



Abb.:  
75 Grad



Abb.:  
120 Grad



### Präzisions - Kegelsenker Werksnorm 75 Grad Precision - Countersink Factory - Norm 75 degrees

- 3-Schneidengeometrie
- **Satz 1 / Set 1:** ø 6,3; ø 8,3; ø 10,4; ø 12,4; ø 16,5; ø 20,5 mm
- **Satz 2 / Set 2:** ø 6,3; ø 8,3; ø 10,4; ø 12,4; ø 16,5; ø 20,5 mm; ø 25,0 mm

• 3-cutting edges-geometry

Kopf ø Head ø	Schaft Shank	mm	kleinster ø smallest ø	HSS	HSS / TIN	HSS / TIALN	HSS / Co5	HSS / Co5 / TIN	HSS / Co5 / TIALN
6,3 mm	5 mm	45	1,5 mm	⊙ 1100063	⊙ 3100063	⊙ 6100063			
8,3 mm	6 mm	50	2,0 mm	⊙ 1100083	⊙ 3100083	⊙ 6100083			
10,4 mm	6 mm	50	2,5 mm	⊙ 1100104	⊙ 3100104	⊙ 6100104			
12,4 mm	8 mm	56	2,8 mm	⊙ 1100124	⊙ 3100124	⊙ 6100124			
16,5 mm	10 mm	60	3,2 mm	⊙ 1100165	⊙ 3100165	⊙ 6100165			
20,5 mm	10 mm	63	3,5 mm	⊙ 1100205	⊙ 3100205	⊙ 6100205			
25,0 mm	10 mm	67	3,8 mm	⊙ 1100250	⊙ 3100250	⊙ 6100250			
31,0 mm	12 mm	75	4,2 mm	⊙ 1100310	⊙ 3100310	⊙ 6100310			
Satz 1 6-teilig ø 6,3 - 20,5 mm				⊙ 1100002	⊙ 3100002	⊙ 6100002			
Satz 2 7-teilig ø 6,3 - 25,0 mm				⊙ 1100003	⊙ 3100003	⊙ 6100003			

### Präzisions - Kegelsenker Werksnorm 120 Grad Precision - Countersink Factory - Norm 120 degrees

- 3-Schneidengeometrie
- **Satz 1 / Set 1:** ø 6,3; ø 8,3; ø 10,4; ø 12,4; ø 16,5; ø 20,5 mm
- **Satz 2 / Set 2:** ø 6,3; ø 8,3; ø 10,4; ø 12,4; ø 16,5; ø 20,5 mm; ø 25,0 mm

• 3-cutting edges-geometry

Kopf ø Head ø	Schaft Shank	mm	kleinster ø smallest ø	HSS	HSS / TIN	HSS / TIALN	HSS / Co5	HSS / Co5 / TIN	HSS / Co5 / TIALN
6,3 mm	5 mm	45	1,5 mm	⊙ 1110063	⊙ 3110063	⊙ 6110063			
8,3 mm	6 mm	50	2,0 mm	⊙ 1110083	⊙ 3110083	⊙ 6110083			
10,4 mm	6 mm	50	2,5 mm	⊙ 1110104	⊙ 3110104	⊙ 6110104			
12,4 mm	8 mm	54	2,8 mm	⊙ 1110124	⊙ 3110124	⊙ 6110124			
16,5 mm	10 mm	60	3,2 mm	⊙ 1110165	⊙ 3110165	⊙ 6110165			
20,5 mm	10 mm	63	3,5 mm	⊙ 1110205	⊙ 3110205	⊙ 6110205			
25,0 mm	10 mm	64	3,8 mm	⊙ 1110250	⊙ 3110250	⊙ 6110250			
30,0 mm	12 mm	70	4,2 mm	⊙ 1110300	⊙ 3110300	⊙ 6110300			
31,0 mm	12 mm	70	4,2 mm	⊙ 1110310	⊙ 3110310	⊙ 6110310			
40,0 mm	13 mm	75	6,5 mm	⊙ 1110400	⊙ 3110400	⊙ 6110400			
Satz 1 6-teilig ø 6,3 - 20,5 mm				⊙ 1110002	⊙ 3110002	⊙ 6110002			
Satz 2 7-teilig ø 6,3 - 25,0 mm				⊙ 1110003	⊙ 3110003	⊙ 6110003			



Abb.:  
60 Grad



Abb.:  
90 Grad



Abb.:  
120 Grad

## Präzisions - Kegelsenker DIN 334 A 60 Grad

Precision - Countersink DIN 334 A 60 degrees

### • 5-Schneidengeometrie

### • 5-cutting edges-geometry

Kopf ø Head ø	Schaft Shank	mm	kleinster ø smallest ø	HSS	HSS / TIN	HSS / TIALN	HSS / Co5	HSS / Co5 / TIN	HSS / Co5 / TIALN
8,0 mm	8 mm	50	2,5 mm	⊙ 1081080	⊙ 3081080	⊙ 6081080			
12,5 mm	8 mm	50	2,0 mm	⊙ 1081125	⊙ 3081125	⊙ 6081125			
16,0 mm	10 mm	60	3,2 mm	⊙ 1081160	⊙ 3081160	⊙ 6081160			
20,0 mm	10 mm	63	5,0 mm	⊙ 1081200	⊙ 3081200	⊙ 6081200			
25,0 mm	10 mm	72	7,0 mm	⊙ 1081250	⊙ 3081250	⊙ 6081250			

## Präzisions - Kegelsenker DIN 335 A 90 Grad

Precision - Countersink DIN 335 A 90 degrees

### • 5-Schneidengeometrie

### • 5-cutting edges-geometry

Kopf ø Head ø	Schaft Shank	mm	kleinster ø smallest ø	HSS	HSS / TIN	HSS / TIALN	HSS / Co5	HSS / Co5 / TIN	HSS / Co5 / TIALN
8,0 mm	8 mm	48	2,5 mm	⊙ 1080080	⊙ 3080080	⊙ 6080080			
12,5 mm	8 mm	48	2,0 mm	⊙ 1080125	⊙ 3080125	⊙ 6080125			
16,0 mm	10 mm	56	3,2 mm	⊙ 1080160	⊙ 3080160	⊙ 6080160			
20,0 mm	10 mm	60	5,0 mm	⊙ 1080200	⊙ 3080200	⊙ 6080200			
25,0 mm	12 mm	66	7,0 mm	⊙ 1080250	⊙ 3080250	⊙ 6080250			
31,5 mm	12 mm	70	9,0 mm	⊙ 1080315	⊙ 3080315	⊙ 6080315			

## Präzisions - Kegelsenker DIN 347 A 120 Grad

Precision - Countersink DIN 347 A 120 degrees

### • 5-Schneidengeometrie

### • 5-cutting edges-geometry

Kopf ø Head ø	Schaft Shank	mm	kleinster ø smallest ø	HSS	HSS / TIN	HSS / TIALN	HSS / Co5	HSS / Co5 / TIN	HSS / Co5 / TIALN
8,0 mm	8 mm	48	2,5 mm	⊙ 1082080	⊙ 3082080	⊙ 6082080			
12,5 mm	8 mm	48	2,8 mm	⊙ 1082125	⊙ 3082125	⊙ 6082125			
16,0 mm	10 mm	53	3,0 mm	⊙ 1082160	⊙ 3082160	⊙ 6082160			
20,0 mm	10 mm	61	3,5 mm	⊙ 1082200	⊙ 3082200	⊙ 6082200			
25,0 mm	10 mm	61	3,5 mm	⊙ 1082250	⊙ 3082250	⊙ 6082250			



Abb.:  
60 Grad



Abb.:  
90 Grad



Abb.:  
120 Grad

**Präzisions - Kegelsenker DIN 334 D 60 Grad mit Morsekonus**  
Precision - Countersink DIN 334 D 60 degrees with morse taper shank

• 3-Schneidengeometrie

• 3-cutting edges-geometry

Kopf ø Head ø	Schaft Shank	mm	kleinster ø smallest ø	HSS	HSS / TIN	HSS / TIALN	HSS / Co5	HSS / Co5 / TIN	HSS / Co5 / TIALN
40,0 mm	MK 3	150	12,5 mm	⊙ 1121400	⊙ 3121400	⊙ 6121400			
50,0 mm	MK 3	160	16,0 mm	⊙ 1121500	⊙ 3121500	⊙ 6121500			
63,0 mm	MK 4	190	20,0 mm	⊙ 1121630	⊙ 3121630	⊙ 6121630			

**Präzisions - Kegelsenker DIN 335 D 90 Grad mit Morsekonus**  
Precision - Countersink DIN 335 D 90 degrees with morse taper shank

• 3-Schneidengeometrie

• 3-cutting edges-geometry

Kopf ø Head ø	Schaft Shank	mm	kleinster ø smallest ø	HSS	HSS / TIN	HSS / TIALN	HSS / Co5	HSS / Co5 / TIN	HSS / Co5 / TIALN
20,5 mm	MK 2	100	3,5 mm	⊙ 1120205	⊙ 3120205	⊙ 6120205			
23,0 mm	MK 2	106	3,8 mm	⊙ 1120230	⊙ 3120230	⊙ 6120230			
25,0 mm	MK 2	106	3,8 mm	⊙ 1120250	⊙ 3120250	⊙ 6120250			
26,0 mm	MK 2	106	3,8 mm	⊙ 1120260	⊙ 3120260	⊙ 6120260			
28,0 mm	MK 2	112	4,0 mm	⊙ 1120280	⊙ 3120280	⊙ 6120280			
30,0 mm	MK 2	112	4,2 mm	⊙ 1120300	⊙ 3120300	⊙ 6120300			
31,0 mm	MK 2	112	4,2 mm	⊙ 1120310	⊙ 3120310	⊙ 6120310			
34,0 mm	MK 2	118	4,5 mm	⊙ 1120340	⊙ 3120340	⊙ 6120340			
37,0 mm	MK 2	118	4,8 mm	⊙ 1120370	⊙ 3120370	⊙ 6120370			
40,0 mm	MK 3	140	10,0 mm	⊙ 1120400	⊙ 3120400	⊙ 6120400			
50,0 mm	MK 3	150	14,0 mm	⊙ 1120500	⊙ 3120500	⊙ 6120500			
63,0 mm	MK 4	180	16,0 mm	⊙ 1120630	⊙ 3120630	⊙ 6120630			
80,0 mm	MK 4	190	22,0 mm	⊙ 1120800	⊙ 3120800	⊙ 6120800			

**Präzisions - Kegelsenker 120 Grad mit Morsekonus**  
Precision - Countersink 120 degrees with morse taper shank

• 3-Schneidengeometrie

• 3-cutting edges-geometry

Kopf ø Head ø	Schaft Shank	mm	kleinster ø smallest ø	HSS	HSS / TIN	HSS / TIALN	HSS / Co5	HSS / Co5 / TIN	HSS / Co5 / TIALN
40,0 mm	MK 3	134	10,0 mm	⊙ 1122400	⊙ 3122400	⊙ 6122400			
50,0 mm	MK 3	134	14,0 mm	⊙ 1122500	⊙ 3122500	⊙ 6122500			
63,0 mm	MK 4	175	16,0 mm	⊙ 1122630	⊙ 3122630	⊙ 6122630			