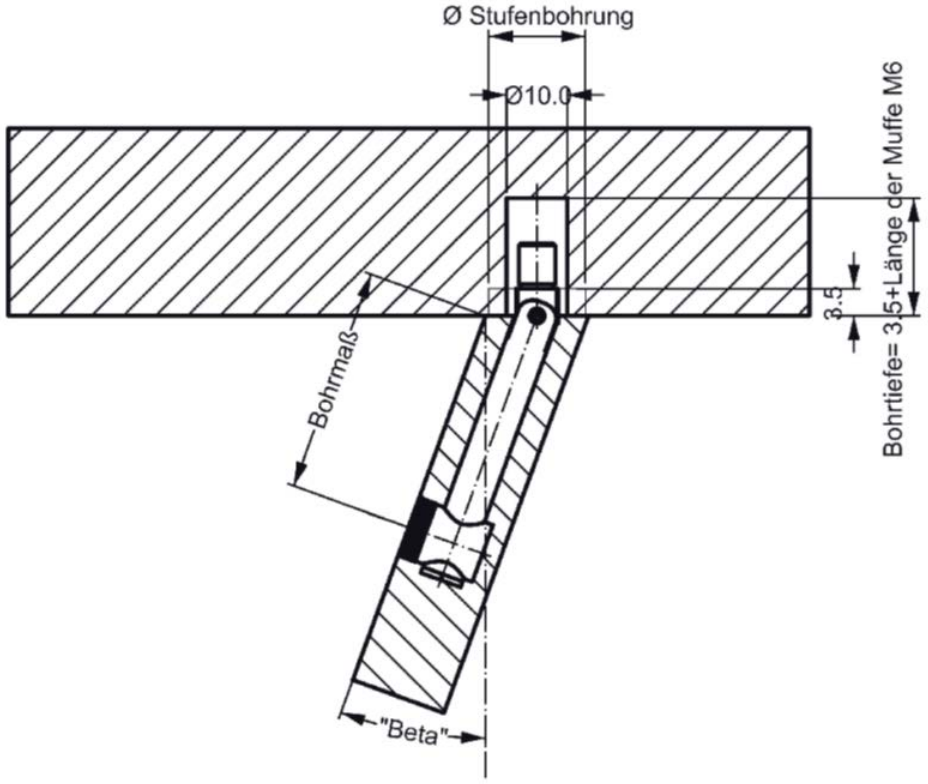
PV angled connector, one sided, **steel dowel ø7 mm**

Bohrabständstabelle / drilling distance



Winkel ß	BETA Plattenstärke / board thickness (mm)										Stufenbohrung ø
Angel ß	16,0	18,0	19,0	22,0	23,0	25,0	28,0	29,0	31,0	33,0	2-step-drilling ø
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

Hinweis / Please note
Bohrmaß "X" (theor.) in mm für Gelenkdübel einseitig ø10 mm Toleranz: -0,5/+1,0 mm, Ein Probeanschlag wird empfohlen!
Drilling distance „X" (theor.) in mm for Angled dowel ø10 mm, Tolerance: -0,5/+1,0 mm, A test with a sample is recommended!

HM-Beschläge Ihr Spezialist für innovative Möbelbeschläge, funktionellen Verbindungssystemen und sicherheitsrelevanten Bauteilen aus Metall, maßgeschneiderte Lösungen für das Profi-Handwerk und dem ambitionierten Hobbybauer.

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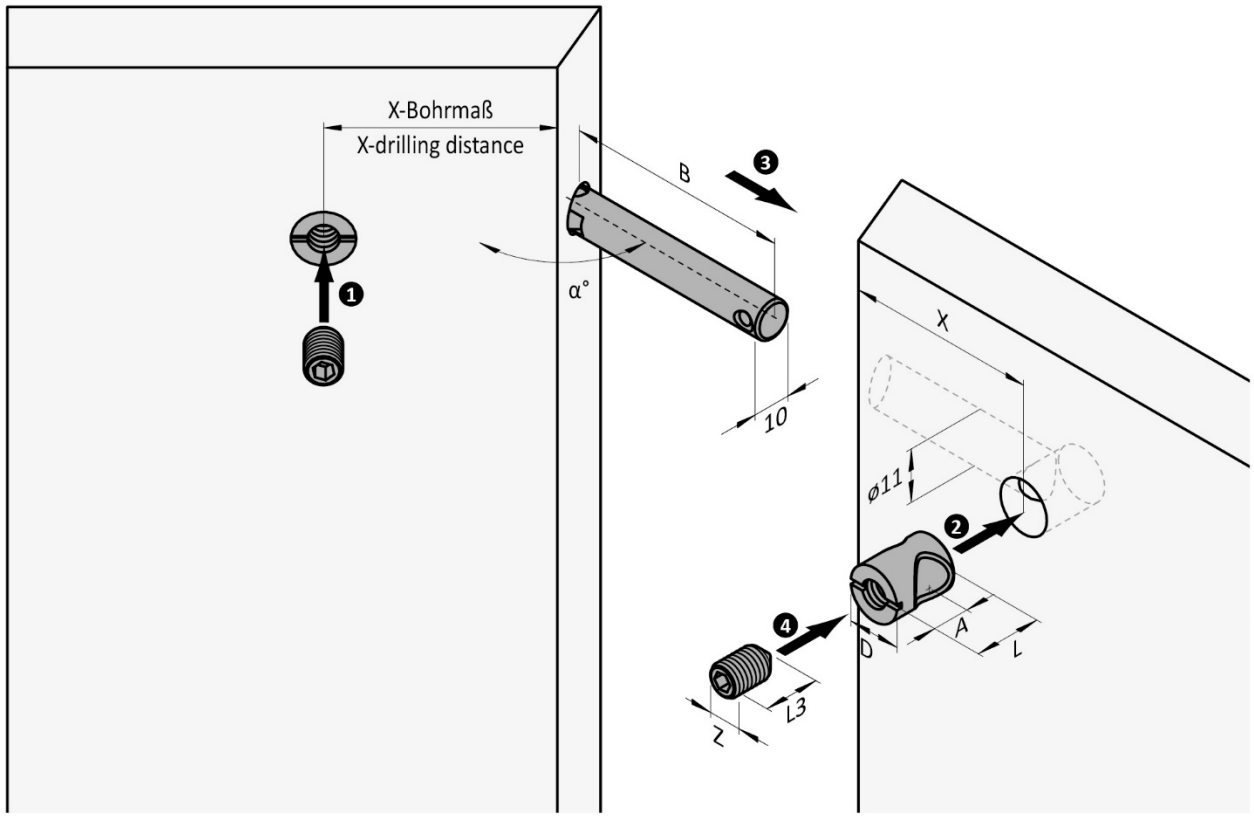

Gehäuse / housing						**Gewindestift** / grub screw				**Gelenkdübel** / angled dowel				
Artikel-Nr. order-no.	Material **M**	L	A	D	VE PU	Artikel-Nr. order-no.	L3	Z	VE PU	Artikel-Nr. order-no.	ø	L1	B/B	VE PU
D01020	**16**	12	8,0	10	200	**D01024 / 34**	8	PZ / ISK	100	D01040	7	91	39,5/39,5	25
D01021	**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 note
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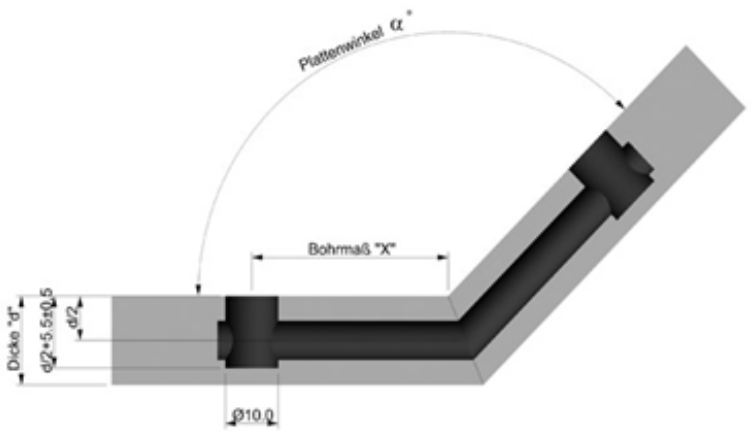
Bohrabständstabelle / drilling distance



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 α	Plattenstärke / board thickness (mm)							
Angel α	**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