

INDIVIDUELLE BERATUNG

Stanzwerkzeuge

Ihre Vorteile mit UNIKTECH:

- **Zweit-und Drittoperation direkt auf der Maschine**
Zeit sparen – Kosten senken
- **Applikationsentwicklung**
Gemeinsam erarbeiten wir die wirklich passende Sonderwerkzeug-Lösung
- **Integration**
Hilfestellung bei Inbetriebnahme und Optimierung der Programmier-Strategie



«Ihre Stanzmaschine kann mehr als nur Löcher machen. Ich berate Sie genau nach Ihren Bedürfnissen!»




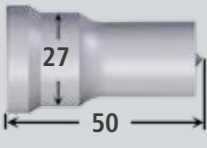
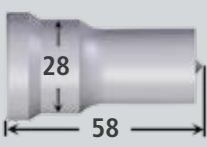
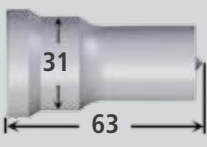
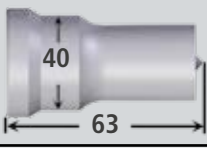
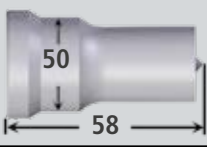
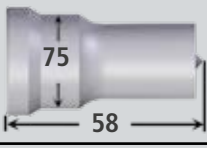
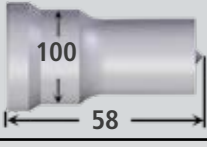
THOMAS KELLER
Anwendungsberatung



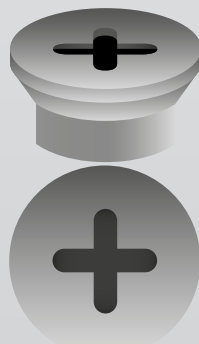
Weitere Anwendungsbeispiele unter www.uniktech.ch

Punch / Stempel

Type / Typ GEKA

Punch / Stempel			
N° 5/27 	\varnothing 3 - 27 by / von 0,5 mm	5x10 6,5x12 6,5x26 7,5x26 9x18 9x20 9x26 10x14 10x20 10x26 13x25 14x25 16x26 17x25 17x26 18x25 18x26 19x26 19x27	4 - 19 by / von 0,5 mm
N° 6 	\varnothing 3 - 28 by / von 0,5 mm	All dimensions Alle Abmessungen	4 - 19 by / von 0,5 mm
N° 8/31 	\varnothing 3 - 31 by / von 0,5 mm	5x10 5,5x14 5,5x19 5,5x25 6x12 6,5x26 7x18 7,5x21 7,5x26 7,5x30 8x16 9x14 9x18 9x26 9x30 10x14 10x20 10x26 10x30 11x22 11x26 11x30 12x24 12x30 13x20 13x26 14x26 14x31 15x31 16x25 16x26 16x31 18x26 19x31 20x31 21x31 22x31	4 - 21 by / von 0,5 mm
N° 8/40 	\varnothing 32,5 - 40 by / von 0,5 mm	11x40 13x40 (9x40) 16x40 17x40 18x40 18x40 20x40 22x40 24x40 26x40	23 - 28 by / von 0,5 mm
N° 11 GK 	\varnothing 29 - 50 by / von mm	All dimensions Alle Abmessungen Oval max. 50 Langloch max. 50	20 - 35 by / von mm
N° 12 GK 	\varnothing 51 - 75 by / von mm	All dimensions Alle Abmessungen Oval max. 75 Langloch max. 75	36 - 49 by / von mm
N° 13 GK 	\varnothing 76 - 100 by / von mm	All dimensions Alle Abmessungen Oval max. 100 Langloch max. 100	50 - 70 by / von mm

Punch / Stempel
N° 5 / 27



4 x 4 mm





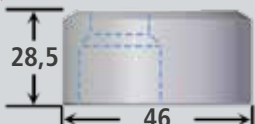











Punch / Stempel
N° 8 / 31 8 / 40



6 x 6 mm

Die / Matrizen

Type / Typ GEKA

Die / Matrizen				
N° 6 	\emptyset 3 - 30 by / von 0,5 mm 0,2 - 0,7	Same as punch N° 5/27 Gleich als Stempel N° 5/27 0,2 - 0,7	4 - 21 by / von 0,5 mm 0,2 - 0,7	
N° 13*  Offset dies / Winkelstahl-Matrize	\emptyset 3 - 20 by / von 0,5 mm 0,7	1  // Oval max. 26 Langloch max. 26 2  ⊥ 0,7		
N° 5 	\emptyset 4 - 31 by / von 0,5 mm 0,2 - 0,7	Same as punch N° 5/27 N° 8/31 Gleich als Stempel N° 5/27 N° 8/31 0,2 - 0,7	4 - 22 by / von 0,5 mm 0,2 - 0,7	
N° 14*  Offset dies / Winkelstahl-Matrize	\emptyset 3 - 20 by / von 0,5 mm 0,7	1  // Oval max. 26 Langloch max. 26 2  ⊥ 0,7		
N° 8 	\emptyset 32 - 40 by / von 0,5 mm 0,2 - 0,7	Same as punch N° 8/40 Gleich als Stempel N° 8/40 0,2 - 0,7	23 - 28 by / von 0,5 mm 0,7	
N° 10 	\emptyset 32,5 - 40 by / von 0,5 mm 0,7	Same as punch N° 8/40 Gleich als Stempel N° 8/40 0,2 - 0,7	23 - 28	
N° 11 GK 	\emptyset 29 - 50 by / von mm	All dimensions Alle Abmessungen Oval max. 50 Langloch max. 50	20 - 35 by / von mm	
N° 12 GK 	\emptyset 51 - 75 by / von mm	All dimensions Alle Abmessungen Oval max. 75 Langloch max. 75	36 - 49 by / von mm	
N° 13 GK 	\emptyset 76 - 100 by / von mm	All dimensions Alle Abmessungen Oval max. 100 Langloch max. 100	50 - 70 by / von mm	

*

	N° 13 \emptyset 46	N° 14 \emptyset 50,8
	\emptyset 3 - 20 0,2 - 0,7	\emptyset 3 - 20 0,2 - 0,7

Punch - Die / Stempel - Matrizen

Type / Typ GEKA

European lock / Schlüsselloch

B			Punch / Stempel N° 5/27* Punch / Stempel N° 8/31* Punch / Stempel N° 8/40 *Key-hole quick-change sleeve punch N° 5/27 and 8/31 *Schlüsselloch Schnellspanneinsatz Stempel N° 5/27 und 8/31	
			Die / Matrizen N° 6 Ø 46 Die / Matrizen N° 5 Ø 50,8 Die / Matrizen N° 8 Ø 60 0,2 - 0,7 mm	

Standard tools for machines / Standard Werkzeuge für Maschinen

- Microcrop, Minicrop, PP50.
- Puma 50 - 55 - 70 - 80 - 110.
- Hydracrop 50 - 55 - 70 - 80 - 110.
- Bendicrop 50 - 65 - 85.

Offset / Winkelstahl




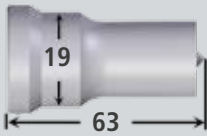
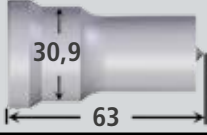
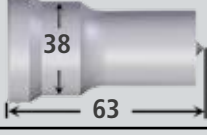
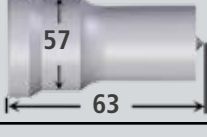
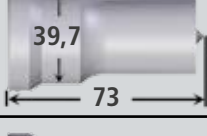
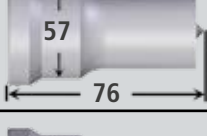




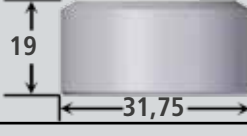
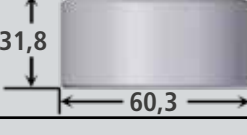
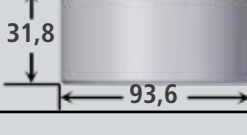
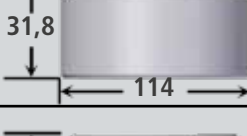

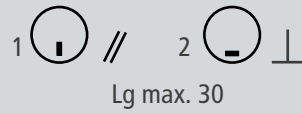
B		<p>Tangent to the body Anliegend des Körpers</p>	Punch / Stempel N° 5 / 27 Ø 4 - 20 by / von mm	Punch / Stempel N° 8 / 31 Ø 4 - 20 by / von mm	Punch / Stempel N° 8 / 40 Ø 21 - 30 by / von mm
		<p>Same as the punch Gleich als den Stempel</p>	Die / Matrizen N° 6 Ø 4 - 20 by / von mm 0,7	Die / Matrizen N° 5 Ø 4 - 20 by / von mm 0,7	Die / Matrizen N° 8 Ø 21 - 30 by / von mm 0,7

Accessories/ Zubehör






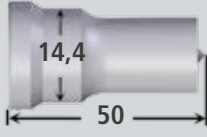
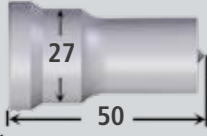
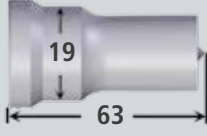
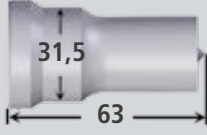
Punch - Die / Stempel - Matrizen

Type / Typ KINGSLAND

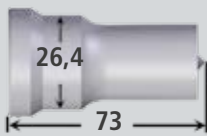
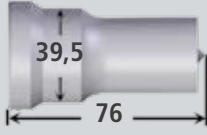
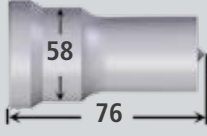
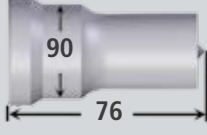
Punch / Stempel				
A	N° 9000 	Ø 4 - 19 by / von 0,5 mm		
	N° 9001 	Ø 4 - 30 by / von 0,5 mm	N° 9184 6 x 12 - 7 x 14 - 8 x 16 - 9 x 18 10 x 20 - 11 x 22 - 12 x 24 - 13 x 26 14 x 28 - 15 x 30	N° 9171 11 - 21 by / von mm
	N° 9004 	Ø 31 - 38 by / von mm	N° 9185 All dimensions Alle Abmessungen	N° 9172 20 - 26 by / von mm
	N° 9007 	Ø 39 - 57 by / von mm	N° 9188 All dimensions Alle Abmessungen	N° 9175 27 - 40 by / von mm
	N° 9006 	Ø 5 - 39 by / von mm	N° 9187 All dimensions Alle Abmessungen	N° 9174 19 - 28 by / von mm
	N° 9009 	Ø 39 - 57 by / von mm	N° 9190 All dimensions Alle Abmessungen	N° 9177 27 - 40 by / von mm
	N° 9010 	Ø 58 - 85 by / von mm	N° 9191 All dimensions Alle Abmessungen	N° 9178 41 - 60 by / von mm
Die / Matrizen				
B	N° 9020 	Ø 4 - 19 by / von 0,5 mm		
	N° 9023 	Ø 4 - 38 by / von 0,5 mm 0,2 - 0,7	N° 9221 6x12 - 7x14 - 8x16 - 9x18 - 10x20 11x22 - 12x24 - 13x26 - 14x28 - 15x30 0,2 - 0,7	N° 9213 4 - 26 by / von mm 0,7
	N° 9024 	Ø 39 - 57 by / von mm 0,2 - 0,7	N° 9222 0,2 - 0,7	129,78 N° 9214 27 - 40 by / von mm 0,7
	N° 9025 	Ø 58 - 85 by / von mm 0,2 - 0,7	N° 9223 0,2 - 0,7	142,50 N° 9215 41 - 60 by / von mm 0,7
	N° 9023E 	Ø 4 - 22 by / von mm 0,7	 Lg max. 30 0,7	
Offset dies / Winkelstahl-Matrize				

Punch / Stempel

Type / Typ PEDDINGHAUS

Punch / Stempel			
N° 1 	Ø 3 - 14 by / von 0,5 mm	5x10 5x14 5,5x10 5,5x14 6x12 6,5x12 7x14 - 7,5x14	4 - 10 by / von mm
N° 4 	Ø 8 - 27 by / von 0,5 mm	5,5x19 5,5x25 6,5x18 6,5x26 7,5x21 7,5x26 8x16 9x18 9x26 10x20 10x26 10x30 11x22 11x26 12x24 13x26 14x26 14x28 15x30 16x26 18x26	11 - 19 by / von mm 20 - 21*
N° 4 B *	Ø 27,5 - 30*		
N° 2 	Ø 3 - 19 by / von 0,5 mm	5x10 5x14 5,5x10 5,5x14 6x12 6,5x12 6,5x18 7x14 7,5x14 8x16 9x14 9x18	4 - 13 by / von mm
N° 5 	Ø 17,5 - 31,5 by / von 0,5 mm	5,5x25 6,5x26 6,5x30 7,5x21 7,5x26 7,5x30 9x26 9x30 10x20 10x26 10x30 11x22 11x26 11x30 12x24 12x30 13x26 14x26 14x28 15x30 16x26 16x31 18x26 18x31 20x31 22x31	14 - 22 by / von mm

Oversize punch, quick-change punch sleeve Ø 30,3 required / Übergröße, Schnellspanneinsatz Ø 30,3 zusätzlich erforderlich

N° 3 	Ø 5 - 26	5x10 5x14 5,5x14 5,5x19 5,5x25 6,5x12 6,5x18 6,5x26 7,5x14 7,5x21 7,5x26 8x16 9x18 9x26 10x20 11x22 11x26 12x24 13x26 14x26 16x26 18x26	8 - 18 by / von mm
N° 6 	Ø 27 - 39,5	6,5x30 7,5x30 9x30 9x35 10x30 11x30 12x30 12x35 13x30 13x35 14x28 14x35 16x31 18x31 18x36 20x31 22x31	19 - 28 by / von mm
N° 7 	Ø 40 - 58	11x40 12x40 13x40 14x50 16x55 18x55 20x40 20x55 22x44 22x55	30 - 35 - 40
N° 11 	Ø 59 - 90	All dimensions Alle Abmessungen	41 - 63


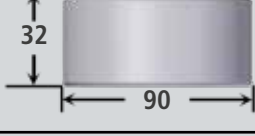
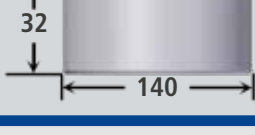
Peddinghaus equipment / Peddinghaus Ausstattung

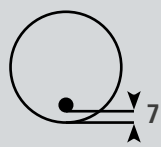
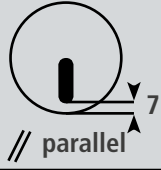
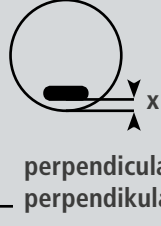
Punch / Stempel	Die / Matrizen	Machines / Maschinen
N° 1, 4, 4B	N° 2, 13	Peddicat 360, Peddiworker 400, 500, 600 et 800. Peddimaster 450M, 28/40, 40/60, 60/80, 60/100 et 80/110. Hydraulic 28, 40, 60N, 300, 400, 500, 600, 210 Super/Standard 11 et 13. Forax 15, 25, 45, 65, 150, 250, 450, Stanzfix, 225 B/11, 13, 45, 60 et 225H/11, 13.
N° 2, 5	N° 3, 14	Peddicat 361 et 380 - Peddiworker 501, 502, 801, 802 et 1000G. Peddimaster 100/160, 110/170, 800/1100 et 1100/1700. Peddimax 600, 601, 602, 800, 801, 1002 et 110/140. Hydraulic 100, 280, 301, 501, 502, 800, 1000, 1001, 210 Super 16, 20 et 210 Standard 16. Forax 80, 100, 1000, 225 B/16, 20, 80, 100 et 225H/15, 20.
N° 3, 6, 7, 11	N° 4, 6, 20	According to oversize punching attachments / Je nach Übergröße - Stanzvorrichtung

Die / Matrizen

Type / Typ PEDDINGHAUS

Die / Matrizen			
N° 2 	Ø 3 - 30 by / von 0,5 mm 0,2 - 0,7	Same as punch N° 1 and 4 Gleich als Stempel N° 1 und 4 0,2 - 0,7	4 - 21 by / von mm 0,2 - 0,7
N° 3 	Ø 3 - 32 by / von 0,5 mm 0,2 - 0,7	Same as punch N° 2 and 5 Gleich als Stempel N° 2 und 5 0,2 - 0,7	4 - 22 by / von mm 0,2 - 0,7

N° 4 	Ø 27 - 39,5 by / von 0,5 mm 0,2 - 0,7	Same as punch N° 6 Gleich als Stempel N° 6 0,2 - 0,7	19 - 28 by / von mm 0,2 - 0,7
N° 6 	Ø 40 - 65 by / von 0,5 mm 0,2 - 0,7	Same as punch N° 7 Gleich als Stempel N° 7 0,2 - 0,7	30 - 35 40 - 45 0,2 - 0,7
N° 20 	Ø 66 - 90 by / von 0,5 mm 0,2 - 0,7	Same as punch N° 11 Gleich als Stempel N° 11 0,2 - 0,7	45 - 63 by / von mm 0,2 - 0,7

	N° 13 Ø 46	N° 14 Ø 50,8
	Ø 3 - 20 0,2 - 0,7	Ø 3 - 20 0,2 - 0,7
	6 x 12 - 18 x 26 0,7 According to punch N° 1 or 4 Gemäß Stempel N° 1 oder 4	5 x 10 - 18 x 26 0,7 According to punch N° 1 or 4 Gemäß Stempel N° 1 oder 4
	6 x 12 - 18 x 26 0,7 Value of x / Größe von x 6,7 x 12,7 = 7,4 11,7 x 22,7 = 8,65 7,7 x 14,7 = 7,55 11,7 x 26,7 = 10,35 8,7 x 16,7 = 7,7 12,7 x 24,7 = 9,10 9,7 x 18,7 = 7,95 13,7 x 26,7 = 9,75 9,7 x 26,7 = 11 14,7 x 26,7 = 9,45 10,7 x 20,7 = 8,3 16,7 x 26,7 = 8,9	6 x 12 - 18 x 26 0,7 Value of x / Größe von x 6,7 x 12,7 = 7,35 11,7 x 22,7 = 8,3 7,7 x 14,7 = 7,45 11,7 x 26,7 = 9,5 8,7 x 16,7 = 7,6 12,7 x 24,7 = 8,65 9,7 x 18,7 = 7,8 13,7 x 26,7 = 9,05 9,7 x 26,7 = 10 14,7 x 26,7 = 8,8 10,7 x 20,7 = 8,05 16,7 x 26,7 = 8,35

Punch - Die / Stempel - Matrizen

Type / Typ PEDDINGHAUS

European lock / Schlüsselloch

B			Punch / Stempel N° 4*	
			Punch / Stempel N° 5*	
			Punch / Stempel N° 6	
			*Key-hole quick-change sleeve punch N° 4 and 5	
			*Schlüsselloch Schnellspanneinsatz Stempel N° 4 und 5	
			Die / Matrizen N° 2	80,60 €
			Die / Matrizen N° 3	80,60 €
			Die / Matrizen N° 4	100,94 €
			0,2 - 0,7 mm	

Offset / Winkelstahl

B			Punch / Stempel N° 4	Punch / Stempel N° 5
			Ø 4 - 20 by / von mm	Ø 4 - 20 by / von mm
			Die / Matrizen N° 2	Die / Matrizen N° 3
			Ø 4 - 20 by / von mm	Ø 4 - 20 by / von mm
			0,7	0,7

Punch - Die / Stempel - Matrizen : Peddicat 275H - Peddy - 21/16 - 36RP10







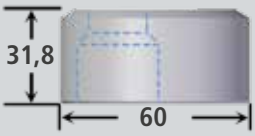


Punch / Stempel			
N° 55 	Ø 3 - 15 by / von 0,5 mm	5x10 5,5x14 6,5x12 7,5x14	4 - 10 by / von mm
N° 56 	Ø 15,5 - 30 by / von 0,5 mm	6,5x18 7,5x21 9x18 10x20 11x22 12x24 13x26 14x28	11 - 15 by / von mm

Die / Matrizen			
N° 57 	Ø 3 - 22 0,2 - 0,7	Same as punch N° 55 Gleich als Stempel N° 55	Same as punch N° 55 Gleich als Stempel N° 55
N° 3 	Ø 3 - 30 0,2 - 0,7	Same as punch N° 56 Gleich als Stempel N° 56	Same as punch N° 56 Gleich als Stempel N° 56

Punch - Die / Stempel - Matrizen




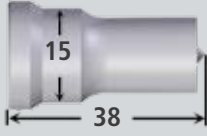
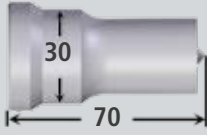
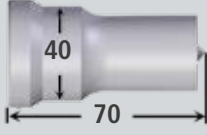
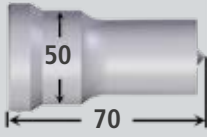
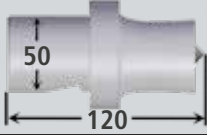


Type / Typ SAHINLER / OZBORN

Punch / Stempel					€
A	N° 206/37 	Ø 4 - 30 by / von 0,5 mm	N° 9184 6 x 12 - 7 x 14 - 8 x 16 - 9 x 18 10 x 20 - 11 x 22 - 12 x 24 - 13 x 26 14 x 28 - 15 x 30	N° 9171 11 - 21 by / von mm	
	N° 2037 	Ø 31 - 38 by / von mm	N° 9185 All dimensions Alle Abmessungen	N° 9172 20 - 26 by / von mm	
	N° 9007 	Ø 39 - 57 by / von mm	N° 9188 All dimensions Alle Abmessungen	N° 9175 27 - 40 by / von mm	
B	N° 2039 	Ø 5 - 39 by / von mm	N° 9187 All dimensions Alle Abmessungen	N° 9174 19 - 28 by / von mm	
	N° 9009 	Ø 39 - 57 by / von mm	N° 9190 All dimensions Alle Abmessungen	N° 9177 27 - 40 by / von mm	
	N° 9010 	Ø 58 - 85 by / von mm	N° 9191 All dimensions Alle Abmessungen	N° 9178 41 - 60 by / von mm	

Die / Matrizen					
B	N° SAH 9023 	Ø 4 - 38 by / von 0,5 mm	N° 9221 6x12 - 7x14 - 8x16 - 9x18 - 10x20 11x22 - 12x24 - 13x26 - 14x28 - 15x30	N° 9213 4 - 26 by / von mm	
	N° 9024 	Ø 39 - 57 by / von mm	N° 9222	N° 9214 27 - 40 by / von mm	
	N° 9025 	Ø 58 - 85 by / von mm	N° 9223	N° 9215 41 - 60 by / von mm	
	N° SAH 9023E 	Ø 4 - 22 by / von mm	1  // 2  Lg max. 30		
	Offset dies / Winkelstahl-Matrize	0,2 - 0,7	0,2 - 0,7	0,7	0,7




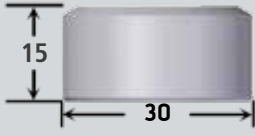


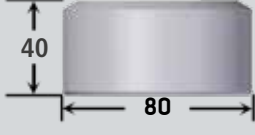


Punch / Stempel

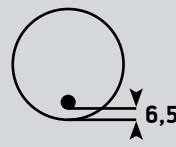
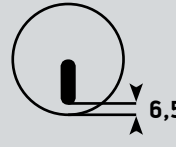
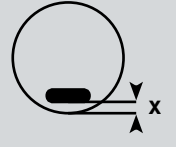
Type / Typ MUBEA - SUNRISE

Punch / Stempel					
A	N° PM1 	\varnothing 3 - 15 by / von 0,5 mm			
	N° PM2 	\varnothing 15,5 - 30 by / von 0,5 mm	5,0x10 5,0x13 5,0x15 5,0x20 5,0x25 5,5x11 5,5x13 5,5x15 5,5x20 5,5x25 6,5x13 6,5x15 6,5x20 6,5x25 6,5x30 7,0x15 7,0x20 7,0x25 7,0x30 8,0x13 8,0x16 8,0x20 8,0x25 8,0x30 9,0x13 9,5x13 9,5x15 9,5x20 9,5x25 9,5x30 10,5x15 10,5x21 10,5x25 10,5x30 11,0x15 11,0x20 11,0x25 11,0x30 12,0x20 12,0x25 12,0x30 13,0x20 13,0x25 13,0x30 13,5x20 13,5x25 13,5x30 14,0x20 14,0x25 14,0x30 15,0x25 15,0x30 16,0x25 16,0x30 17,5x25 17,5x30 18,0x30 19,0x25 19,0x30 20,5x25 20,5x30 22,5x30 24,0x30 25,5x30	4 - 21 by / von mm	
B	N° PM3 	\varnothing 30,5 - 40 by / von 0,5 mm	11,0x35 11,0x40 13,5x35 13,5x25 14,0x35 14,0x40 15,0x35 15,0x40 16,0x35 16,0x40 17,5x35 17,5x40 18,0x35 18,0x40 19,0x35 19,0x40 20,5x35 20,5x40 22,5x35 22,5x40 24,0x40 25,5x40 26,0x40 27,0x40	21,5 - 28 by / von mm	
	N° PM4 	\varnothing 40,5 - 50 by / von 0,5 mm	11,0x45 11,0x50 13,5x50 17,5x50 20,5x50 22,5x50 24,0x50 25,5x50 26,0x50 27,0x50	28,5 - 35 by / von mm	
	N° PM5 	\varnothing 50,5 - 70 by / von 0,5 mm	Oval max. 70 Langloch max. 70	36 - 50 by / von mm	
	N° PM6 	\varnothing 71 - 100 by / von 0,5 mm	Oval max. 100 Langloch max. 100	51 - 70 by / von mm	
	N° PM7 	\varnothing 101 - 150 by / von 0,5 mm	Oval max. 150 Langloch max. 150	71 - 105 by / von mm	

Die / Matrizen


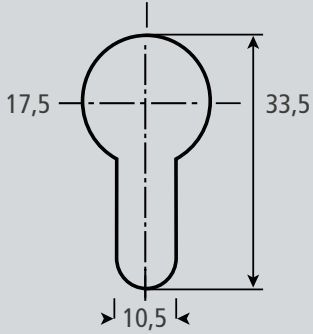

Type / Typ MUBEA - SUNRISE

Die / Matrizen			
MM 30 	\emptyset 3 - 15 by / von 0,5 mm 0,2 - 0,7		
MM 45 	\emptyset 15,5 - 30 by / von 0,5 mm 0,2 - 0,7	Same as punch N°PM2 Gleich als Stempel N°PM2 0,3 - 1	4 - 21 0,2 - 0,7
MM 60 	\emptyset 30,5 - 40 0,2 - 0,7	Same as punch N°PM3 Gleich als Stempel N°PM3 0,3 - 1	21,5 - 28
MM 80 	\emptyset 40,5 - 50 0,2 - 0,7	Same as punch N°PM4 Gleich als Stempel N°PM4 0,3 - 1	28,5 - 35 0,2 - 0,7
MM 150 	\emptyset 50,5 - 100	Oval max. 100 Langloch max. 100	36 - 70
MM 200 	\emptyset 101 - 150	Oval max. 150 Langloch max. 150	71 - 105

Offset dies / Winkelstahl-Matrize MM45D		\emptyset 3 - 20 0,7
Offset dies / Winkelstahl-Matrize MM45DOB // parallel		Same as punch N° PM2 Gleich als Stempel N° PM2 0,7
Offset dies / Winkelstahl-Matrize MM45DOB ⊥ perpendicular / perpendikular		Same as punch n° PM2 Gleich als Stempel n° PM2 0,7

Punch - Die / Stempel - Matrizen

Type / Typ MUBEA

		Punch / Stempel N° PM3 Ø 40, L 70	Standard tools for machines Standard Werkzeuge für Maschinen
		Die / Matrizen N° MM 60 Ø 60, L 30 0,2 - 0,7	KBL OPTIMA 900, KBL 20, KBL OPTIMA 20, KBL OPTIMA 100-50, KBL OPTIMA 1000, KBL 25, KBL OPTIMA 25, KBL OPTIMA 130-70, KBL OPTI- MA 1300, KL OPTIMA 900, KL 20, KL OPTIMA 100, KL OPTIMA 1100, KL 25, KL OPTIMA 130, KL OPTIMA 1300, KL 100, KL 160, KLS 1100, HIW 1000, KLSH 900, KLSH 1100, KBLH 1000, HP 1000/760.

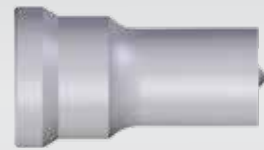
Punch reducer / Stempel Reduzierung



Punch filler
Stempelbeilage



Punch reducer PM2/PM1
Reduzierung PM2/PM1



Punch PM1
Stempel PM1

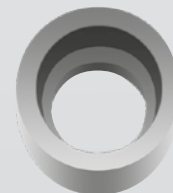
Die reducer / Reduzierung für Matrizen



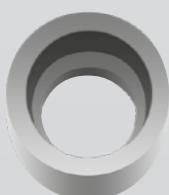
MM 45 / MM 30



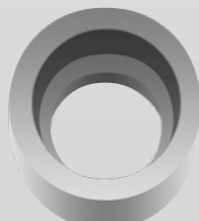
MM 60 / MM 45



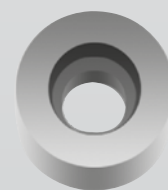
MM 60 / MM 45



MM 80 / MM 60






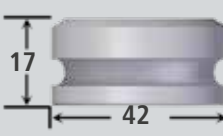
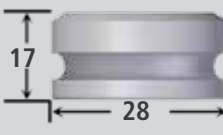
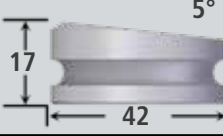



MM 80 / MM 45

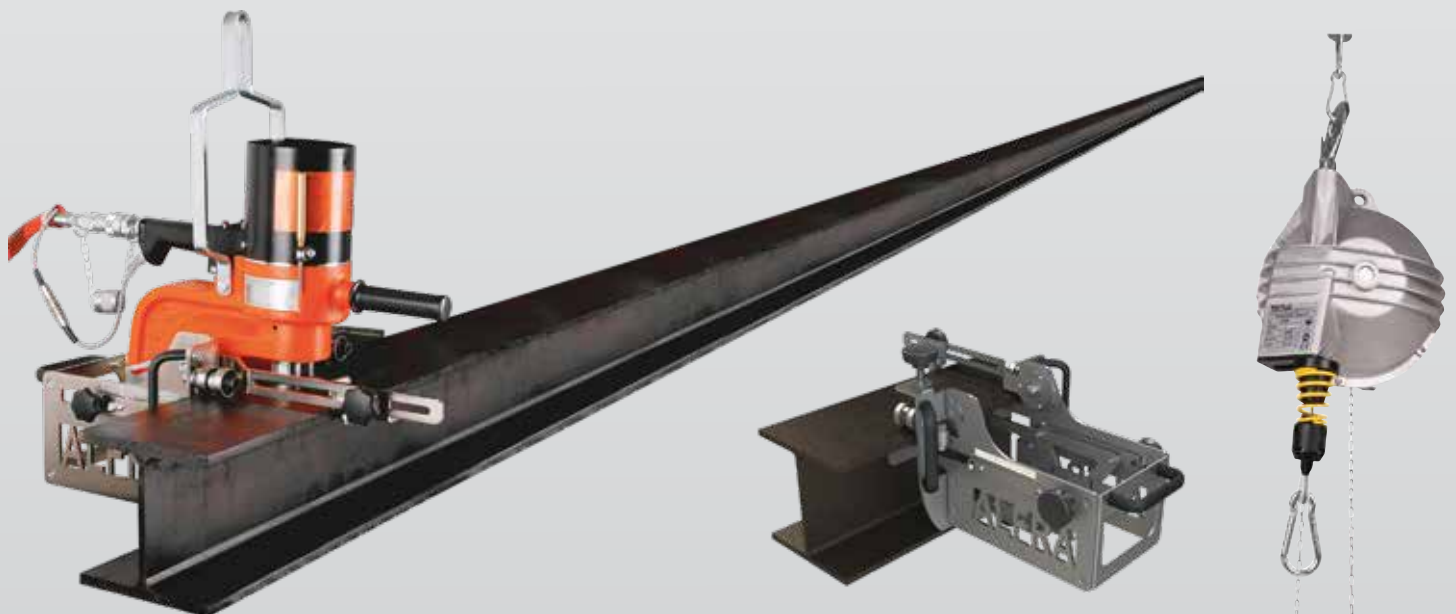


MM 80 / MM 30

Punch - Die / Stempel - Matrizen

Type / Typ ALFRA - PROMOTECH

	Punch - Die Stempel - Matrizen				
A	N° PALF 	Ø 8 - 24 Ø 25 with nut / mit Mutter		8x16 9x18 10x20 11x22 12x24 13x24 14x24 16x24 18x24 20x24	ALFRA (IMAC) (NITTO) (SELFER)
	N° MALF 	Ø 8 - 25		Same as punch N° PALF Gleich als Stempel N° PALF Standard clearance 1 mm Standard Schneidspiel 1 mm	
	N° ALFRA APS 60 	Ø 8 - 24			
		Ø 8 - 24			
B	N° PROP 	Ø 7 - 27		8x16 9x18 9x25 10x20 11x18 11x22 12x20 12x24 12x25 13x25 14x20 14x22 14x25 18x25	PROMOTECH
	N° PROM 	Ø 7 - 27		Same as punch N° PROP Gleich als Stempel N° PROP Standard clearance 1 mm Standard Schneidspiel 1 mm	
		Ø 7 - 27			



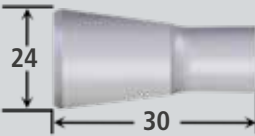
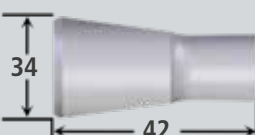


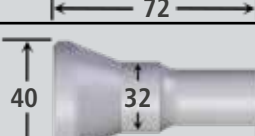

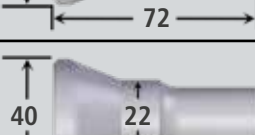
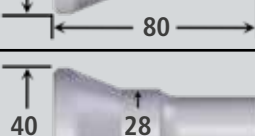
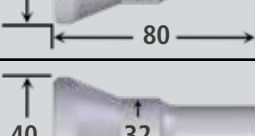




Trolley APS GO
Laufkatze APS GO

Spring balancer with safety device
Federzug mit Sicherheitseinrichtung

Punch / Stempel






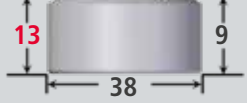
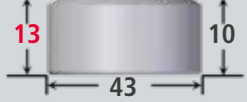
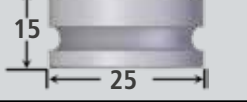
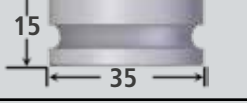
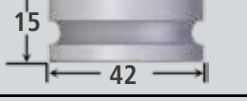
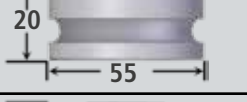


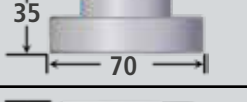
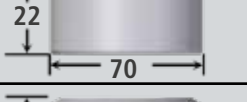
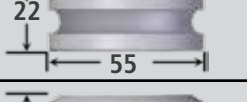
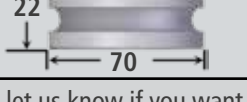
Type / Typ VERNET AUTOMATIC / AUTOMATISCH

Punch / Stempel			Model / Serie
N° 2 	Ø 8 - 18 by / von mm		PHP MAP
N° 3 	Ø 19 - 25 by / von mm	8x16 9x18 10x20 11x22 12x24	
N° 4 	Ø 26 - 32 by / von mm	13x26 14x28 15x30 16x32	
N° 5 	Ø 8 - 22 by / von mm	6x12 7x14 9x18 10x20 11x22	
N° 6 	Ø 23 - 32 by / von mm	12x24 13x26 14x28 15x30 16x32	PG 80
N° 7 	Ø 33 - 38 by / von mm	17x34 18x36	
N° 8 	Ø 8 - 22 by / von mm	6x12 7x14 8x16 9x18 10x20 11x22	PHP MAP PG116 PHA MAG
N° 9 	Ø 23 - 28 by / von mm	12x24 13x26 14x28	
N° 10 	Ø 29 - 32 by / von mm	15x30 16x32	
N° 11 	Ø 33 - 38 by / von mm	17x34 18x36 19x38	
N° 12 	Ø 39 - 50 by / von mm	20x40 22x44 24x48	

B

Die / Matrizen

Type / Typ VERNET AUTOMATIC / AUTOMATISCH




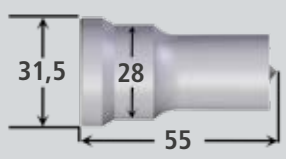
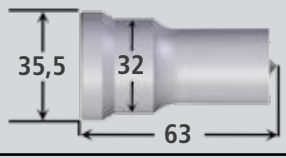
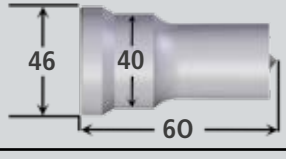
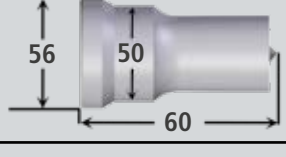
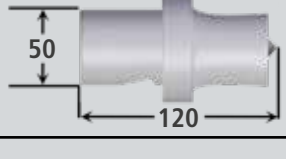
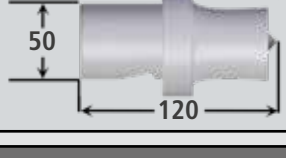



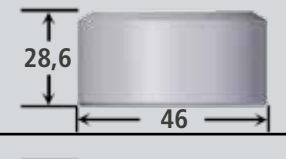

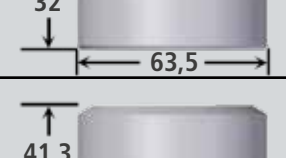

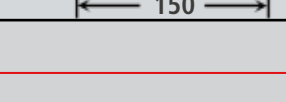
Die / Matrizen New / Neu Old / Alt			Model / Serie
N° 1 	Ø 8 - 11 by / von mm Standard clearance Standard Schneidspiel		VP
N° 2 	Ø 12 - 17 by / von mm Standard clearance Standard Schneidspiel		
N° 3 	Ø 18 - 23 by / von mm Standard clearance Standard Schneidspiel		
N° 4 	Ø 24 - 27 by / von mm Standard clearance Standard Schneidspiel		
N° 5 	Ø 28 - 32 by / von mm Standard clearance Standard Schneidspiel	9x18 10x20 11x22 12x24 13x26 14x28 15x30 16x32 Standard clearance Standard Schneidspiel	
N° 6 	Ø 8 - 11 by / von mm Standard clearance Standard Schneidspiel		PHP MAP
N° 7 	Ø 12 - 17 by / von mm Standard clearance Standard Schneidspiel		
N° 8 	Ø 18 - 25 by / von mm Standard clearance Standard Schneidspiel	9x18 10x20 11x22 12x24 Standard clearance Standard Schneidspiel	
N° 9 	Ø 26 - 32 by / von mm Standard clearance Standard Schneidspiel	13x26 14x28 15x30 16x32 Standard clearance Standard Schneidspiel	
N° 10 	Ø 8 - 22 by / von mm Standard clearance Standard Schneidspiel		PG80 PG41 PG116
N° 11 	Ø 23 - 32 by / von mm Standard clearance Standard Schneidspiel	10x20 11x22 12x24 13x26 14x28 15x30 16x32 Standard clearance Standard Schneidspiel	PG80 PG41 PG116
N° 12 	Ø 33 - 38 by / von mm Standard clearance Standard Schneidspiel		PG80
N° 13 	Ø 33 - 38 by / von mm Standard clearance Standard Schneidspiel	17x34 18x36 19x38 20x40 22x44 Standard clearance Standard Schneidspiel	PG80 PG116
N° 15 	Ø 8 - 32 by / von mm Standard clearance Standard Schneidspiel	9x18 10x20 11x22 12x24 13x26 14x28 15x30 16x32 Standard clearance Standard Schneidspiel	MAG
N° 14 	Ø 33 - 50 by / von mm Standard clearance Standard Schneidspiel	17x34 18x36 19x38 20x40 22x44 24x48 Standard clearance Standard Schneidspiel	MAG

Please, let us know if you want the **new** or old die.

Bitte geben Sie uns an ob Sie die **neuen** oder alten Matrizen benötigen.



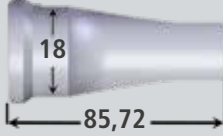













Punch - Die / Stempel - Matrizen

Type / Typ FICEP UNIVERSAL

Punch / Stempel				€		€
B	N° 1  31,5 28 55	Ø 4 - 28 by / von 0,5 mm	4x8 5x10 6x12 7x14 8x16 9x18 10x20 11x22 12x24 13x26 14x28 16x28		6 - 19 by / von mm	
	N° 2  35,5 32 63	Ø 4 - 32 by / von 0,5 mm	4x8 5x10 6x12 7x14 8x16 9x18 10x20 11x22 12x24 13x26 14x28 15x30 16x32		6 - 22 by / von mm	
	N° 3  46 40 60	Ø 29 - 40 by / von 0,5 mm	Oval max. 40 Langloch max. 40		23 - 28 by / von mm	
	N° 4  56 50 60	Ø 41 - 50 by / von 0,5 mm	Oval max. 50 Langloch max. 50		29 - 35 by / von mm	
	N° 5  50 120	Ø 51 - 70 by / von 0,5 mm	Oval max. 70 Langloch max. 70		36 - 49 by / von mm	
	N° 6  50 120	Ø 71 - 100 by / von 0,5 mm	Oval max. 100 Langloch max. 100	194,67	50 - 70 by / von mm	
Die / Matrizen						
B	N° 1  28,6 46	Ø 4 - 28 0,2 - 0,7	Same as punch N° 1 Gleich als Stempel N° 1 0,2 - 0,7		6 - 19 0,2 - 0,7	
	N° 2  25,5 50,8	Ø 4 - 32 0,2 - 0,7	Same as punch N° 2 Gleich als Stempel N° 2 0,2 - 0,7		6 - 22 0,2 - 0,7	
	N° 3  32 63,5	Ø 29 - 40 0,2 - 0,7	Oval max. 40 Langloch max. 40		23 - 28 0,2 - 0,7	
	N° 4  41,3 79,4	Ø 41 - 50 0,2 - 0,7	Oval max. 50 Langloch max. 50		29 - 35 0,2 - 0,7	
	N° 5  40 150	Ø 51 - 100 0,2 - 0,7	Oval max. 100 Langloch max. 100		36 - 70 0,2 - 0,7	



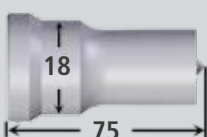
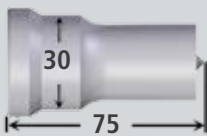
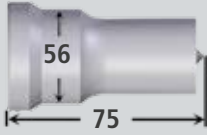
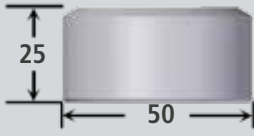

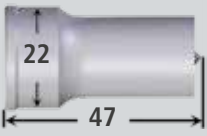
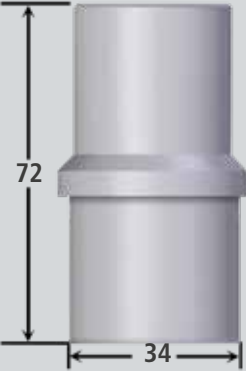
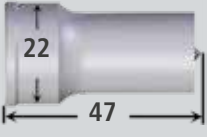
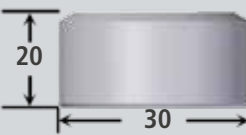
Punch - Die / Stempel - Matrizen

Type / Typ FICEP AUTOMATIC / AUTOMATISCH

Punch / Stempel				€
	N° A 21922 Ø 8 - 18			
	N° A 18788 Ø 8 - 27		N° A 21772	
	N° A 23912 Ø 8 - 30 N° A 26129 Ø 31 - 32		N° A 25717 10x30 11x30 12x30 13x30 14x30 16x30 17x30 18x30 19x30 20x30 22x30	
	N° A 23912 F Ø 8 - 22 Milled / Gefräst			
	N° A 08224 Ø 9 - 32		N° A 13289 10x30 11x30 12x30 13x30 14x30 16x30 17x30 18x30 20x30 22x30	
	N° A 22084 Ø 28 - 40		N° A 2622 10x30 11x30 12x30 13x30 14x30 16x30 17x30 18x30 19x30 20x30 22x30 24x32 26x32 22x40	
	N° A 26359 Ø 40 - 42 44 - 46		N° A 27050	
Die / Matrizen				
	N° A 12688 Ø 8 - 32 Standard clearance Standard Schneidspiel		N° A 30217 (A18048) 10x30 11x30 12x30 13x30 14x30 16x30 17x30 18x30 19x30 20x30 22x30 24x32 26x32	
	N° A 17968 Ø 8 - 22 Standard clearance Standard Schneidspiel		N° A 18048 10x30 11x30 12x30 13x30 14x30 16x30 17x30 18x30 19x30 20x30 22x30 24x32 26x32	
	N° A 21578 Ø 8 - 32 Standard clearance Standard Schneidspiel		N° A 28871 10x30 11x30 12x30 13x30 14x30 16x30 17x30 18x30 19x30 20x30 22x30 24x32 26x32 Standard clearance / Standard Schneidspiel	
	N° A 12957 Ø 8 - 46 Standard clearance Standard Schneidspiel		N° A 30218 (A27352) 10x30 11x30 12x30 13x30 14x30 16x30 17x30 18x30 19x30 20x30 22x30 24x32 26x32 22x40 Standard clearance / Standard Schneidspiel	
	A 26371 Ø 8 - 46 Standard clearance Standard Schneidspiel		N° A 27352 10x30 11x30 12x30 13x30 14x30 16x30 17x30 18x30 19x30 20x30 22x30 24x32 26x32 22x40 Standard clearance / Standard Schneidspiel	

Punch - Die / Stempel - Matrizen

Type / Typ VOORTMAN - TRAMEV

Punch - Die Stempel - Matrizen					
B	N° VPS 	Ø 6 - 18		6,5 x 12 - 10 x 14	VOORTMAN
	N° VPM 	Ø 19 - 31		9 x 26 - 22 x 31	
	N° VPL 	Ø 32 - 56		11 x 40 - 22 x 44	
	N° VMS 	Ø 6 - 31 0,2 - 0,7		6,5 x 12 - 22 x 31 0,2 - 0,7	
	N° VMM 	Ø 32 - 56 0,2 - 0,7		11 x 40 - 22 x 44 0,2 - 0,7	
B	N° PG22/60 	Ø 4 - 22		Langloch max. 22 Long. max. 22	TRAMEV (SOMMER)
	N° PG22/60 	Ø 4 - 22		Langloch max. 22 Long. max. 22	
	N° PG22/120 	Ø 4 - 22		Langloch max. 22 Long. max. 22	
	N° PG22/120 	Ø 4 - 22		Langloch max. 22 Long. max. 22	