



SELFER ACE

DOUBLE-ACTING HYDRAULIC PUNCHES

MADE IN



JAPAN

Nitto Kohki's super efficient hydraulic punching line up provides excellent cost performance for large scale punching of beams, flanges and general fabrication in both steel and stainless steel. The new Selfer Ace HS series incorporates a low profile head design to provide the most compact unit possible for the application. With punching capacities up to 24mm diameter and 25 x 18mm oblong the HS series is a must have for any serious steel fabricator.

The new HPD-05 Hydraulic Pump for the HS series punching heads incorporates twin hydraulic lines to provides far superior punching speed when compared to Nitto Kohki's previous models.

SELFERACE

**New design adopted for punching mild and stainless steel.
Inching function (manual operation) is available.**

Portable Double - Acting Hydraulic Punches

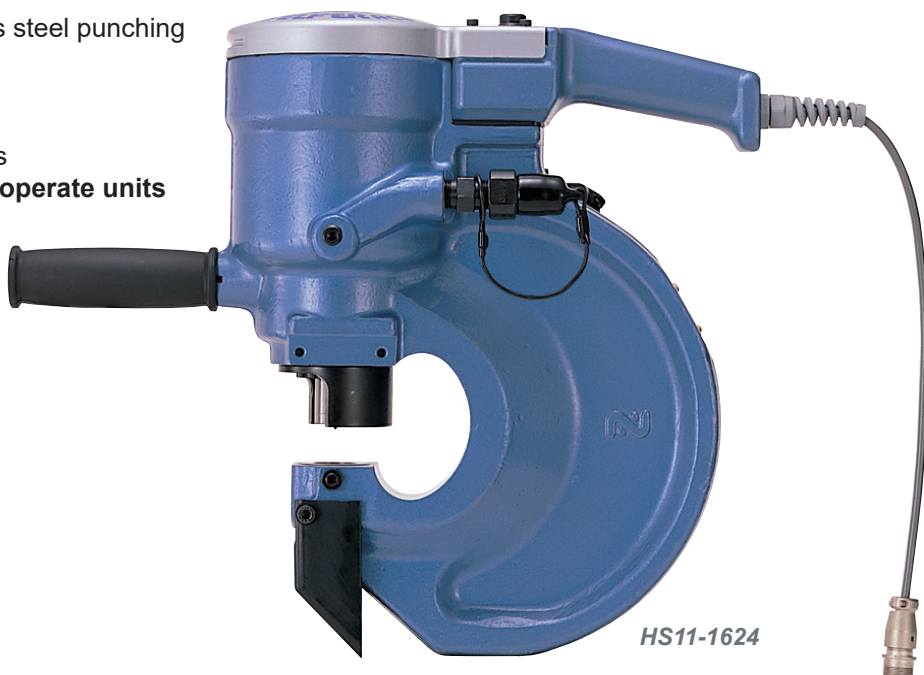
HS SERIES PUNCHES

FEATURES

- Applicable for both mild steel and stainless steel punching
- Auto return (automatic operation)
- Inching function (manual operation)
- Ideal for on-site punching
- Will punch both round and elongated holes
- **Selfer Ace Pump HPD-05 is required to operate units**



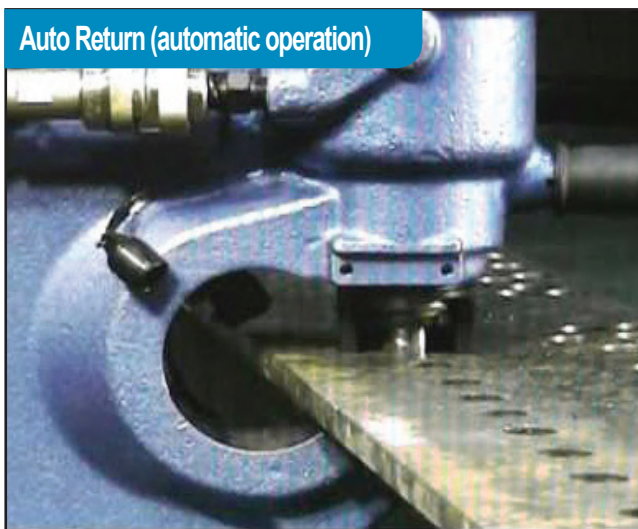
HPD-05
(see pg 40 & 41)



HS11-1624

Model No.	Punching Dia. Capacity	Max. Punching Plate Thickness		Max. Throat Depth	Weight
		Mild Steel	Stainless Steel		
HS06-1322	8-22mm	13mm	6mm	60mm	20.5kg
HS07-1624	8-24mm	16mm	6mm	70mm	25.5kg
HS11-1624	8-24mm	16mm	6mm	110mm	30.0kg

Auto Return (automatic operation)



Inching Function



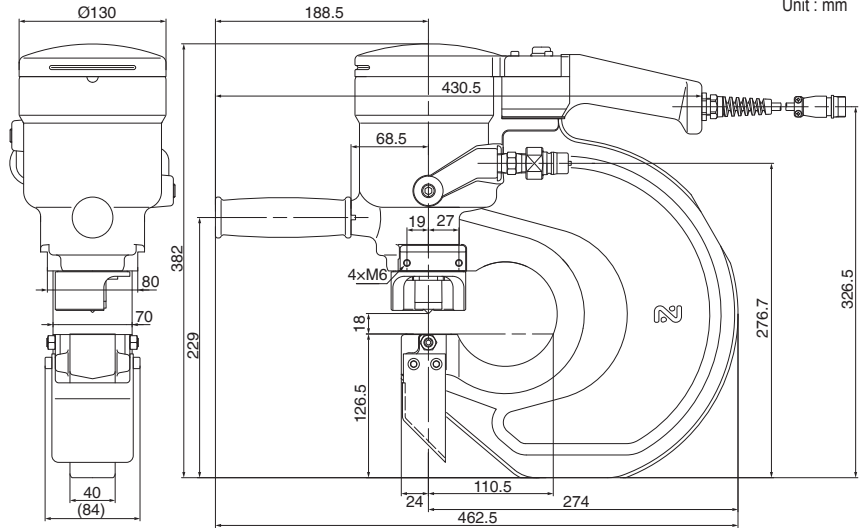
HYDRAULIC PUNCHES DIMENSIONS

HS11-1624



DIMENSIONS

HS11-1624
Unit : mm

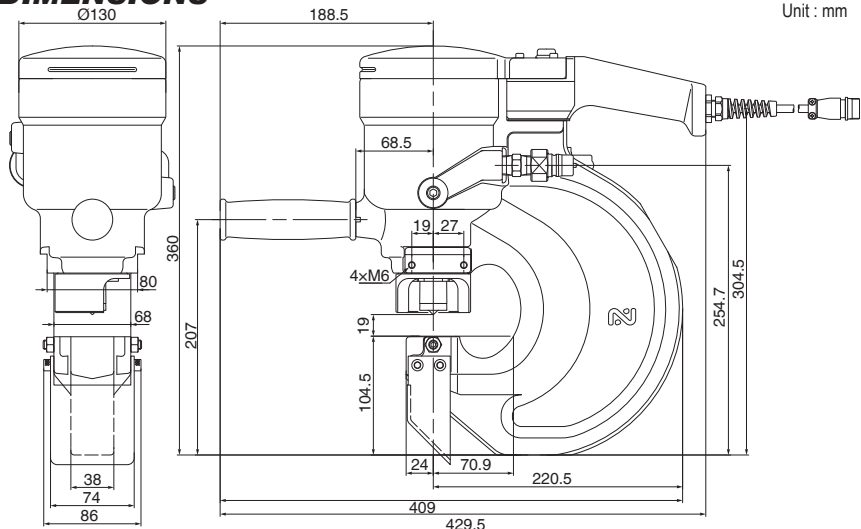


HS07-1624



DIMENSIONS

HS07-1624
Unit : mm

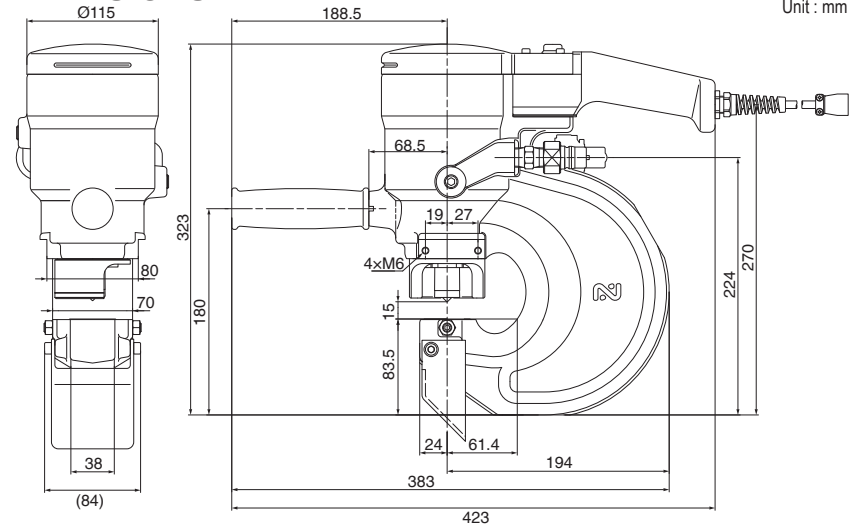


HS06-1322



DIMENSIONS

HS06-1322
Unit : mm



Specifically designed for Nitto Kohki's Selfer Ace Range - Models HS11-1624, HS07-1624, HS06-1322

HS SERIES PUMP

FEATURES

- Inching & auto return function
- Twin line hydraulics for speed and efficiency
- Selfer Ace Pump HPD-05 is required to operate Selfer Ace HS06-1322, HS07-1624 and HS11-1624

Hydraulic Lines

Hydraulic pump for the HS series punching heads incorporates twin hydraulic lines to provides far superior punching speed when compares with Nitto Kohki's previous models.

Inching Mode

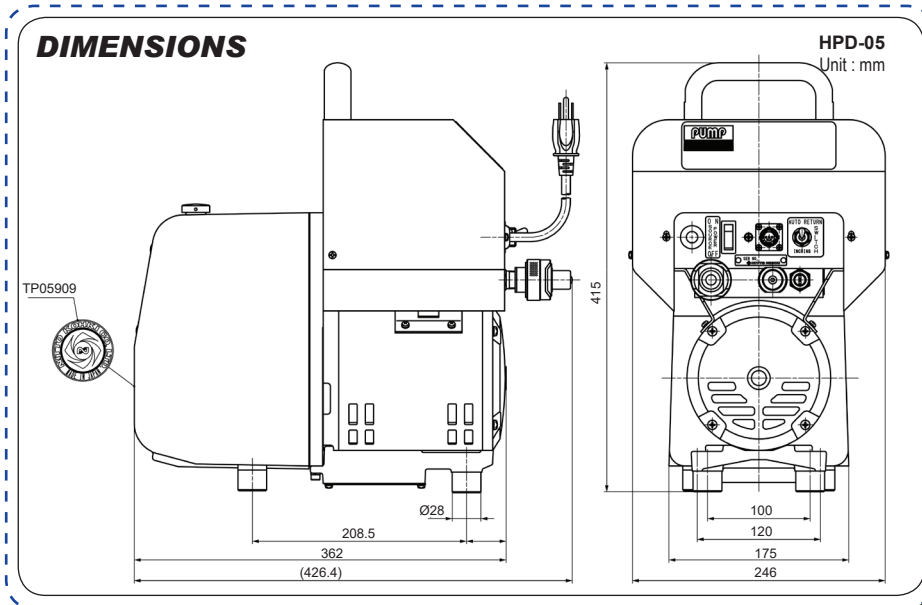
When used in the inching mode this allows the operator to only use the punching stroke required to complete the application, greatly reducing the punching cycle time.

Auto-Return

When used in the Auto-Return mode the operator can easily line up the hole position and allow the unit to complete the hole punching automatically.



HYDRAULIC PUMP DIMENSIONS



Model No.	Power Source	Max Output Pressure	Output Flow L/min		Motor	Weight
			No Load	Load		
HPD-05	240V AC	68.65 MPa (700 kg/cm ²)	1.44	0.66 (@68.65MPa)	0.4kW	32.5kg



E25-0615

FEATURES

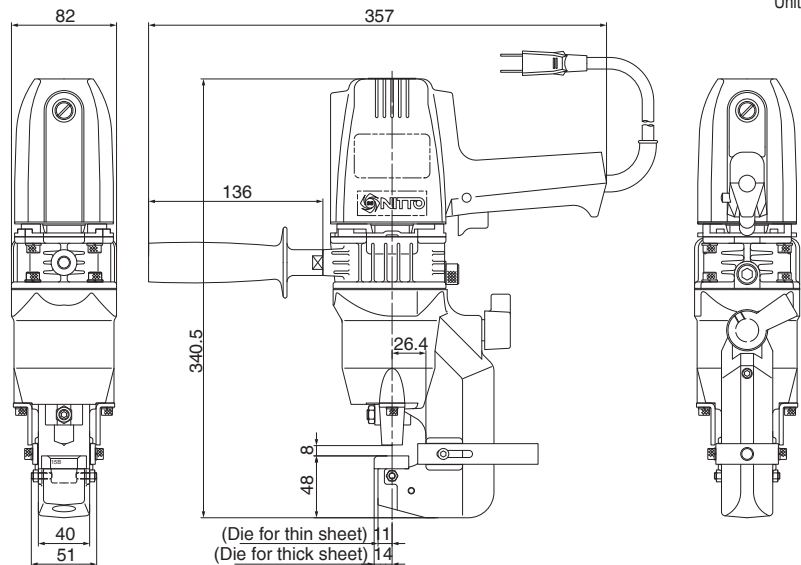
- In-built hydraulic pump
- Punches both round and elongated holes
- Maximum punching diameter 15mm thru 6mm flat plate, 4mm stainless steel and channel up to 125mm x 65mm
- 25mm throat depth
- Stand Assembly available as optional extra - TB00800



Built-in hydraulic pump shows its power in making round or elongated holes in flat bar, angle bar or channel iron

DIMENSIONS

E25-0615
Unit : mm



Model No.	Power Source	Power Consumption	Punching Dia. Capacity	Max. Punching Plate Thickness		Throat Depth	Weight
				Mild Steel	Stainless Steel		
E25-0615	220~240V AC	305W	4-15mm	6mm	4mm	25mm	7kg

ELECTRIC HYDRAULIC PUNCHES

E55-0619

FEATURES

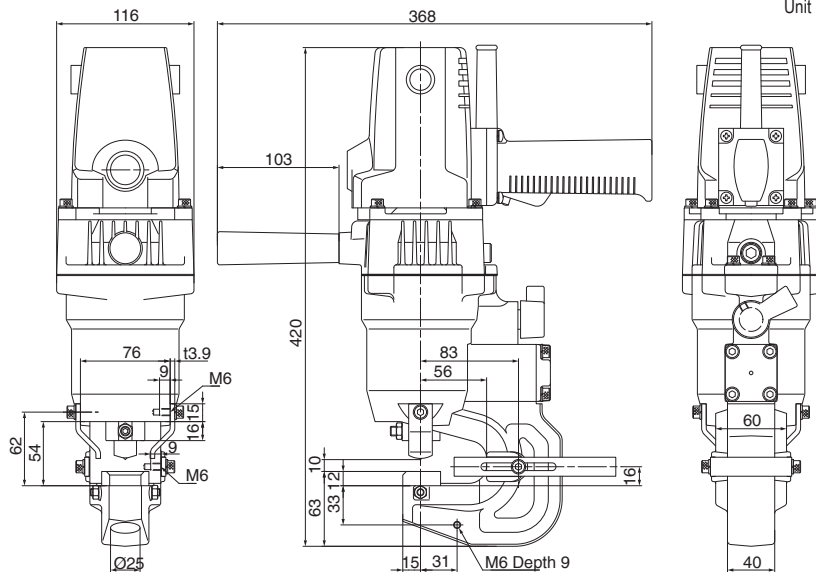
- Hydraulic pump and power motor combined in single body
- Designed for safety with input relieve valve
- Punches both round and elongated holes
- Maximum punching diameter 19mm thru 6mm flat plate, 4mm stainless steel and channel up to 125mm x 65mm
- 55mm throat depth
- Stand Assembly supplied as standard - TB00800



**Optional Accessory -
Stand Assembly (TB00800)**

DIMENSIONS

E55-0619
Unit : mm



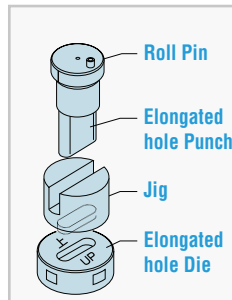
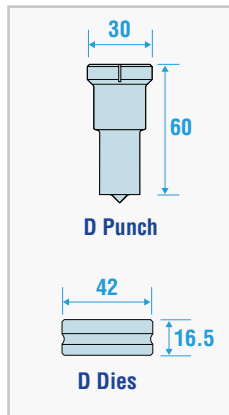
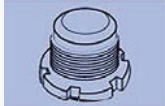
Model No.	Power Source	Power Consumption	Punching Dia. Capacity	Max. Punching Plate Thickness		Throat Depth	Weight
				Mild Steel	Stainless Steel		
E55-0619	220~240V AC	305W	6-19mm	6mm	4mm	55mm	14kg

HS06-1322, HS07-1624 and HS11-1624

Elongated Hole D Punch	Elongated Hole D Die	Elongated Hole Jig
TJ13229 D Punch 16 x 8	TJ13238 D Die 16 x 8	TK00455 Jig 16 x 8
TJ13230 D Punch 18 x 9	TJ13239 D Die 18 x 9	TK00456 Jig 18 x 9
TJ13231 D Punch 20 x 10	TJ13240 D Die 20 x 10	TK00457 Jig 20 x 10
TJ13232 D Punch 22 x 11	TJ13241 D Die 22 x 11	TK00458 Jig 22 x 11
TJ13233 D Punch 24 x 12	TJ13242 D Die 24 x 12	TK00459 Jig 24 x 12
*TJ13234 D Punch 25 x 9	TJ13243 D Die 25 x 9	TK00460 Jig 25 x 9
*TJ13235 D Punch 25 x 12	TJ13244 D Die 25 x 12	TK00461 Jig 25 x 12
*TJ13236 D Punch 25 x 14	TJ13245 D Die 25 x 14	TK00462 Jig 25 x 14
*TJ13237 D Punch 25 x 18	TJ13246 D Die 25 x 18	TK00463 Jig 25 x 18

Round Hole D Punch	Round Hole D Die
TJ10778 D Punch 8	TJ10779 D Die 8
TJ11088 D Punch 9	TJ11089 D Die 9
TJ06700 D Punch 10	TJ06701 D Die 10
TJ06698 D Punch 11	TJ06699 D Die 11
TJ06696 D Punch 12	TJ06697 D Die 12
TJ06694 D Punch 13	TJ06695 D Die 13
TJ06692 D Punch 14	TJ06693 D Die 14
TJ06611 D Punch 14.5	TJ06612 D Die 14.5
TJ06690 D Punch 15	TJ06691 D Die 15
TJ06688 D Punch 16	TJ06689 D Die 16
TJ06686 D Punch 17	TJ06687 D Die 17
TJ06609 D Punch 17.5	TJ06610 D Die 17.5
TJ06684 D Punch 18	TJ06685 D Die 18
TJ06682 D Punch 19	TJ06683 D Die 19
TJ06680 D Punch 20	TJ06681 D Die 20
TJ06607 D Punch 20.5	TJ06608 D Die 20.5
TJ06678 D Punch 21	TJ06679 D Die 21
TJ07979 D Punch 21.5	TJ07980 D Die 21.5
TJ06676 D Punch 22	TJ06677 D Die 22
TJ06674 D Punch 23	TJ06675 D Die 23
TJ06566 D Punch 23.5	TJ06569 D Die 23.5
TJ07748 D Punch 24	TJ07749 D Die 24
*TJ10061 D Punch 25	TJ10062 D Die 25

* NPTA99037 Lock Nut Ass'y is required for Elongated D Punch 25 x 9/12/14/18 and D Punch 25



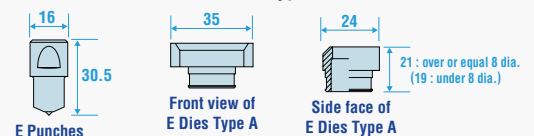
E25-0615

Round Hole E Punch	Round Hole E Die (Type A for thin sheets)	E Die (Type B for thick sheets)
TK00100 E Punch 4	TK00101 E Die 4A	-
TK00102 E Punch 5	TK00103 E Die 5A	TK00104 E Die 5B
TK00143 E Punch 5.5	TK00144 E Die 5.5A	TK00145 E Die 5.5B
TK00105 E Punch 6	TK00106 E Die 6A	TK00107 E Die 6B
TK00146 E Punch 6.5	TK00147 E Die 6.5A	TK00148 E Die 6.5B
TK00111 E Punch 8	TK00112 E Die 8A	TK00113 E Die 8B
TK00149 E Punch 8.5	TK00150 E Die 8.5A	TK00151 E Die 8.5B
TK00117 E Punch 10	TK00118 E Die 10A	TK00119 E Die 10B
TK00120 E Punch 11	TK00121 E Die 11A	TK00122 E Die 11B
TK00123 E Punch 12	TK00124 E Die 12A	TK00125 E Die 12B
TK00097 E Punch 13	TK00098 E Die 13A	TK00099 E Die 13B
TK00167 E Punch 14	TK00168 E Die 14A	TK00169 E Die 14B
TK00428 E Punch 15	TK00288 E Die 15A	TK00429 E Die 15B

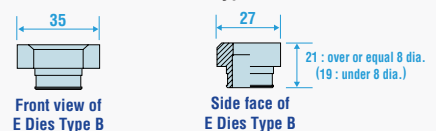
Elongated Hole E Punch	Elongated Hole E Die (Type A for thin sheets)
TK00126 E Punch 10 x 5	TK00127 E Die 10 x 5A
TK00158 E Punch 10 x 6.5	TK00159 E Die 10 x 6.5A
TK00129 E Punch 12 x 6	TK00130 E Die 12 x 6A
TK00152 E Punch 13 x 6.5	TK00153 E Die 13 x 6.5A
TK00155 E Punch 13 x 8.5	TK00156 E Die 13 x 8.5A

Elongated Hole E Die (Type B for thick sheets)
TK00128 E Die 10 x 5B
TK00160 E Die 10 x 6.5B
TK00131 E Die 12 x 6B
TK00154 E Die 13 x 6.5B
TK00157 E Die 13 x 8.5B

E Punch Type A



E Punch Type B



E55-0619

Elongated Hole E Punch	Elongated Hole E Die (Type A for thin sheets)	Elongated Hole E Die (Type B for thick sheets)
TK00242 EL Punch 10 x 6.5	TK00254 EL Die 10 x 6.5A	TK00266 EL Die 10 x 6.5B
TK00243 EL Punch 13 x 6.5	TK00255 EL Die 13 x 6.5A	TK00267 EL Die 13 x 6.5B
TK00244 EL Punch 13 x 8.5	TK00256 EL Die 13 x 8.5A	TK00268 EL Die 13 x 8.5B
TK00245 EL Punch 13.5 x 9	TK00257 EL Die 13.5 x 9A	TK00269 EL Die 13.5 x 9B
TK00246 EL Punch 15 x 10	TK00258 EL Die 15 x 10A	TK00270 EL Die 15 x 10B
TK00247 EL Punch 16.5 x 11	TK00259 EL Die 16.5 x 11A	TK00271 EL Die 16.5 x 11B
TK00248 EL Punch 17 x 8.5	TK00260 EL Die 17 x 8.5A	TK00272 EL Die 17 x 8.5B
TK00249 EL Punch 18 x 9	TK00261 EL Die 18 x 9A	TK00273 EL Die 18 x 9B
TK00250 EL Punch 18 x 12	TK00262 EL Die 18 x 12A	TK00274 EL Die 18 x 12B
TK00251 EL Punch 19.5 x 13	TK00263 EL Die 19.5 x 13A	TK00275 EL Die 19.5 x 13B
TK00252 EL Punch 20 x 10	TK00264 EL Die 20 x 10A	TK00276 EL Die 20 x 10B
TK00253 EL Punch 21 x 14	TK00265 EL Die 21 x 14A	TK00277 EL Die 21 x 14B

Round Hole EL Punch	Round Hole EL Die (Type A for thin sheets)	Round Hole EL Die (Type B for thick sheets)	Round Hole EL Die (Type C for channel iron)
TK00193 EL Punch 6	TK00208 EL Die 6A	TK00222 EL Die 6B	-
TK00194 EL Punch 6.5	TK00209 EL Die 6.5A	TK00223 EL Die 6.5B	-
TK00195 EL Punch 8	TK00210 EL Die 8A	TK00224 EL Die 8B	-
TK00196 EL Punch 8.5	TK00211 EL Die 8.5A	TK00225 EL Die 8.5B	-
TK00197 EL Punch 10	TK00212 EL Die 10A	TK00226 EL Die 10B	TK00235 EL Die 10C
TK00198 EL Punch 11	TK00213 EL Die 11A	TK00227 EL Die 11B	TK00236 EL Die 11C
TK00199 EL Punch 12	TK00214 EL Die 12A	TK00228 EL Die 12B	TK00237 EL Die 12C
TK00200 EL Punch 13	TK00215 EL Die 13A	TK00229 EL Die 13B	TK00238 EL Die 13C
TK00201 EL Punch 14	TK00216 EL Die 14A	TK00230 EL Die 14B	TK00239 EL Die 14C
TK00202 EL Punch 15	TK00217 EL Die 15A	TK00231 EL Die 15B	TK00240 EL Die 15C
TK00203 EL Punch 16	TK00218 EL Die 16A	TK00232 EL Die 16B	TK00241 EL Die 16C
TK00204 EL Punch 17	TK00219 EL Die 17A	TK00233 EL Die 17B	-
TK00205 EL Punch 18	TK00220 EL Die 18A	TK00234 EL Die 18B	-
TK00278 EL Punch 18.5	TK00279 EL Die 18.5A	TK00280 EL Die 18.5B	-
TK00180 EL Punch 19	TK00181 EL Die 19A	TK00182 EL Die 19B	-



EL Punch

