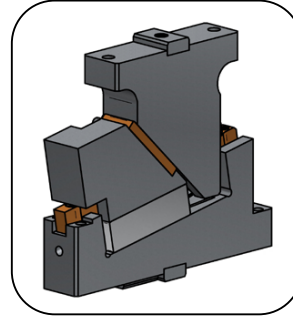




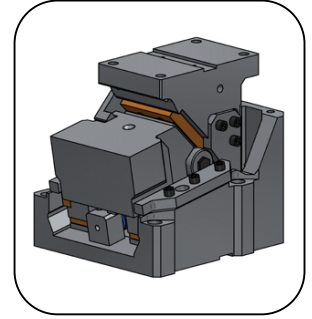
LSPJ

Die mounted cam for pierce and flange

General information



LSPJ 0050
LSPJ 0080
LSPJ 0150

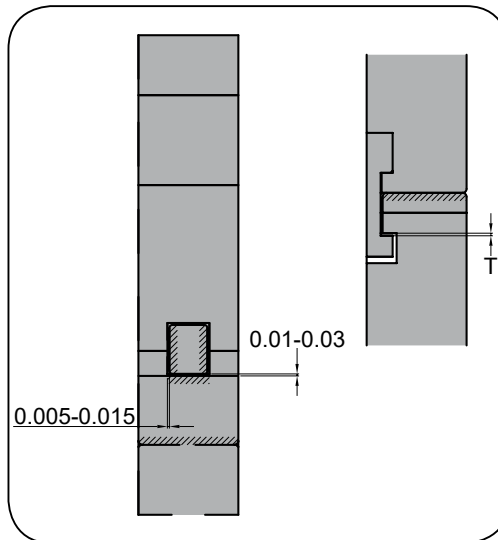


LSPJ 0200
LSPJ 0300

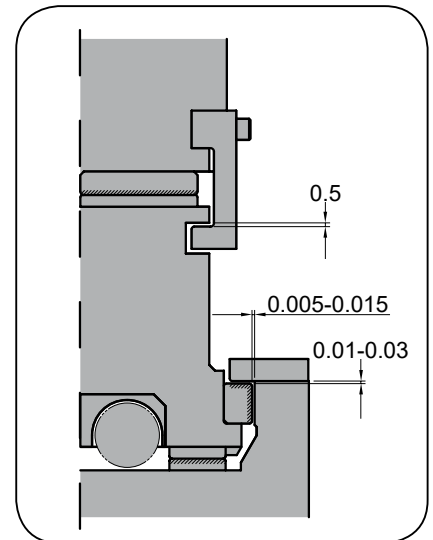
- Die mounted cam.
- Angles from 0° to 30° with increments of 5°.
- Rigid guides system.
- ISO springs are used.

Adjustment clearances

LSPJ 0050 / 0080



LSPJ 0150 / 0200 / 0300

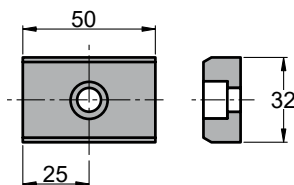


- T: 1,3 mm clearance for 50mm width and 1 mm for 80mm width.

Keys

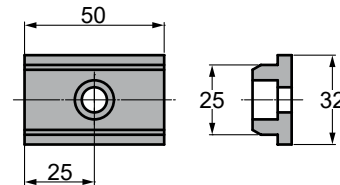
K

LSPJ 0050 / 0080 / 0150 / 0200 / 0300



KU

LSPJ 0050 / 0080 / 0150 / 0200 / 0300



LSPJ

Die mounted cam for pierce and flange

**AZOL
GAS** 

Assembling and disassembling

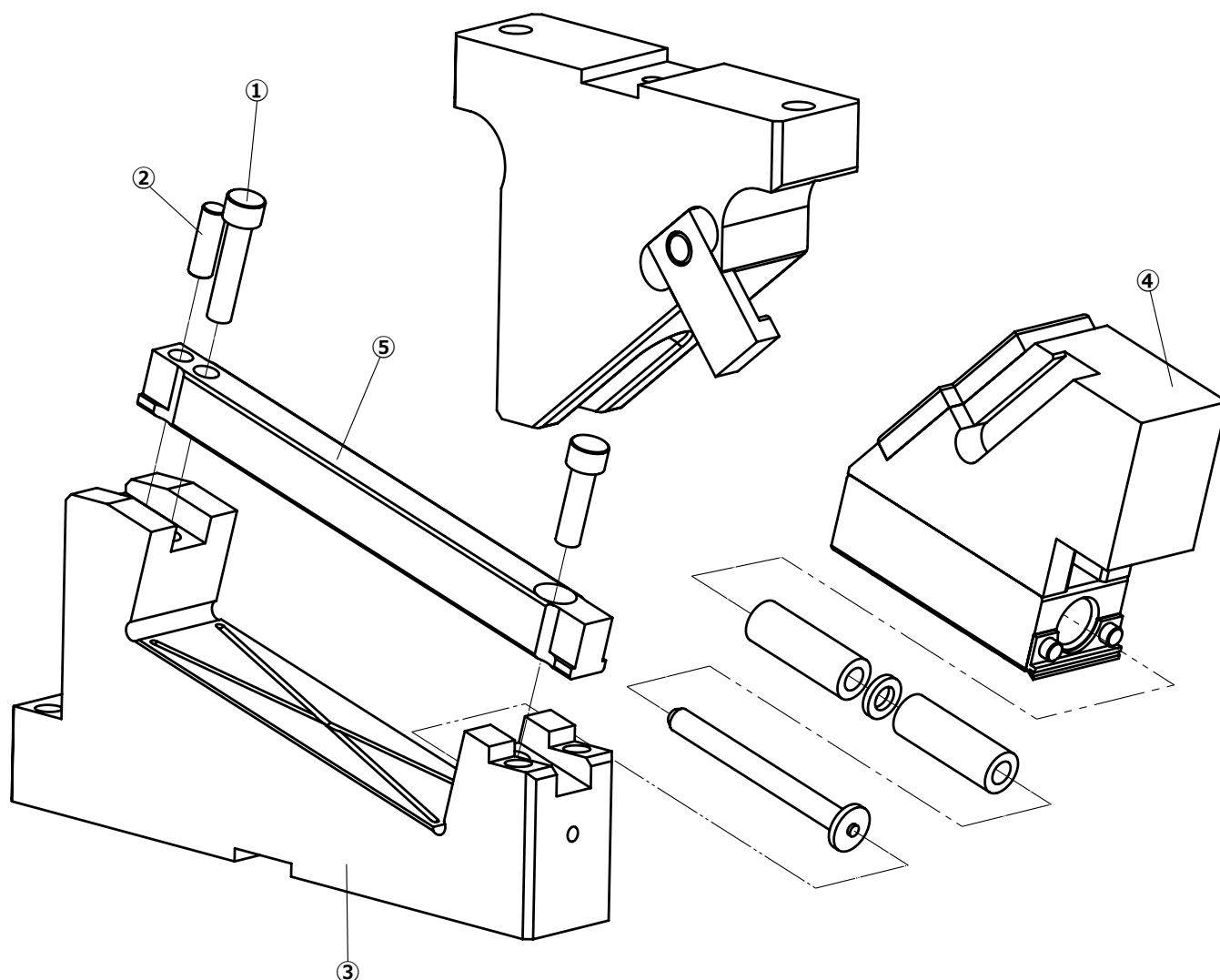
LSPJ 0050 / 0080

Disassembling process

- Unscrew ① pieces and remove the pin ②, Remove the holder ③ and guide bar ⑤ from slider ④.
- Move away the guide bar from cam holder.

Assembling process

- Make sure that there are no metal shaving or impurities.
- The clearance between the cam holder and slider is controlled.
- Match the serial numbers marked in each part before assembly.
- Make sure that all the screws have been used.



Assembling and disassembling

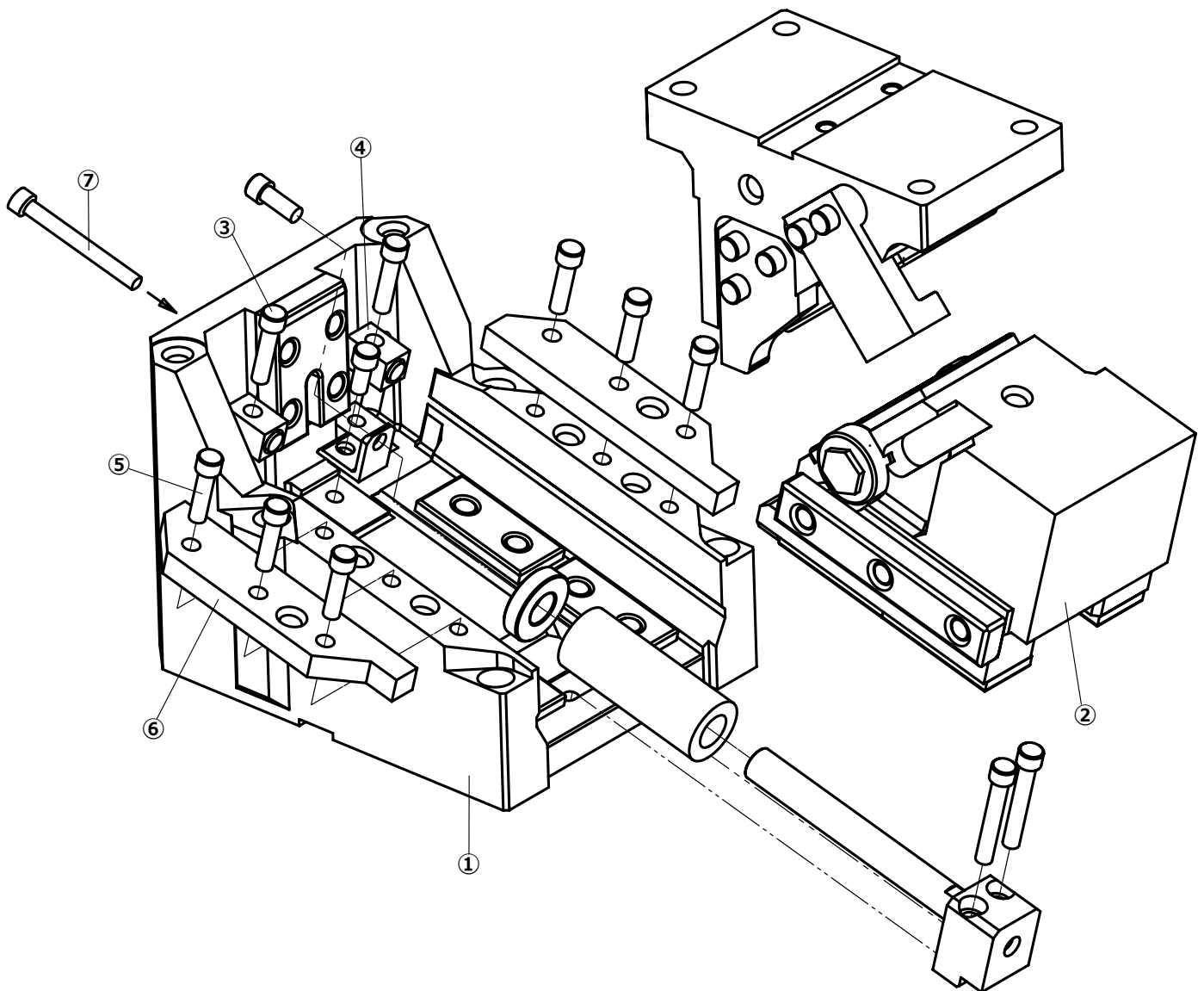
LSPJ 0150 / 0200 / 0300

Disassembling process

- Pull slider plate 20 mm, to unscrew ③ pieces and remove stoppers ④, unmount cam slider ② with the screws ⑦, unscrew ⑤ pieces and the plates ⑥.
- Move away the cam slider ② from cam holder ①.

Assembling process

- Make sure that there are no metal shaving or impurities.
- The clearance between the cam holder and slider is controlled.
- Match the serial numbers marked in each part before assembly.
- Make sure that all the screws have been used and tighten them.



LSPJ

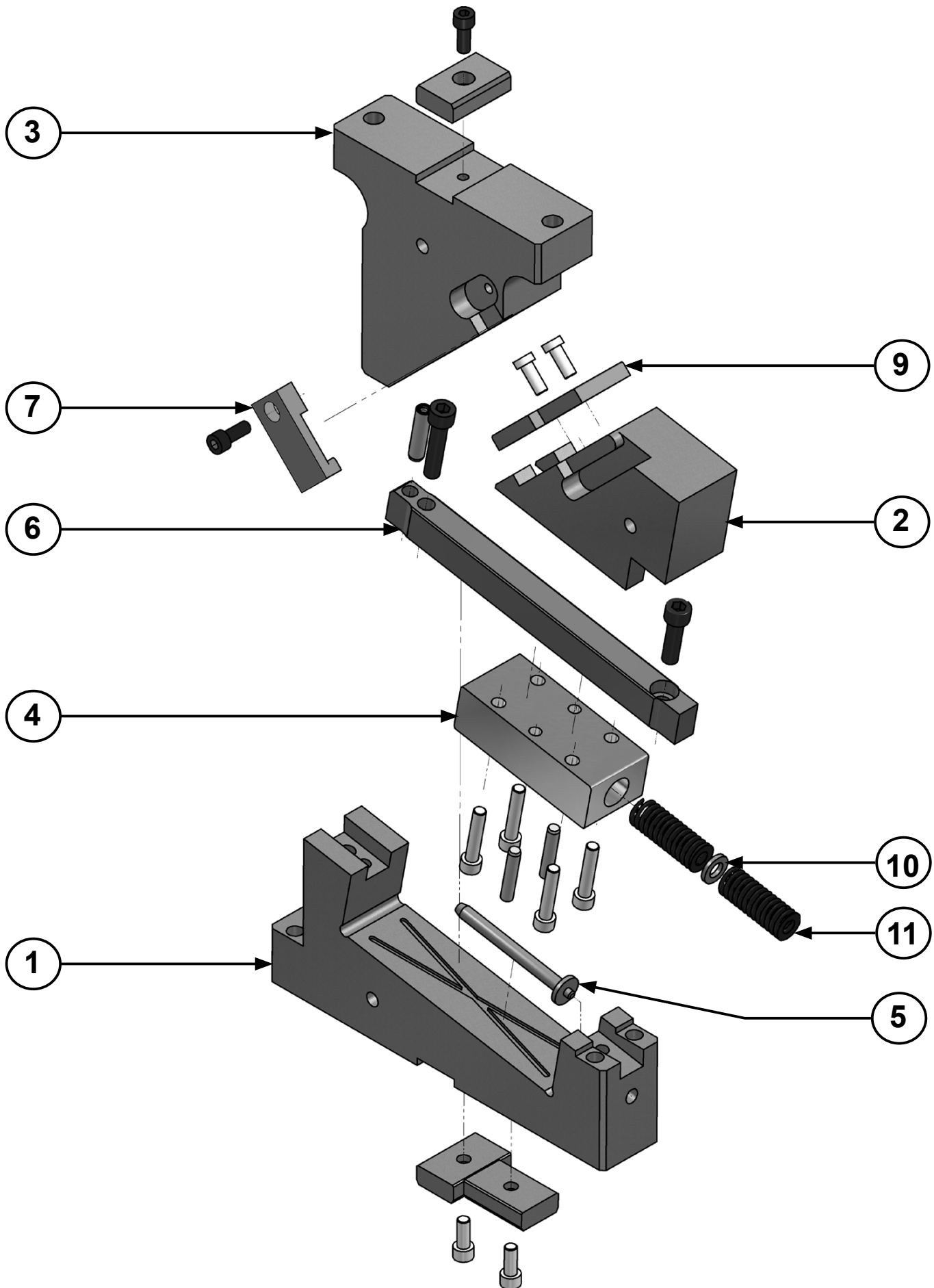
Die mounted cam for pierce and flange





LSPJ 0050

Die mounted cam for pierce and flange

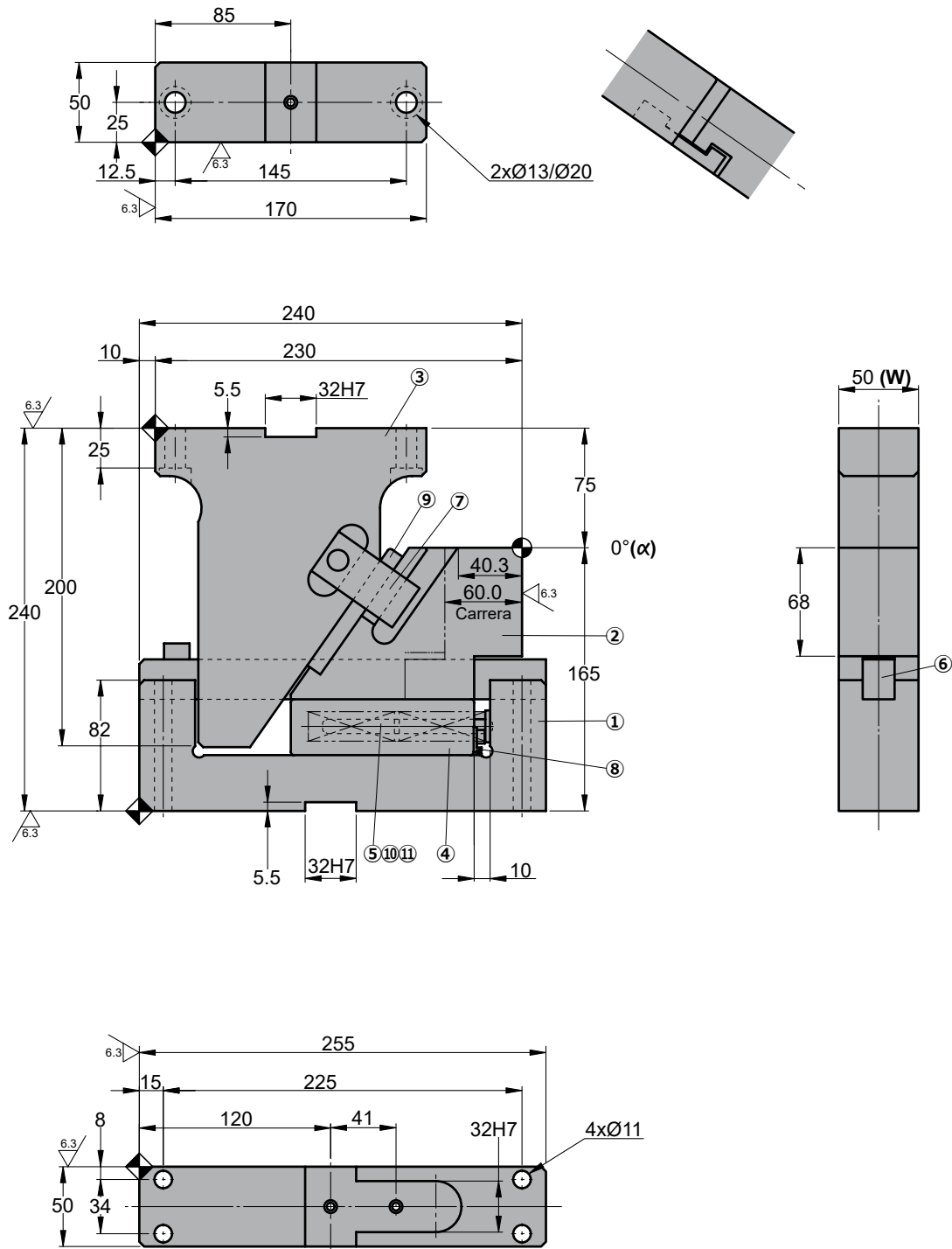


LSPJ 0050

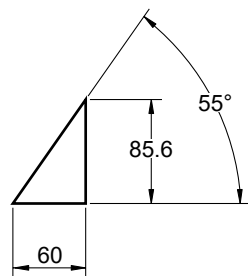
Die mounted cam for pierce and flange



LSPJ 0050 00



◦Cam diagram:



◦Disassembling space:



LSPJ 0050

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	14.7 (1.5)	84.5 (8.6)	591.5 (60.2)	17.3	LSPJ	0050	00



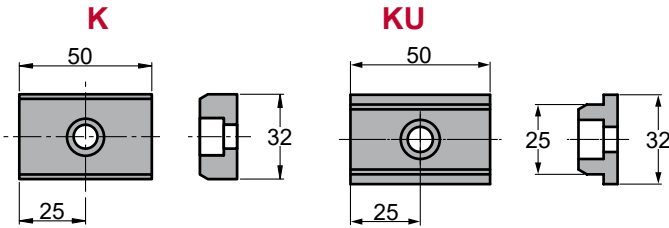
Order: Model (W) (α)

LSPJ 0050 00

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

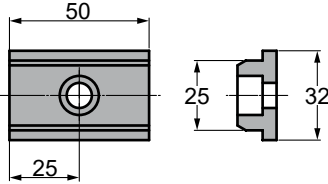
K - KU



3 x M8x15

KEY

KU



Order Options: Model (W) (α)-Option



LSPJ 0050 00-K

LSPJ 0050 00-KU



SPARE PARTS:

⑪ Coil Spring

COMPONENTS

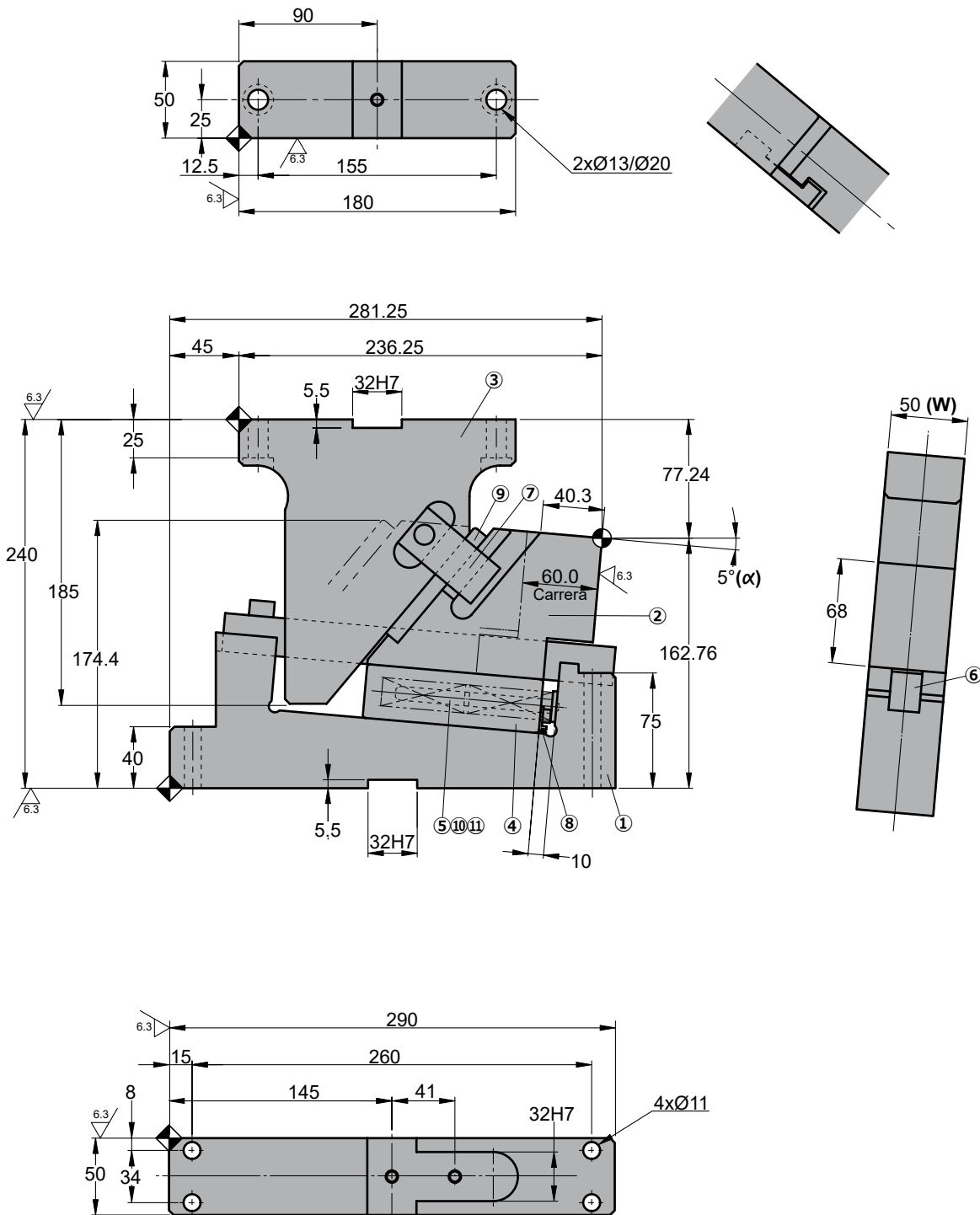
No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	CK45
④	Lower Slider	1	GG30 + G
⑤	Spring Guide Pin	1	CK45
⑥	Guide Bar	1	100Cr6 + G
⑦	Positive Return	1	Bronce
⑧	Scraper	1	NBR
⑨	Slider Plate	1	Bronce + G
⑩	Washer	1	CK22
⑪	Coil Spring	2	TJL20-89

LSPJ 0050

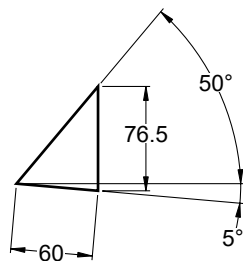
Die mounted cam for pierce and flange



LSPJ 0050 05



Cam diagram:



Disassembling space:



LSPJ 0050

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	14.7 (1.5)	84.5 (8.6)	591.5 (60.2)	18.1	LSPJ	0050	05



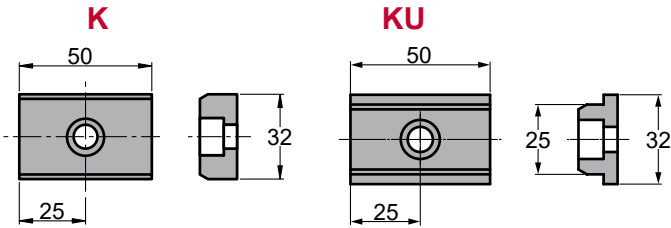
Order: Model (W) (α)

LSPJ 0050 05

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU



3 x M8x15

KEY

KU

Order Options: Model (W) (α)-Option



LSPJ 0050 05-K

LSPJ 0050 05-KU



SPARE PARTS:

⑪ Coil Spring

COMPONENTS

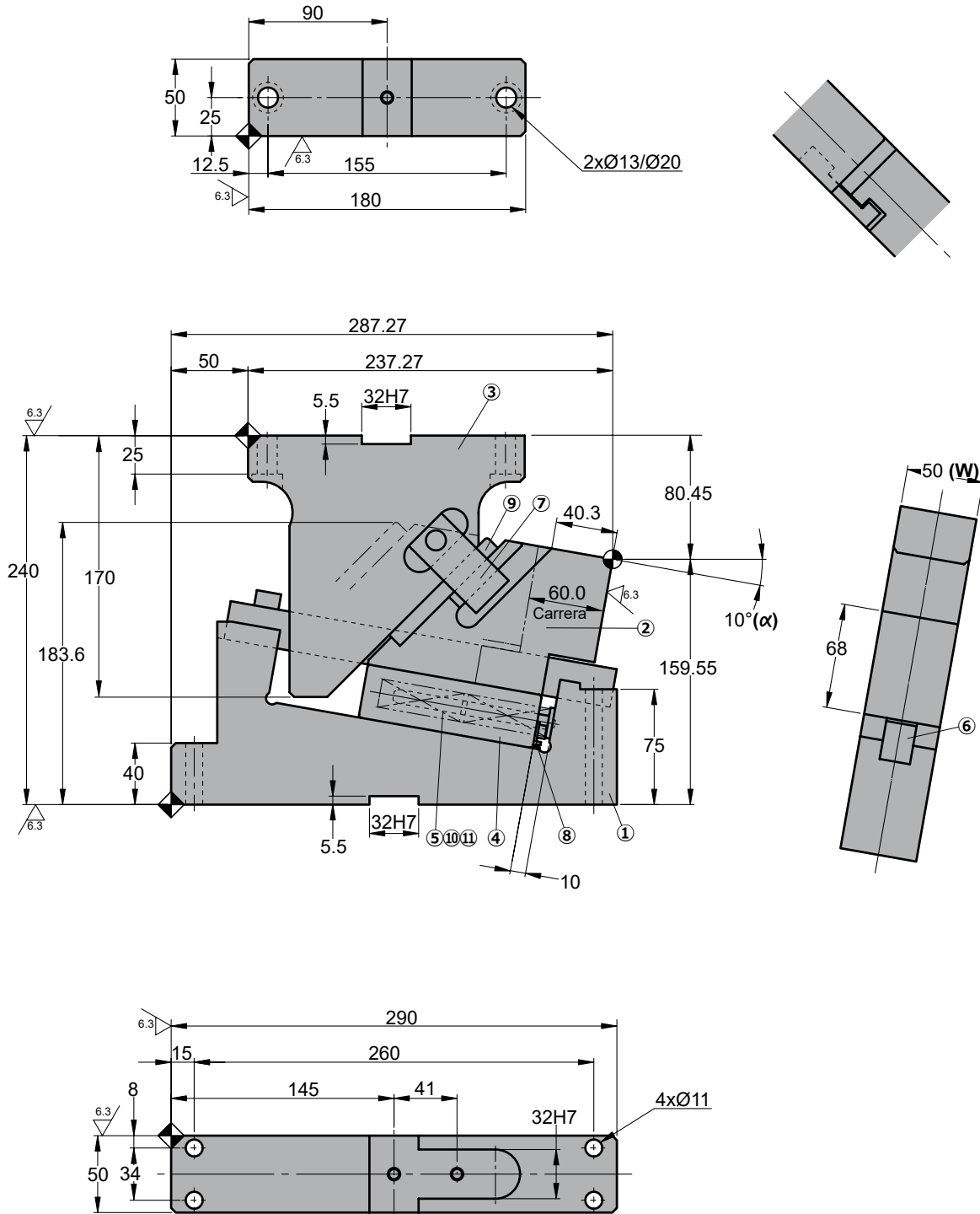
No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	CK45
④	Lower Slider	1	GG30 + G
⑤	Spring Guide Pin	1	CK45
⑥	Guide Bar	1	100Cr6 + G
⑦	Positive Return	1	Bronce
⑧	Scraper	1	NBR
⑨	Slider Plate	1	Bronce + G
⑩	Washer	1	CK22
⑪	Coil Spring	2	TJL20-89

LSPJ 0050

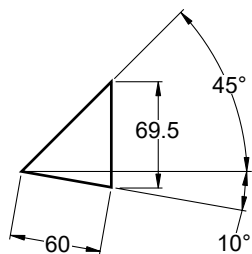
Die mounted cam for pierce and flange



LSPJ 0050 10



◦Cam diagram:



◦Disassembling space:



LSPJ 0050

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	14.7 (1.5)	84.5 (8.6)	591.5 (60.2)	18.5	LSPJ	0050	10

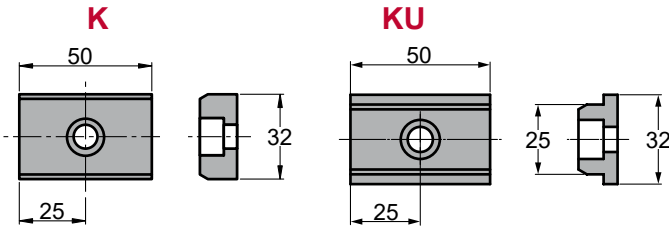


Order: **Model** **(W)** **(α)**
LSPJ 0050 10

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU



3 x M8x15

Order Options: **Model** **(W)** **(α)-Option**



LSPJ 0050 10-K

LSPJ 0050 10-KU



SPARE PARTS:

⑪ Coil Spring

COMPONENTS

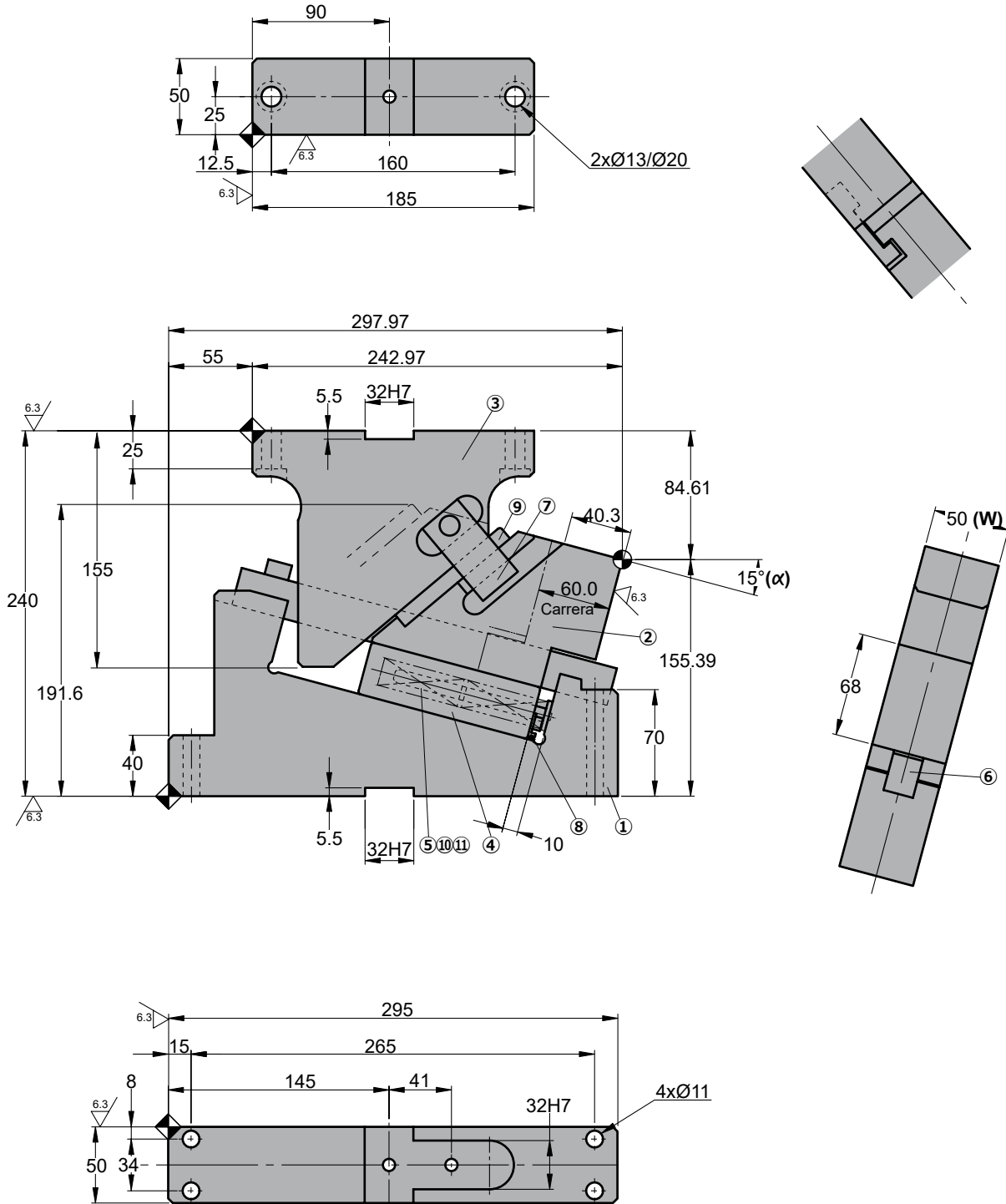
No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	CK45
④	Lower Slider	1	GG30 + G
⑤	Spring Guide Pin	1	CK45
⑥	Guide Bar	1	100Cr6 + G
⑦	Positive Return	1	Bronce
⑧	Scraper	1	NBR
⑨	Slider Plate	1	Bronce + G
⑩	Washer	1	CK22
⑪	Coil Spring	2	TJL20-89

LSPJ 0050

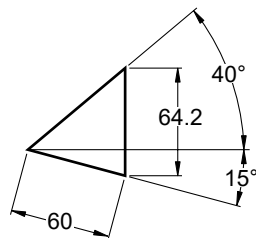
Die mounted cam for pierce and flange



LSPJ 0050 15



◦Cam diagram:



◦Disassembling space:



LSPJ 0050

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	14.7 (1.5)	84.5 (8.6)	591.5 (60.2)	19.2	LSPJ	0050	15

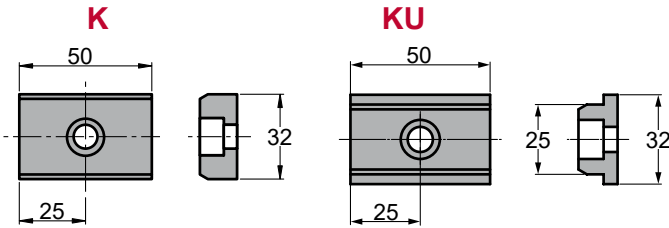


Order: **Model** **(W)** **(α)**
LSPJ 0050 15

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU



3 x M8x15

Order Options: Model (W) (α)-Option



LSPJ 0050 15-K

LSPJ 0050 15-KU



SPARE PARTS:

⑪ Coil Spring

COMPONENTS

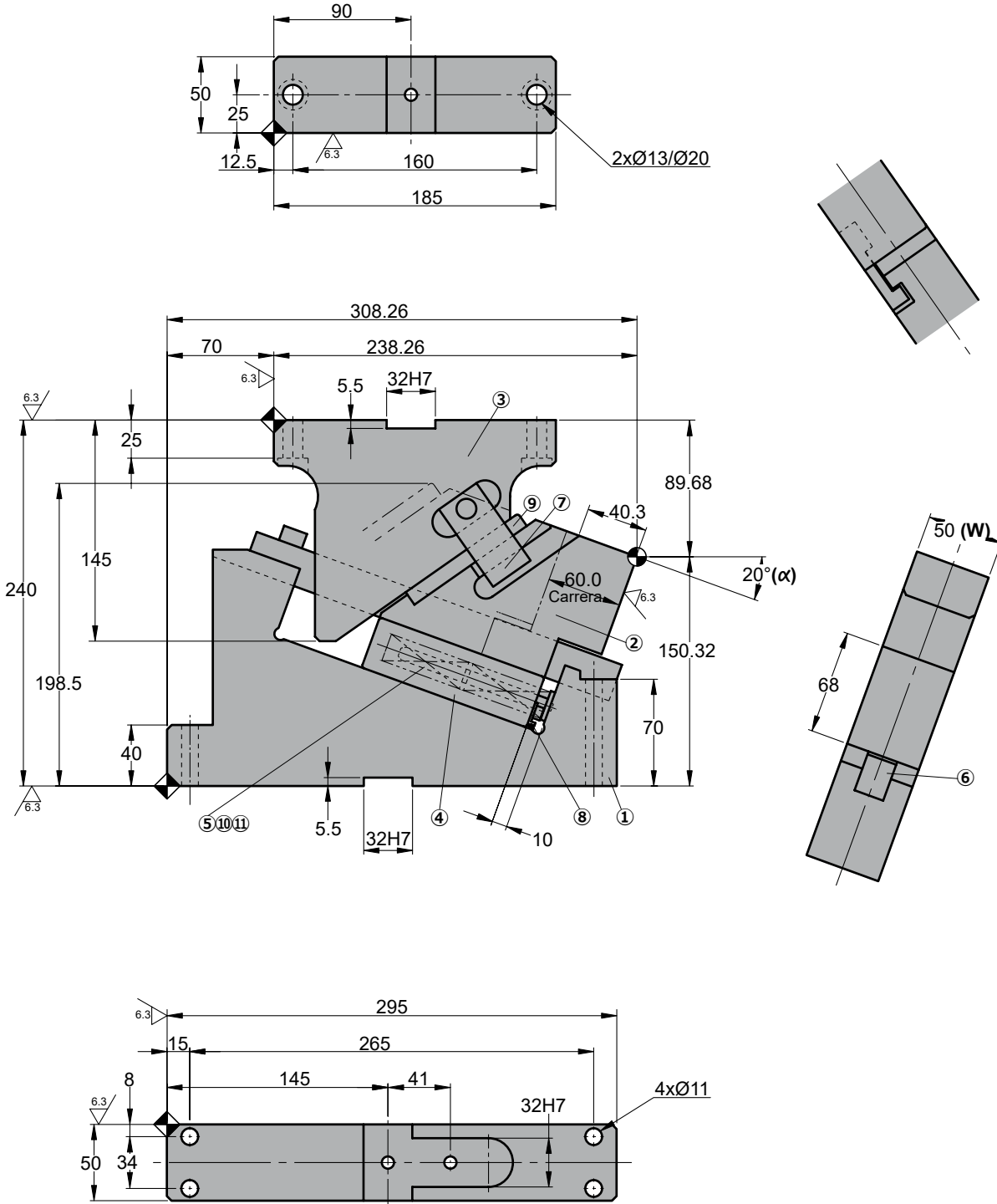
No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	CK45
④	Lower Slider	1	GG30 + G
⑤	Spring Guide Pin	1	CK45
⑥	Guide Bar	1	100Cr6 + G
⑦	Positive Return	1	Bronce
⑧	Scraper	1	NBR
⑨	Slider Plate	1	Bronce + G
⑩	Washer	1	CK22
⑪	Coil Spring	2	TJL20-89

LSPJ 0050

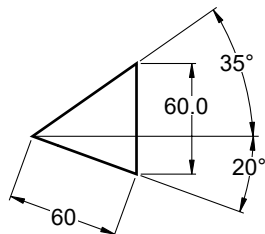
Die mounted cam for pierce and flange



LSPJ 0050 20



◦Cam diagram:



◦Disassembling space:



LSPJ 0050

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	14.7 (1.5)	84.5 (8.6)	591.5 (60.2)	19.8	LSPJ	0050	20



Order: Model (W) (α)

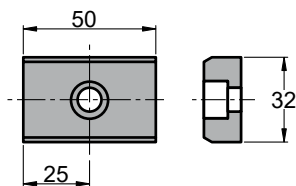
LSPJ 0050 20

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

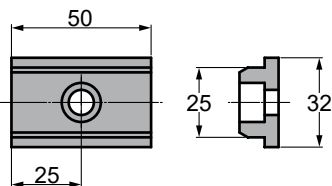
K



3 x M8x15

KEY

KU



Order Options: Model (W) (α)-Option



LSPJ 0050 20-K

LSPJ 0050 20-KU



SPARE PARTS:

⑪ Coil Spring

COMPONENTS

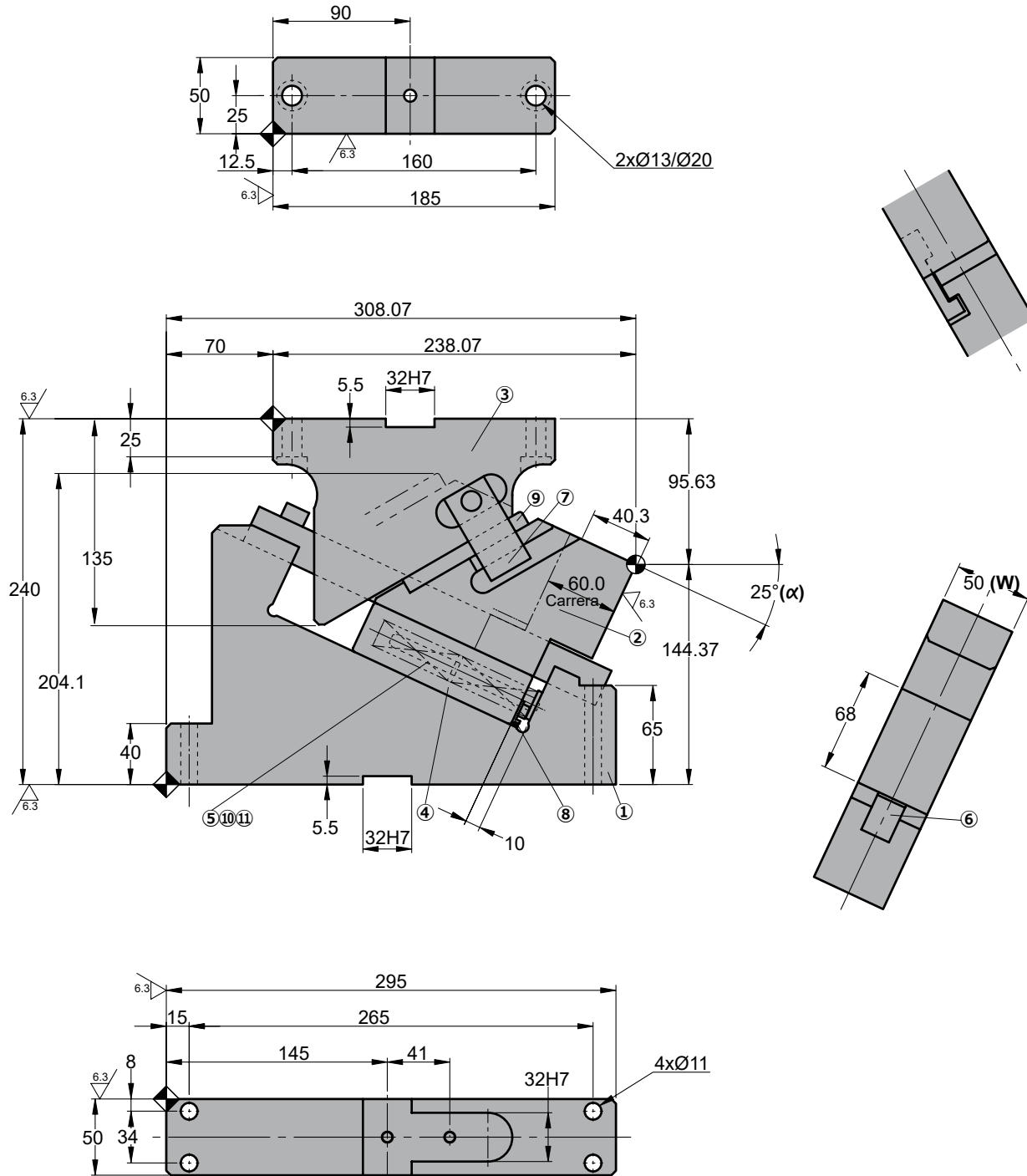
No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	CK45
④	Lower Slider	1	GG30 + G
⑤	Spring Guide Pin	1	CK45
⑥	Guide Bar	1	100Cr6 + G
⑦	Positive Return	1	Bronce
⑧	Scraper	1	NBR
⑨	Slider Plate	1	Bronce + G
⑩	Washer	1	CK22
⑪	Coil Spring	2	TJL20-89

LSPJ 0050

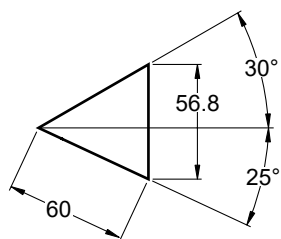
Die mounted cam for pierce and flange



LSPJ 0050 25



◦Cam diagram:



◦Disassembling space:



LSPJ 0050

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	14.7 (1.5)	84.5 (8.6)	591.5 (60.2)	20.0	LSPJ	0050	25

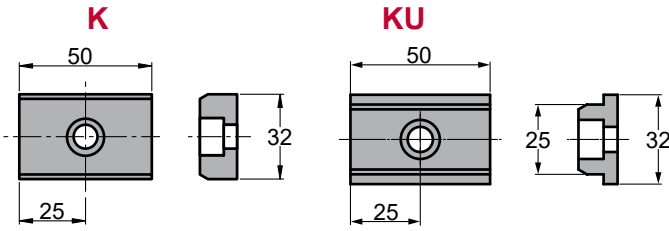


Order: **Model** **(W)** **(α)**
LSPJ 0050 25

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

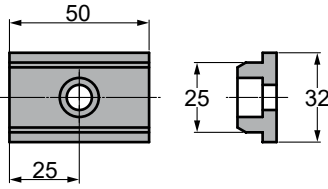
K - KU



3 x M8x15

KEY

KU



Order Options: Model (W) (α)-Option



LSPJ 0050 25-K

LSPJ 0050 25-KU



SPARE PARTS:

⑪ Coil Spring

COMPONENTS

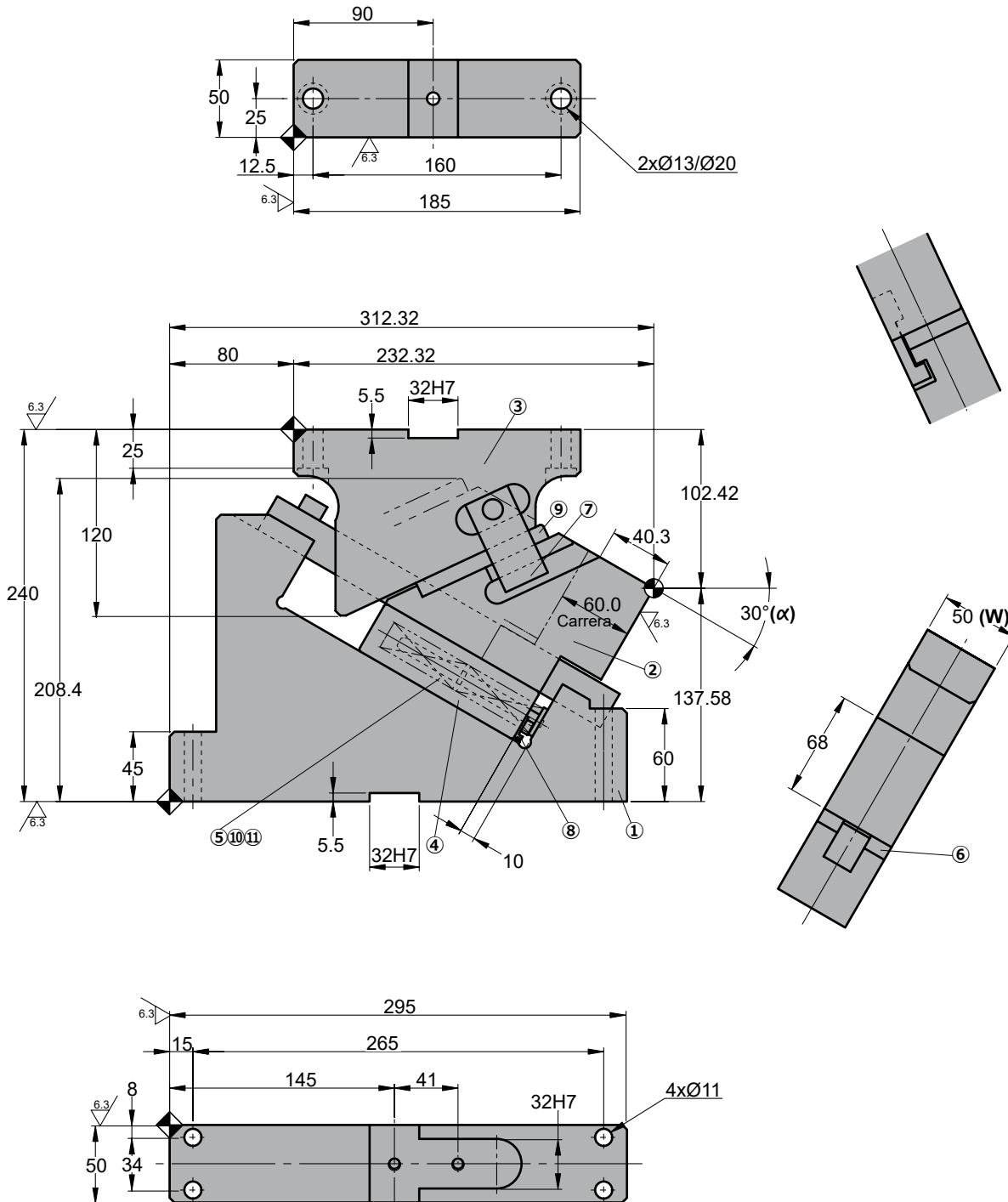
No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	CK45
④	Lower Slider	1	GG30 + G
⑤	Spring Guide Pin	1	CK45
⑥	Guide Bar	1	100Cr6 + G
⑦	Positive Return	1	Bronce
⑧	Scraper	1	NBR
⑨	Slider Plate	1	Bronce + G
⑩	Washer	1	CK22
⑪	Coil Spring	2	TJL20-89

LSPJ 0050

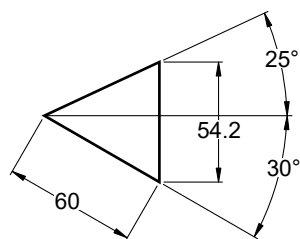
Die mounted cam for pierce and flange



LSPJ 0050 30



◦Cam diagram:



◦Disassembling space:



LSPJ 0050

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	14.7 (1.5)	84.5 (8.6)	591.5 (60.2)	20.4	LSPJ	0050	30



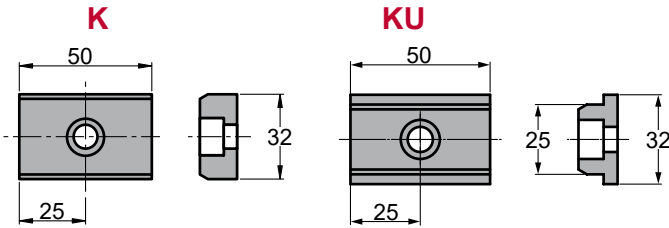
Order: Model (W) (α)

LSPJ 0050 30

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

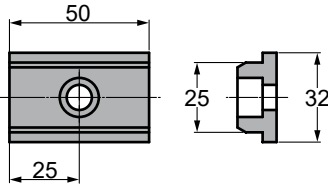
K - KU



3 x M8x15

KEY

KU



Order Options: Model (W) (α)-Option



LSPJ 0050 30-K

LSPJ 0050 30-KU



SPARE PARTS:

⑪ Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	CK45
④	Lower Slider	1	GG30 + G
⑤	Spring Guide Pin	1	CK45
⑥	Guide Bar	1	100Cr6 + G
⑦	Positive Return	1	Bronce
⑧	Scraper	1	NBR
⑨	Slider Plate	1	Bronce + G
⑩	Washer	1	CK22
⑪	Coil Spring	2	TJL20-89

LSPJ 0050

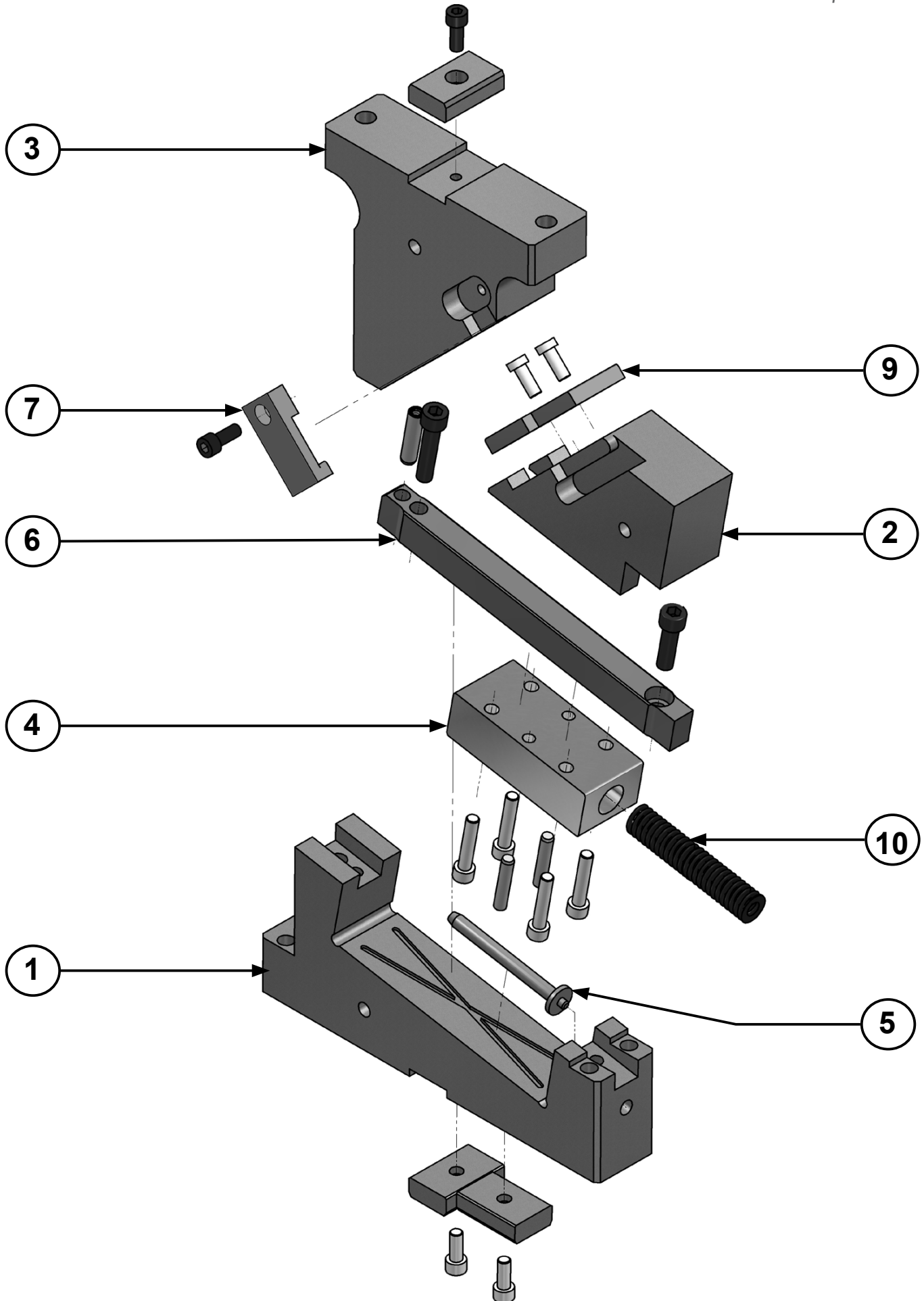


Die mounted cam for pierce and flange



LSPJ 0080

Die mounted cam for pierce and flange





LSPJ 0080

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	35.3 (3.6)	157.6 (16.0)	1339.6 (136.0)	33.2	LSPJ	0080	00

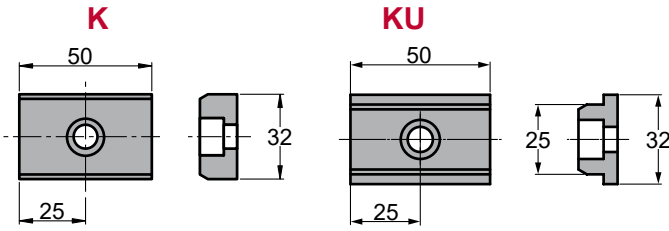


Order: Model (W) (α)
LSPJ 0080 00

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

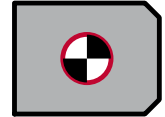


3 x M8x15

KEY

KU

P PINS



P13 - Ø13 H7

Order Options: Model (W) (α)-Option



LSPJ 0080 00-K

LSPJ 0080 00-KU

LSPJ 0080 00-K-P13



SPARE PARTS:

⑩ Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GGG60
④	Lower Slider	1	GG30 + G
⑤	Spring Guide Pin	1	CK45
⑥	Guide Bar	1	100Cr6 + G
⑦	Positive Return	1	CK45
⑧	Scraper	1	NBR
⑨	Slider Plate	1	Bronce + G
⑩	Coil Spring	1	TJL32-178



LSPJ 0080

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	35.3 (3.6)	157.6 (16.0)	1339.6 (136.0)	33.5	LSPJ	0080	05

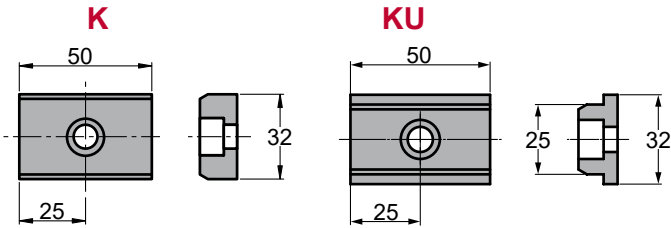


Order: Model (W) (α)
LSPJ 0080 05

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

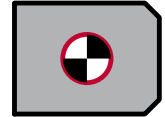


3 x M8x15

KEY

KU

P PINS



P13 - Ø13 H7

Order Options: Model (W) (α)-Option



LSPJ 0080 05-K

LSPJ 0080 05-KU

LSPJ 0080 05-K-P13



SPARE PARTS:

⑩ Coil Spring

COMPONENTS

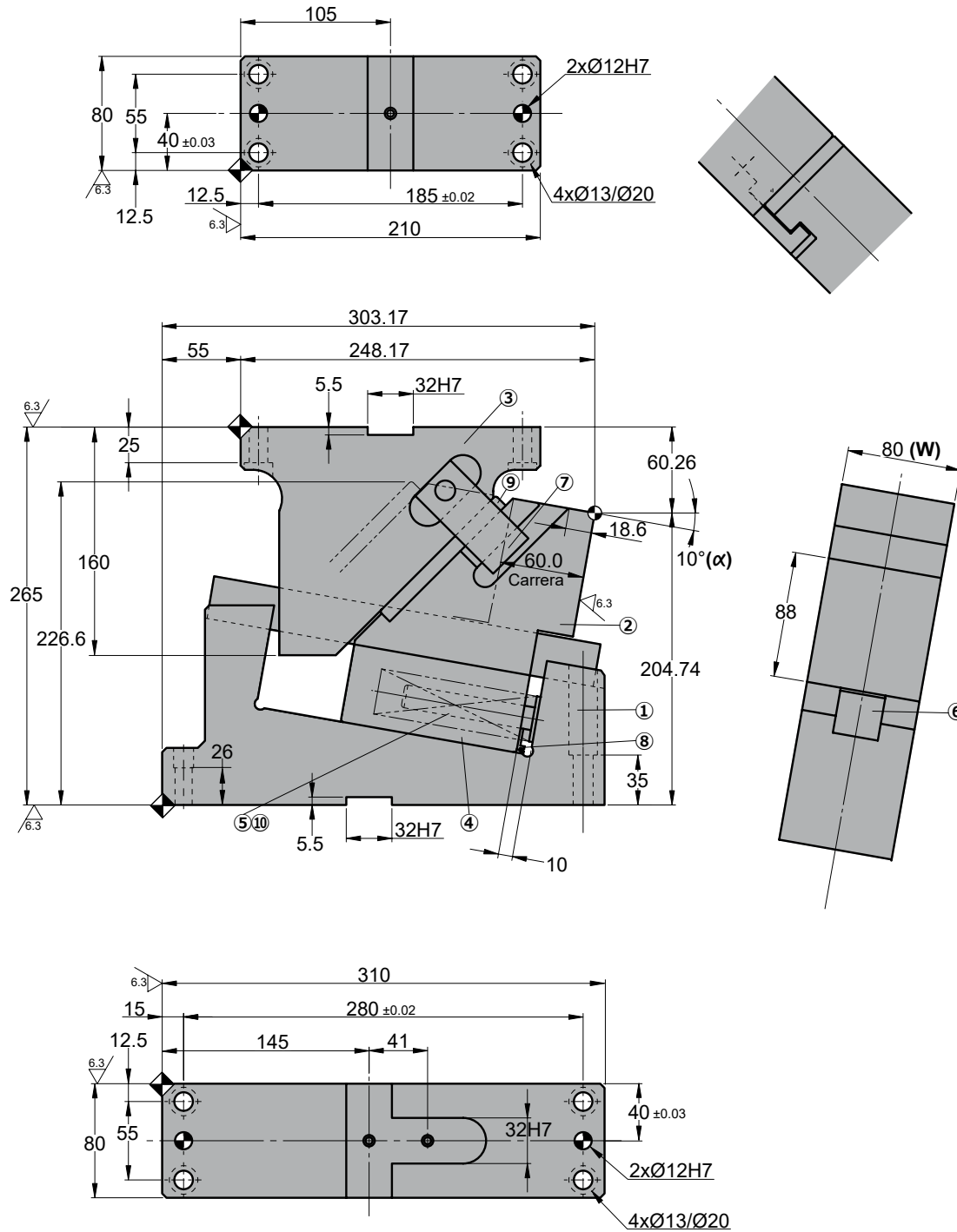
No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GGG60
④	Lower Slider	1	GG30 + G
⑤	Spring Guide Pin	1	CK45
⑥	Guide Bar	1	100Cr6 + G
⑦	Positive Return	1	CK45
⑧	Scraper	1	NBR
⑨	Slider Plate	1	Bronce + G
⑩	Coil Spring	1	TJL32-178

LSPJ 0080

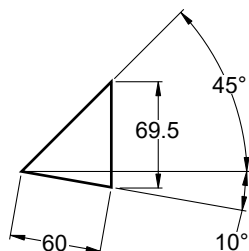
Die mounted cam for pierce and flange



LSPJ 0080 10



◦Cam diagram:



◦Disassembling space:



LSPJ 0080

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	35.3 (3.6)	157.6 (16.0)	1339.6 (136.0)	34.4	LSPJ	0080	10

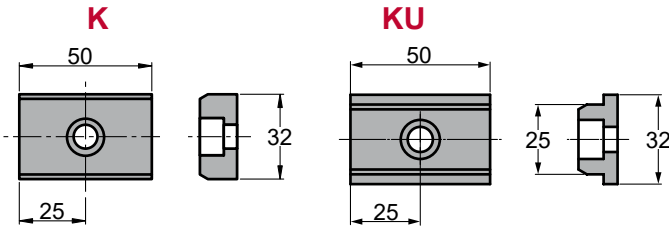


Order: Model (W) (α)
LSPJ 0080 10

Standard order example according to catalog sheet. Add options applying options table contents.

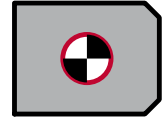
OPTIONS

K - KU



3 x M8x15

P PINS



P13 - Ø13 H7

Order Options: Model (W) (α)-Option



LSPJ 0080 10-K

LSPJ 0080 10-KU

LSPJ 0080 10-K-P13



SPARE PARTS:

⑩ Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GGG60
④	Lower Slider	1	GG30 + G
⑤	Spring Guide Pin	1	CK45
⑥	Guide Bar	1	100Cr6 + G
⑦	Positive Return	1	CK45
⑧	Scraper	1	NBR
⑨	Slider Plate	1	Bronce + G
⑩	Coil Spring	1	TJL32-178



LSPJ 0080

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	35.3 (3.6)	157.6 (16.0)	1339.6 (136.0)	35.1	LSPJ	0080	15

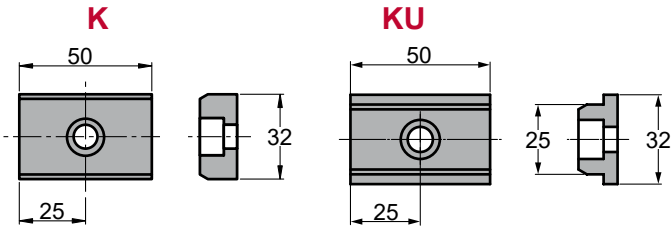


Order: **Model** **(W)** **(α)**
LSPJ 0080 15

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

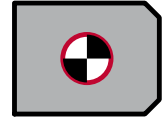


3 x M8x15

KEY

KU

P PINS



P13 - Ø13 H7

Order Options: Model (W) (α)-Option



LSPJ 0080 15-K

LSPJ 0080 15-KU

LSPJ 0080 15-K-P13



SPARE PARTS:

⑩ Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GGG60
④	Lower Slider	1	GG30 + G
⑤	Spring Guide Pin	1	CK45
⑥	Guide Bar	1	100Cr6 + G
⑦	Positive Return	1	CK45
⑧	Scraper	1	NBR
⑨	Slider Plate	1	Bronce + G
⑩	Coil Spring	1	TJL32-178



LSPJ 0080

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	35.3 (3.6)	157.6 (16.0)	1339.6 (136.0)	35.6	LSPJ	0080	20

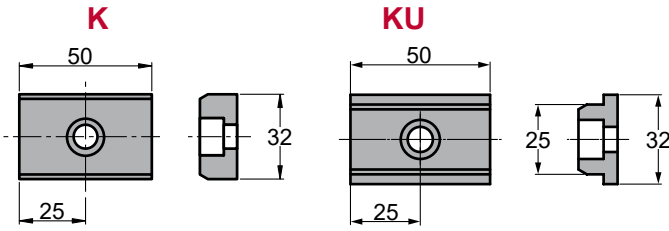


Order: Model (W) (α)
LSPJ 0080 20

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

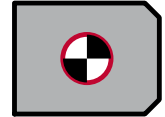


3 x M8x15

KEY

KU

P PINS



P13 - Ø13 H7

Order Options: Model (W) (α)-Option



LSPJ 0080 20-K

LSPJ 0080 20-KU

LSPJ 0080 20-K-P13



SPARE PARTS:

⑩ Coil Spring

COMPONENTS

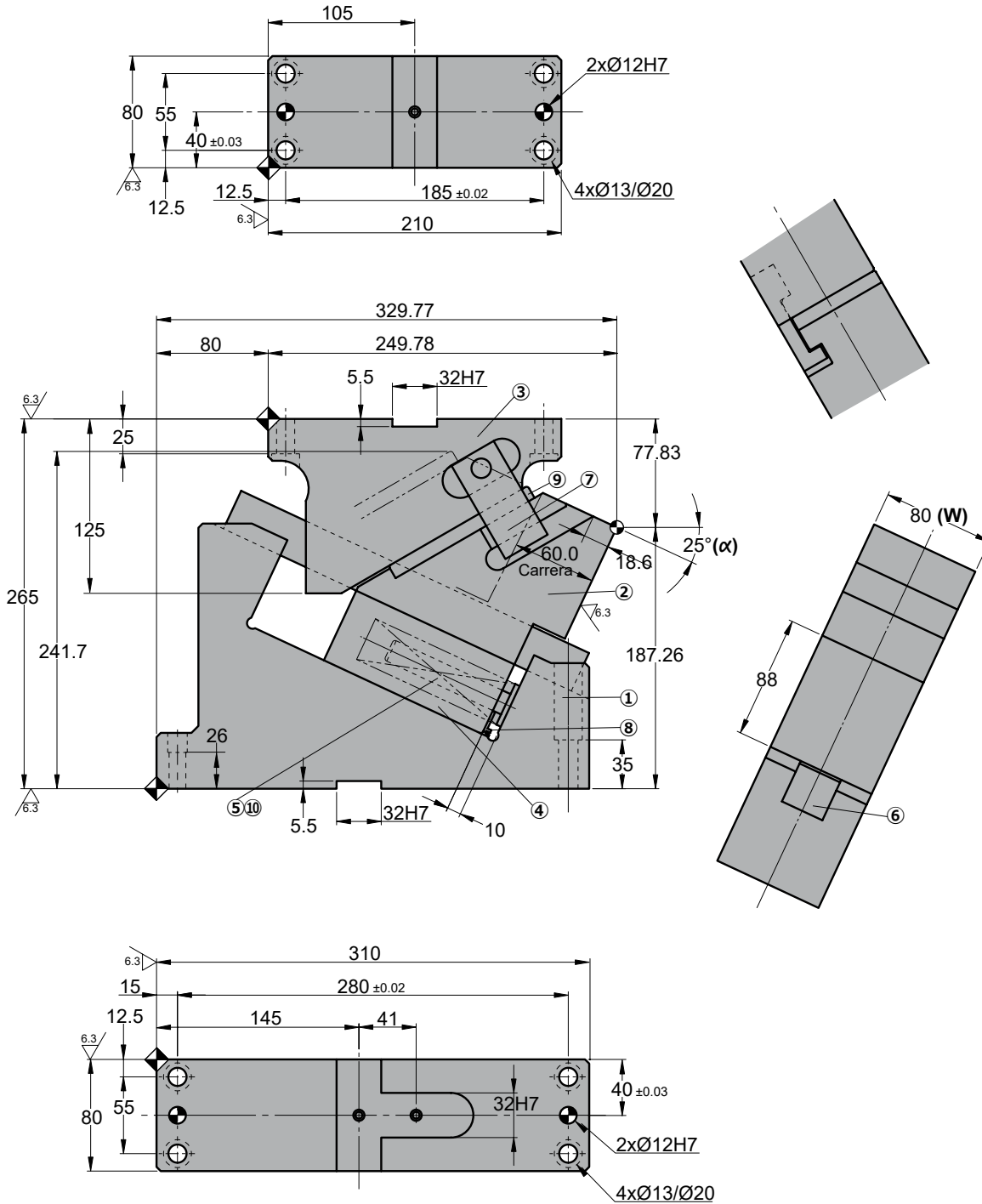
No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GGG60
④	Lower Slider	1	GG30 + G
⑤	Spring Guide Pin	1	CK45
⑥	Guide Bar	1	100Cr6 + G
⑦	Positive Return	1	CK45
⑧	Scraper	1	NBR
⑨	Slider Plate	1	Bronce + G
⑩	Coil Spring	1	TJL32-178

LSPJ 0080

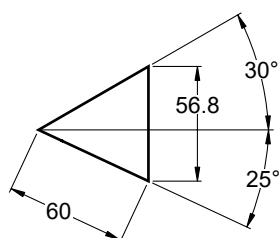
Die mounted cam for pierce and flange



LSPJ 0080 25



◦Cam diagram:



◦Disassembling space:



LSPJ 0080

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	35.3 (3.6)	157.6 (16.0)	1339.6 (136.0)	36.3	LSPJ	0080	25

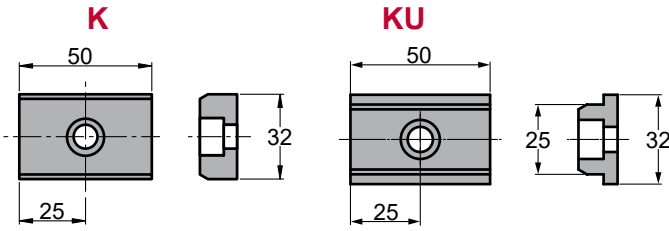


Order: Model (W) (α)
LSPJ 0080 25

Standard order example according to catalog sheet. Add options applying options table contents.

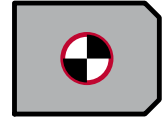
OPTIONS

K - KU



3 x M8x15

P PINS



P13 - Ø13 H7

Order Options: Model (W) (α)-Option



LSPJ 0080 25-K

LSPJ 0080 25-KU

LSPJ 0080 25-K-P13



SPARE PARTS:

⑩ Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GGG60
④	Lower Slider	1	GG30 + G
⑤	Spring Guide Pin	1	CK45
⑥	Guide Bar	1	100Cr6 + G
⑦	Positive Return	1	CK45
⑧	Scraper	1	NBR
⑨	Slider Plate	1	Bronce + G
⑩	Coil Spring	1	TJL32-178



LSPJ 0080

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	35.3 (3.6)	157.6 (16.0)	1339.6 (136.0)	36.7	LSPJ	0080	30

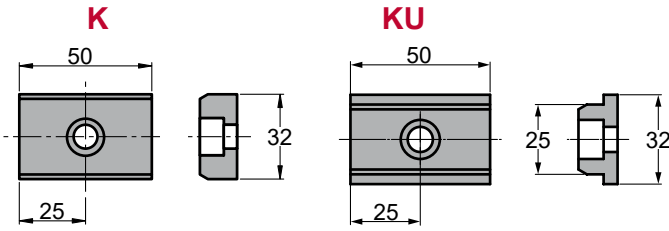


Order: Model (W) (α)
LSPJ 0080 30

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

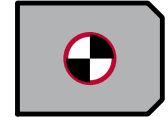


3 x M8x15

KEY

KU

P PINS



P13 - Ø13 H7

Order Options: Model (W) (α)-Option



LSPJ 0080 30-K

LSPJ 0080 30-KU

LSPJ 0080 30-K-P13



SPARE PARTS:

⑩ Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GGG60
④	Lower Slider	1	GG30 + G
⑤	Spring Guide Pin	1	CK45
⑥	Guide Bar	1	100Cr6 + G
⑦	Positive Return	1	CK45
⑧	Scraper	1	NBR
⑨	Slider Plate	1	Bronce + G
⑩	Coil Spring	1	TJL32-178

LSPJ 0080

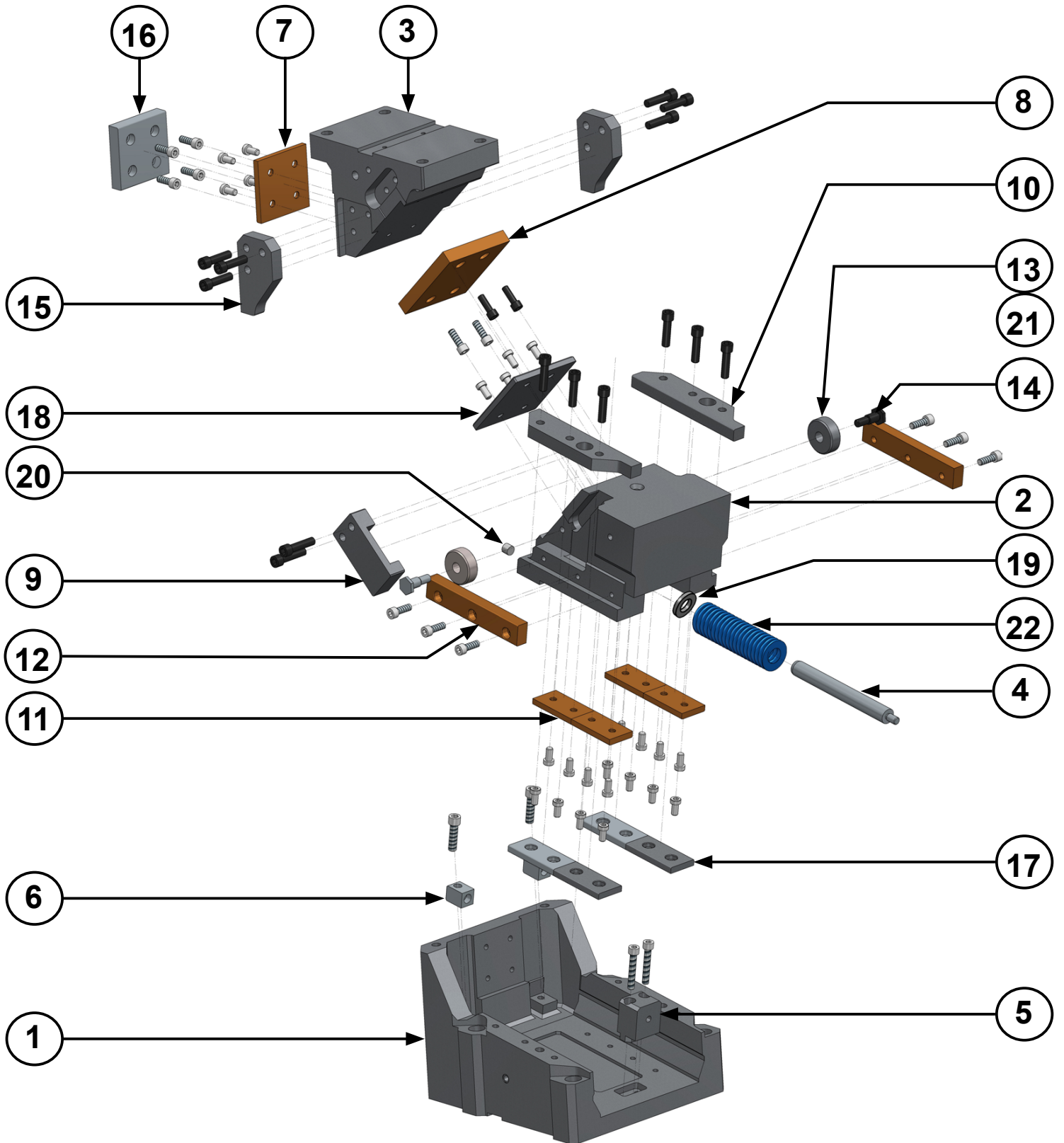


Die mounted cam for pierce and flange



LSPJ 0150

Die mounted cam for pierce and flange

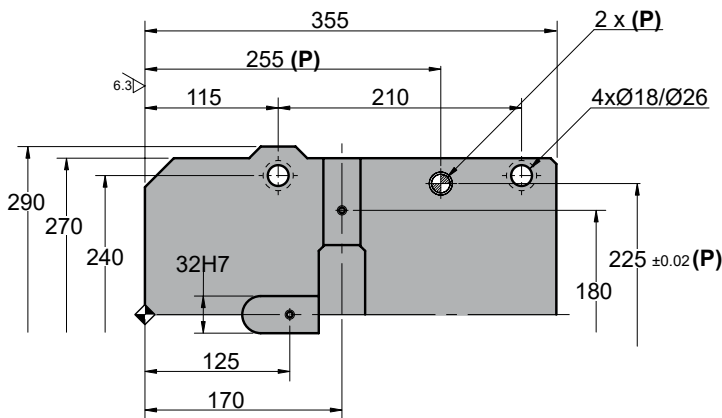
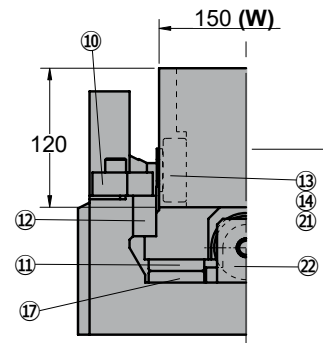
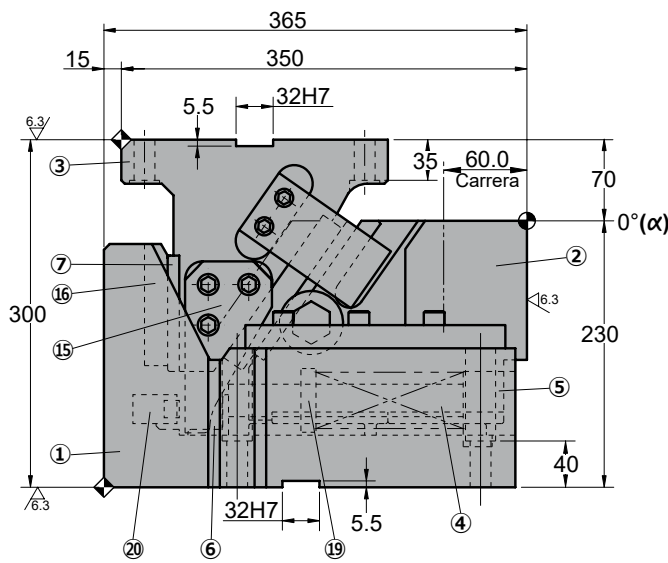
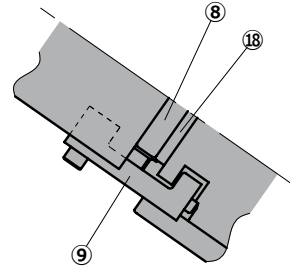
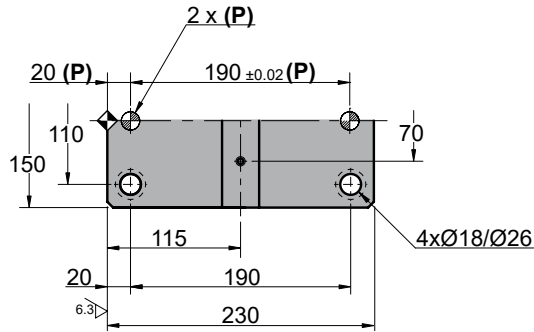


LSPJ 0150

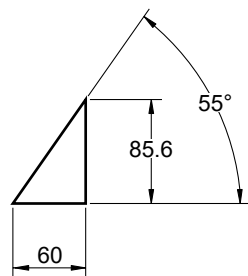
Die mounted cam for pierce and flange



LSPJ 0150 00



◦Cam diagram:



◦Disassembling space:



LSPJ 0150

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	117.6 (12.0)	788.8 (80.3)	3746.8 (381.5)	130.0	LSPJ	0150	00



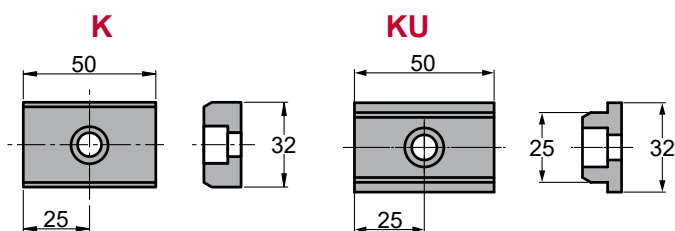
Order: Model (W) (α)

LSPJ 0150 00

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

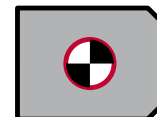


5 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0150 00-K

LSPJ 0150 00-KU

LSPJ 0150 00-K-P16



SPARE PARTS:

⑳ Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	1	CK45
⑤	Spring Guide Block	1	S235
⑥	Bracket	1	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	1	Bronce + G
⑨	Positive Return	1	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

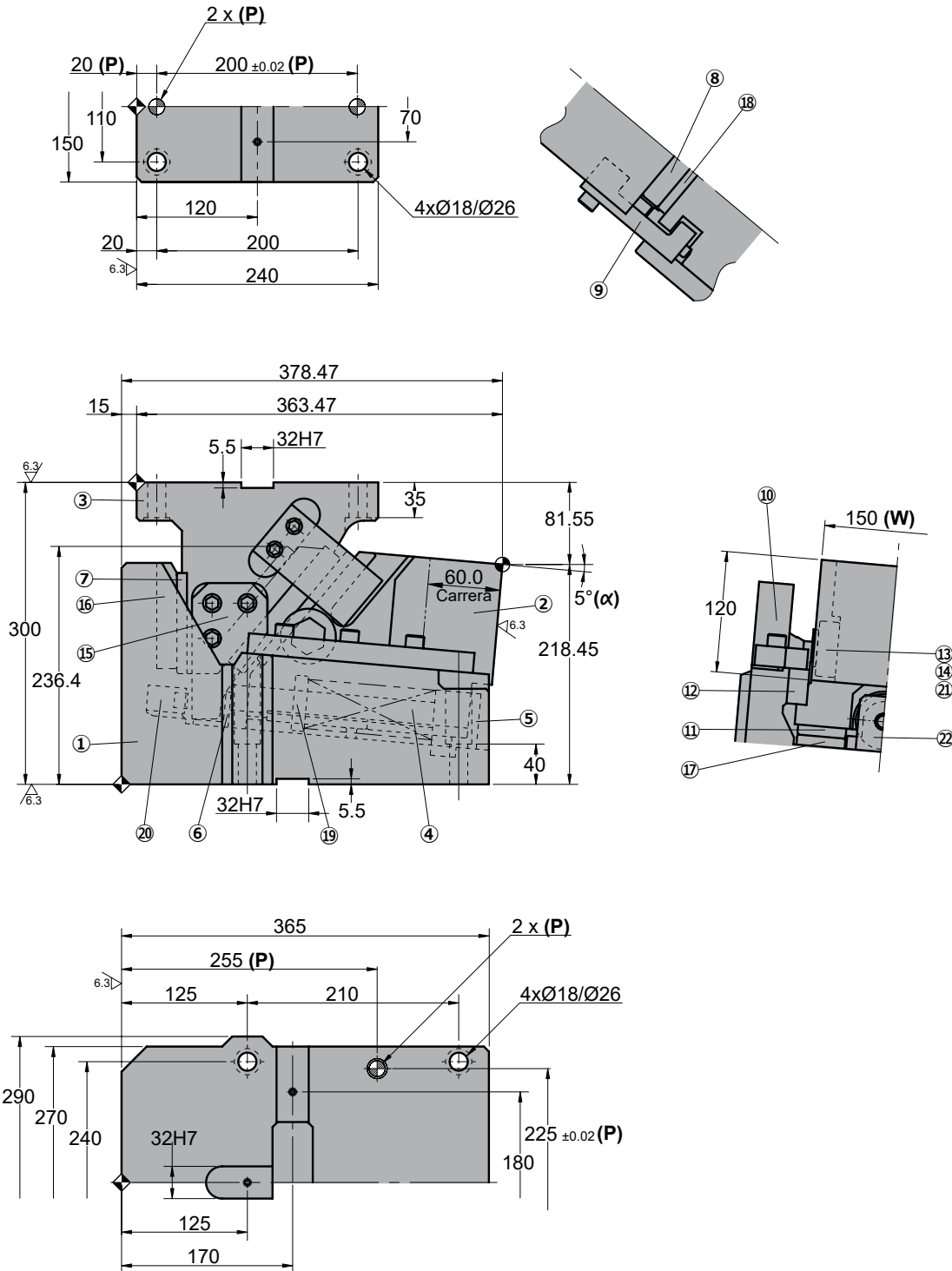
No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	1	CK45
⑲	Washer	1	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	1	TJL50-203

LSPJ 0150

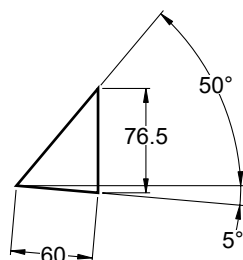
Die mounted cam for pierce and flange



LSPJ 0150 05



◦Cam diagram:



◦Disassembling space:



LSPJ 0150

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	117.6 (12.0)	788.8 (80.3)	3746.8 (381.5)	134.0	LSPJ	0150	05



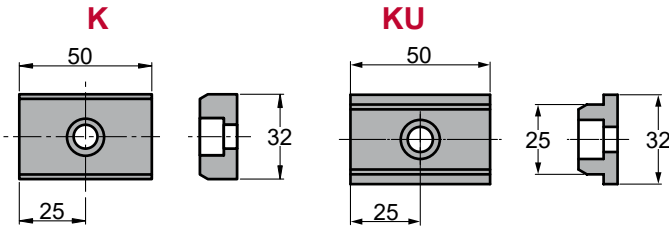
Order: Model (W) (α)

LSPJ 0150 05

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

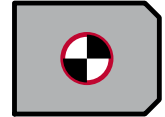


5 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0150 05-K

LSPJ 0150 05-KU

LSPJ 0150 05-K-P16



SPARE PARTS:

② Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	1	CK45
⑤	Spring Guide Block	1	S235
⑥	Bracket	1	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	1	Bronce + G
⑨	Positive Return	1	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

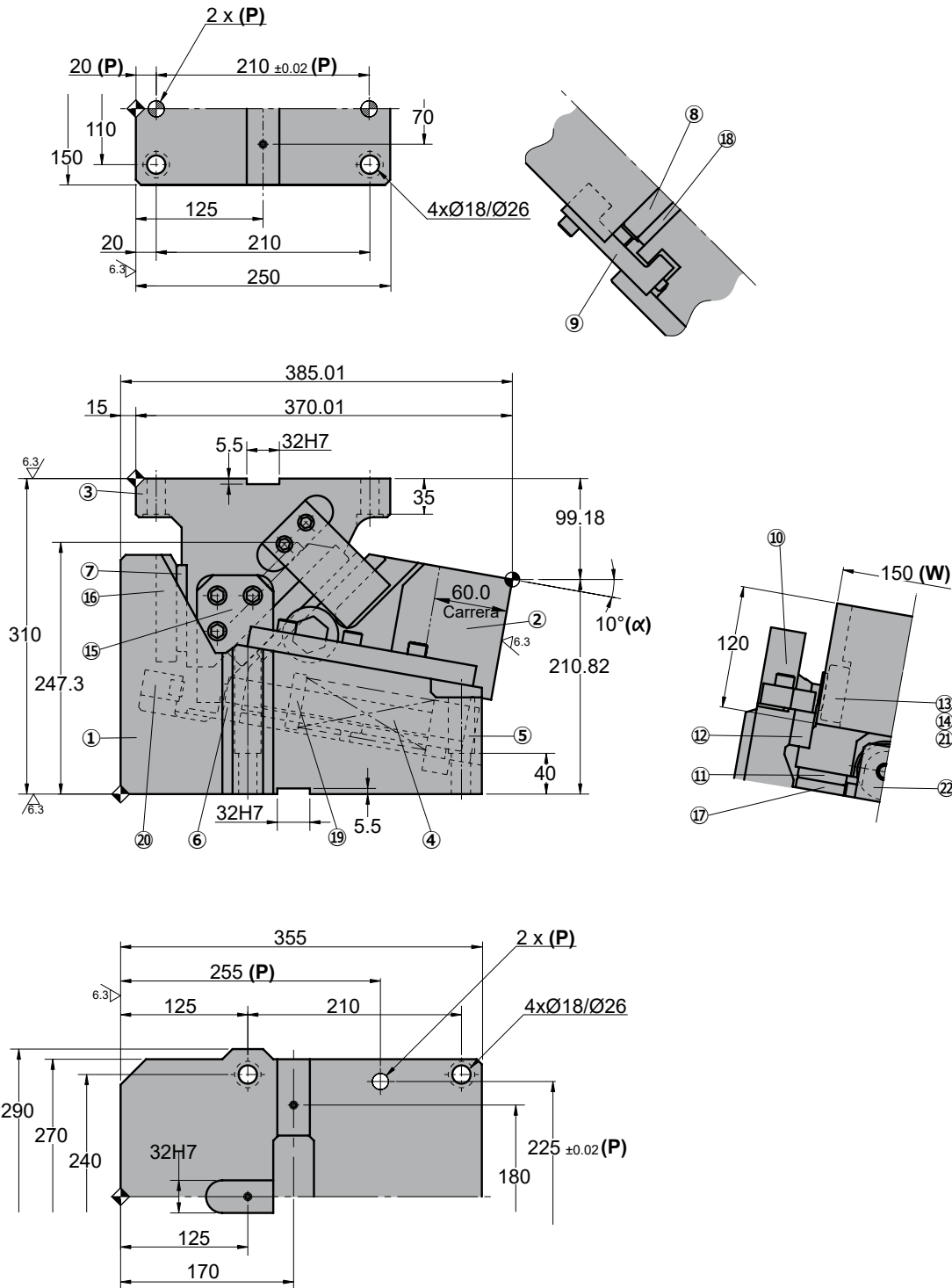
No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	1	CK45
⑲	Washer	1	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	1	TJL50-203

LSPJ 0150

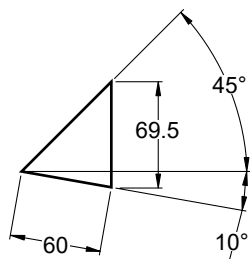
Die mounted cam for pierce and flange



LSPJ 0150 10



◦Cam diagram:



◦Disassembling space:



LSPJ 0150

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	117.6 (12.0)	788.8 (80.3)	3746.8 (381.5)	137.4	LSPJ	0150	10

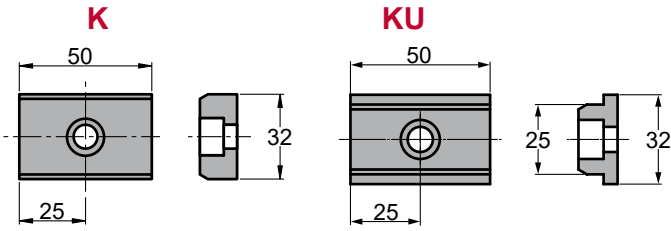


Order: **Model** **(W)** **(α)**
LSPJ 0150 10

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

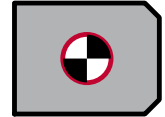


5 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0150 10-K
LSPJ 0150 10-KU
LSPJ 0150 10-K-P16



SPARE PARTS:

⑳ Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	1	CK45
⑤	Spring Guide Block	1	S235
⑥	Bracket	1	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	1	Bronce + G
⑨	Positive Return	1	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	1	CK45
⑲	Washer	1	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	1	TJL50-203



LSPJ 0150

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	117.6 (12.0)	788.8 (80.3)	3746.8 (381.5)	138.0	LSPJ	0150	15

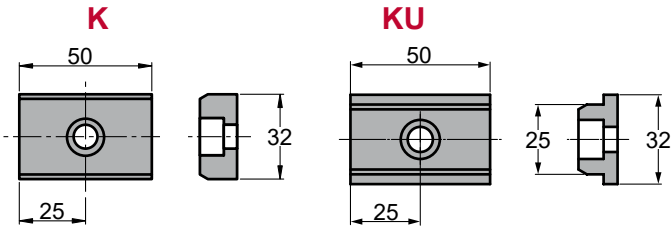


Order: **Model (W) (α)**
LSPJ 0150 15

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

K - KU

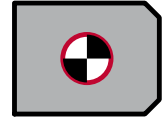


5 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0150 15-K

LSPJ 0150 15-KU

LSPJ 0150 15-K-P16



SPARE PARTS:

② Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	1	CK45
⑤	Spring Guide Block	1	S235
⑥	Bracket	1	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	1	Bronce + G
⑨	Positive Return	1	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

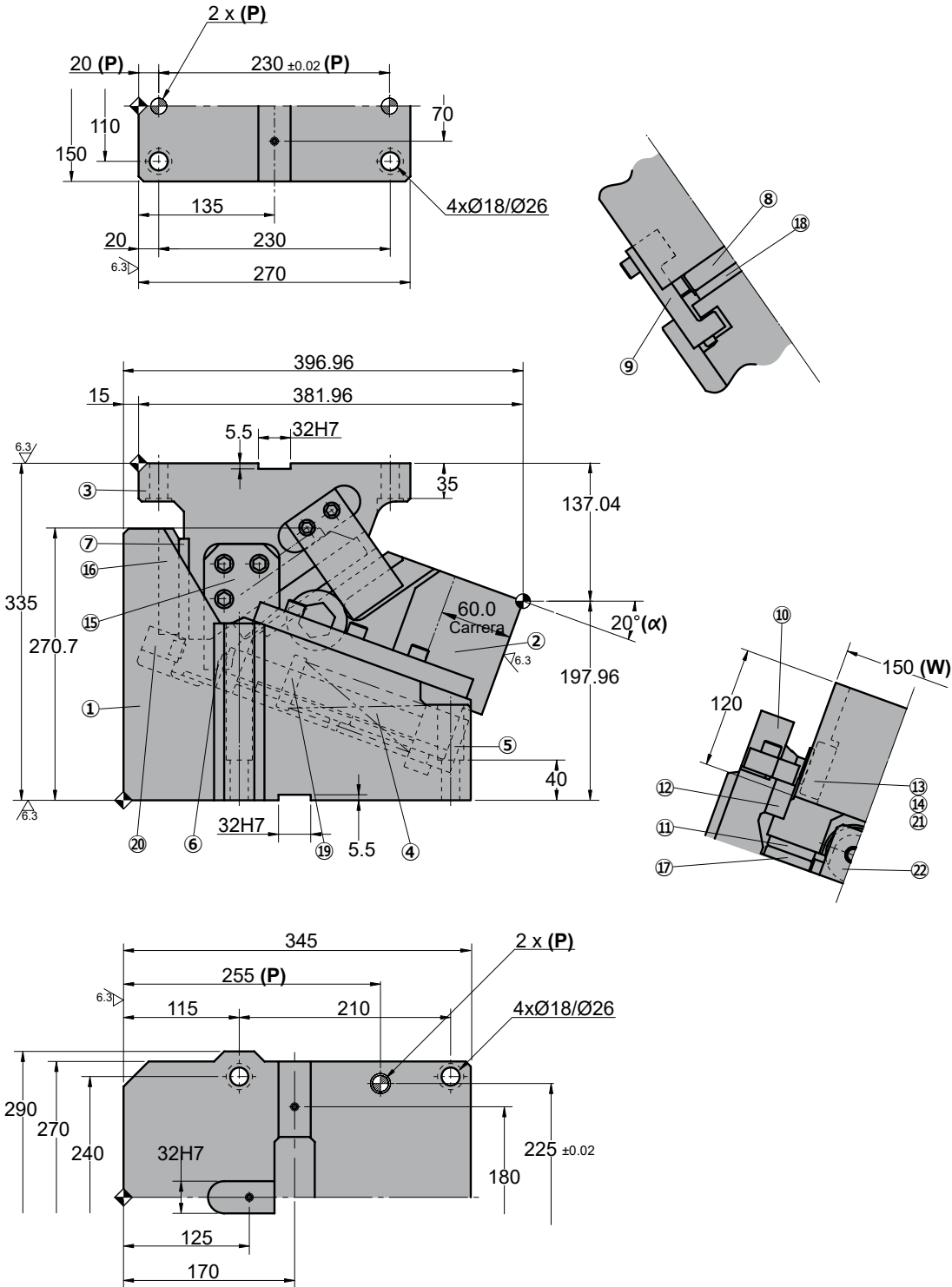
No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	1	CK45
⑲	Washer	1	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	1	TJL50-203

LSPJ 0150

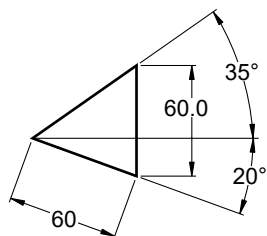
Die mounted cam for pierce and flange



LSPJ 0150 20



◦Cam diagram:



◦Disassembling space:



LSPJ 0150

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	117.6 (12.0)	788.8 (80.3)	3746.8 (381.5)	146.0	LSPJ	0150	20

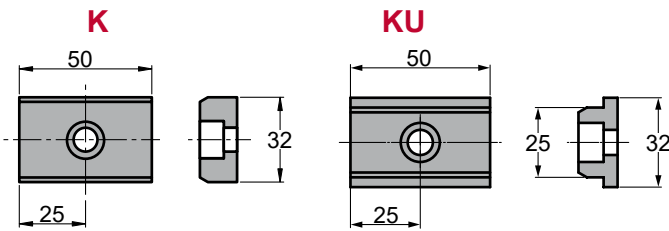


Order: **Model (W) (α)**
LSPJ 0150 20

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

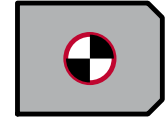


5 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0150 20-K

LSPJ 0150 20-KU

LSPJ 0150 20-K-P16



SPARE PARTS:

⑳ Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	1	CK45
⑤	Spring Guide Block	1	S235
⑥	Bracket	1	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	1	Bronce + G
⑨	Positive Return	1	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

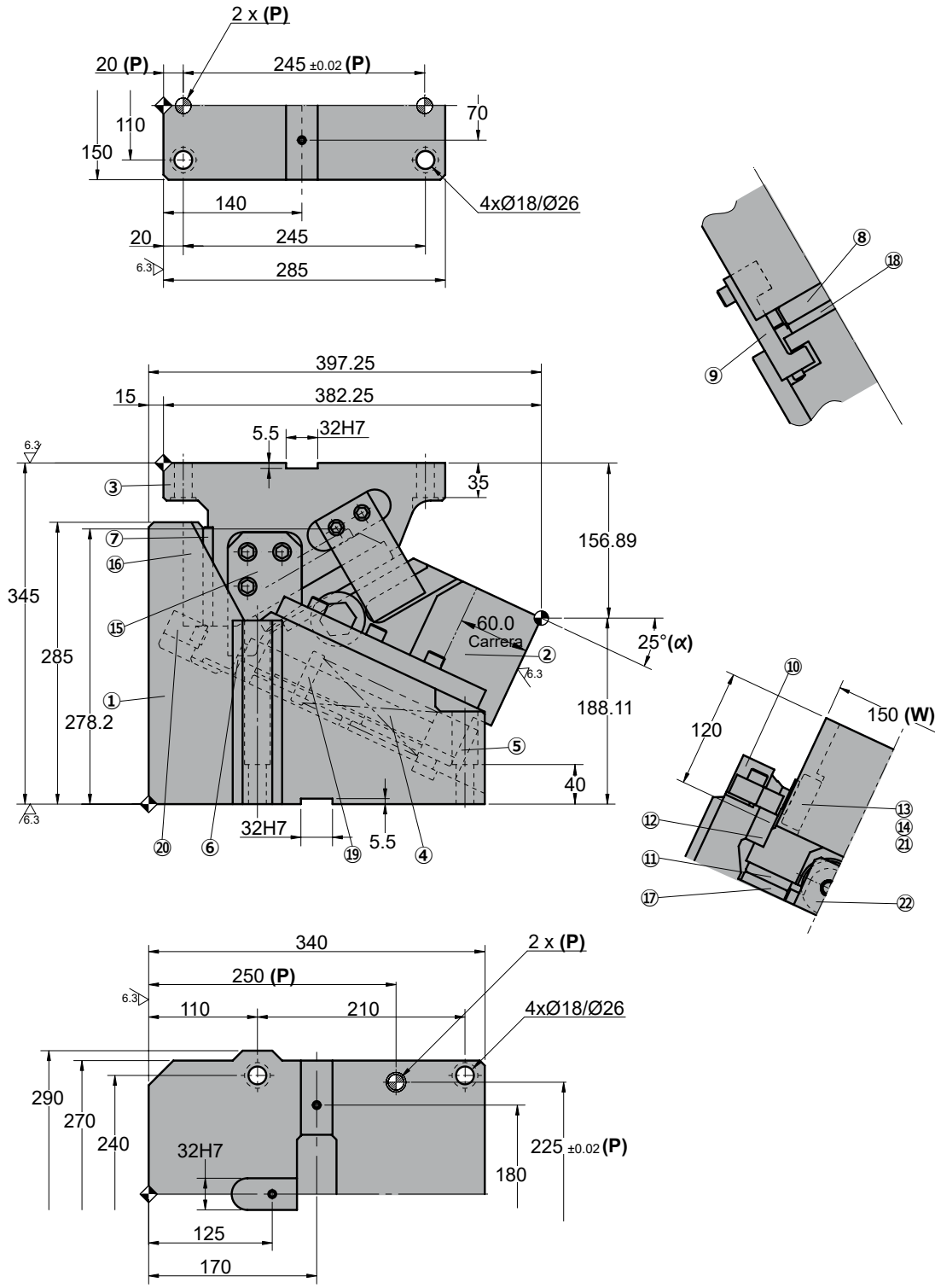
No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	1	CK45
⑲	Washer	1	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	1	TJL50-203

LSPJ 0150

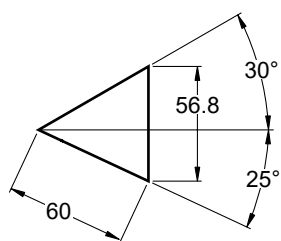
Die mounted cam for pierce and flange



LSPJ 0150 25



◦Cam diagram:



◦Disassembling space:



LSPJ 0150

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	117.6 (12.0)	788.8 (80.3)	3746.8 (381.5)	150.0	LSPJ	0150	25



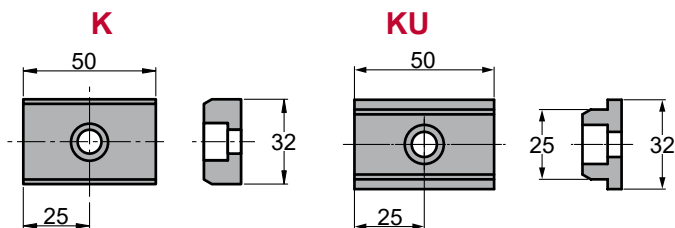
Order: Model (W) (α)

LSPJ 0150 25

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

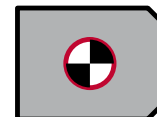


5 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0150 25-K

LSPJ 0150 25-KU

LSPJ 0150 25-K-P16



SPARE PARTS:

⑳ Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	1	CK45
⑤	Spring Guide Block	1	S235
⑥	Bracket	1	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	1	Bronce + G
⑨	Positive Return	1	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

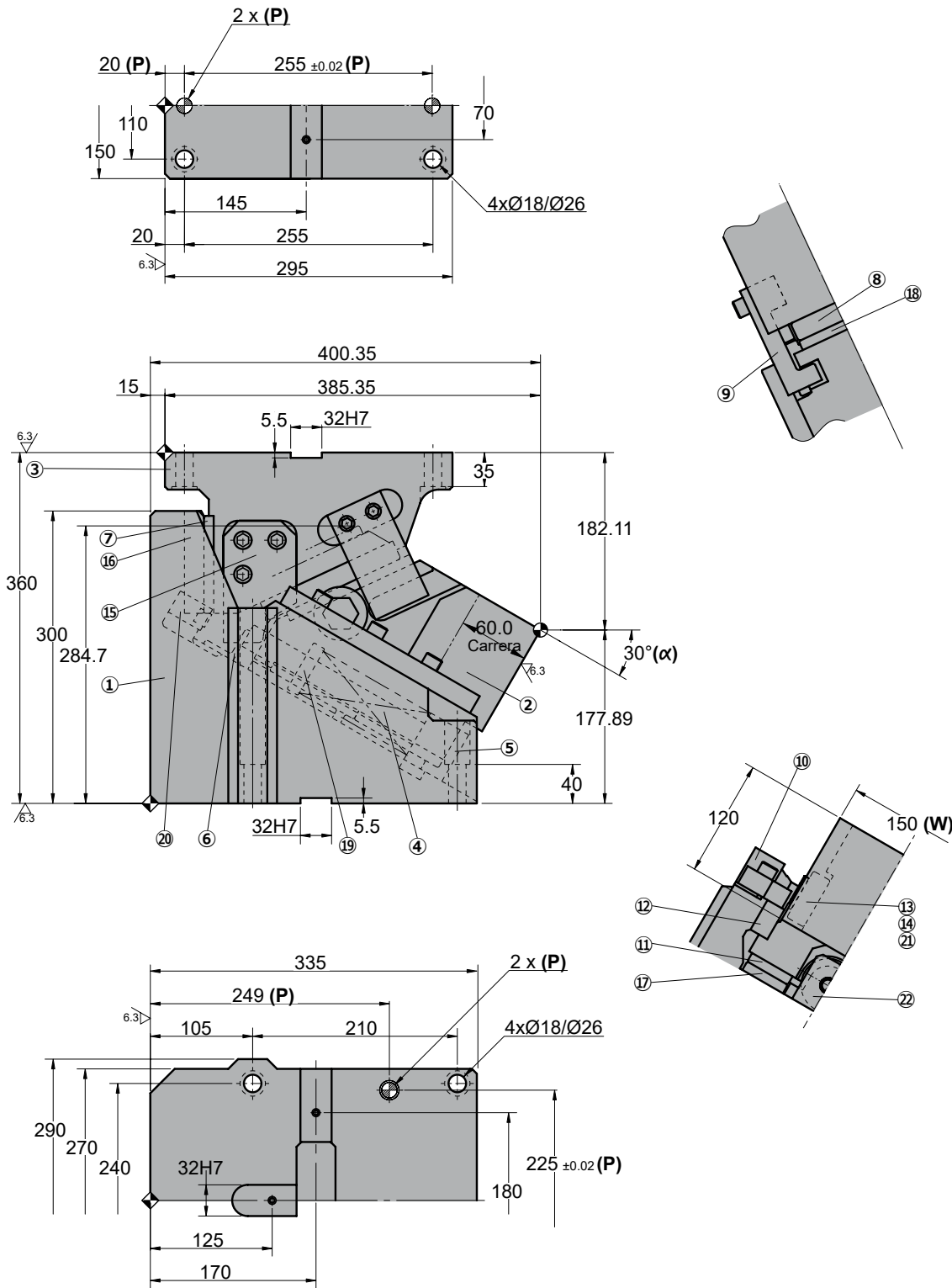
No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	1	CK45
⑲	Washer	1	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	1	TJL50-203

LSPJ 0150

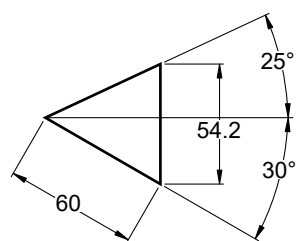
Die mounted cam for pierce and flange



LSPJ 0150 30



◦Cam diagram:



◦Disassembling space:



LSPJ 0150

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	117.6 (12.0)	788.8 (80.3)	3746.8 (381.5)	161.0	LSPJ	0150	30

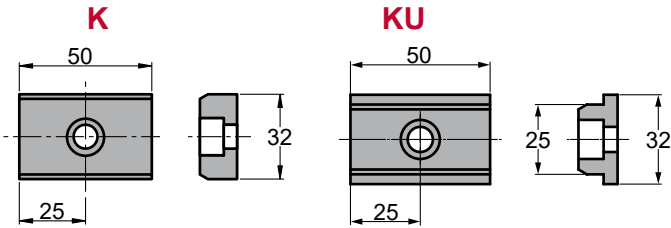


Order: **Model** **(W)** **(α)**
LSPJ 0150 30

Standard order example according to catalog sheet. Add options applying options table contents.

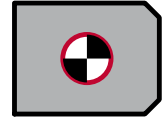
OPTIONS

K - KU



5 x M8x15

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0150 30-K
LSPJ 0150 30-KU
LSPJ 0150 30-K-P16



SPARE PARTS:

⑳ Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	1	CK45
⑤	Spring Guide Block	1	S235
⑥	Bracket	1	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	1	Bronce + G
⑨	Positive Return	1	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	1	CK45
⑲	Washer	1	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	1	TJL50-203

LSPJ 0150

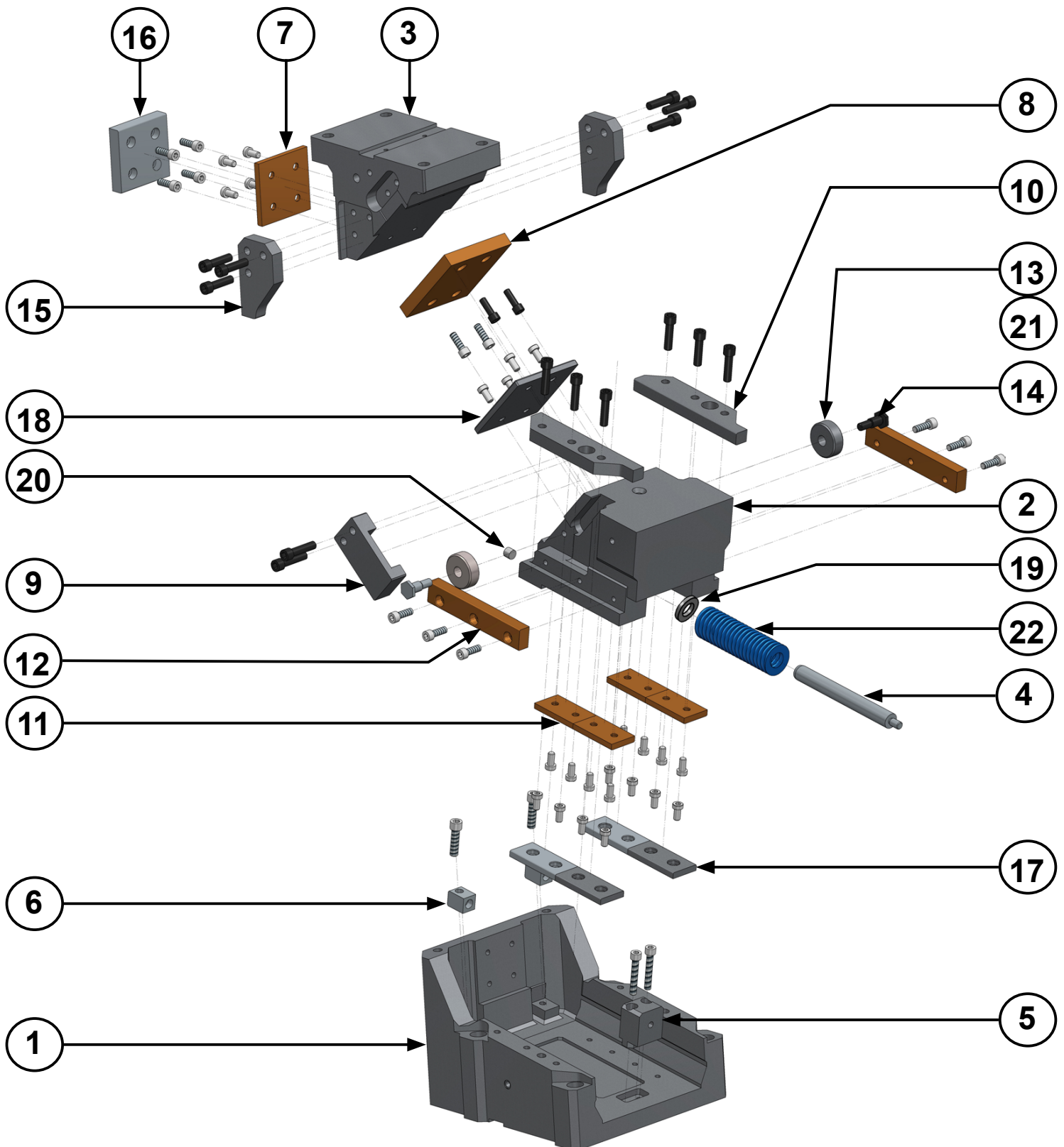


Die mounted cam for pierce and flange



LSPJ 0200

Die mounted cam for pierce and flange

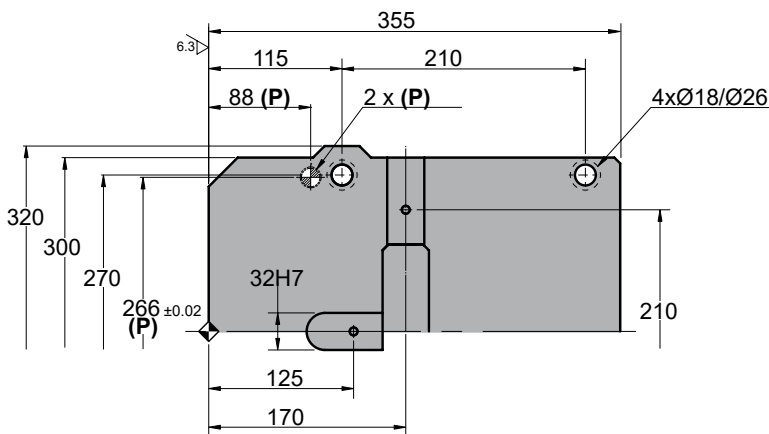
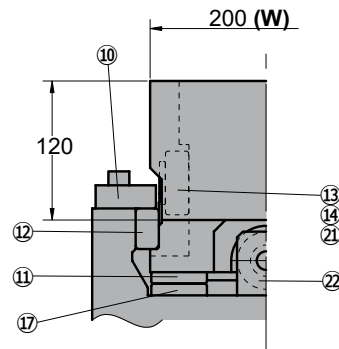
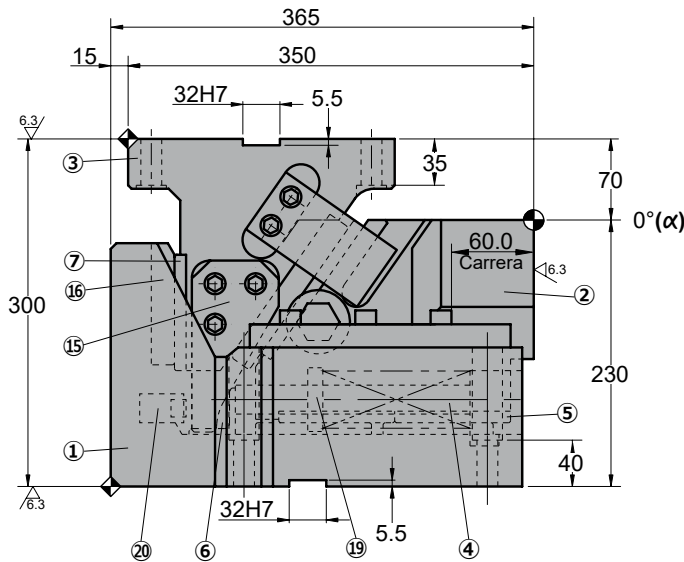
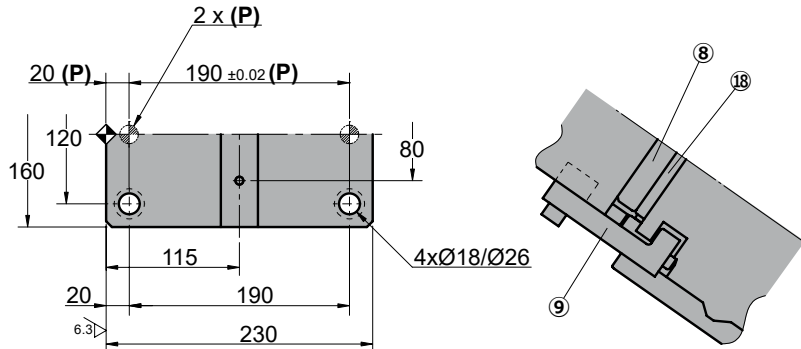


LSPJ 0200

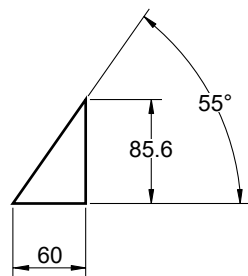
Die mounted cam for pierce and flange



LSPJ 0200 00



◦Cam diagram:



◦Disassembling space:



LSPJ 0200

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	147.0 (15.0)	788.8 (80.3)	3746.8 (381.5)	137.0	LSPJ	0200	00

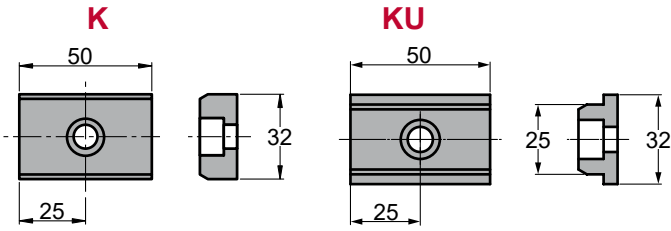


Order: **Model** **(W)** **(α)**
LSPJ 0200 00

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

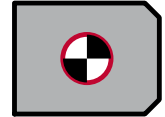


5 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0200 00-K

LSPJ 0200 00-KU

LSPJ 0200 00-K-P16



SPARE PARTS:

② Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	1	CK45
⑤	Spring Guide Block	1	S235
⑥	Bracket	1	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	1	Bronce + G
⑨	Positive Return	1	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

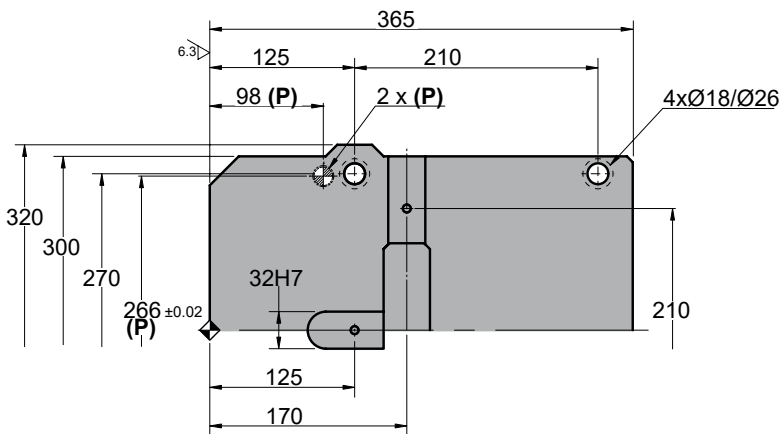
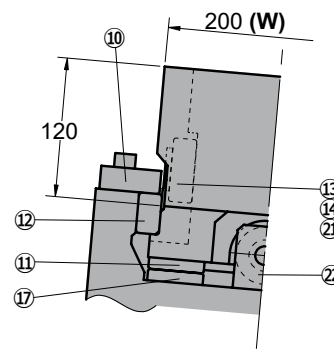
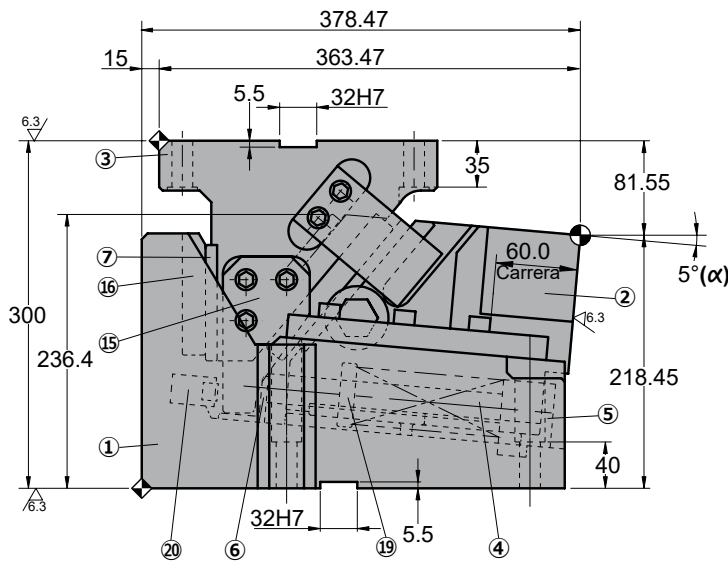
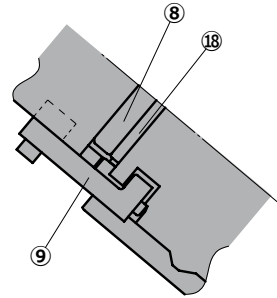
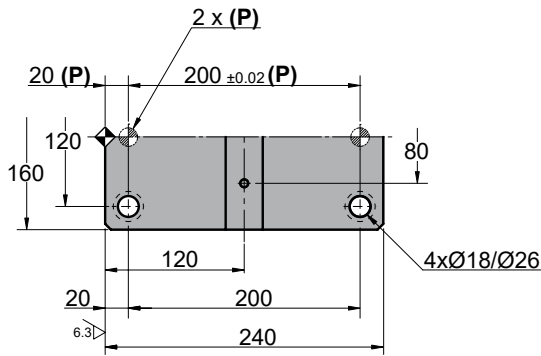
No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	1	CK45
⑲	Washer	1	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	1	TJL50-203

LSPJ 0200

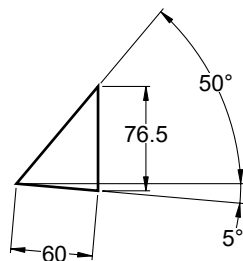
Die mounted cam for pierce and flange



LSPJ 0200 05



◦Cam diagram:



◦Disassembling space:



LSPJ 0200

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	147.0 (15.0)	788.8 (80.3)	3746.8 (381.5)	142.0	LSPJ	0200	05



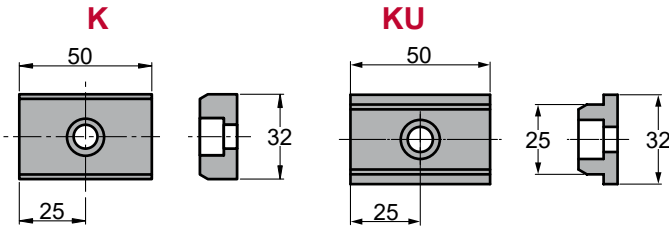
Order: Model (W) (α)

LSPJ 0200 05

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

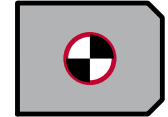


5 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0200 05-K

LSPJ 0200 05-KU

LSPJ 0200 05-K-P16



SPARE PARTS:

② Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	1	CK45
⑤	Spring Guide Block	1	S235
⑥	Bracket	1	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	1	Bronce + G
⑨	Positive Return	1	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	1	CK45
⑲	Washer	1	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	1	TJL50-203



LSPJ 0200

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	147.0 (15.0)	788.8 (80.3)	3746.8 (381.5)	146.0	LSPJ	0200	10



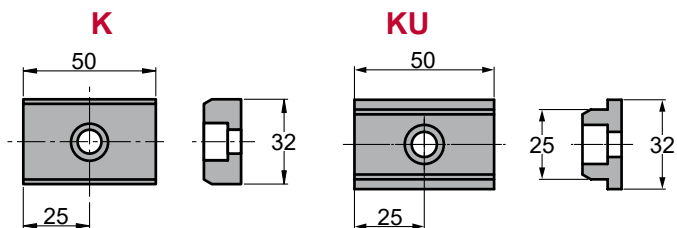
Order: **Model** **(W)** **(α)**

LSPJ 0200 10

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

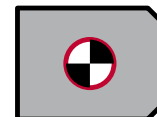


5 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: **Model** **(W)** **(α)-Option**



LSPJ 0200 10-K

LSPJ 0200 10-KU

LSPJ 0200 10-K-P16



SPARE PARTS:

② Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	1	CK45
⑤	Spring Guide Block	1	S235
⑥	Bracket	1	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	1	Bronce + G
⑨	Positive Return	1	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

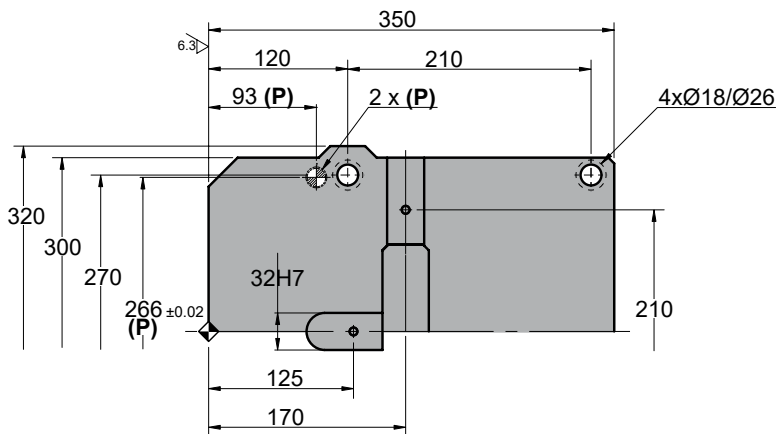
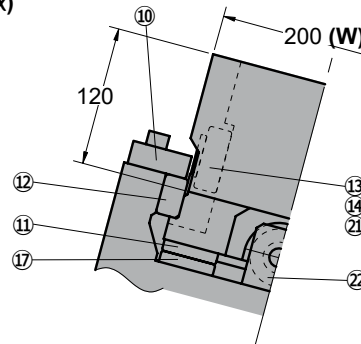
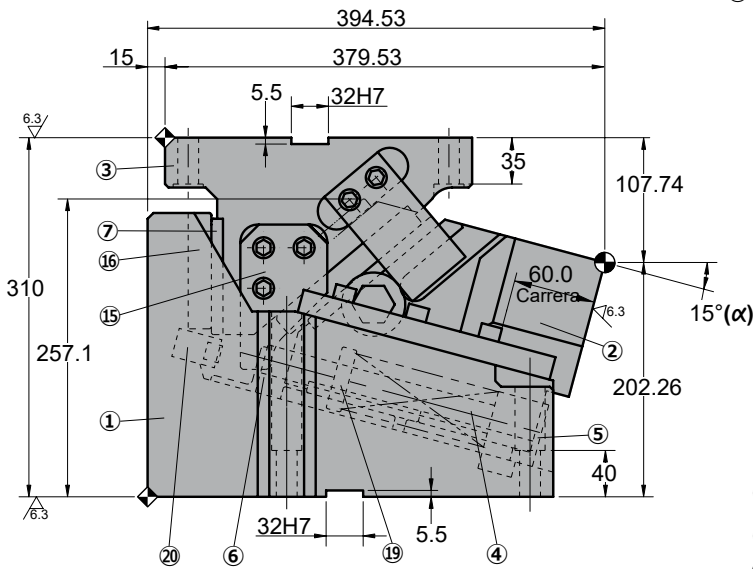
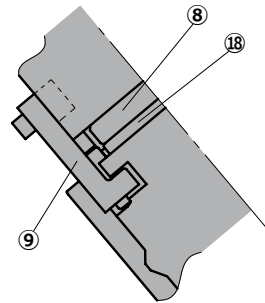
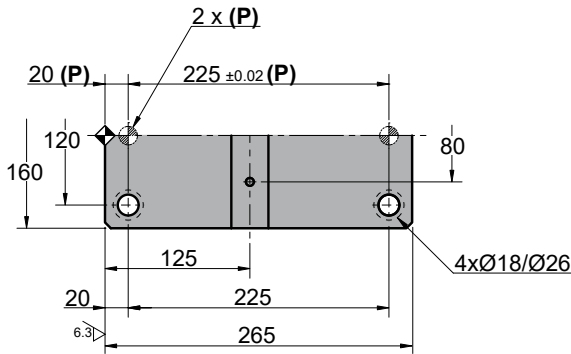
No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	1	CK45
⑲	Washer	1	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	1	TJL50-203

LSPJ 0200

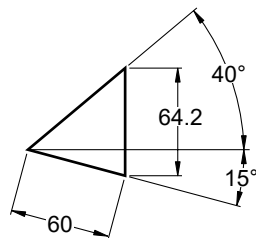
Die mounted cam for pierce and flange



LSPJ 0200 15



◦Cam diagram:



◦Disassembling space:



LSPJ 0200

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	147.0 (15.0)	788.8 (80.3)	3746.8 (381.5)	152.0	LSPJ	0200	15

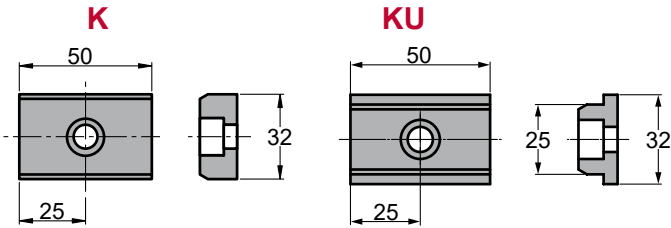


Order: **Model** **(W)** **(α)**
LSPJ 0200 15

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

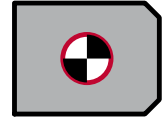


5 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0200 15-K

LSPJ 0200 15-KU

LSPJ 0200 15-K-P16



SPARE PARTS:

② Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	1	CK45
⑤	Spring Guide Block	1	S235
⑥	Bracket	1	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	1	Bronce + G
⑨	Positive Return	1	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

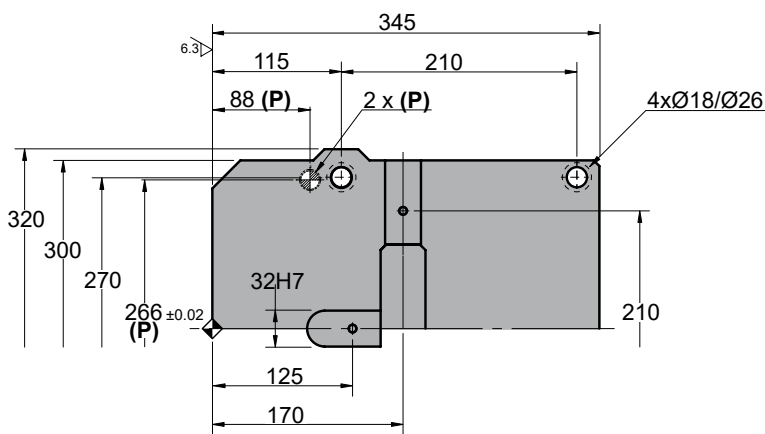
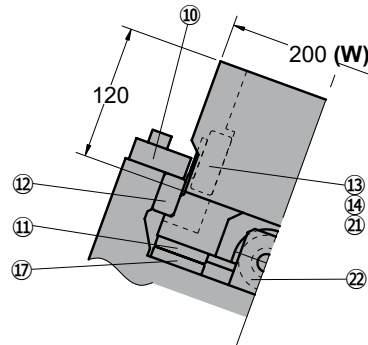
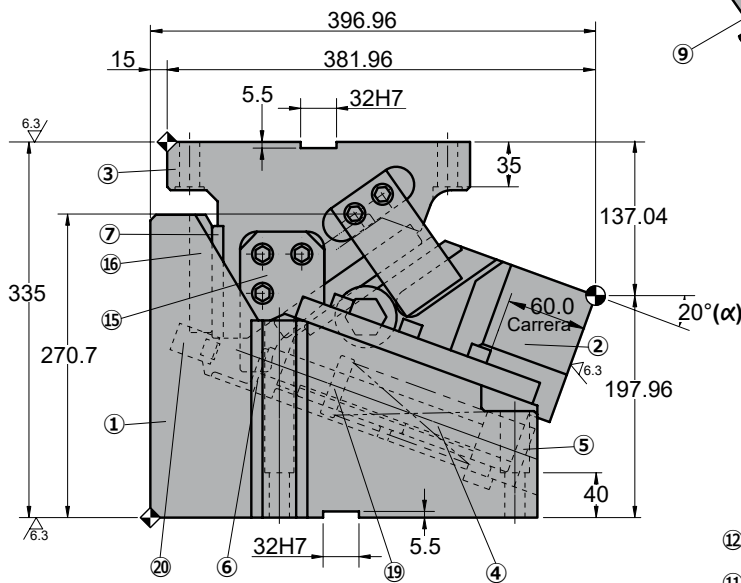
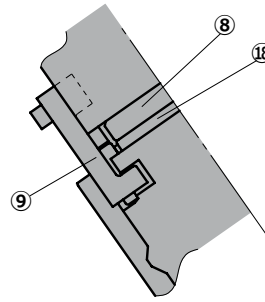
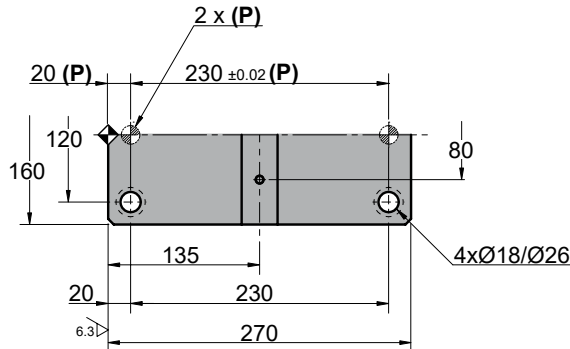
No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	1	CK45
⑲	Washer	1	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	1	TJL50-203

LSPJ 0200

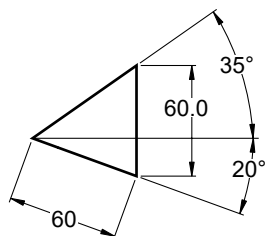
Die mounted cam for pierce and flange



LSPJ 0200 20



◦Cam diagram:



◦Disassembling space:



LSPJ 0200

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	147.0 (15.0)	788.8 (80.3)	3746.8 (381.5)	160.0	LSPJ	0200	20

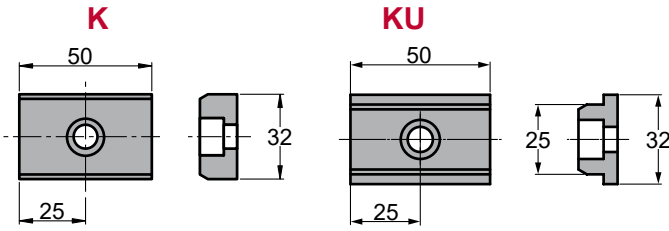


Order: Model (W) (α)
LSPJ 0200 20

Standard order example according to catalog sheet.
 Add options applying options table contents.

OPTIONS

K - KU

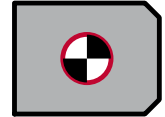


5 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0200 20-K

LSPJ 0200 20-KU

LSPJ 0200 20-K-P16



SPARE PARTS:

⑳ Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	1	CK45
⑤	Spring Guide Block	1	S235
⑥	Bracket	1	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	1	Bronce + G
⑨	Positive Return	1	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

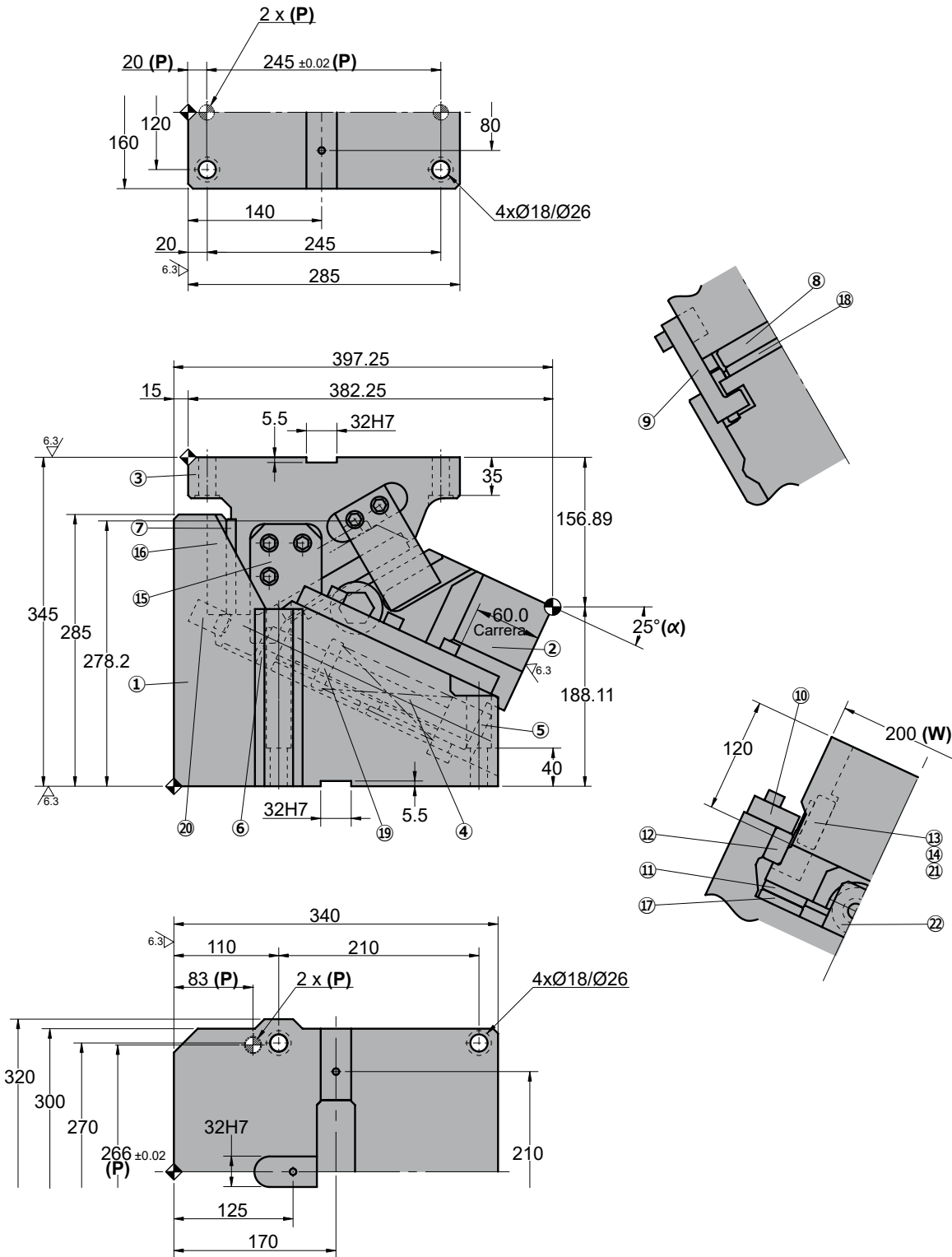
No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	1	CK45
⑲	Washer	1	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	1	TJL50-203

LSPJ 0200

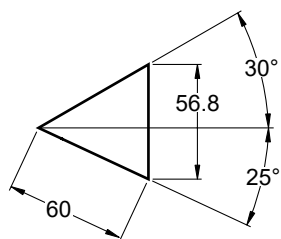
Die mounted cam for pierce and flange



LSPJ 0200 25



◦Cam diagram:



◦Disassembling space:



LSPJ 0200

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	147.0 (15.0)	788.8 (80.3)	3746.8 (381.5)	165.0	LSPJ	0200	25

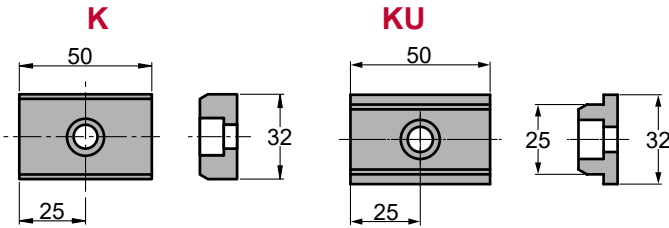


Order: **Model** **(W)** **(α)**
LSPJ 0200 25

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

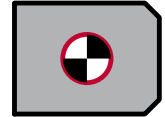


5 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0200 25-K

LSPJ 0200 25-KU

LSPJ 0200 25-K-P16



SPARE PARTS:

② Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	1	CK45
⑤	Spring Guide Block	1	S235
⑥	Bracket	1	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	1	Bronce + G
⑨	Positive Return	1	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	1	CK45
⑲	Washer	1	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	1	TJL50-203



LSPJ 0200

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	147.0 (15.0)	788.8 (80.3)	3746.8 (381.5)	172.0	LSPJ	0200	30

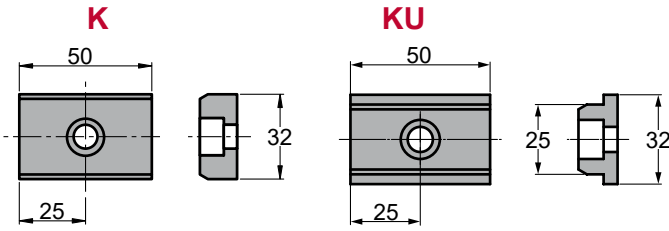


Order: **Model** **(W)** **(α)**
LSPJ 0200 30

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

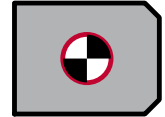


5 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0200 30-K

LSPJ 0200 30-KU

LSPJ 0200 30-K-P16



SPARE PARTS:

② Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	1	CK45
⑤	Spring Guide Block	1	S235
⑥	Bracket	1	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	1	Bronce + G
⑨	Positive Return	1	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	1	CK45
⑲	Washer	1	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	1	TJL50-203

LSPJ 0200

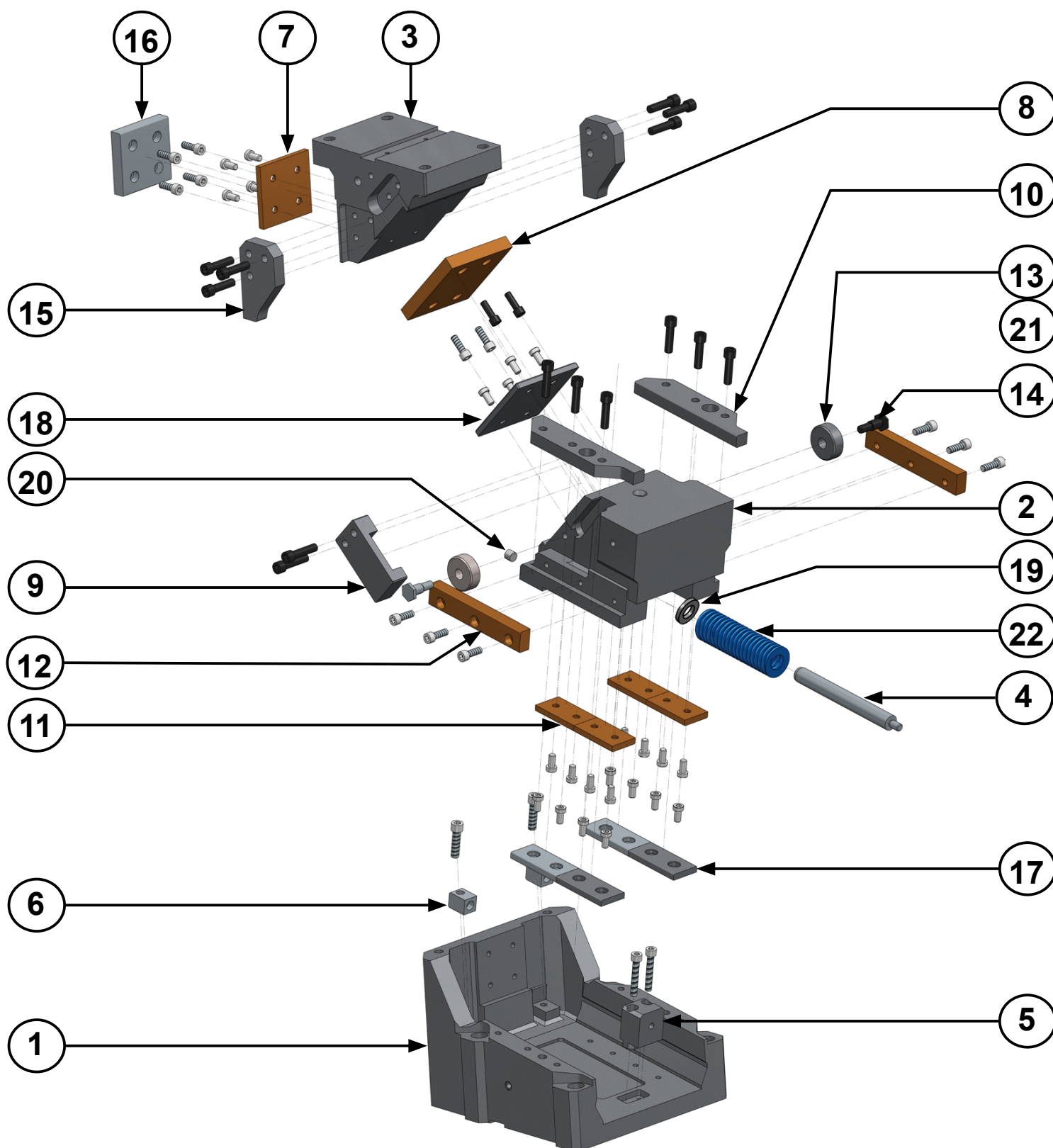


Die mounted cam for pierce and flange



LSPJ 0300

Die mounted cam for pierce and flange

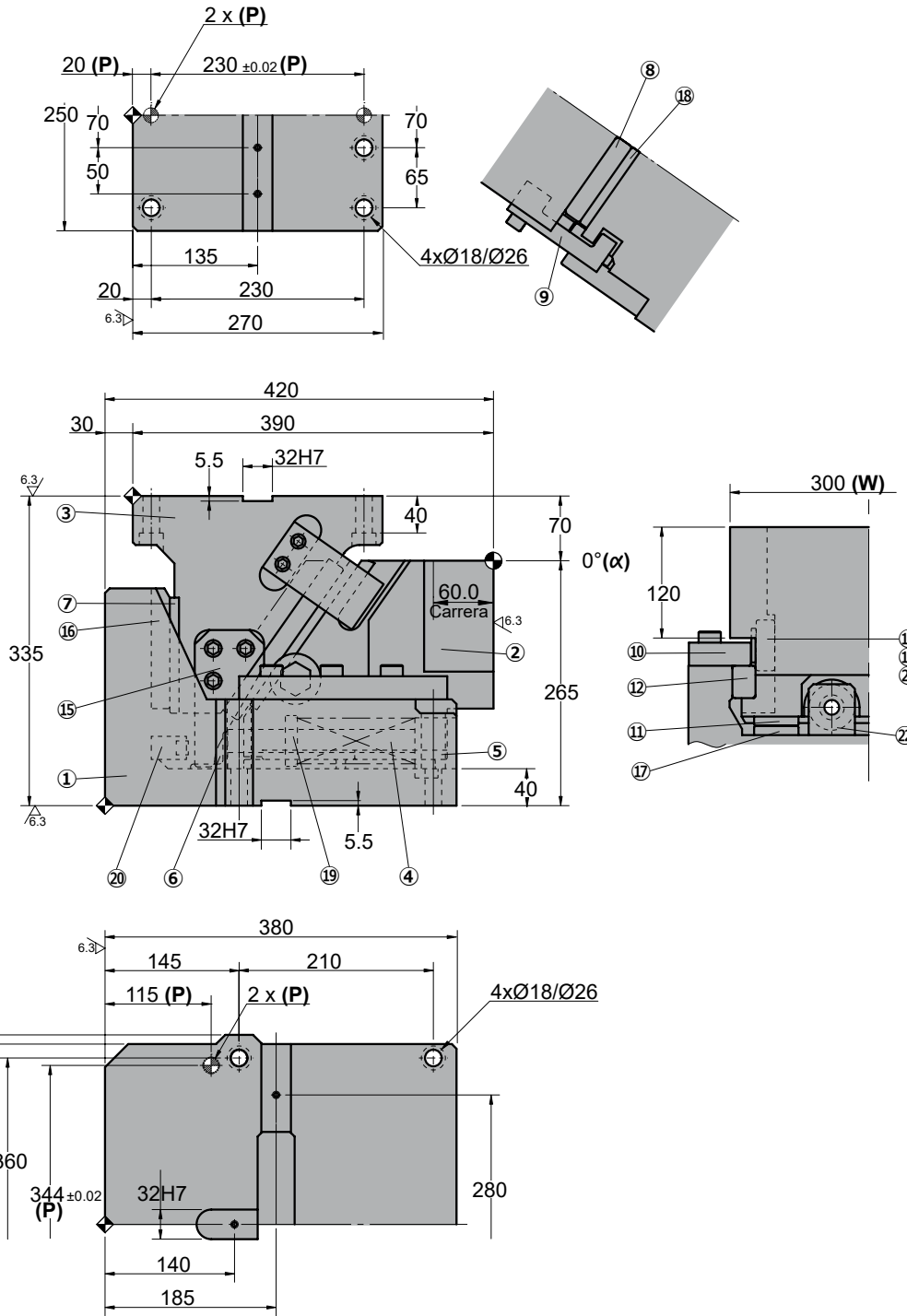


LSPJ 0300

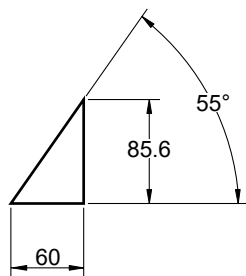
Die mounted cam for pierce and flange



LSPJ 0300 00



◦Cam diagram:



◦Disassembling space:



LSPJ 0300

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	294.0 (30.0)	1577.6 (160.6)	7493.6 (763.0)	243.0	LSPJ	0300	00



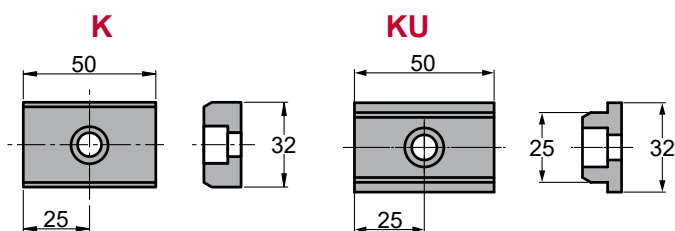
Order: **Model** **(W)** **(α)**

LSPJ 0300 00

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

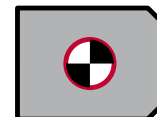


7 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: **Model** **(W)** **(α)-Option**



LSPJ 0300 00-K

LSPJ 0300 00-KU

LSPJ 0300 00-K-P16



SPARE PARTS:

⑳ Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	2	CK45
⑤	Spring Guide Block	2	S235
⑥	Bracket	2	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	2	Bronce + G
⑨	Positive Return	2	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

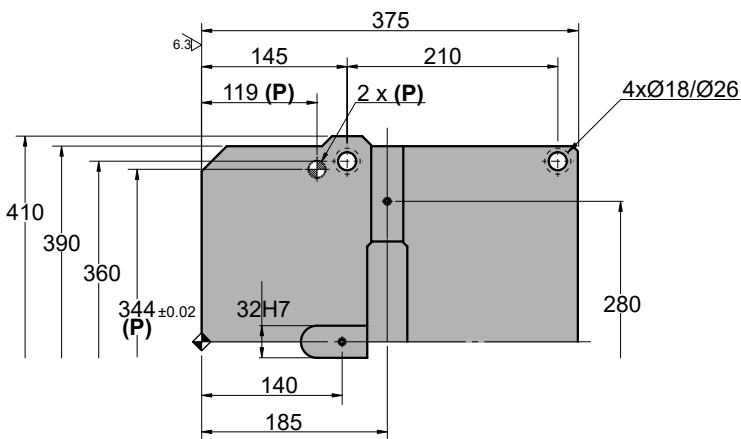
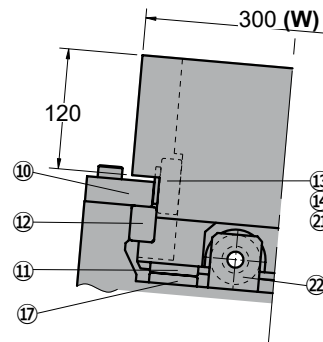
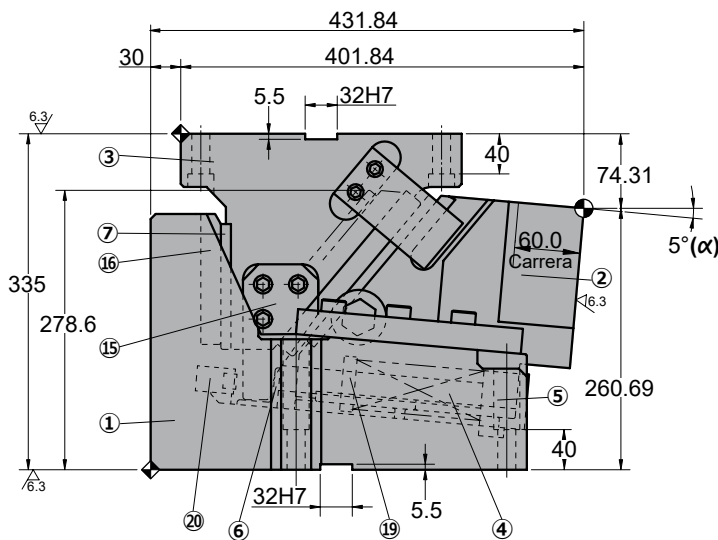
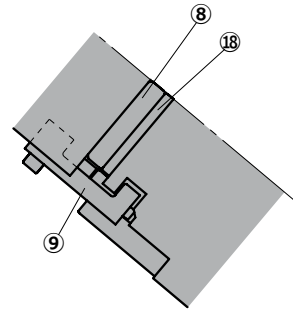
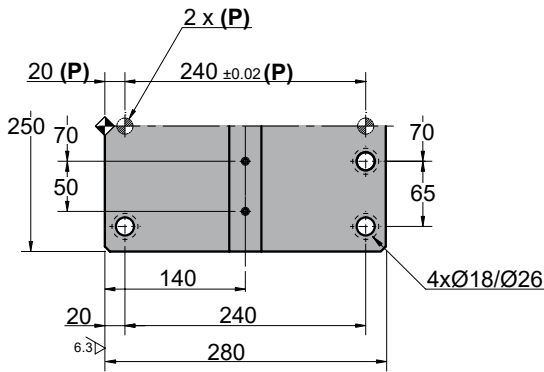
No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	2	CK45
⑲	Washer	2	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	2	TJL50-203

LSPJ 0300

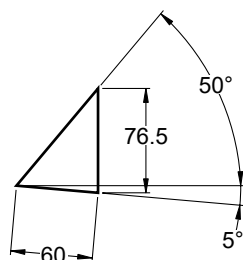
Die mounted cam for pierce and flange



LSPJ 0300 05



◦Cam diagram:



◦Disassembling space:



LSPJ 0300

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	294.0 (30.0)	1577.6 (160.6)	7493.6 (763.0)	250.0	LSPJ	0300	05



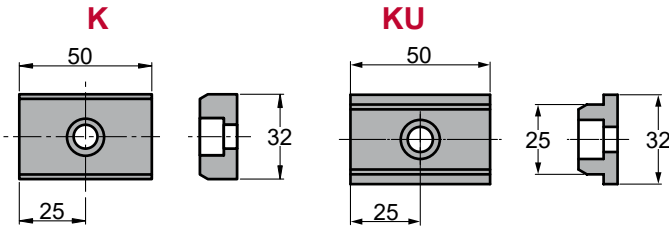
Order: Model (W) (α)

LSPJ 0300 05

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

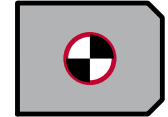


7 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0300 05-K

LSPJ 0300 05-KU

LSPJ 0300 05-K-P16



SPARE PARTS:

② Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	2	CK45
⑤	Spring Guide Block	2	S235
⑥	Bracket	2	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	2	Bronce + G
⑨	Positive Return	2	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

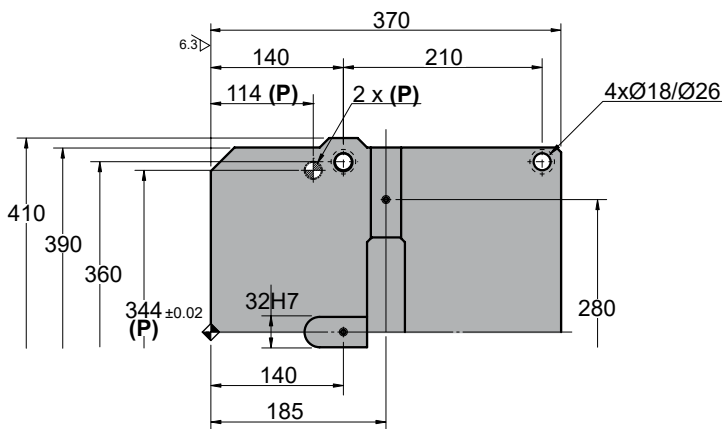
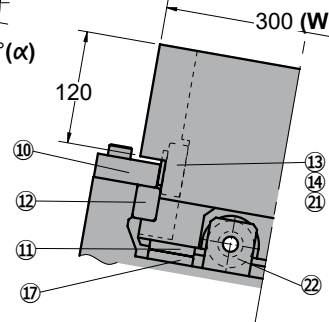
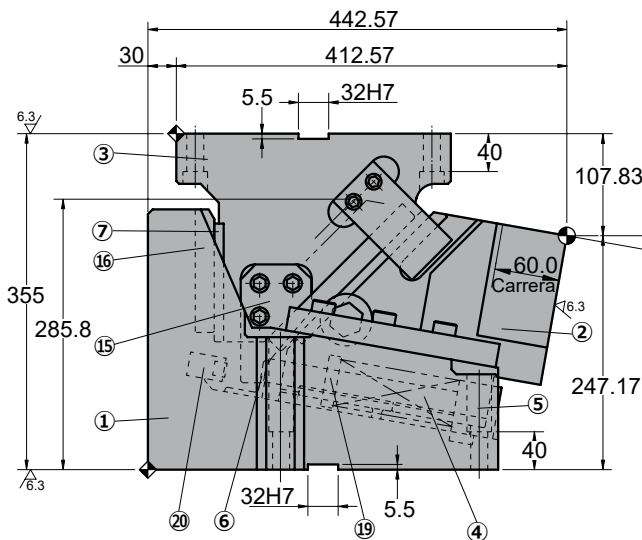
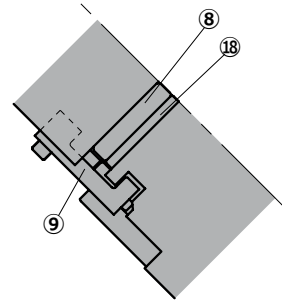
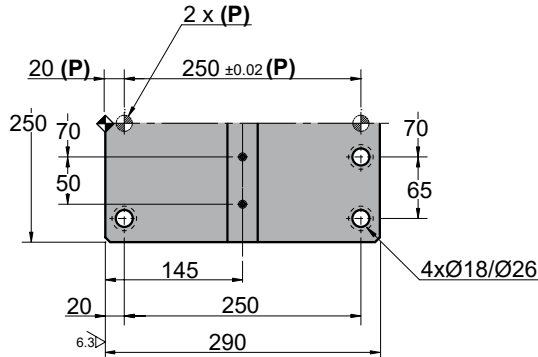
No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	2	CK45
⑲	Washer	2	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	2	TJL50-203

LSPJ 0300

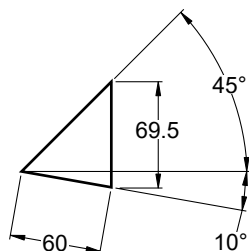
Die mounted cam for pierce and flange



LSPJ 0300 10



◦Cam diagram:



◦Disassembling space:



LSPJ 0300

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	294.0 (30.0)	1577.6 (160.6)	7493.6 (763.0)	261.0	LSPJ	0300	10

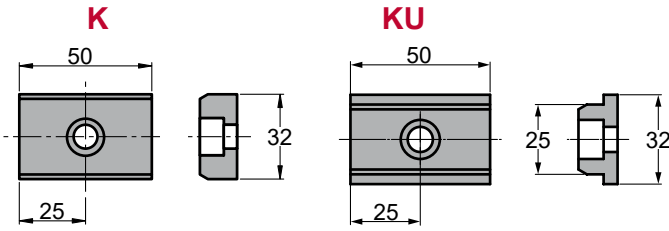


Order: Model (W) (α)
LSPJ 0300 10

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

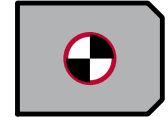


7 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0300 10-K

LSPJ 0300 10-KU

LSPJ 0300 10-K-P16



SPARE PARTS:

⑳ Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	2	CK45
⑤	Spring Guide Block	2	S235
⑥	Bracket	2	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	2	Bronce + G
⑨	Positive Return	2	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

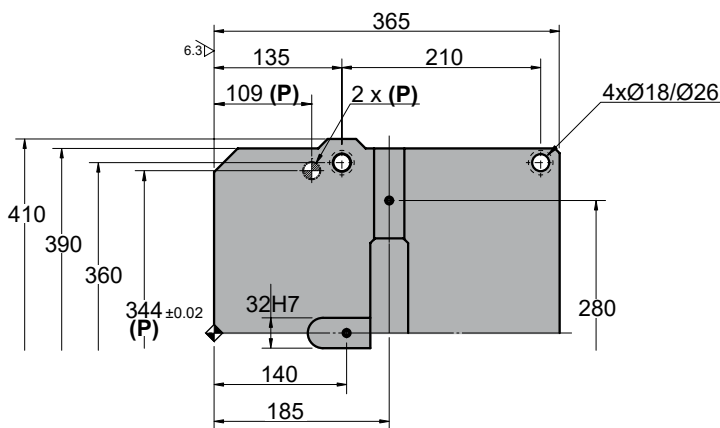
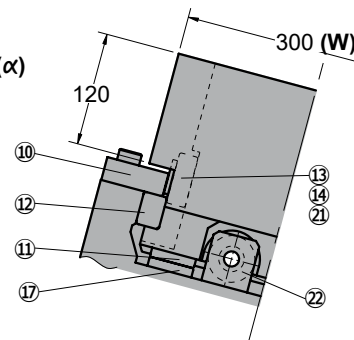
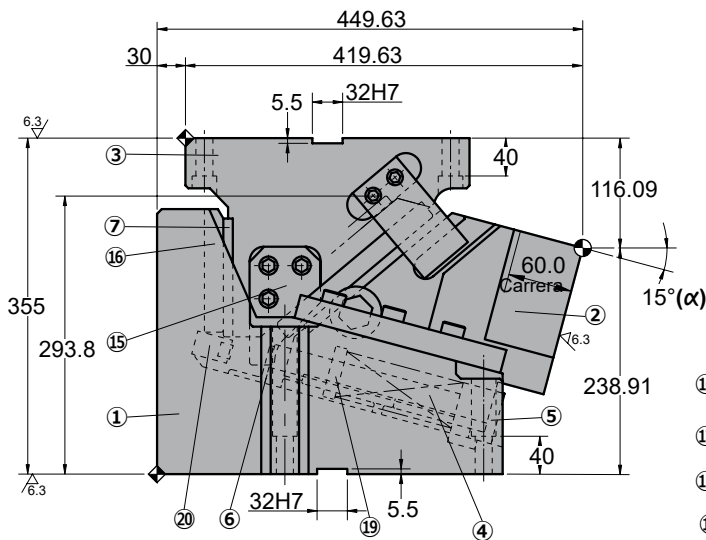
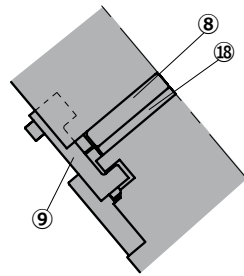
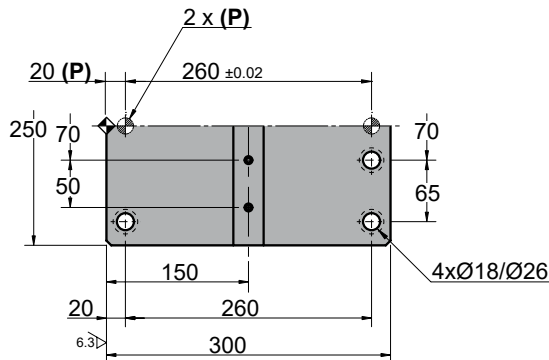
No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	2	CK45
⑲	Washer	2	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	2	TJL50-203

LSPJ 0300

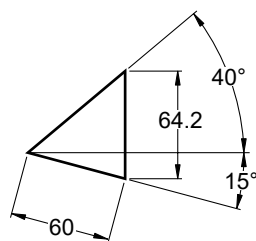
Die mounted cam for pierce and flange



LSPJ 0300 15



◦Cam diagram:



◦Disassembling space:



LSPJ 0300

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	294.0 (30.0)	1577.6 (160.6)	7493.6 (763.0)	263.0	LSPJ	0300	15

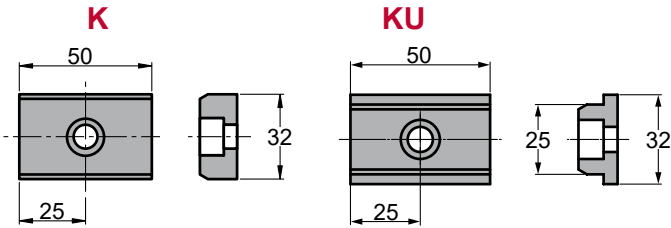


Order: **Model** **(W)** **(α)**
LSPJ 0300 15

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

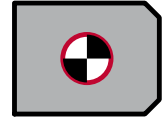


7 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0300 15-K

LSPJ 0300 15-KU

LSPJ 0300 15-K-P16



SPARE PARTS:

② Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	2	CK45
⑤	Spring Guide Block	2	S235
⑥	Bracket	2	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	2	Bronce + G
⑨	Positive Return	2	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

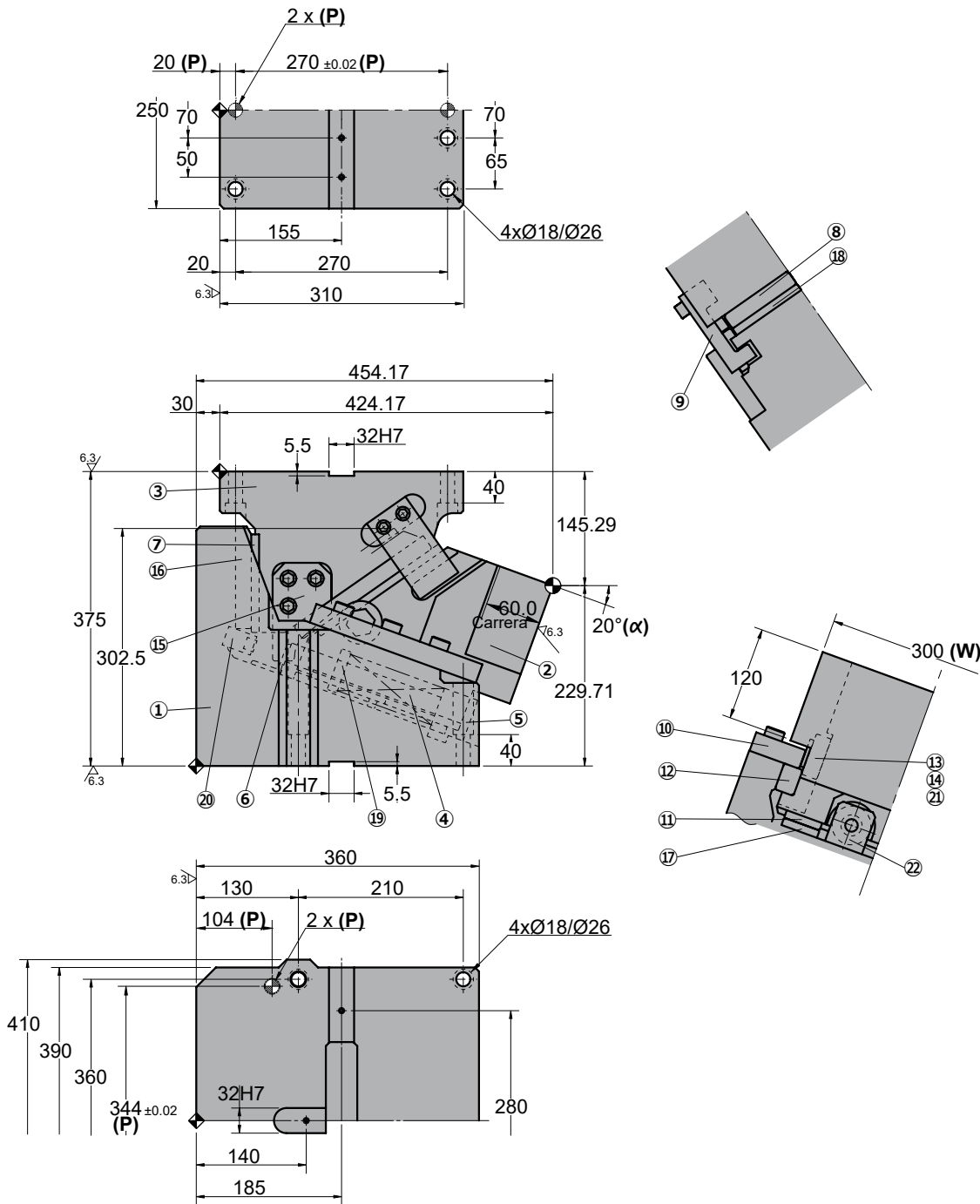
No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	2	CK45
⑲	Washer	2	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	2	TJL50-203

LSPJ 0300

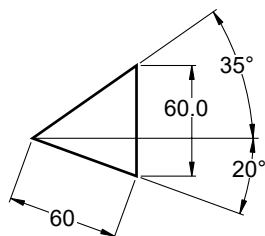
Die mounted cam for pierce and flange



LSPJ 0300 20



◦Cam diagram:



◦Disassembling space:



LSPJ 0300

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	294.0 (30.0)	1577.6 (160.6)	7493.6 (763.0)	275.0	LSPJ	0300	20

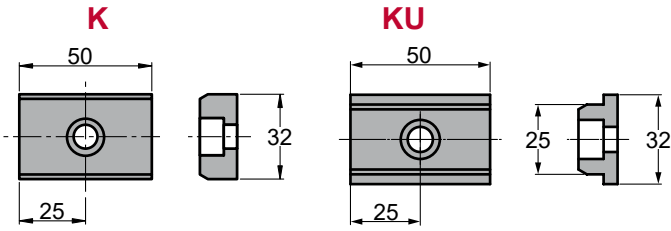


Order: **Model** **(W)** **(α)**
LSPJ 0300 20

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

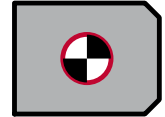


7 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0300 20-K

LSPJ 0300 20-KU

LSPJ 0300 20-K-P16



SPARE PARTS:

⑳ Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	2	CK45
⑤	Spring Guide Block	2	S235
⑥	Bracket	2	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	2	Bronce + G
⑨	Positive Return	2	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

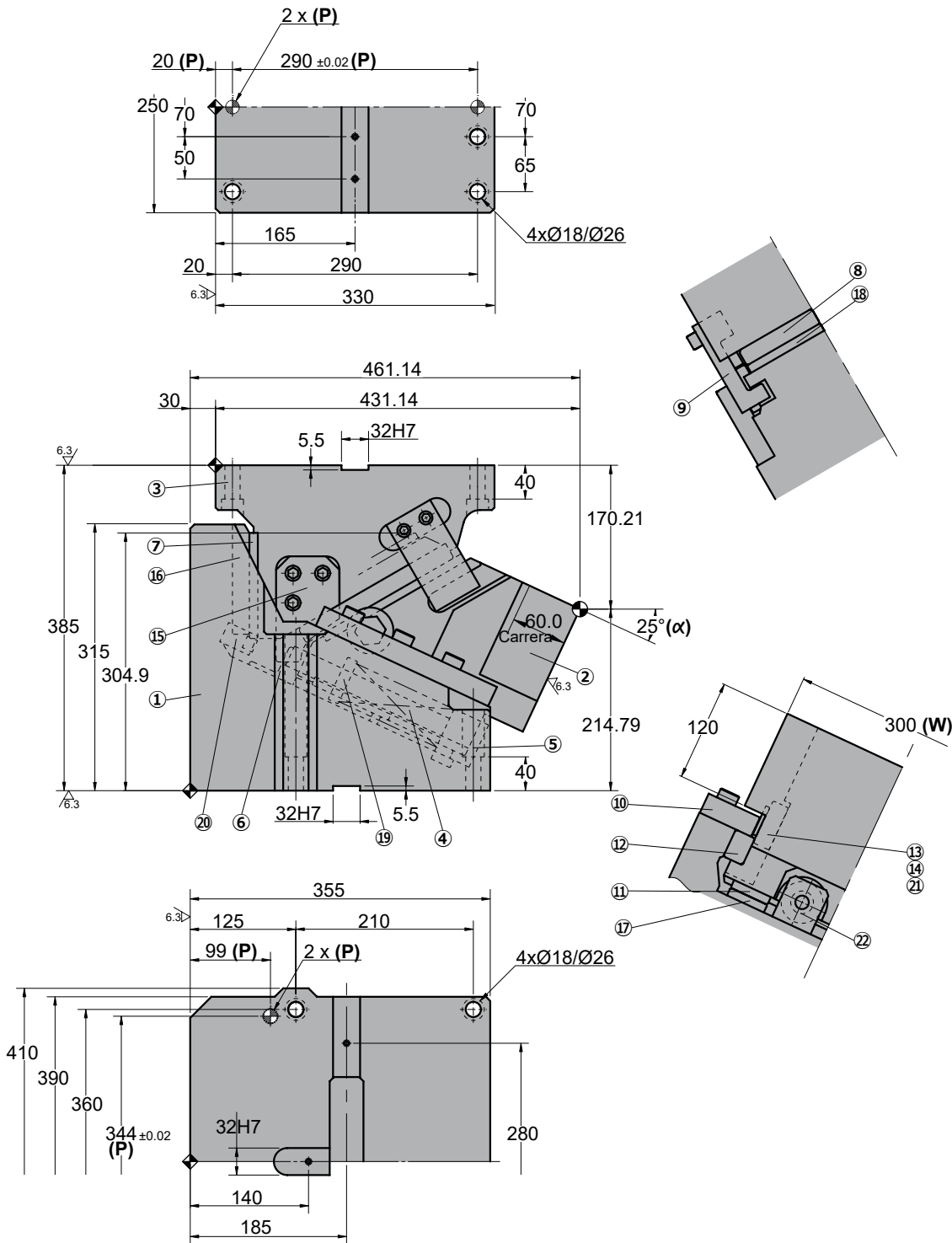
No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	2	CK45
⑲	Washer	2	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	2	TJL50-203

LSPJ 0300

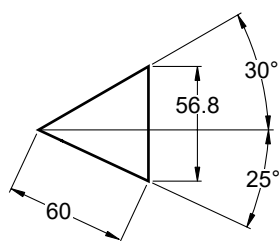
Die mounted cam for pierce and flange



LSPJ 0300 25



◦Cam diagram:



◦Disassembling space:



LSPJ 0300

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	294.0 (30.0)	1577.6 (160.6)	7493.6 (763.0)	287.0	LSPJ	0300	25



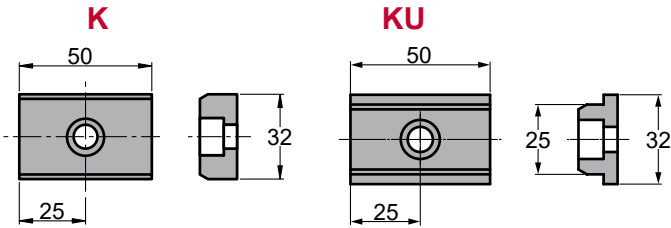
Order: Model (W) (α)

LSPJ 0300 25

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

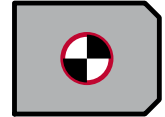


7 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0300 25-K

LSPJ 0300 25-KU

LSPJ 0300 25-K-P16



SPARE PARTS:

② Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	2	CK45
⑤	Spring Guide Block	2	S235
⑥	Bracket	2	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	2	Bronce + G
⑨	Positive Return	2	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

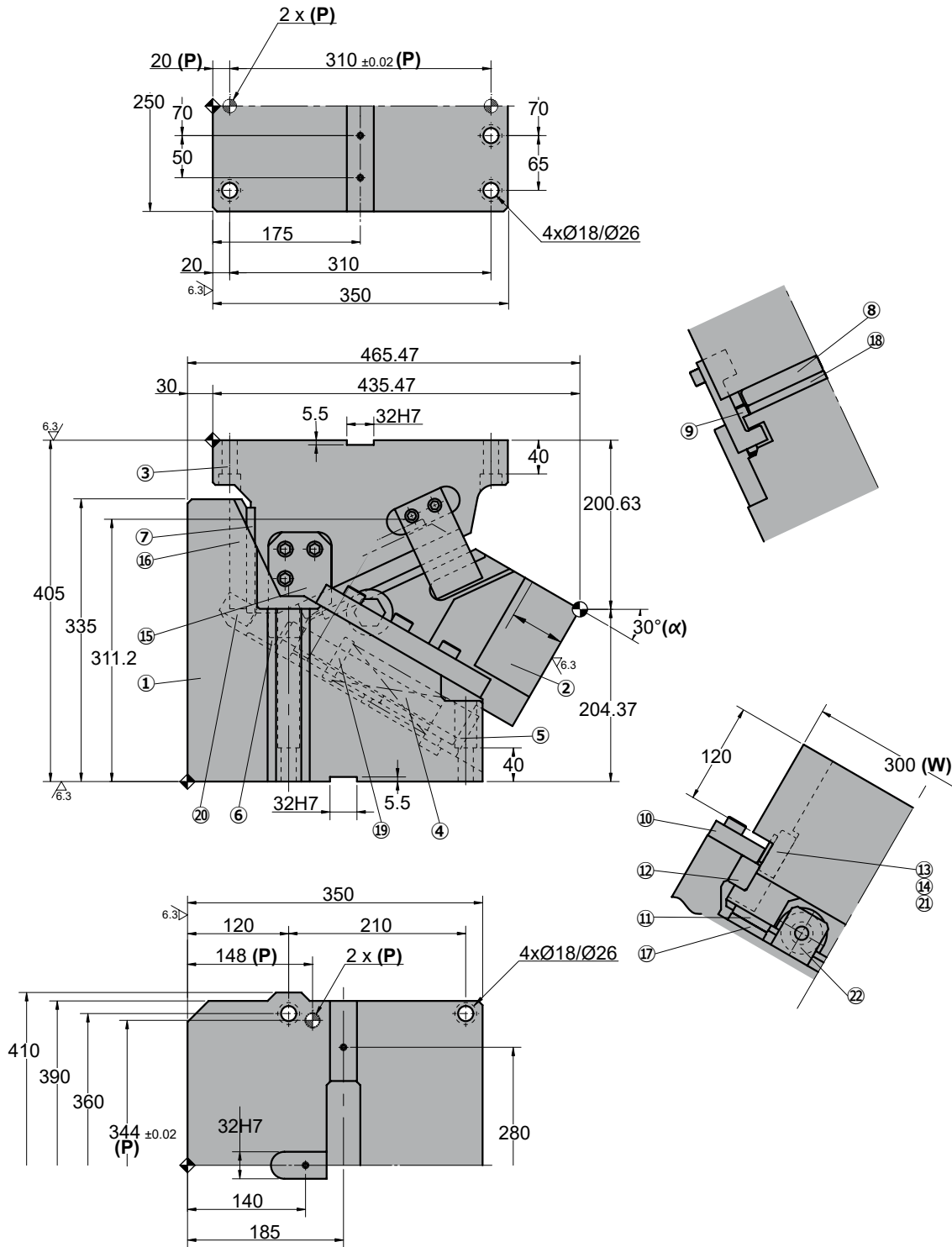
No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	2	CK45
⑲	Washer	2	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	2	TJL50-203

LSPJ 0300

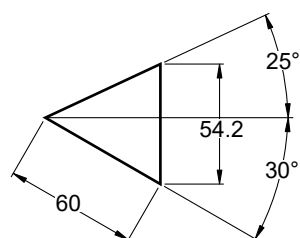
Die mounted cam for pierce and flange



LSPJ 0300 30



◦Cam diagram:



◦Disassembling space:



LSPJ 0300

Die mounted cam for pierce and flange

Stroke (mm)	Working force kN - (tons)	Spring Force N - (kgf)		Weight (Kg)	Model	W (mm)	α (mm)
		Initial F ₀	Final F ₁				
60.0	294.0 (30.0)	1577.6 (160.6)	7493.6 (763.0)	303.0	LSPJ	0300	30

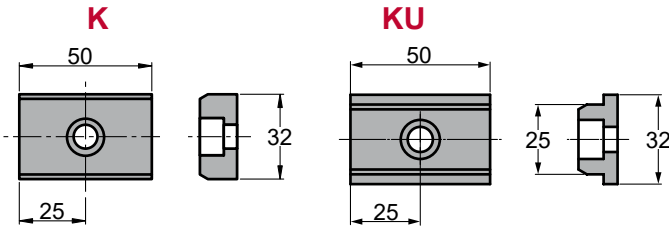


Order: **Model** **(W)** **(α)**
LSPJ 0300 30

Standard order example according to catalog sheet. Add options applying options table contents.

OPTIONS

K - KU

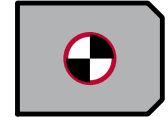


7 x M8x15

KEY

KU

P PINS



P16 - Ø16 H7

Order Options: Model (W) (α)-Option



LSPJ 0300 30-K

LSPJ 0300 30-KU

LSPJ 0300 30-K-P16



SPARE PARTS:

② Coil Spring

COMPONENTS

No.	Descripción	Qty.	Material
①	Cam Holder	1	GG30
②	Cam Slider	1	GGG60
③	Cam Driver	1	GG30
④	Spring Guide Pin	2	CK45
⑤	Spring Guide Block	2	S235
⑥	Bracket	2	S235
⑦	Enlarger Plate	1	Bronce + G
⑧	Holder Plate	2	Bronce + G
⑨	Positive Return	2	CK45
⑩	Upper Plate	2	CK45
⑪	Lower Plate	4	Bronce + G
⑫	Cam Slider Plate	2	Bronce + G
⑬	Bushing	2	Bronce + G
⑭	Shaft	2	CK45
⑮	Roller Guide	2	CK45

No.	Descripción	Qty.	Material
⑯	Back Plate	1	CK45
⑰	Slider Plate A	4	CK45
⑱	Slider Plate B	2	CK45
⑲	Washer	2	CK45
⑳	Stopper	2	Goma
㉑	Roller	2	CK45
㉒	Coil Spring	2	TJL50-203

LSPJ 0300



Die mounted cam for pierce and flange