

HSSE-Kegelsenker 90° mit ungleicher Teilung					E.4650.0
					Fortsetzung Continuation
<p>                         UK HSSE countersinks 90° with unequal pitch                          PL Pogłębiacze HSSE trzyostrzowe 90°                          IT Svasatore a 90°, HSS-E, divisione irregolare                          ES Avellanadores 90°, HSSE, corte irregular                          TR HSSE Havşa Matkabi, 90°, Düzensiz Ağiz Aralıklı                          RU Зенкера трехзубые (90°), HSSE, DIN 335 форма C, универсального применения                     </p>					
d1 z9	d3	l1 +-1	d2 h9	Artikelnummer Article-No.	€ Stück / piece
16.50	3.20	60.00	10.00	E.4650.0.1650	21.20
20.50	3.50	63.00	10.00	E.4650.0.2050	29.30
25.00	3.80	67.00	10.00	E.4650.0.2500	39.70
28.00	4.00	71.00	12.00	E.4650.0.2800	54.90
30.00	4.20	71.00	12.00	E.4650.0.3000	57.70
31.00	4.20	71.00	12.00	E.4650.0.3100	58.50

HSSE-Kegelsenker 90° mit ungleicher Teilung					E.4650.1																												
<p>                         UK HSSE countersinks 90° with unequal pitch                          PL Pogłębiacze HSSE trzyostrzowe 90°                          IT Svasatore a 90°, HSS-E, divisione irregolare, rivestito                          ES Avellanadores 90°, HSSE, corte irregular                          TR HSSE Havşa Matkabi, 90°, Düzensiz Ağiz Aralıklı                          RU Зенкер трехзубый 90° (с неравным разделением), универсальный                     </p>																																	
Schnittwerte Seite 4.22 Cutting data page 4.22																																	
<table border="1"> <tr> <th>Material</th> <th>1.1</th> <th>1.2</th> <th>1.3</th> <th>1.4</th> <th>1.5</th> <th>1.6</th> <th>1.7</th> <th>1.8</th> <th>1.9</th> <th>2.1</th> <th>2.2</th> <th>3.1</th> <th>3.2</th> </tr> <tr> <td>Material</td> <td>3.3</td> <td>4.1</td> <td>4.2</td> <td>4.3</td> <td>4.4</td> <td>4.5</td> <td>4.6</td> <td>5.1</td> <td>5.2</td> <td>6.1</td> <td>6.2</td> <td>6.3</td> <td></td> </tr> </table>					Material	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.1	2.2	3.1	3.2	Material	3.3	4.1	4.2	4.3	4.4	4.5	4.6	5.1	5.2	6.1	6.2	6.3		
Material	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.1	2.2	3.1	3.2																				
Material	3.3	4.1	4.2	4.3	4.4	4.5	4.6	5.1	5.2	6.1	6.2	6.3																					
d1 z9	d3	l1 +-1	d2 h9	Artikelnummer Article-No.	€ Stück / piece																												
4.30	1.30	40.00	4.00	E.4650.1.0430	19.80																												
5.30	1.50	40.00	4.00	E.4650.1.0530	20.00																												
6.00	1.50	45.00	5.00	E.4650.1.0600	20.40																												
6.30	1.50	45.00	5.00	E.4650.1.0630	20.40																												
8.00	2.00	50.00	6.00	E.4650.1.0800	24.90																												
8.30	2.00	50.00	6.00	E.4650.1.0830	25.10																												
9.40	2.20	50.00	6.00	E.4650.1.0940	26.40																												
10.00	2.50	50.00	6.00	E.4650.1.1000	27.90																												
10.40	2.50	50.00	6.00	E.4650.1.1040	27.80																												
11.50	2.80	56.00	8.00	E.4650.1.1150	30.60																												
12.00	2.80	56.00	8.00	E.4650.1.1200	31.00																												
12.40	2.80	56.00	8.00	E.4650.1.1240	31.00																												
15.00	3.20	60.00	10.00	E.4650.1.1500	35.00																												

Fortsetzung auf Seite / Continuation on page 8

# Gewinde- schneider

## Bohrer HSS/E

### Bohrer VHM

#### Reibahlen HSS/E

#### Reibahlen VHM

#### Frässtifte HM

#### Fräser VHM

#### Sätze

#### Fräser HSSE

#### Sägen

#### Nachschleifen

#### Technik

## Senker und Reibahlen HSS / HSSE

### Kegelsenker 90° / Kegelsenker 120°

#### HSSE-Kegelsenker 90° mit ungleicher Teilung

##### E.4650.1

HSS-E

DIN 335

HA

SPEZIAL BESCHÜTTUNG SPECIAL COATING

Z=3

FORM C

90°

**Fortsetzung Continuation**

HSSE countersinks 90° with unequal pitch

Poglębaczce HSSE trzyostrzowe 90°

Svasatore a 90°, HSS-E, divisione irregolare, rivestito

Avellanadores 90°, HSSE, corte irregular

HSSE Havşa Matkabi, 90°, Düzensiz Ağız Aralıklı

Зенкера трехзубые (90°), HSSE, DIN 335 форма C, универсального применения

d1 z9	d3	l1 +/-1	d2 h9	Artikelnummer Article-No.	€ Stück / piece
16.50	3.20	60.00	10.00	E.4650.1.1650	35.50
20.50	3.50	63.00	10.00	E.4650.1.2050	46.50
25.00	3.80	67.00	10.00	E.4650.1.2500	60.50
28.00	4.00	71.00	12.00	E.4650.1.2800	81.70
30.00	4.20	71.00	12.00	E.4650.1.3000	83.00
31.00	4.20	71.00	12.00	E.4650.1.3100	83.80

#### HSSE-Kegelsenker 120°

##### E.4603.0

HSS-E

WERKS-NORM COMPANY NORM

HA

BLANK

Z=3

FORM C

120°

HSSE countersinks 120°

Poglębaczce HSSE trzyostrzowe 120°

Svasatori HSSE 120°

Avellanadores HSSE 120°

HSSE Havşa Matkabi, 90°

Зенкера трехзубые (120°), HSSE, DIN 335 форма C, универсального применения

Material	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.1	2.2	3.1	3.2
Material	3.3	4.1	4.2	4.3	4.4	4.5	4.6	5.1	5.2	6.1	6.2	6.3	

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Cutting data page 4.24

d1 z9	d3	l1	d2 h9	Artikelnummer Article-No.	€ Stück / piece
6.30	1.50	43.00	5.00	E.4603.0.0630	18.50
8.30	2.00	48.00	6.00	E.4603.0.0830	19.40
10.40	2.50	48.00	6.00	E.4603.0.1040	21.70
12.40	2.80	54.00	8.00	E.4603.0.1240	28.30
16.50	3.20	57.00	10.00	E.4603.0.1650	28.30
20.50	3.50	59.00	10.00	E.4603.0.2050	39.20
25.00	3.80	62.00	10.00	E.4603.0.2500	53.80
31.00	4.20	65.00	12.00	E.4603.0.3100	79.40