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Cam Units Short Definitions

Cam Units: In dies, by turning vertical motion of press to horizontal motion within the die, drilling - cutting - form processes are provided in dies. These cam units are standard compact design components, and grouped as die mounted / angular or aerial cam types. As well as standard cam models are suitable to many general usages, also special models are produced as per request. Also, upper casing holes can be finished (with reamer / H7). Also, plate lock systems or gas spring options may be selected. **Cam Units:** They can be connected to different angles - they can be worked at wide force and stroke ranges. **Giving 10% stroke tolerance is recommended**.

Safety and Working Conditions: Lateral loads should be avoided. Cam unit should not be exposed to dirt and burrs

(friction surfaces may get damaged). Cam Unit Nominal * To maintain repeated operation of cam unit, it should be secured to the die robustly. Code Size * Steel or die gas spring used at cam units are nnsured to bring cam to same starting point at every turn at returns. 52 * In case of any adhesion, side guide arms are with safety system to provide bringing cam to starting point. * When cam units are mounted with replaceable self-lubricating wear plates, they should be lubricated with thin oil regularly. 65 * In case of replacement of worn plates, you should be sure that all and centering elements are in their right position. DK * If necessary, technical setting should be remade and fixed. 100 Die Mounted * For technical service, you can contact with our company. Cam Units 150 ~ 300 Cam Units Group and Types: 400 ~ 600 **Cam Definition 1- Die Mounted Cams** 2 - Angular Cams 65 DAK Cam Driver **Cam Driver** 100 Angular Cam Driver **Cam Slider** Cam Units 150 **Cam Slider** AKSD 52 Cam Slider AKSCD 52 AKHTF 65 Cam Holder Cam Holder 50 Cam Holder **AKUC** 65 Aerial 80 3 - Aerial Cams 4 - Roller Cams 5 - Jointed Cams Cam Units Cam 150 Drive Cam Driver Cam Driver 65 Cam AKSUK 100 Slide **Cam Slider** 200 С **Cam Holder** AKBK 65 ~ 200 \cap 50 Cam \cap AKUG 65 Holde **Cam Holder** Aerial 80 ~ 200 Cam Units Cam products selection: You can select cam products from our catalogue according to the feature of sheet metal used in 300 your dies in production and load calculations or you can use our technical support service for this matter. AKUSL 500 ~ 1000 The main purpose in die production is to minimize die production process in terms of time and cost and to simplify the die. This simplification can only be ensured by using standard products as far as possible. In some cases, cam units may be 70 customized according to the operation conditions they will be used. In such cases, if you contact us about product selection **AKUNR** or design, we can offer solutions for you. 80 Cast casing cam type (DK02): Standard (delivery from stock). 165 ~ 400 GGG60 cast casing cam units. There are 2 models: Heat-treated and non-heat-treated cams. 52 Standard series is non-heat-treated. Heat-treated cams: Are produced from hardenable AKCD steel cast. These are cams of which friction surfaces (cam holder - slider) are 90 heat-treated. 300 - 500 grade is suitable for sheet metals press. 50 Steel casing cam type (DK01) : Order as per request. AKKP 80 Cams with mono block steel casing, of which friction surfaces (lower casing and driver) are applied heat 200 ~ 300 treatment. It has a feature to be used in die AKKSL 500 ~ 1000 400 - 650 grade and over. They work efficiently in 60 ~ 110 performance 1.5 - 2 times better than load values **AKUSV** specified in catalogue in proportion to the normal cast 165 ~ 400 type cams and they give better results in high quantity RK productions (150.00 - 200.00 pieces / year). $01 \sim 03$ In Steel Casing Cam Unit:

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01 ~ 02

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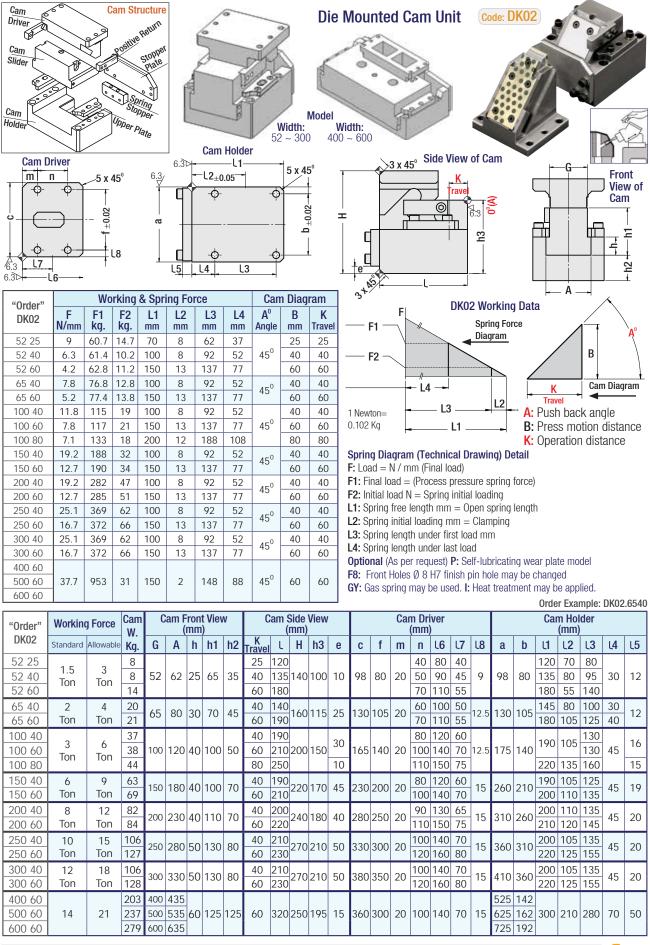
Heat treatment is applied in

shaded areas (HRC 45-55).

If periodic maintenance, cleaning and lubrication is

done, cams can press 1.000.000 pieces and over.

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