



PRESS BRAKE TOOLS

KMC / EURO Style

- Punches
- Dies
- Radius tools
- Hemming tools
- Adapters and holders

Company

Established in the year 2016, Krish Metal Corporation is acclaimed among the renowned manufacturers and service provider of a supreme quality range of Press Brake Tools, Forming Tool Dies, Shearing Machine Knives, Machine Guide-ways, Shearing Blade Resharpener Service etc.



Press brake bending is the most general industrial process today to obtain the controlled deformation of the sheetmetal in cold with the use of press brake power (hydraulic or electric system) to obtain necessary force with the travel of the beam together with the upper punch. Today, press brake machinery is used for every workshop and jobshop connected with sheetmetal fabrication.

According to the geometry of the bend and form of bending tools it is possible to get the required deformation with the desired angle and shape. We are able to provide tools for any press brake technical process: air-bending, coining or stamping and bottom bending. According to the clamping part of tools we can support most of the used press brake machines in the world. Together with standard geometries customized tooling is also possible to supply.

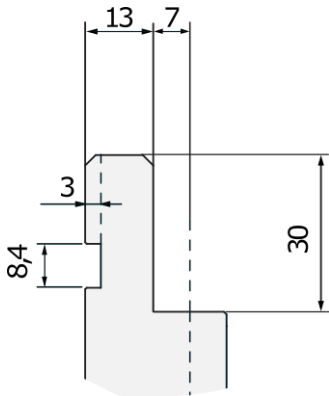


Stock and deliveries

Availability on stock for most common positions allows offering from our side the possibilities 24h; 48h and 72h deliveries which grants to our customers the receipt of tooling in the most shortest times.

Moreover we are trying to study all the projects with the possibility to offer standard tools with the short delivery time and more effective prices.

KMC tool system



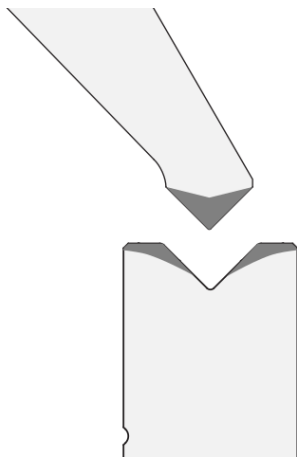
KMC tool system is used with various press brake machines manufacturers including the following trademarks* but not limited:

Adira, AM Machinery, Amada, Axial, Baykal, Boschert, Bystronic, CMU, CoastOne, Colgar, Colly, Gilardi, Guifil, Dener Makina, Deratech, Durma, Edward Pearson, Ermaksan, Femas, Fratelli Farina, GADE, Gasparini, Gecko, HACO (Atlantic), Hammerle, Hesse, Hezinger, IMAL, Ironmac, ITEK, Jean Perrot, Jodri, KAAST, Karmet, Kingsland, Knuth, Mecos, MVD, Nargesa, OMAG, Peliant, Rico, Salvagnini, Schiavi, SMD, STR, Tabama, Teda, Vicla, Vimercati, Warcom, Yangli, YSD etc.

Please be informed that the present catalog is dedicated to the standard configuration of KMC tool clamping. If there is any modification please contact us to verify.

* KMC is not affiliated or connected with the mentioned trademarks and manufacturers and they are specified only for information purposes

Induction hardening






Our tools are passed through induction hardening process to have the maximum protection and hardness on the working areas where the tool has the contact with part during the bending process.

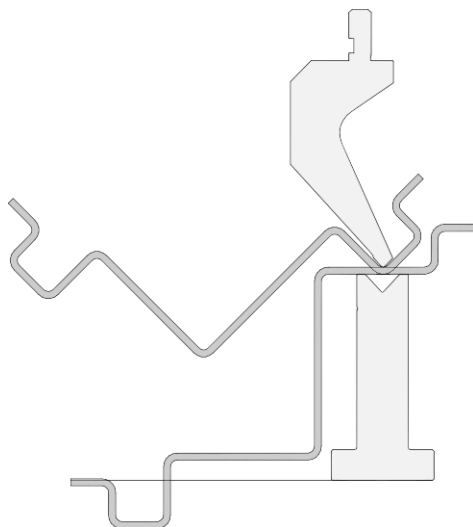
Standard declared hardness is 55-60 HRC. Depth is 3-4 mm.

Used materials

Our standard tools have 3 different materials which are indicated with color boxes:

	Material	Internal resistance
	ECONOMY C45	650 / 680 N/mm ²
	PRODUCTION C45 quenched	800 / 850 N/mm ²
	PROFESSIONAL Cr42Mo4	1000 / 1100 N/mm ²

Bending visualization



If you have doubts or request the digital visualization of bending sequence to verify possible collisions with the machine, tooling and part we can provide it under request. We also can offer the service to complete the list of necessary tools according to the drawing of your part.

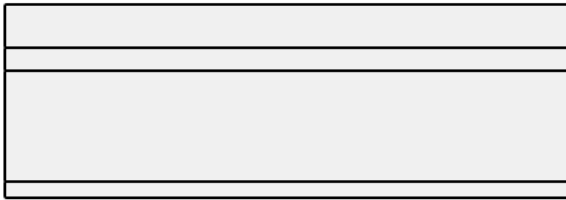
If customer request the detailed technological configuration based on specific machine and all steps together with the positioning of backgauge this service could be provided for additional charges.

CNC tooling libraries

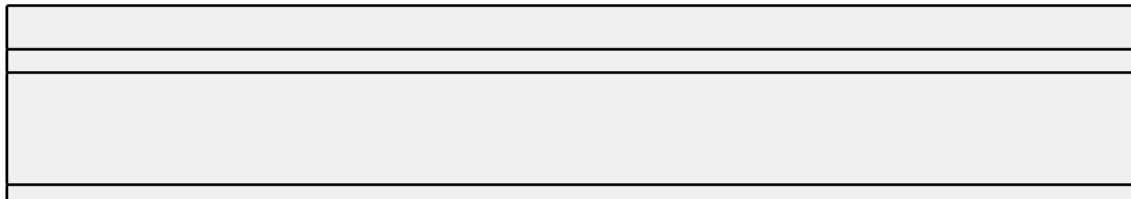
For any tooling part sold by us you can receive the actual 2D geometry in DXF for import into your CNC tool library.

STANDARD AVAILABLE LENGTH FOR PUNCHES

Solid piece L=415 mm

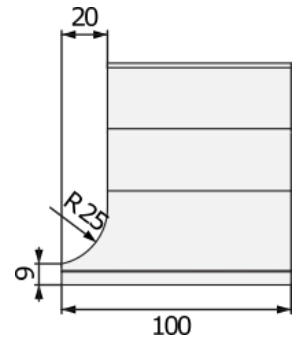
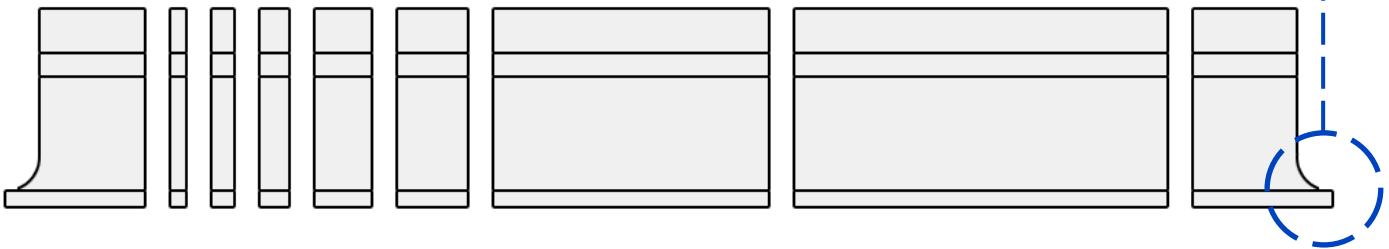


Solid piece L=835 mm



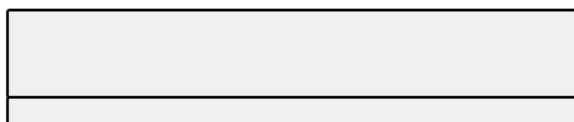
Sectioned pieces with total L=805 mm:

(Horn L 100 mm + 10 mm + 15 mm + 20 mm + 40 mm + 50 mm + 200 mm + 270 mm + Horn R 100 mm)

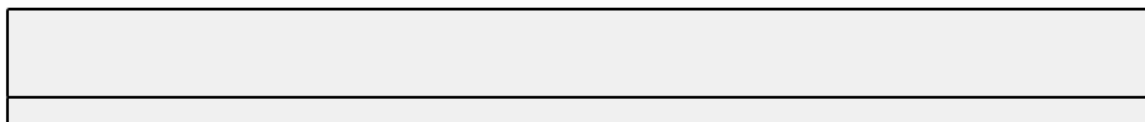


STANDARD AVAILABLE LENGTH FOR DIES

Solid piece L=415 mm

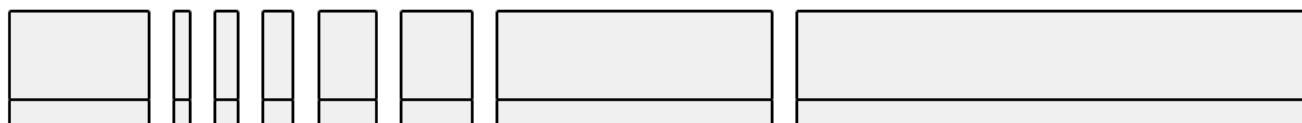


Solid piece L=835 mm



Sectioned pieces with total L=805 mm:

(100 mm + 10 mm + 15 mm + 20 mm + 40 mm + 50 mm + 200 mm + 370 mm)

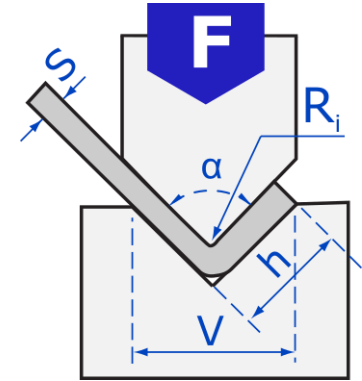


CALCULATION OF BENDING FORCE

Calculation of bending force together with main bending parameters allows for the operator to choose correctly the necessary tools as well as to justify the maximum requirements for bend according to the specification of press brake.

LEGEND:

- S** Sheet metal thickness
- V** Die opening
- R_i** Internal radius of bend
- TS** Tensile strength of material, where:
 - * Mild steel 45 kg/mm²
 - * Stainless steel 80 kg/mm²
 - * Aluminum 45 kg/mm²
- α** Degree of bending
- h** Minimal resting part
- F** Bending force necessary to make the bend



Determination the **V** as die opening:

S in mm	≤ 0,7	0,8 – 3,0	3,1 – 9,0	9,1 – 14,0	> 14,00	Radius bending
V	S * 6	S * 8	S * 10	S * 12	S * 14	R * 2 + S * 2

Determination of **R_i** as internal radius of bend:

R_i = (5 x V) / 32

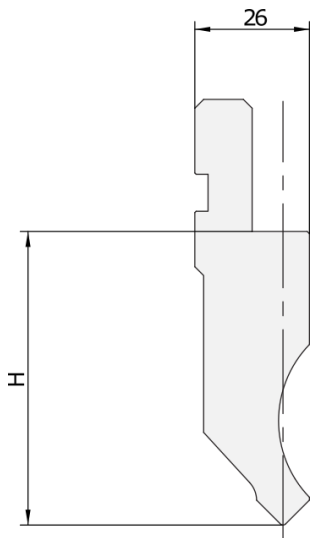
Determination of **h** as the minimal resting part:

α	30°	45°	60°	90°	120°	135°	165°
h	V * 1,94	V * 1,31	V * 1	V * 0,71	V * 0,58	V * 0,55	V * 0,51

Considered tonnage and parameters for mild steel for 1 meter of bending:

V	h _{min}	R	0,5	0,8	1	1,2	1,5	1,8	2	2,5	3	3,5	4	4,5	5	6	7	8	9	10	12	15	18	20	
6	5	1	2,5	6,5	10																				
8	6	1,3	2	5	8	11																			
10	7	1,7	1,5	4	6	9	13																		
12	9	2		3	5	7	11	16																	
15	12	2,7			4	6	9	13	16																
20	15	3,3				4	7	10	13	19															
26	18	4,2					5	7,5	10	14	21														
30	22	5						6,5	8	12	19	24													
32	23	5,4							7,5	11,6	17	23	30												
37	25	5,8								10	14,5	20	26	33											
42	29	6,7									13	17	23	29	35,5										
45	32	7,5										16	21	27	33	48									
50	36	8,3											19	24	30	43	58								
60	43	10												20	25	36	49	64							
70	50	11,5													21	31	42	55	69						
80	57	13,5														27	37	48	60	75					
90	64	15															32	42	54	66	95				
100	71	17																38	48	60	86	134			
130	93	22																	37	46	66	103	149		
180	130	30																			33	48	75	107	133
200	145	33																				43	67	97	119
250	180	42																					54	77	95

* All presented information is for information purposes only and based on theories which could be different than the real values.



KGP-001

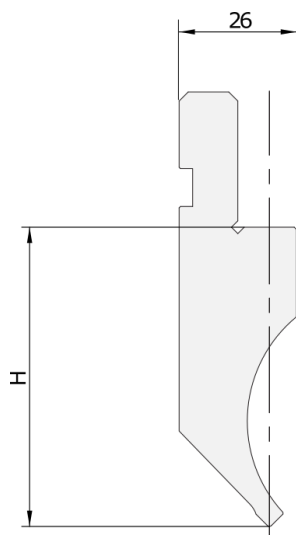
Art. N	Angle	H	R	Max t/m
9008 •	90°	66,65	0,8	100
9025 •	90°	66,60	0,25	100
8808 •	88°	66,65	0,8	100
8830	88°	65,50	3,0	100
8825 •	88°	66,60	0,25	100
8508	85°	66,60	0,8	100
8530	85°	65,50	3,0	100

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 11 kg ; 415 mm solid: 4,5 kg

- This position is available in standard horns configuration



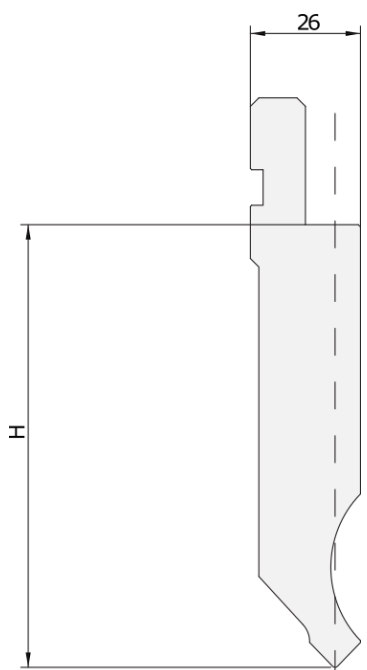
KGP-002

Art. N	Angle	H	R	Max t/m
9006	90°	66,40	0,6	35
9025	90°	66,35	0,25	35
8806	88°	66,40	0,6	35
8825	88°	66,35	0,25	35

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 10 kg ; 415 mm solid: 5 kg



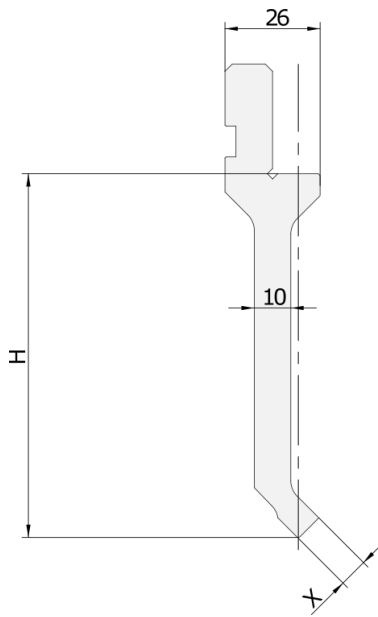
KGP-003

Art. N	Angle	H	R	Max t/m
8808	88°	104,65	0,8	100
8508	85°	104,65	0,8	100

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 11 kg ; 415 mm solid: 5 kg



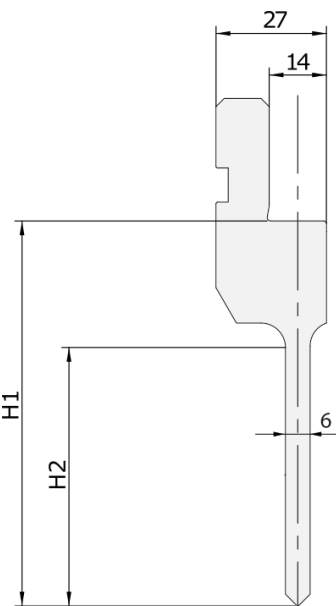
KGP-004

Art. N	Angle	H	X	R	Max t/m
9006	90°	99,40	7,9	0,6	50
9025	90°	99,35	7,8	0,25	50
8806	88°	99,40	8	0,6	50
8825	88°	99,35	8	0,25	50

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 10 kg ; 415 mm solid: 5 kg



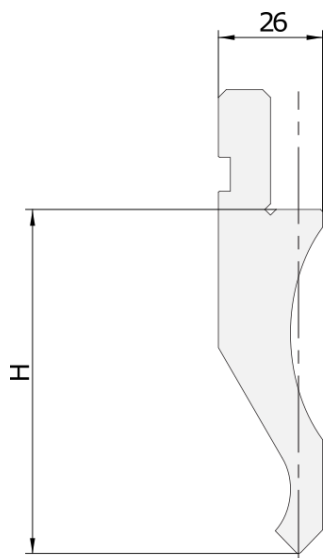
KGP-005

Art. N	Angle	H1	H2	R	Max t/m
9006	90°	94,40	62,92	0,6	50
9025	90°	94,35	63,35	0,25	50
8806	88°	99,40	62,92	0,6	50
8825	88°	94,35	63,35	0,25	50

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 8 kg ; 415 mm solid: 4 kg



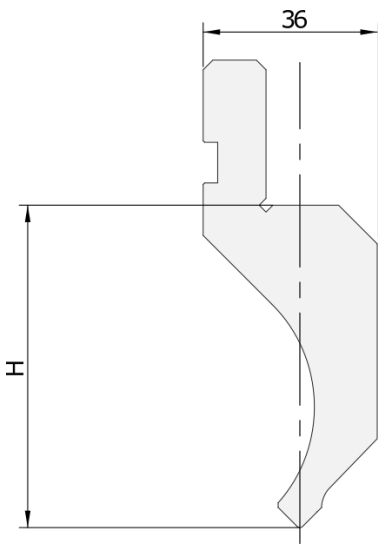
KGP-006

Art. N	Angle	H	R	Max t/m
9008	90°	86	0,8	100
8808	88°	86	0,8	100
8830	88°	84,85	3,0	100

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 13 kg ; 415 mm solid: 6 kg



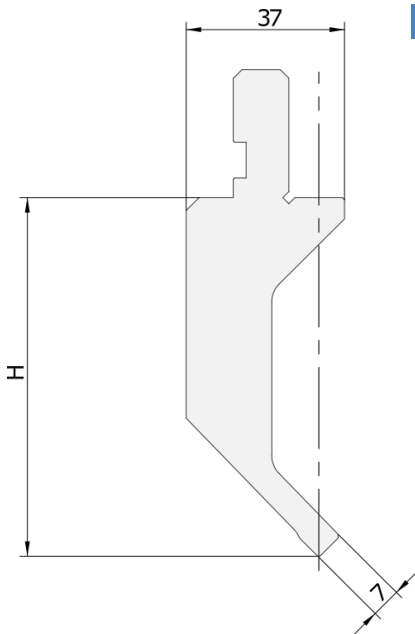
KGP-007

Art. N	Angle	H	R	Max t/m
9008	90°	66,65	0,8	60
8808	88°	66,65	0,8	60

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 12 kg ; 415 mm solid: 6 kg



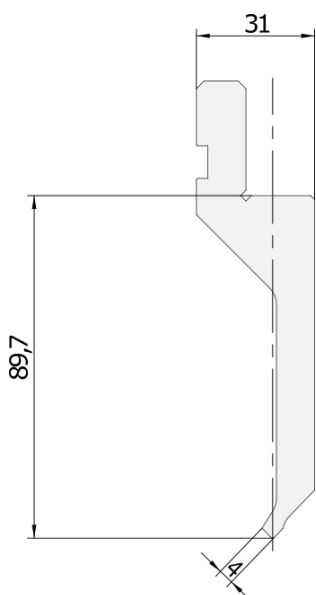
KGP-008

Art. N	Angle	H	R	Max t/m
9006	90°	84,15	0,6	20
8806	88°	84,15	0,6	20

Material: Cr42Mo4

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 14 kg ; 415 mm solid: 7 kg



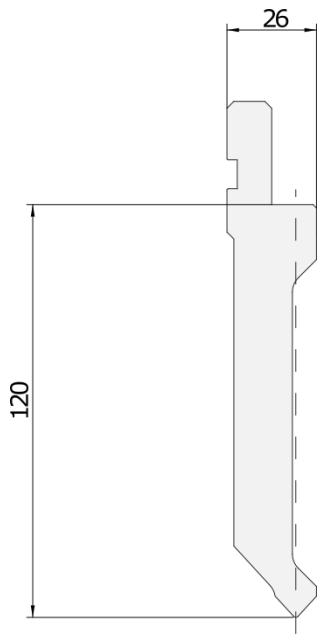
KGP-009

Art. N	Angle	H	R	Max t/m
8806	88°	89,7	0,6	30

Material: C45 quenched

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 10 kg ; 415 mm solid: 5 kg



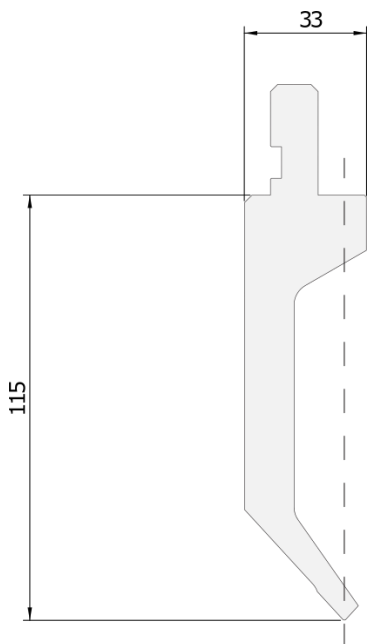
KGP-010

Art. N	Angle	H	R	Max t/m
0508	85°	120	0,8	70

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 15,9 kg ; 415 mm solid: 8 kg



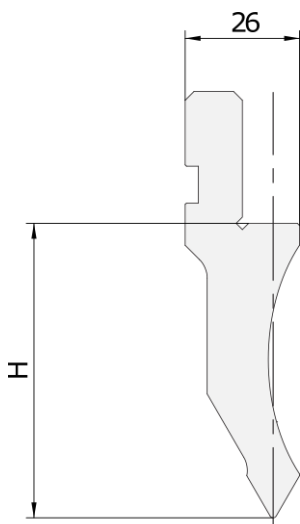
KGP-011

Art. N	Angle	H	R	Max t/m
8506	85°	115	0,6	20

Material: Cr42Mo4

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 14,5 kg ; 415 mm solid: 7,2 kg



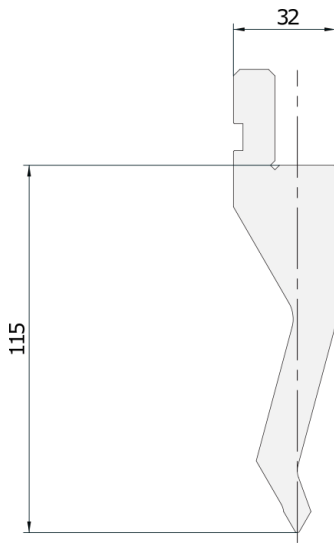
KGP-012

Art. N	Angle	H	R	Max t/m
6008	60°	67	0,8	80
6020	60°	67	2,0	80

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 9 kg ; 415 mm solid: 4 kg



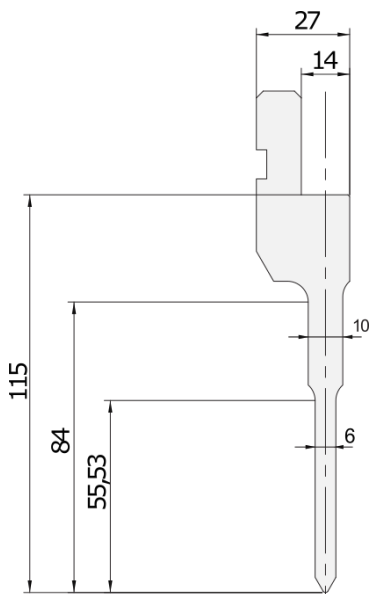
KGP-013

Art. N	Angle	H	R	Max t/m
6008	60°	115	0,8	60

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 15 kg ; 415 mm solid: 7 kg



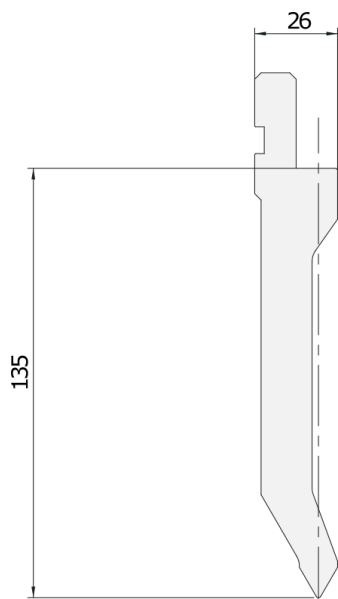
KGP-014

Art. N	Angle	H	R	Max t/m
6008	60°	115	0,8	50

Material: C45 quenched

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 9 kg ; 415 mm solid: 4 kg



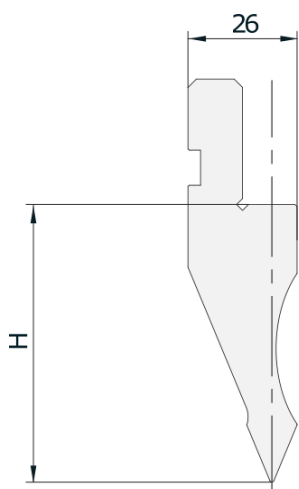
KGP-015

Art. N	Angle	H	R	Max t/m
6008	60°	135	0,8	70

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 19 kg ; 415 mm solid: 9 kg



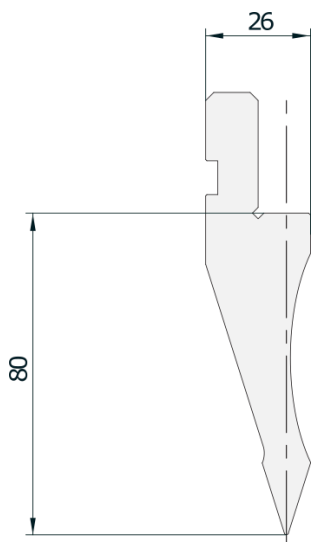
KGP-016

Art. N	Angle	H	R	Max t/m
4505	45°	66,40	0,5	80
4515	45°	65,20	1,5	80

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 10 kg ; 415 mm solid: 5 kg



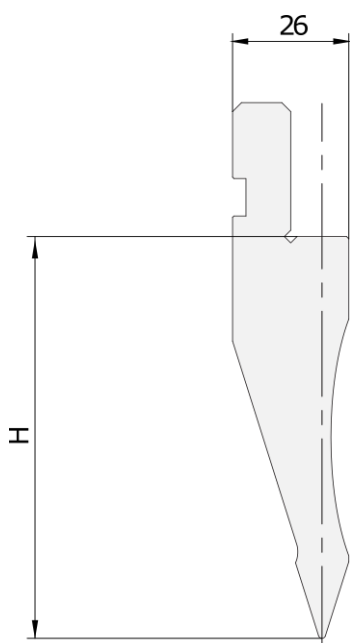
KGP-017

Art. N	Angle	H	R	Max t/m
3505	35°	80	0,5	70

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 11 kg ; 415 mm solid: 5 kg



KGP-018

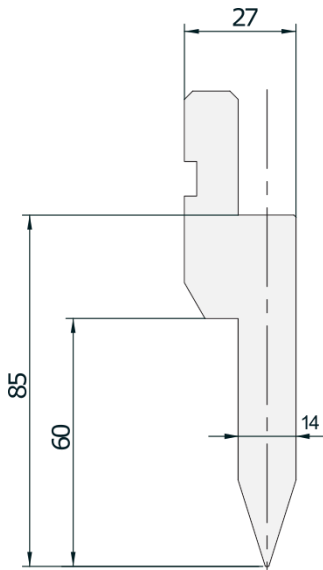
Art. N	Angle	H	R	Max t/m
3508 •	35°	90	0,8	70
3515	35°	90	1,5	70

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 12 kg ; 415 mm solid: 6 kg

- This position is available in standard horns configuration



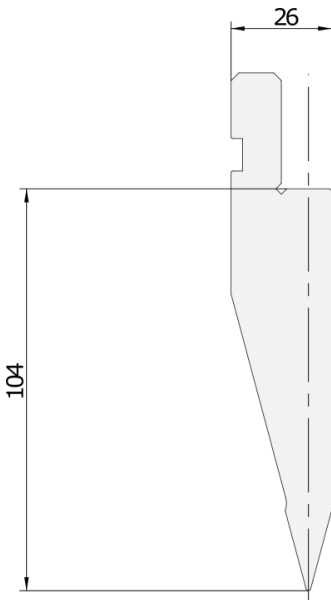
KGP-019

Art. N	Angle	H	R	Max t/m
3508	35°	85	0,8	100

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 10 kg ; 415 mm solid: 5 kg



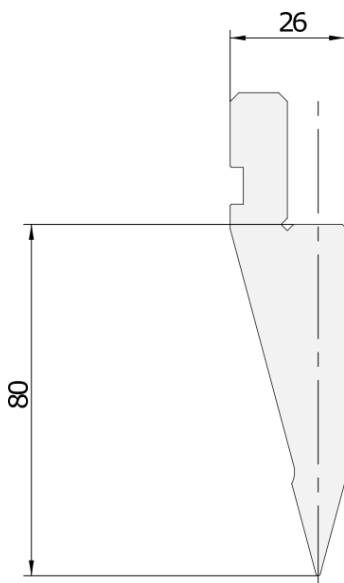
KGP-020

Art. N	Angle	H	R	Max t/m
3006	30°	104	0,6	100
3030	30°	104	3,0	100
3050	30°	104	5,0	100

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 16 kg ; 415 mm solid: 8 kg



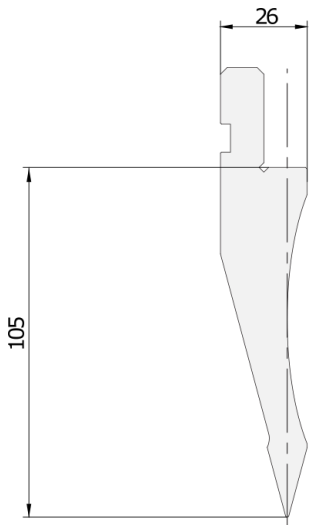
KGP-021

Art. N	Angle	H	R	Max t/m
3005	30°	80	0,5	100
3030	30°	80	3,0	100

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 10 kg ; 415 mm solid: 5 kg



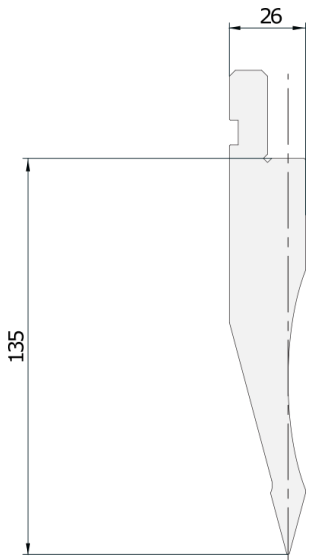
KGP-022

Art. N	Angle	H	R	Max t/m
3005	30°	105	0,5	50

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 15 kg ; 415 mm solid: 7 kg



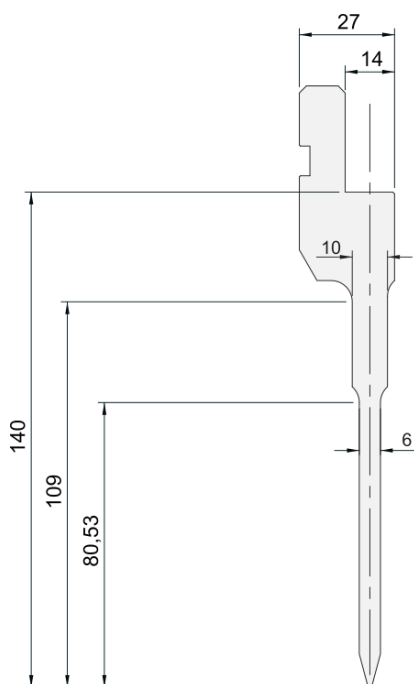
KGP-023

Art. N	Angle	H	R	Max t/m
3005	30°	135	0,5	50

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 19 kg ; 415 mm solid: 9 kg



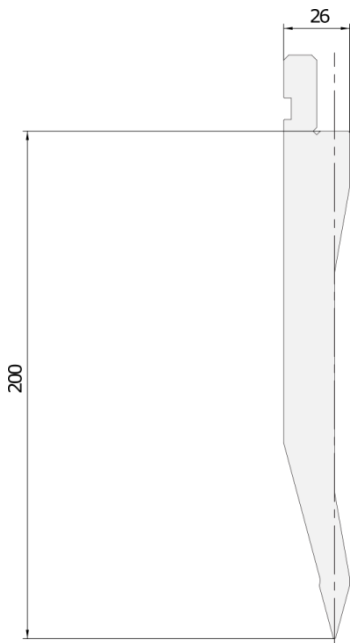
KGP-024

Art. N	Angle	H	R	Max t/m
3006	30°	140	0,6	40

Material: C45 quenched

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 11 kg ; 415 mm solid: 5 kg



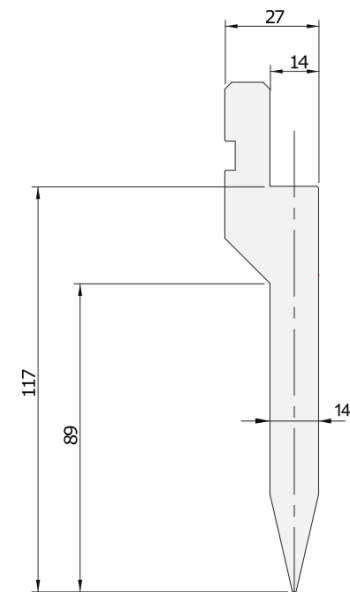
KGP-025

Art. N	Angle	H	R	Max t/m
3005	30°	200	0,5	50

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 25 kg ; 415 mm solid: 13 kg



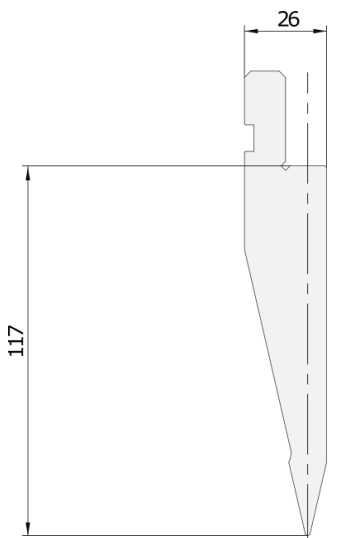
KGP-026

Art. N	Angle	H	R	Max t/m
2610	26°	117	1,0	100

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 13,8 kg ; 415 mm solid: 6 kg



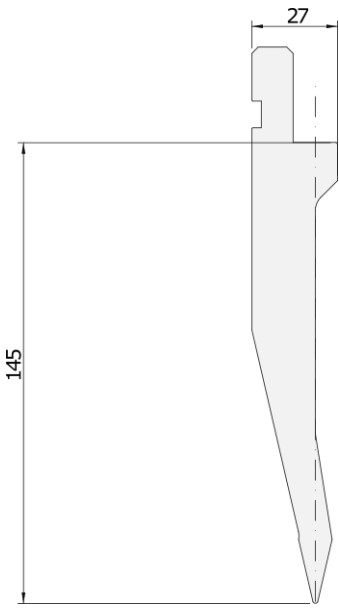
KGP-027

Art. N	Angle	H	R	Max t/m
2608	26°	117	0,8	100
2630	26°	117	3,0	100

Material: C45 quenched

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 16 kg ; 415 mm solid: 8 kg



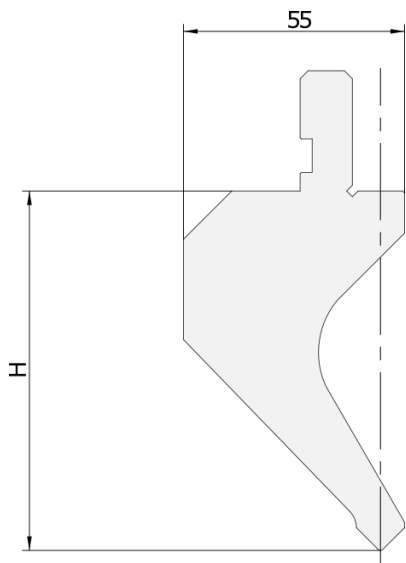
KGP-028

Art. N	Angle	H	R	Max t/m
2608	26°	145	0,8	100

Material: Cr42Mo4

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 14,5 kg ; 415 mm solid: 7,2 kg



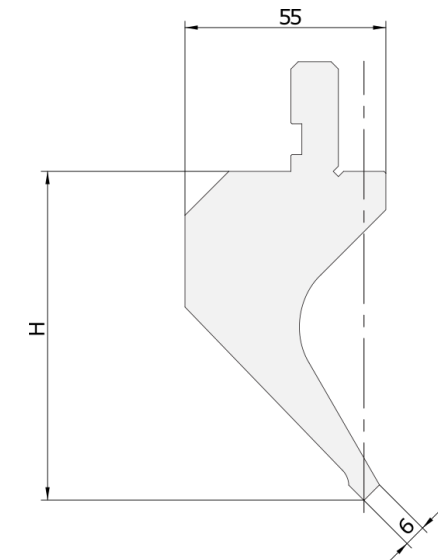
KGS-001

Art. N	Angle	H	R	Max t/m
9008	90°	89,65	0,8	60
9025	90°	89,60	0,25	60
8808	88°	89,65	0,8	60
8830	88°	88,50	3,0	60
8825	88°	89,60	0,25	60

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 21 kg ; 415 mm solid: 10,5 kg



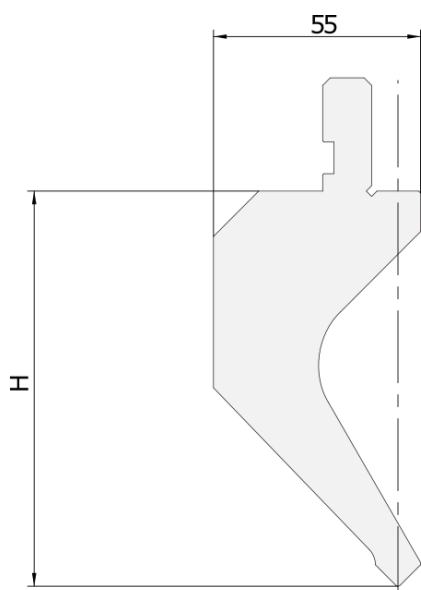
KGS-002

Art. N	Angle	H	R	Max t/m
9025	90°	89,88	0,25	50
8808	88°	89,65	0,8	50

Material: C45 quenched

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 21 kg ; 415 mm solid: 10 kg



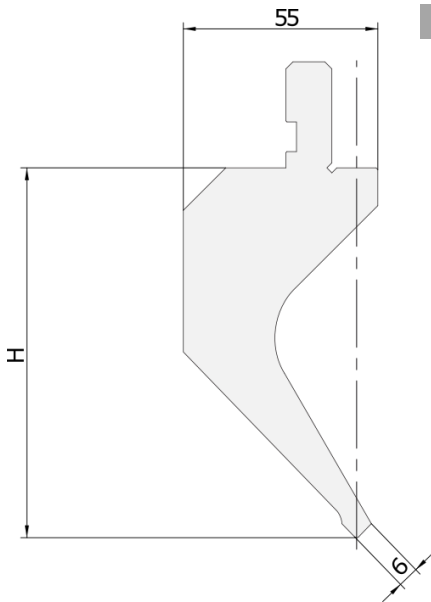
KGS-003

Art. N	Angle	H	R	Max t/m
9008	90°	104,65	0,8	50
9025	90°	104,60	0,25	50
8808	88°	104,65	0,8	50
8830	88°	103,50	3,0	50
8825	88°	104,60	0,25	50
8508	85°	104,60	0,8	50

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 23 kg ; 415 mm solid: 11 kg



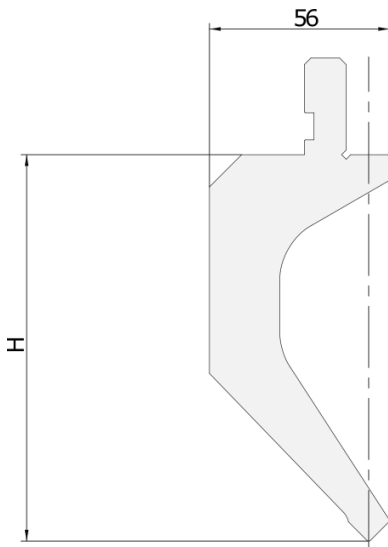
KGS-004

Art. N	Angle	H	R	Max t/m
9025	90°	104,88	0,25	50
8808	88°	104,65	0,8	50

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 23 kg ; 415 mm solid: 11 kg



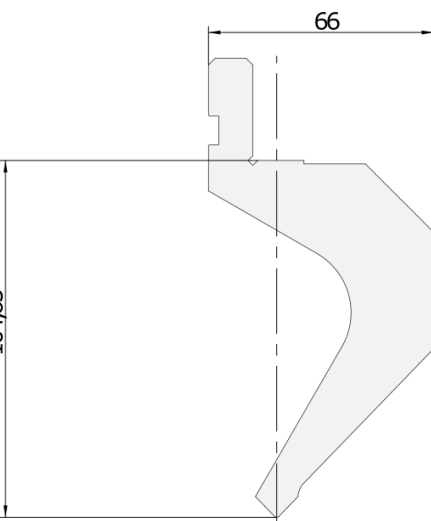
KGS-005

Art. N	Angle	H	R	Max t/m
9008	90°	120	0,8	50
8808	88°	120	0,8	50
8830	88°	119,03	3,0	50

Material: C45 quenched

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 24 kg ; 415 mm solid: 12 kg



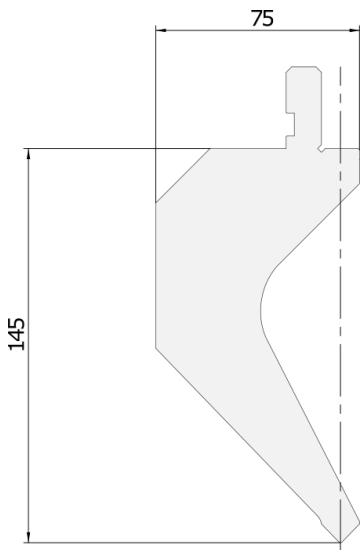
KGS-006

Art. N	Angle	H	R	Max t/m
8808	88°	104,65	0,8	45

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 25 kg ; 415 mm solid: 12 kg



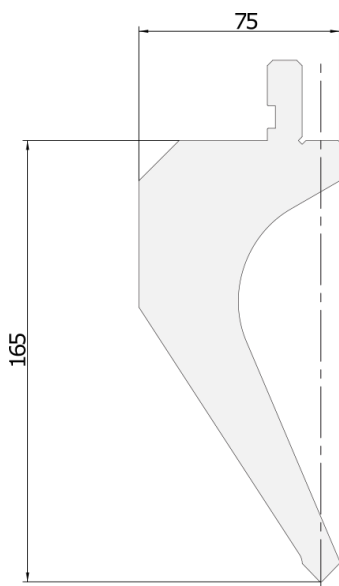
KGS-007

Art. N	Angle	H	R	Max t/m
8808	88°	145	0,8	80

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 39 kg ; 415 mm solid: 19 kg



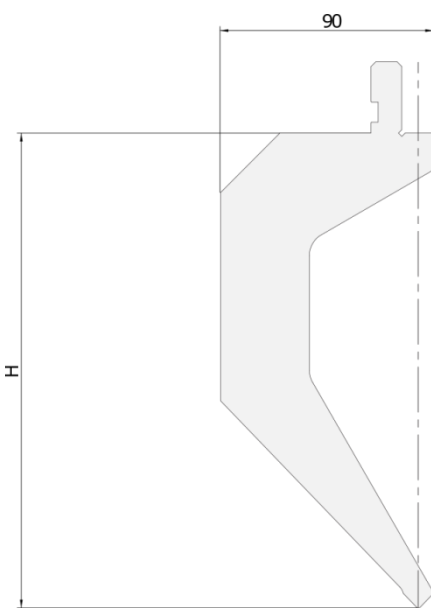
KGS-008

Art. N	Angle	H	R	Max t/m
8808	88°	165	0,8	60

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 41 kg ; 415 mm solid: 20 kg



KGS-009

Art. N	Angle	H	R	Max t/m
8808	88°	200	0,8	85
8830	88°	199,03	3,0	85

Material: C45 quenched

Available sections: 505 mm solid ; 805 mm sectioned

Approx. weight: 805 mm sectioned: 54 kg ; 505 mm solid: 32,5 kg

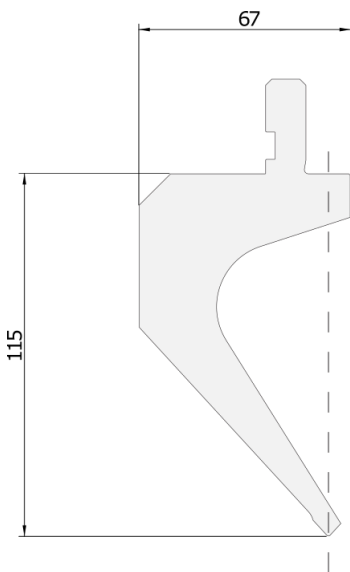
KGS-010

Art. N	Angle	H	R	Max t/m
8508	85°	115	0,8	35

Material: Cr42Mo4

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 23 kg ; 415 mm solid: 11,5 kg



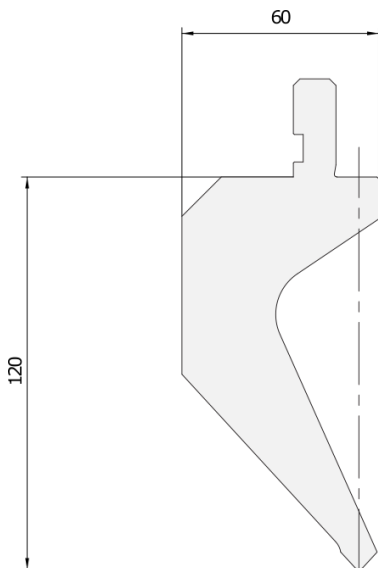
KGS-011

Art. N	Angle	H	R	Max t/m
8515	85°	120	1,5	100

Material: Cr42Mo4

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 26,7 kg ; 415 mm solid: 13,3 kg



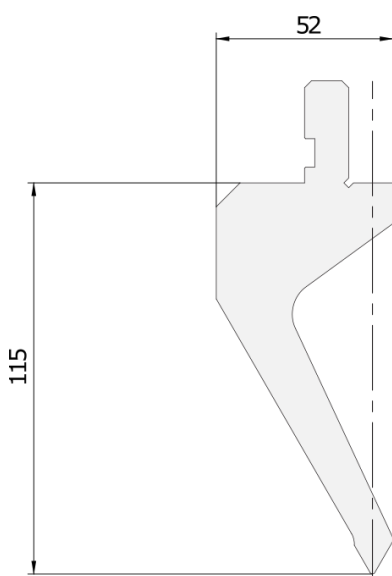
KGS-012

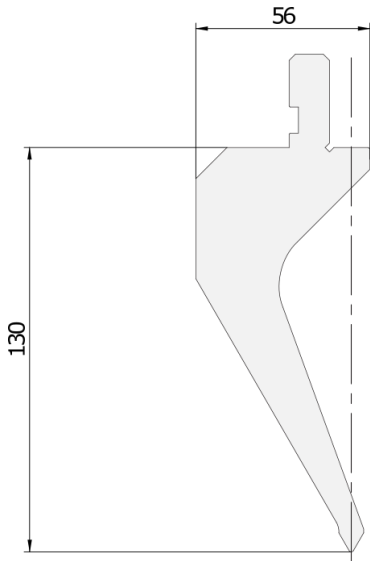
Art. N	Angle	H	R	Max t/m
6008	60°	115	0,8	40

Material: C45 quenched

Available sections: 505 mm solid ; 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 20 kg ; 415 mm solid: 10 kg





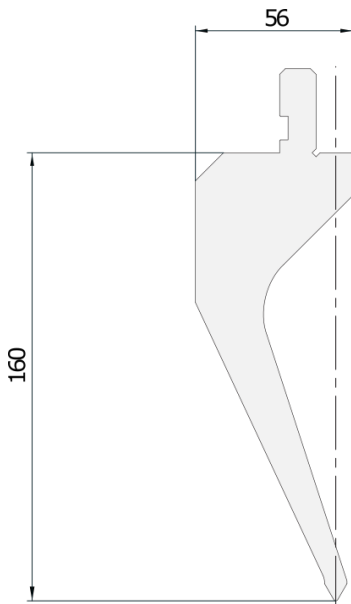
KGS-013

Art. N	Angle	H	R	Max t/m
6008	60°	130	0,8	40

Material: C45 quenched

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 23 kg ; 415 mm solid: 11 kg



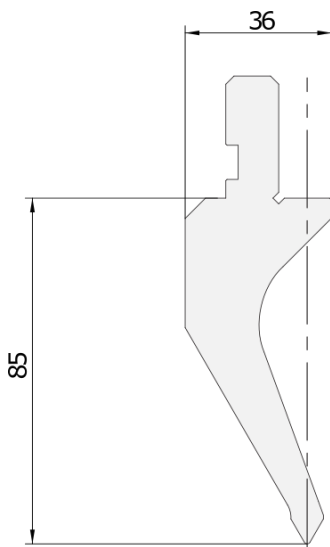
KGS-014

Art. N	Angle	H	R	Max t/m
6008	60°	160	0,8	40

Material: C45 quenched

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 23 kg ; 415 mm solid: 11 kg



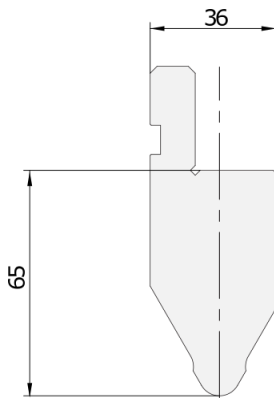
KGS-015

Art. N	Angle	H	R	Max t/m
6008	60°	85	0,8	40

Material: Cr42Mo4

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 12 kg ; 415 mm solid: 6 kg



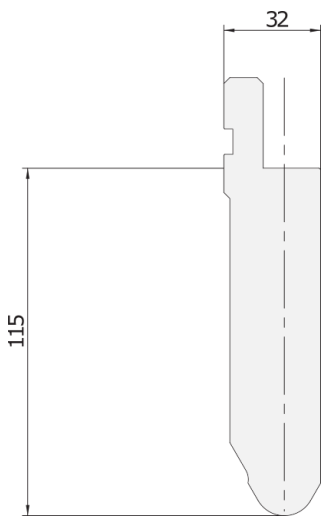
KRP-001

Art. N	Angle	H	R	Max t/m
6060	60°	65	6,0	120

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 14 kg ; 415 mm solid: 7 kg



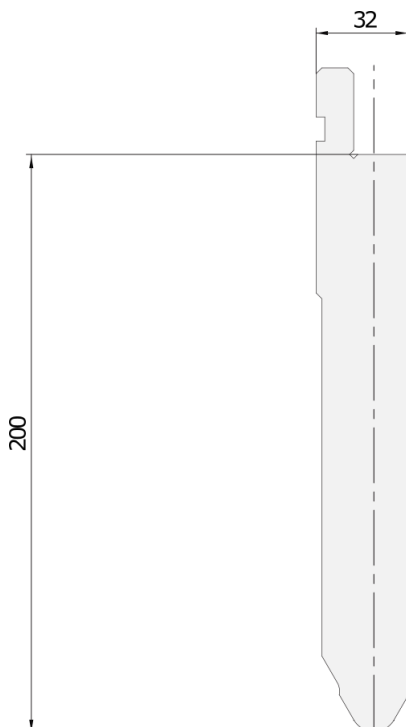
KRP-002

Art. N	Angle	H	R	Max t/m
6010	60°	115	10,0	160

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 25 kg ; 415 mm solid: 12 kg



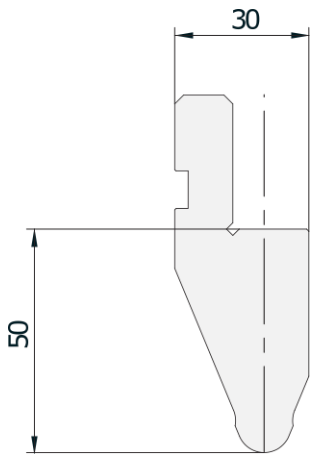
KRP-003

Art. N	Angle	H	R	Max t/m
6080	60°	200	8,0	150

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 40,8 kg ; 415 mm solid: 20,4 kg



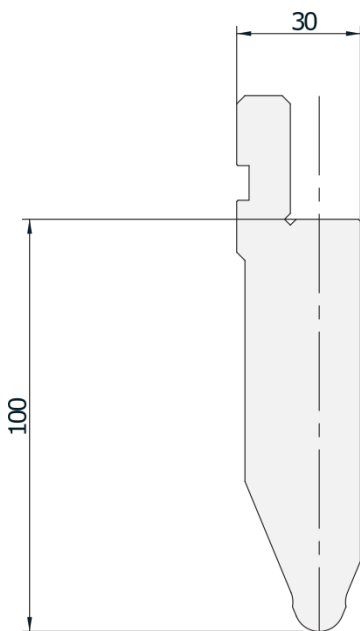
KRP-004

Art. N	Angle	H	R	Max t/m
4560	45°	50	6,0	100

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 9 kg ; 415 mm solid: 4 kg



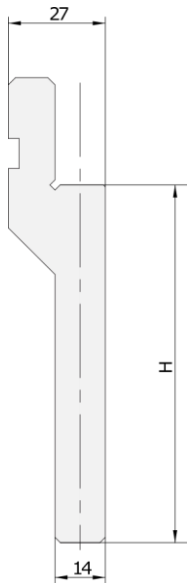
KRP-005

Art. N	Angle	H	R	Max t/m
4560	45°	100	6,0	100

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 19 kg ; 415 mm solid: 9 kg



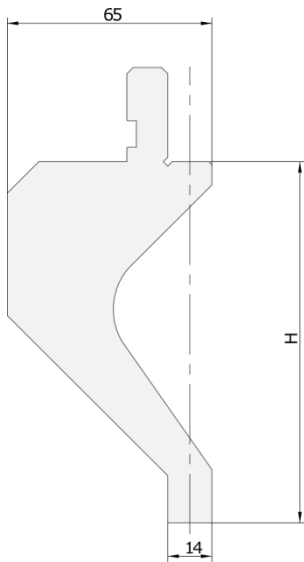
KRP-006H (Straight holder for inserts)

Art. N	H	Max t/m
S067	67	100
L100	100	100

Material: C45

Available sections: 830 mm solid ; 410 mm solid

Approx. weight: 830 mm (S069/L100) solid: 10 / 13 kg ; 410 mm solid: 5 / 6 kg



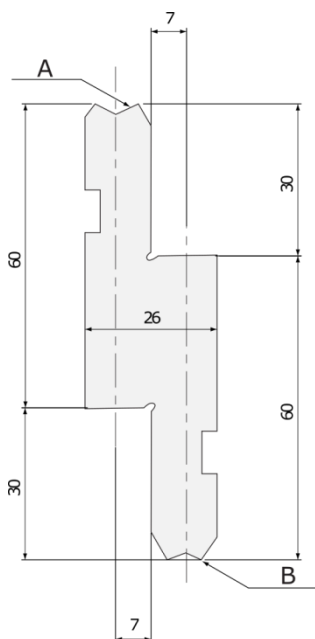
KRP-007H (Gooseneck holder for inserts)

Art. N	H	Max t/m
S087	87	50
L115	115	50

Material: C45

Available sections: 830 mm solid ; 410 mm solid

Approx. weight: 830 mm (S087/L115) solid: 16 / 26 kg ; 410 mm solid: 8 / 13 kg



KRP-008H (Universal holder for small)

Art. N	H	Max t/m
6030	60+30	50

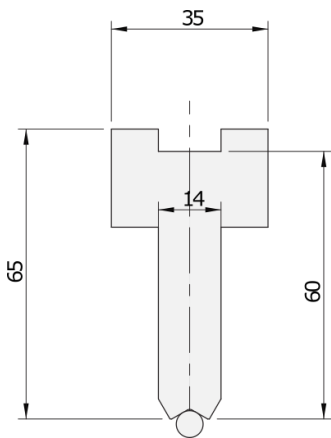
SIDE A: for radius inserts from R3 to R6,5

SIDE B: for radius inserts from R3 to R4,5

Material: C45

Available sections: 835 mm solid ; 415 mm solid

Approx. weight: 835 mm solid: 9 kg ; 415 mm solid: 4 kg


KRI-009

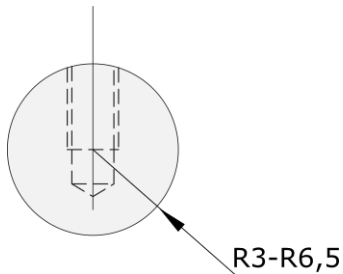
Art. N	R	Max t/m
RS	R3-R4,5	50
RM	R5-R6,5	50

To use on holders: KRP-006H ; KRP-007H

Material: C45

Available sections: 830 mm solid ; 410 mm solid

Approx. weight: 830 mm solid: 8 kg ; 410 mm solid: 4 kg

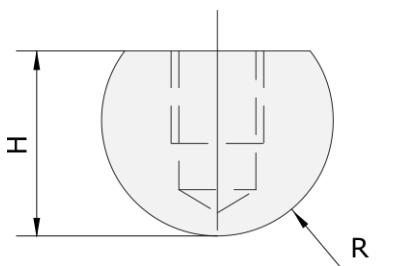

PRI-010

Art. N	R
011	R3,0
012	R4,0
013	R4,5
014	R5,0
015	R5,5
016	R6,0
017	R6,5

To use on holders: PRI-009 ; KRP-008H

Material: C45

Available sections: 835 mm solid ; 415 mm solid


PRI-011

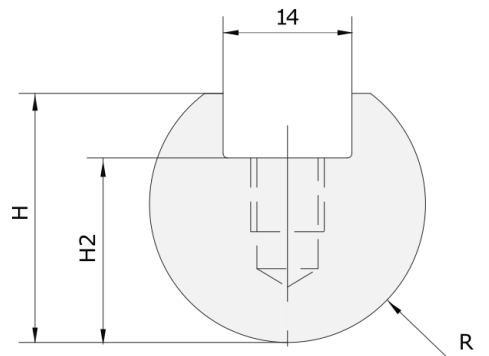
Art. N	R	H
011	R7,0	11,5
012	R7,5	11,5
013	R8,0	13,0
014	R9,0	16,0
015	R10,0	16,0
016	R11,0	16,0
017	R11,5	16,0
018	R12,0	20,0

To use on holders: KRP-006H ; KRP-007H

Material: C45

Inserts with gas nitriding available under request (code -N)

Available sections: 835 mm solid ; 415 mm solid

KRI-012


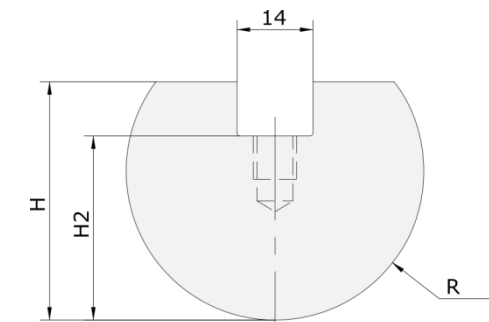
Art. N	R	H	H2
011	R12,5	21,0	16,0
012	R13,0	23,0	17,0
013	R14,0	25,0	19,0
014	R15,0	27,0	20,0
015	R16,0	28,0	21,0
016	R17,0	31,5	21,5
017	R17,5	32,0	22,0
018	R19,0	32,0	25,0
019	R20,0	34,0	24,0

To use on holders: KRP-006H ; KRP-007H

Material: C45

Inserts with gas nitriding available under request (code -N)

Available sections: 835 mm solid ; 415 mm solid

KRI-013


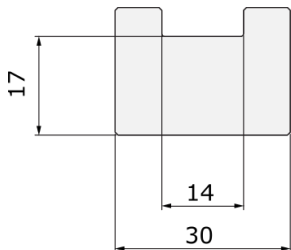
Art. N	R	H	H2
011	R22,5	33,0	25,0
012	R25,0	39,0	29,0
013	R27,5	44,0	34,0
014	R30,0	44,0	34,0
015	R35,0	55,0	45,0
016	R40,0	55,0	45,0
017	R45,0	60,0	50,0
018	R50,0	64,0	53,0

To use on holders: KRP-006H ; KRP-007H

Material: C45

Inserts with gas nitriding available under request (code -N)

Available sections: 835 mm solid ; 415 mm solid

KRI-013


Art. N	H
011	17,0

To use on holders: KRP-006H ; KRP-007H

Material: C45

Available sections: 835 mm solid ; 415 mm solid

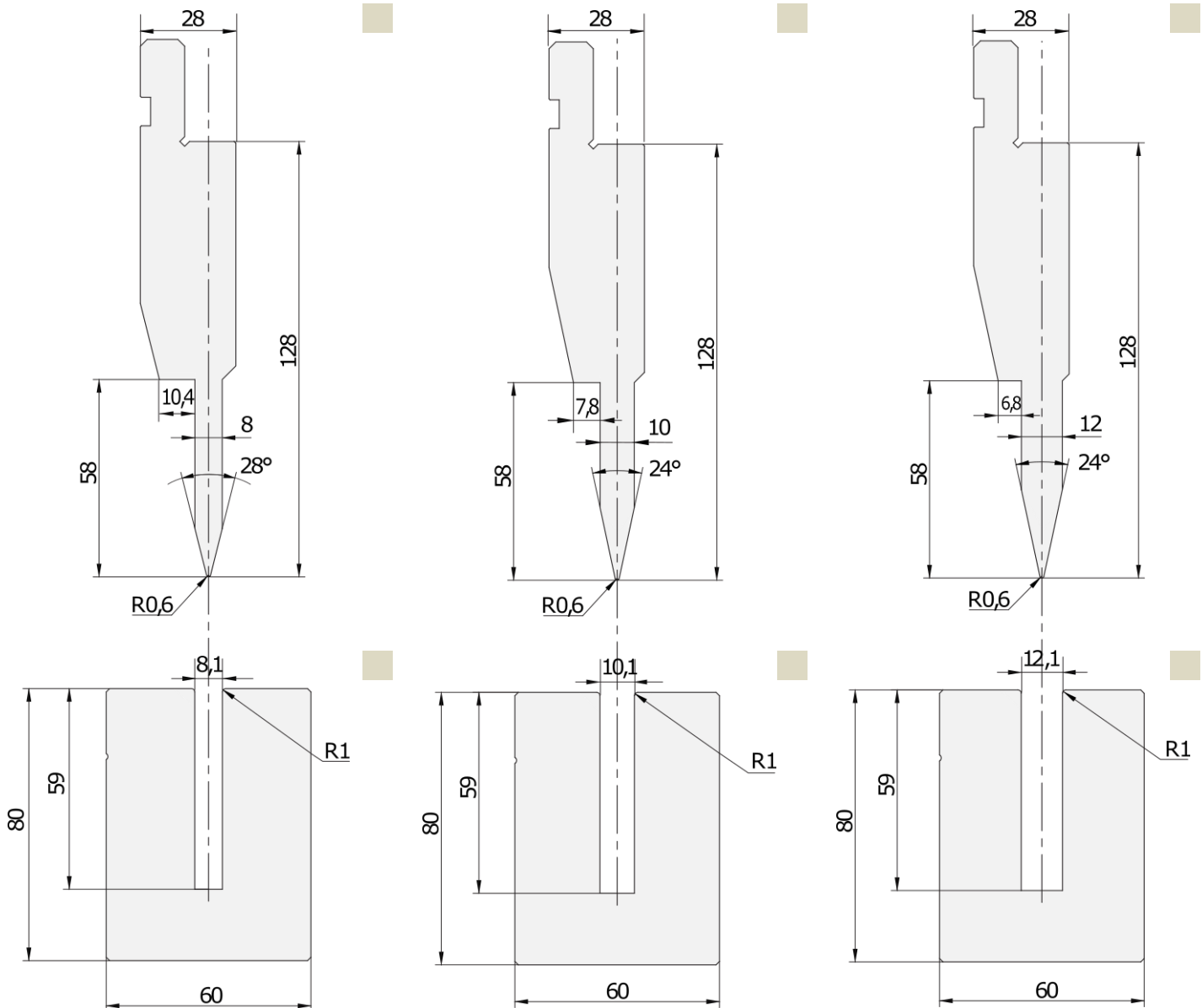
PFP-001

Art. N	Angle	H	R	Thickness _{max}	Max t/m
2806	28°	128	0,6	1,2	80
2406	24°	128	0,6	1,5	80
2416	24°	128	0,6	1,5	80

Material: C45 quenched

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 17/18 kg ; 415 mm solid: 8/9 kg



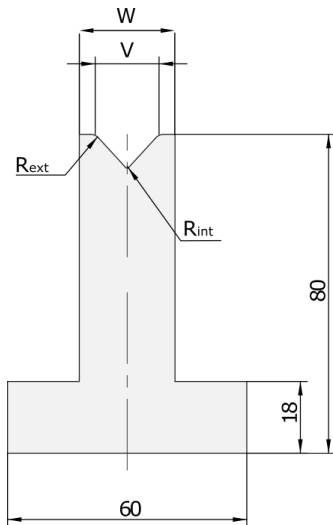
PFD-001

Art. N	H	R	U	Max t/m
U810	80	1,0	8,1	50
U101	80	1,0	10,1	50
U121	80	1,0	12,1	50

Material: C45 quenched

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 26/27 kg ; 415 mm solid: 13/14 kg


Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

PTD-001 H=80 mm

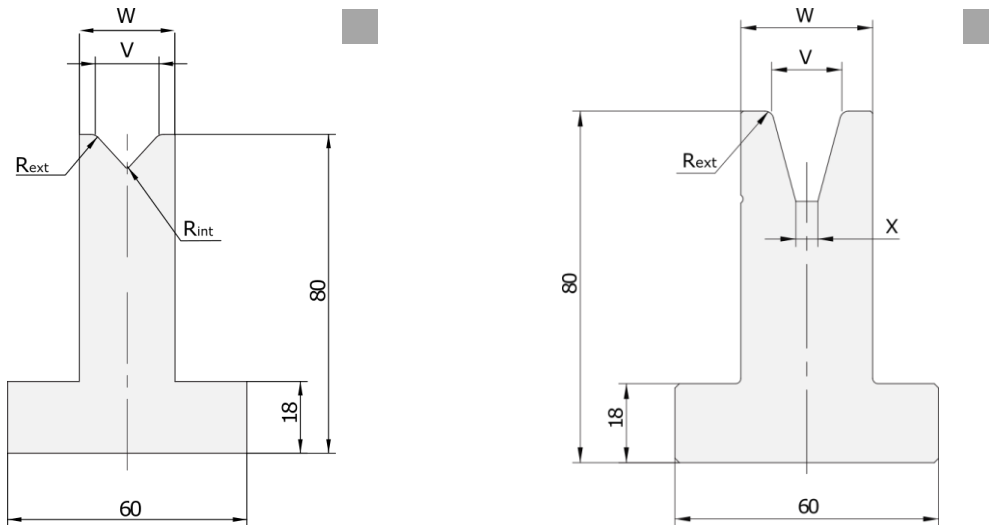
Art. N	Angle	V	W	R _{ext}	R _{int}	Weight	
						835/805S 415 mm	
9006	90°	6	14	0,4	0,5	13 6,5 kg	
9008	90°	8	14	0,5	0,5	13 6,5 kg	
9010	90°	10	18	0,6	0,5	15 7,5 kg	
9012	90°	12	18	0,8	0,5	15 7,5 kg	
9016	90°	16	24	1,0	0,5	18 9,0 kg	

PTD-002 H=80 mm

Art. N	Angle	V	W	R _{ext}	R _{int}	Weight	
						835/805S 415 mm	
8806	88°	6	14	0,4	0,5	13 6,5 kg	
8808	88°	8	14	0,5	0,5	13 6,5 kg	
8810	88°	10	18	0,6	0,5	15 7,5 kg	
8812	88°	12	18	2,75	0,5	15 7,5 kg	
8816	88°	16	24	2,75	0,5	16 8,0 kg	
8820	88°	20	30	3,0	0,5	19 9,5 kg	
8825	88°	25	35	3,0	0,5	20 10,0 kg	

PTD-003 H=80 mm

Art. N	Angle	V	W	R _{ext}	R _{int}	Weight	
						835/805S 415 mm	
8506	85°	6	14	0,4	0,5	13 6,0 kg	
8508	85°	8	14	0,5	0,5	13 6,0 kg	
8510	85°	10	18	0,6	0,5	15 7,0 kg	
8512	85°	12	18	2,75	0,5	15 7,0 kg	
8516	85°	16	24	2,75	0,5	18 9,0 kg	
8520	85°	20	30	3,0	0,5	19 9,0 kg	
8525	85°	25	35	3,0	0,5	20 10,0 kg	


Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

PTD-004 H=80 mm

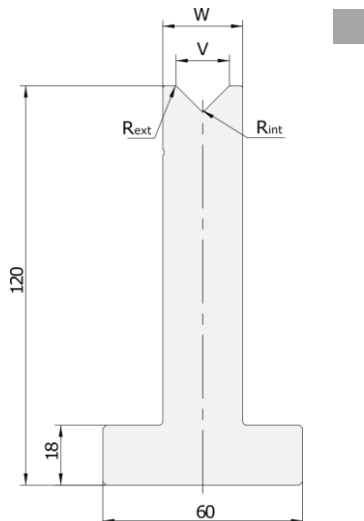
Art. N	Angle	V	W	R _{ext}	R _{int}	Weight	Max t/m
						835/805S 415 mm	
6006	60°	6	14	0,4	0,5	13 6,5 kg	60
6008	60°	8	14	0,5	0,5	13 6,5 kg	60
6010	60°	10	18	0,6	0,5	15 7,5 kg	60
6012	60°	12	18	0,8	0,5	15 7,5 kg	75
6016	60°	16	24	3,0	0,7	18 9,0 kg	70
6020	60°	20	30	3,0	0,7	19 9,5 kg	65
6025	60°	25	35	3,0	1,0	20 10,0 kg	60

PTD-005 H=80 mm

Art. N	Angle	V	W	R _{ext}	R _{int}	Weight	Max t/m
						835/805S 415 mm	
4506	45°	6	14	0,6	0,5	13 6,5 kg	50
4508	45°	8	18	0,8	0,5	15 7,5 kg	50
4510	45°	10	18	1,0	0,7	15 7,5 kg	50
4512	45°	12	24	1,5	0,7	18 9,0 kg	50
4516	45°	16	24	2,0	1,0	18 9,0 kg	50
4520	45°	20	30	2,5	1,0	19 9,5 kg	50
4525	45°	25	35	3,0	1,0	20 10,0 kg	50

PTD-006 H=80 mm

Art. N	Angle	V	W	R _{ext}	X	Weight	Max t/m
						835/805S 415 mm	
3006	30°	6	14	0,6	R1	13 6,5 kg	35
3008	30°	8	18	0,8	2,0	15 7,5 kg	40
3010	30°	10	24	1,0	2,0	18 9,0 kg	50
3012	30°	12	24	1,5	2,0	18 9,0 kg	50
3016	30°	16	30	2,0	5,0	19 9,5 kg	50
3020	30°	20	35	2,5	5,0	20 10,0 kg	55
3025	30°	25	40	3,0	5,0	21 10,5 kg	55



Material: C45 **Available sections:** 835 mm solid ; 415 mm solid, 805 mm sectioned

PTD-007 H=120 mm

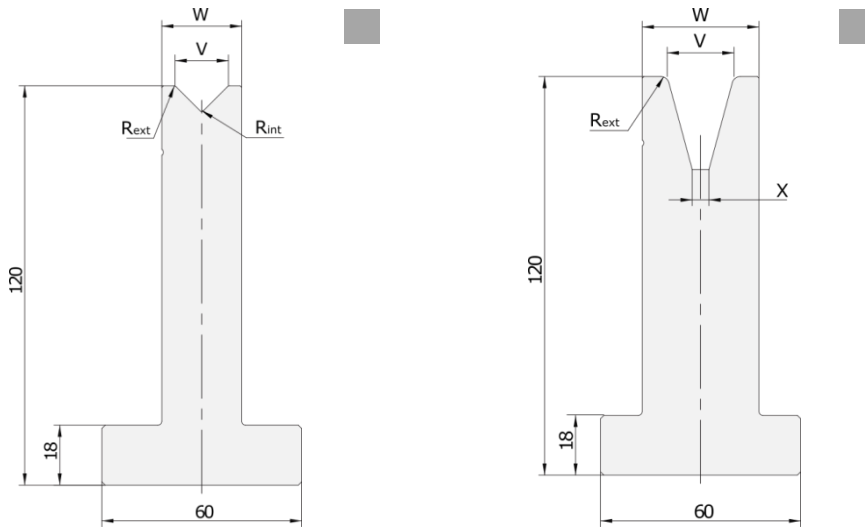
Art. N	Angle	V	W	R _{ext}	R _{int}	Weight	
						835/805S 415 mm	
9006	90°	6	14	0,4	0,5	16 8,0 kg	
9008	90°	8	14	0,5	0,5	16 8,0 kg	
9010	90°	10	18	0,6	0,5	18 9,0 kg	
9012	90°	12	18	0,8	0,5	18 9,0 kg	
9016	90°	16	24	1,0	0,5	22 11,0 kg	

PTD-008 H=120 mm

Art. N	Angle	V	W	R _{ext}	R _{int}	Weight	
						835/805S 415 mm	
8806	88°	6	14	0,4	0,5	16 8,0 kg	
8808	88°	8	14	0,5	0,5	16 8,0 kg	
8810	88°	10	18	0,6	0,5	18 9,0 kg	
8812	88°	12	18	2,75	0,5	18 9,0 kg	
8816	88°	16	24	2,75	0,5	22 11,0 kg	
8820	88°	20	30	3,0	0,5	27 13,5 kg	
8825	88°	25	35	3,0	0,5	30 15,0 kg	

PTD-009 H=120 mm

Art. N	Angle	V	W	R _{ext}	R _{int}	Weight	
						835/805S 415 mm	
8506	85°	6	14	0,4	0,5	17 8,0 kg	
8508	85°	8	14	0,5	0,5	17 8,0 kg	
8510	85°	10	18	0,6	0,5	18 9,0 kg	
8512	85°	12	18	2,75	0,5	18 9,0 kg	
8516	85°	16	24	2,75	0,5	22 11,0 kg	
8520	85°	20	30	3,0	0,5	27 13,5 kg	
8525	85°	25	35	3,0	0,5	30 15,0 kg	


Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

PTD-010 H=120 mm

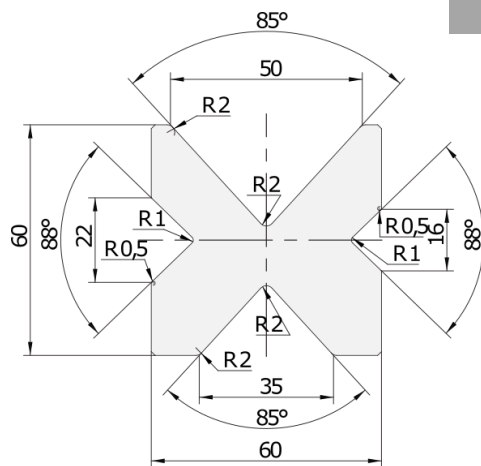
Art. N	Angle	V	W	R _{ext}	R _{int}	Weight		Max t/m
						835/805S 415 mm		
6006	60°	6	14	0,4	0,5	16 8,0 kg		60
6008	60°	8	14	0,5	0,7	16 8,0 kg		60
6010	60°	10	18	0,6	0,5	18 9,0 kg		60
6012	60°	12	18	0,8	0,5	18 9,0 kg		75
6016	60°	16	24	3,0	0,7	22 11,0 kg		70
6020	60°	20	30	3,0	0,7	27 13,5 kg		65
6025	60°	25	35	3,0	1,0	28 14,0 kg		60

PTD-011 H=120 mm

Art. N	Angle	V	W	R _{ext}	R _{int}	Weight		Max t/m
						835/805S 415 mm		
4506	45°	6	14	0,6	0,5	17 8,5 kg		50
4508	45°	8	18	0,8	0,5	18 9,0 kg		50
4510	45°	10	18	1,0	0,7	18 9,0 kg		50
4512	45°	12	24	1,5	0,7	22 11,0 kg		50
4516	45°	16	24	2,0	1,0	22 11,0 kg		50
4520	45°	20	30	2,5	1,0	27 13,5 kg		50
4525	45°	25	35	3,0	1,0	30 15,0 kg		50

PTD-012 H=120 mm

Art. N	Angle	V	W	R _{ext}	X	Weight		Max t/m
						835/805S 415 mm		
3006	30°	6	14	0,6	R1	17 8,5 kg		35
3008	30°	8	18	0,8	2,0	18 9,0 kg		40
3010	30°	10	24	1,0	2,0	22 11,0 kg		50
3012	30°	12	24	1,5	2,0	22 11,0 kg		50
3016	30°	16	30	2,0	5,0	27 13,5 kg		50
3020	30°	20	35	2,5	5,0	30 15,0 kg		55
3025	30°	25	40	3,0	5,0	33 16,5 kg		55



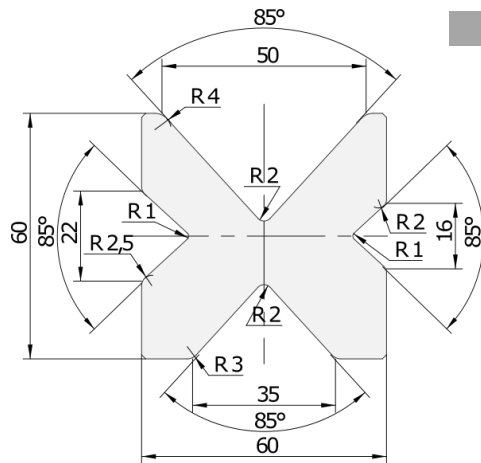
PMD-001

Art. N	Angle	V	Max t/m
8885	88°	16 22	80
	85°	35 50	

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 16 kg ; 415 mm solid: 8 kg



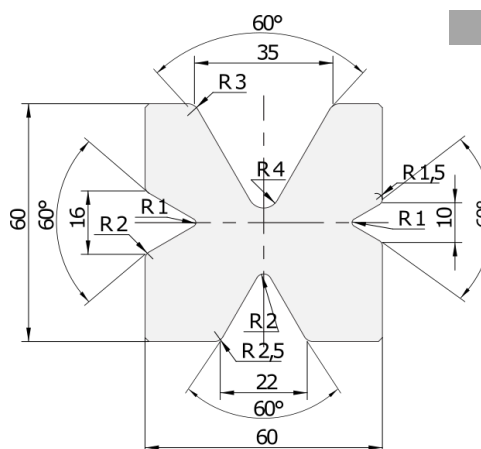
PMD-002

Art. N	Angle	V	Max t/m
85MV	85°	16 22 35 50	80

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 16 kg ; 415 mm solid: 8 kg



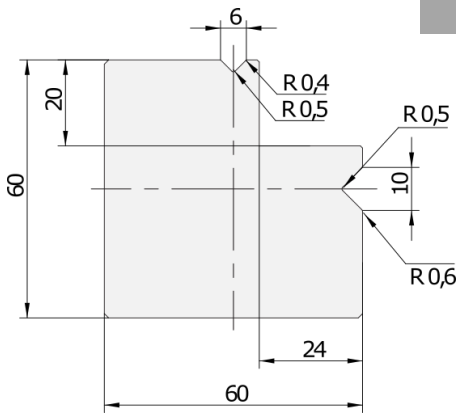
PMD-003

Art. N	Angle	V	Max t/m
60MV	60°	10 16 22 35	60

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 18 kg ; 415 mm solid: 9 kg



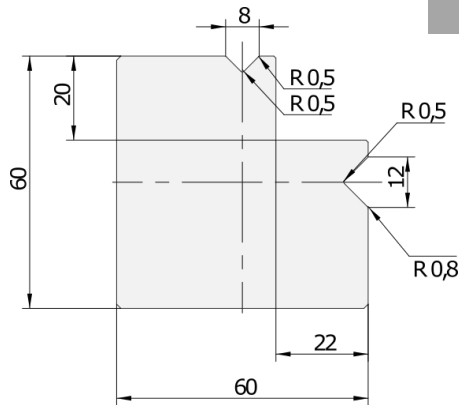
PMD-004

Art. N	Angle	V	Max t/m
90MV	90°	6 10	80

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 20 kg ; 415 mm solid: 10 kg



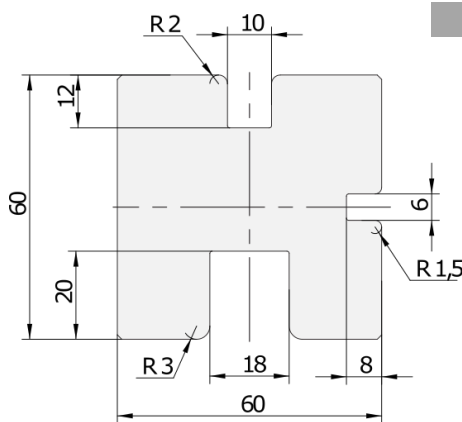
PMD-005

Art. N	Angle	V	Max t/m
90MV	90°	8 12	80

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 20 kg ; 415 mm solid: 10 kg



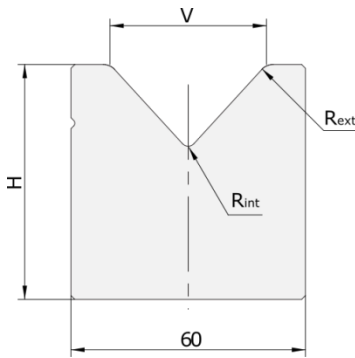
PMD-006

Art. N	U	Max t/m
U3MV	6 10 18	100

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

Approx. weight: 835 mm solid / 805 mm sectioned: 20 kg ; 415 mm solid: 10 kg

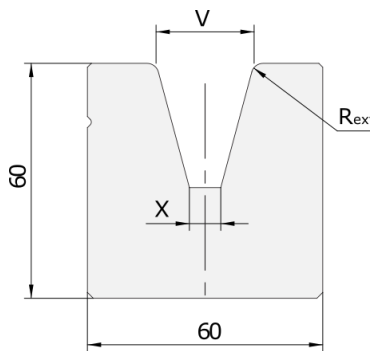


PSD-001

Art. N	Angle	V	H	R _{ext}	R _{int}	Weight 835/805S 415 mm	Max t/m
8532	85°	32	60	4,0	2,0	22 11,0 kg	100
8540	85°	40	60	4,0	2,0	21 10,0 kg	100
8550	85°	50	60	4,0	2,0	19 9,5 kg	80
4532	45°	32	80	4,0	2,5	28 14,0 kg	100

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

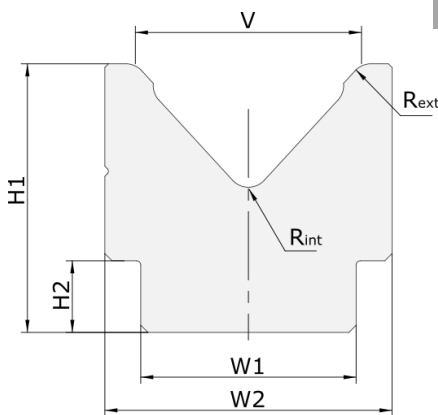


PSD-002

Art. N	Angle	V	R _{ext}	X	Weight 835/805S 415 mm	Max t/m
3018	30°	18	2,0	5,0	22 11,0 kg	100
3025	30°	25	3,0	8,0	23 11,0 kg	100

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

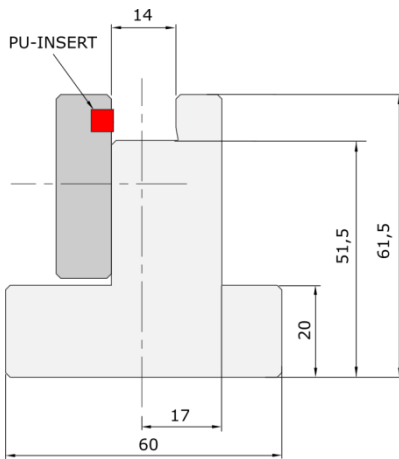


PSD-003

Art. N	Angle	V	H	H2	R _{ext}	R _{int}	W1	W2	Weight 835/805S 415 mm	Max t/m
8563	85°	63	75	20	6,0	6,0	60	80	28,5 15,0 kg	100
8580	85°	80	80	20	6,0	8,0	60	95	38 19,0 kg	100
8010	80°	100	95	20	7,0	10,0	60	120	50 25,0 kg	120
8012	80°	125	103	20	9,0	32,0	60	154	70 35,0 kg	120
8016	80°	160	130	20	11,0	38,0	60	185	91 51,0 kg	120
7022	70°	220	190	20	10,0	75,0	90	260	505sect 119kg	200
6050	60°	50	75	20	5,0	4,0	60	75	28 14,0 kg	100
6063	60°	63	86	20	5,0	4,0	60	86	34 17,0 kg	100
6080	60°	80	115	20	6,0	10,0	60	115	60 30,0 kg	100
4540	45°	40	75	20	4,0	2,5	60	75	33 16,0 kg	100
4550	45°	50	95	20	6,0	10,0	60	95	34 17,0 kg	100
4563	45°	63	105	20	8,0	14,0	60	105	36 18,0 kg	100
4580	45°	80	145	20	6,0	10,0	60	145	102 51,0 kg	100

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned except art. 7022



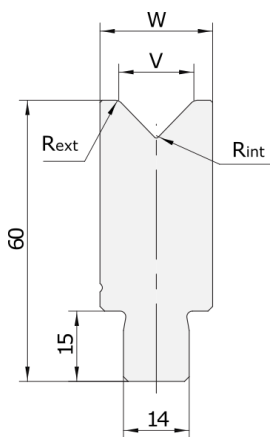
PSD-004H (Holder for inserts)

Art. N	H	W
UN01	51,5 61,5	60

Material: C45

Available sections: 835 mm solid ; 415 mm solid

Approx. weight: 835 mm solid: 17 kg ; 415 mm solid: 8 kg



PDI-001

Art. N	Angle	V	W	R _{ext}	R _{int}	Weight 835/805S 415 mm	Max t/m
8804	88°	4	14	0,6	0,5	5 2,0 kg	100
8806	88°	6	14	0,8	0,5	5 2,0 kg	100
8808	88°	8	14	1,0	0,5	5 2,0 kg	100
8810	88°	10	18	1,2	0,5	6 3,0 kg	100
8812	88°	12	18	1,5	0,5	6 3,0 kg	100
8816	88°	16	24	2,0	0,5	8 4,0 kg	100
8820	88°	20	30	2,0	0,5	9 4,0 kg	100
8825	88°	25	35	3,0	0,5	10 5,0 kg	100

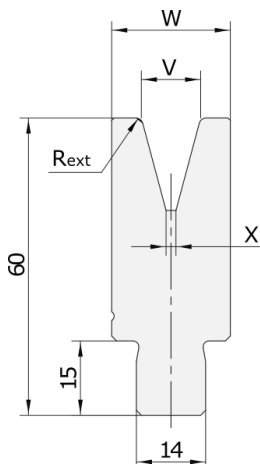
To use on holder: PSD-004H

Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

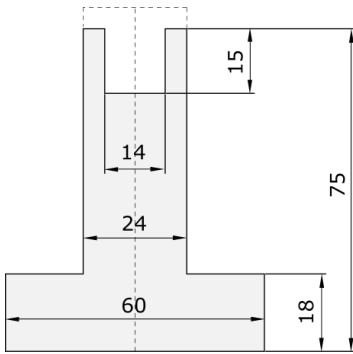
PDI-002

Art. N	Angle	V	W	R _{ext}	R _{int}	Weight 835/805S 415 mm	Max t/m
6006	60°	6	14	0,6	0,7	5,4 2,7 kg	100
6008	60°	8	14	0,8	0,7	5,4 2,7 kg	100
6010	60°	10	18	1,0	0,7	6,4 3,2 kg	100
6012	60°	12	18	1,2	0,7	6,2 3,1 kg	100
6016	60°	16	24	1,6	0,7	7,7 3,9 kg	100
6020	60°	20	30	2,0	0,7	9,0 4,5 kg	100
6025	60°	25	35	2,5	0,7	10 5,0 kg	100



PDI-003

Art. N	Angle	V	W	R _{ext}	X	Weight 835/805S 415 mm	Max t/m
3006	30°	6	14	0,6	R1,0	5 2,0 kg	35
3008	30°	8	14	0,8	2,0	6 3,0 kg	40
3010	30°	10	24	1,0	2,0	8 4,0 kg	50
3012	30°	12	24	1,5	2,0	7 3,0 kg	50
3016	30°	16	30	2,0	5,0	9 4,0 kg	50
3020	30°	20	35	2,5	5,0	9 4,0 kg	55
3025	30°	25	45	3,0	10,0	13 6,0 kg	55



PND-001H (Holder for inserts)

Art. N	H	W
UN01	75	60

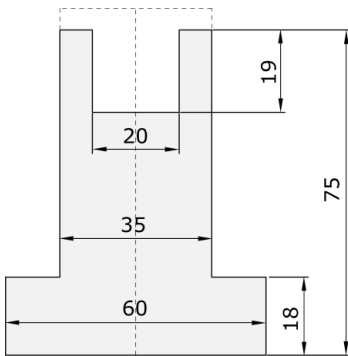
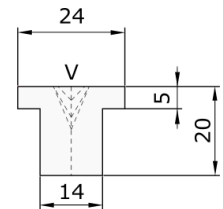
Material: C45

Available sections: 835 mm solid ; 415 mm solid

Approx. weight: 835 mm solid: 15 kg ; 415 mm solid: 7 kg

PNI-010

Art. N	Angle	V		
88-X	88°	6	8	10
60-X	60°	6	8	10
45-X	45°	6	8	10
30-X	30°	6	8	



PND-002H (Holder for inserts)

Art. N	H	W
UN02	75	60

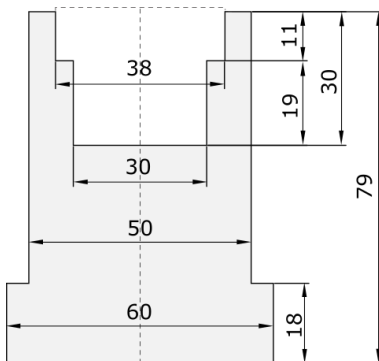
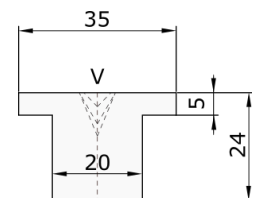
Material: C45

Available sections: 835 mm solid ; 415 mm solid

Approx. weight: 835 mm solid: 15 kg ; 415 mm solid: 7 kg

PNI-011

Art. N	Angle	V				
88-X	88°	6	8	10	12	16
60-X	60°	6	8	10	12	16
45-X	45°	6	8	10	12	--
30-X	30°	6	8	10	--	--



PND-003H (Holder for inserts)

Art. N	H	W
UN03	79	60

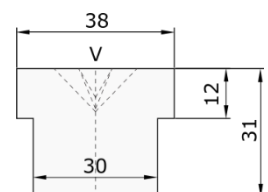
Material: C45

Available sections: 835 mm solid ; 415 mm solid

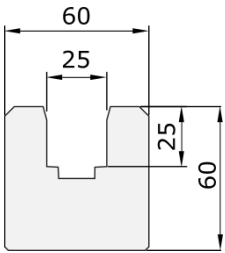
Approx. weight: 835 mm solid: 15 kg ; 415 mm solid: 7 kg

PNI-012

Art. N	Angle	V						
88-X	88°	6	8	10	12	16	20	25
60-X	60°	6	8	10	12	16	20	--
45-X	45°	6	8	10	12	16	20	--
30-X	30°	6	8	10	12	16	--	--



PPD-001H (Holder for inserts)



Art. N	H	W
UN60	60	60

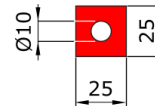
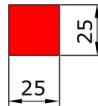
Material: C45

Available sections: 835 mm solid ; 415 mm solid

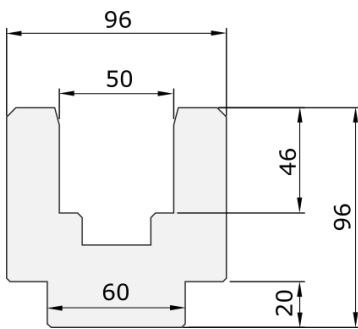
Approx. weight: 835 mm solid: 19 kg ; 415 mm solid: 9 kg

Art. N: PPI-23S (PU INSERT)

Art. N: PPI-23H (PU INSERT)



PPD-002H (Holder for inserts)



Art. N	H	W
UN96	96	96

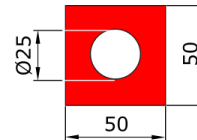
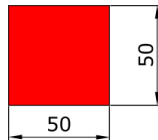
Material: C45

Available sections: 835 mm solid ; 415 mm solid

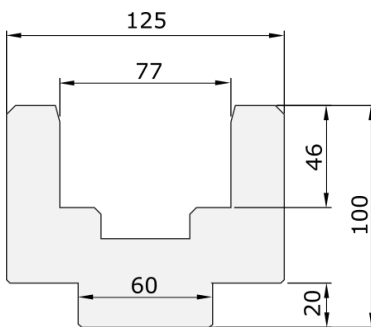
Approx. weight: 835 mm solid: 37 kg ; 415 mm solid: 18 kg

Art. N: PPI-21S (PU INSERT)

Art. N: PPI-21H (PU INSERT)



PPD-003H (Holder for inserts)



Art. N	H	W
UN12	100	125

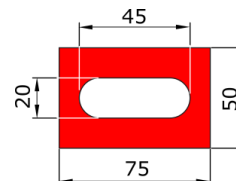
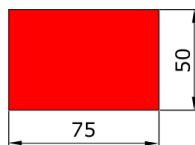
Material: C45

Available sections: 835 mm solid ; 415 mm solid

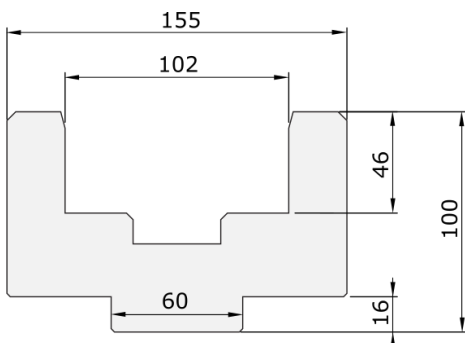
Approx. weight: 835 mm solid: 45 kg ; 415 mm solid: 22 kg

Art. N: PPI-22S (PU INSERT)

Art. N: PPI-23H (PU INSERT)



PPD-004H (Holder for inserts)



Art. N	H	W
UN15	100	155

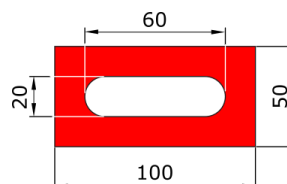
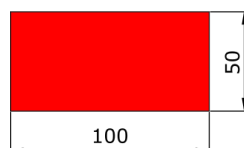
Material: C45

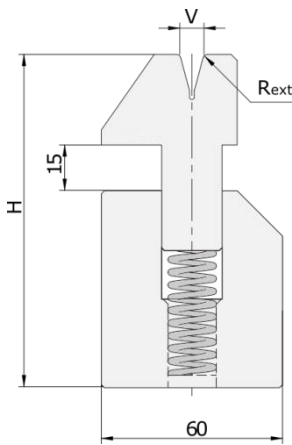
Available sections: 835 mm solid ; 415 mm solid

Approx. weight: 835 mm solid: 55 kg ; 415 mm solid: 27 kg

Art. N: PPI-23S (PU INSERT)

Art. N: PPI-23H (PU INSERT)





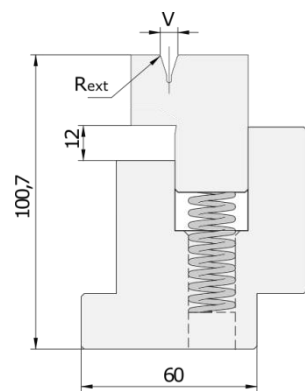
PHD-001

Art. N	Angle	V	H _{max}	R _{ext}	Max S (thickness)	Weight 835 415 mm	Max t/m
3506 •	35°	6	105	1,0	1,0	32 16,0 kg	80
3008 •	30°	8	110	1,0	1,5	34 17,0 kg	80

Material: C45 for main part, C45 quenched for bottom

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

- This position is available also in pneumatic version

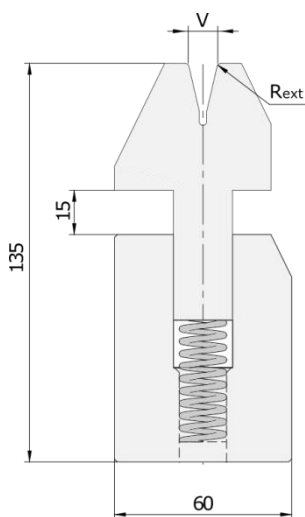


PHD-002

Art. N	Angle	V	H _{max}	R _{ext}	Max S (thickness)	Weight 835 415 mm	Max t/m
3506	35°	6	100,7	1,0	1,0	34 17,0 kg	60
3508	35°	8	100,7	1,0	1,2	34 17,0 kg	60

Material: C45 for main part, C45 quenched for bottom

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned



PHD-003

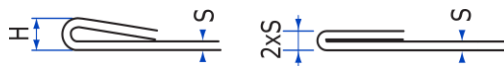
Art. N	Angle	V	H _{max}	R _{ext}	Max S (thickness)	Weight 835 415 mm	Max t/m
2610 •	26°	10	135	1,5	2,5	42 21,0 kg	100
2612 •	26°	12	135	3,0	3,0	42 21,0 kg	100

Material: C45 for main part, C45 quenched for bottom

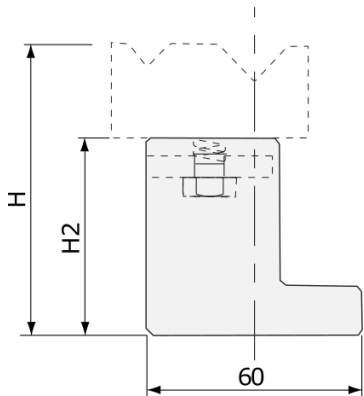
Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

- This position is available also in pneumatic version

Considered tonnage and parameters for hemming:



S mm	H mm	Tonnage / meter		2 x S mm	Tonnage / meter	
		Mild steel	INOX		Mild steel	INOX
0,6	3,0	9,0	15,0	1,2	23,0	35,0
0,8	3,0	12,0	20,0	1,6	32,0	50,0
1,0	3,5	15,0	25,0	2,0	40,0	60,0
1,25	3,5	17,0	26,0	2,5	50,0	80,0
1,5	4,6	22,0	38,0	3,0	63,0	95,0
2,0	5,5	30,0	50,0	4,0	80,0	130,0
2,5	6,5	55,0		5,0	90,0	
3,0	8,0	70,0		6,0	100,0	

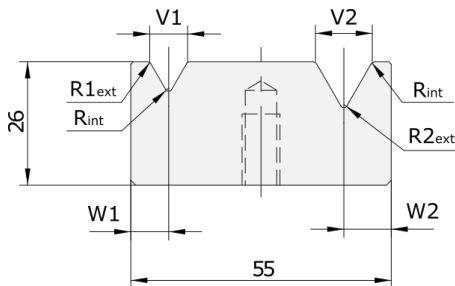


PDD-001H (Holder for dies)

Art. N	H	H2	W	Weight 835 415 mm
UN01	60	34	60	9 4,5 kg
UN02	65	39	60	12 6,0 kg
UN03	55	81	60	15 7,5 kg
UN04	75	101	60	19 9,0 kg

Material: C45

Available sections: 835 mm solid ; 415 mm solid



Material: C45

Available sections: 835 mm solid ; 415 mm solid

To use on holders: PDD-001H

PDD-002 H=26 mm

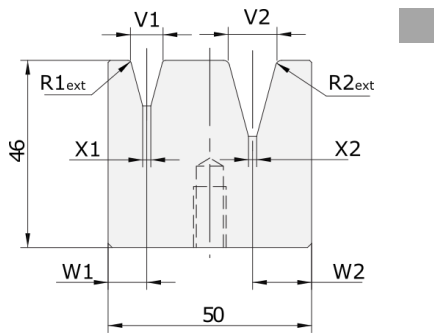
Art. N	Angle	V1	V2	W1	W2	R1 _{ext}	R2 _{ext}	R _{int}	Weight 835 415 mm	Max t/m
9004	90°	4	7	4	7	0,3	0,5	0,5	9 4,0 kg	100
9006	90°	6	10	6	10	0,4	0,6	0,5	9 4,0 kg	100
9008	90°	8	12	8	10	0,5	0,8	0,5	9 4,0 kg	100

PDD-003 H=26 mm

Art. N	Angle	V1	V2	W1	W2	R1 _{ext}	R2 _{ext}	R _{int}	Weight 835 415 mm	Max t/m
8806	88°	6	10	6	10	0,8	1,2	0,5	9 4,5 kg	100
8808	88°	8	12	8	10	1,0	1,5	0,5	9 4,5 kg	100
8812	88°	12	20	10	15	2,75	3,0	0,5	9 4,5 kg	100
8814	88°	14	18	11	13	2,75	3,0	0,5	9 4,5 kg	100
8816	88°	16	25	12	16,5	2,75	3,0	0,5	8 4,0 kg	100

PDD-004 H=26 mm

Art. N	Angle	V1	V2	W1	W2	R1 _{ext}	R2 _{ext}	R _{int}	Weight 835 415 mm	Max t/m
6006	60°	6	10	6	10	0,4	0,6	0,5	8 4,0 kg	60
6008	60°	8	12	8	10	0,8	1,2	0,7	8 4,0 kg	60
6012	60°	12	20	10	15	0,8	1,5	0,7	8 4,0 kg	60
6016	60°	16	20	12	15	1,6	2,0	0,7	8 4,0 kg	60



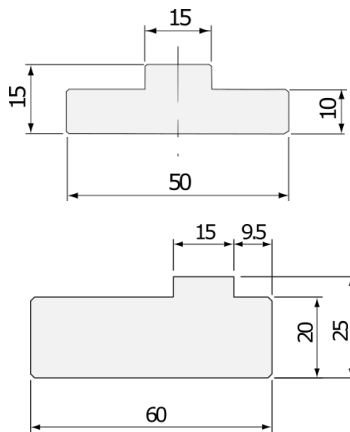
Material: C45

Available sections: 835 mm solid ; 415 mm solid

To use on holders: PDD-001H

PDD-005 H=46 mm

Art. N	Angle	V1	V2	W1	W2	R1 _{ext}	R2 _{ext}	X1 X2	Weight 835 415 mm	Max t/m
3008	30°	8	12	9,5	14,5	0,8	1,5	2	13 6,5 kg	40



PDD-006H (Holder for dies)

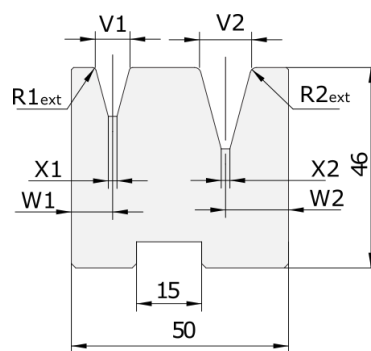
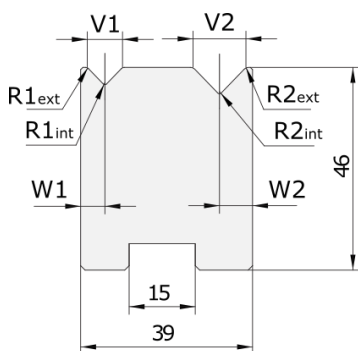
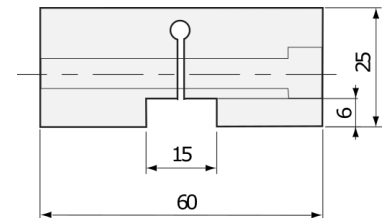
Art. N	H	W	Weight 835 415 mm
UN01	15	50	4 2,0 kg
UN02	25	60	8 4,0 kg

Material: C45

Available sections: 835 mm solid ; 415 mm solid

To use on holders: PDD-001H

Art. N: PDS-001 (STOPPER)



Material: C45

Available sections: 835 mm solid ; 415 mm solid, 805 mm sectioned

To use on holders: PDD-006H

PDD-007 H=46 mm

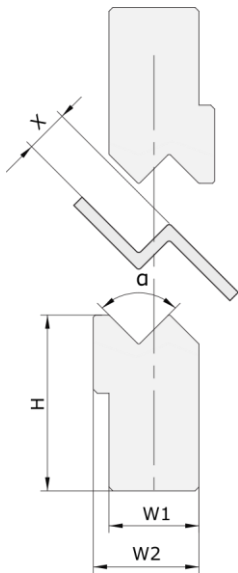
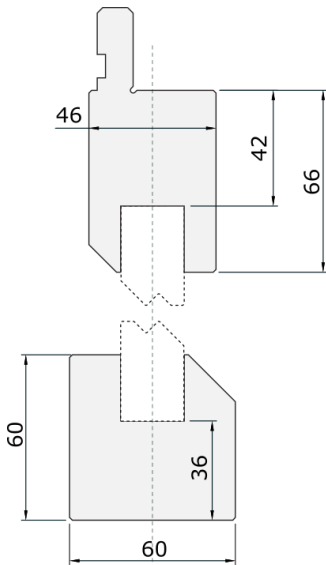
Art. N	Angle	V1	V2	W1	W2	R1 _{ext}	R2 _{ext}	R1 _{int}	R2 _{int}	Weight 835/805S 415 mm	Max t/m
9004	90°	4	7	3,5	5,0	0,3	0,5	0,5	0,5	9 4,5 kg	80
9006	90°	6	10	4,5	6,5	0,4	0,6	0,5	0,5	10 5,0 kg	80
9008	90°	8	12	5,5	7,5	0,5	0,6	0,5	0,8	11 5,5 kg	80

PDD-008 H=46 mm

Art. N	Angle	V1	V2	W1	W2	R1 _{ext}	R2 _{ext}	R1 _{int}	R2 _{int}	Weight 835/805S 415 mm	Max t/m
8806	88°	6	10	4,5	6,5	0,8	1,2	0,5	0,5	10 5,5 kg	80
8808	88°	8	12	5,5	7,5	1,0	1,5	0,5	0,5	11 5,5 kg	80
8814	88°	14	18	8,5	10,5	1,25	1,5	0,5	0,5	12 6,0 kg	80
8812	88°	12	20	7,5	12	0,8	1,75	0,5	0,5	12 6,0 kg	80
8816	88°	16	25	9,5	14,5	1,5	1,75	0,5	0,5	13 6,5 kg	80

PDD-009 H=46 mm

Art. N	Angle	V1	V2	W1	W2	R1 _{ext}	R2 _{ext}	X1 X2	Weight 835/805S 415 mm	Max t/m
3006	30°	6	10	7	12	0,6	1,0	R1 X=2	13 6,5 kg	40
3008	30°	8	12	9,5	14,5	0,8	1,5	2	13 6,5 kg	40



PZD-001H (Holder for inserts)

Art. N	Upper part		Lower part	
	H	W	H	W
UN01	66	60	60	60

Art. N UN01 includes both parts upper + lower.

Material: C45

Available sections: 835 mm solid ; 415 mm solid

Approx. weight: 835 mm solid: 38 kg ; 415 mm solid: 19 kg

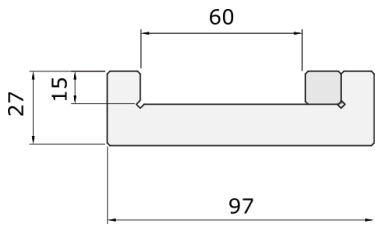
PZI-001

Art. N	Angle (α)	H	W1	W2	X	Weight 835 415 mm	Max. thickness mm
1610	160°	36	23	23	1,0	10 5,0 kg	0,5
1615	160°	36	23	23	1,5	10 5,0 kg	0,6
1520	150°	36	23	23	2,0	10 5,0 kg	0,8
1425	140°	36	23	23	2,5	10 5,0 kg	1,0
9001	90°	36	23	23	1,0	10 5,0 kg	0,5
9015	90°	36	23	23	1,5	10 5,0 kg	0,6
9020	90°	36	23	23	2,0	10 5,0 kg	0,8
9025	90°	36	23	23	2,5	10 5,0 kg	1,0
9030	90°	36	23	23	3,0	10 5,0 kg	1,0
9035	90°	36	23	23	3,5	10 5,0 kg	1,2
9040	90°	36	23	23	4,0	10 5,0 kg	1,2
9045	90°	36	23	23	4,5	10 5,0 kg	1,5
9050	90°	36	23	23	5,0	10 5,0 kg	1,5
9055	90°	36	23	23	5,5	10 5,0 kg	1,5
9060	90°	36	23	23	6,0	10 5,0 kg	1,5
9065	90°	36	23	23	6,5	10 5,0 kg	1,5
9070	90°	36	23	23	7,0	10 5,0 kg	2,0
9075	90°	36	23	23	7,5	10 5,0 kg	2,0
9080	90°	36	23	23	8,0	10 5,0 kg	2,5
9090	90°	45	23	27	9,0	13,5 6,7 kg	2,5
9010	90°	45	23	27	10,0	13,5 6,7 kg	3,0
9011	90°	45	23	27	11,0	13,5 6,7 kg	3,0
9012	90°	45	23	27	12,0	13,5 6,7 kg	3,0
9013	90°	45	23	32	13,0	14,5 7,3 kg	3,0
9014	90°	45	23	32	14,0	14,5 7,3 kg	3,0
9016	90°	45	23	32	15,0	14,5 7,3 kg	3,0

To use on holder: PZD-001H

Material: C45

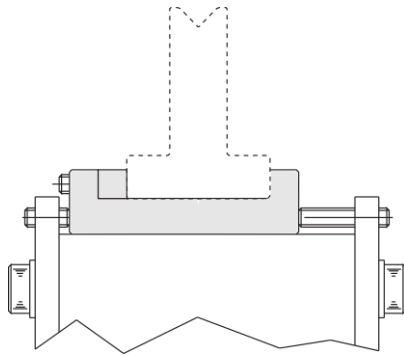
Available sections: 835 mm solid ; 415 mm solid



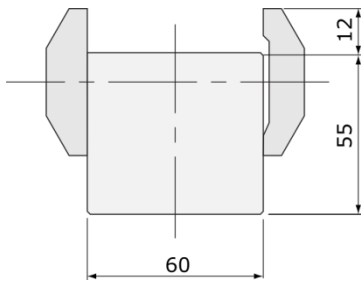
PDH-001

Art. N	L	H	Weight
UN01	2100 mm	27	27 kg
UN02	2600 mm	27	34 kg
UN03	3100 mm	27	40 kg
UN04	4100 mm	27	53 kg

Material: C45



PDH-002



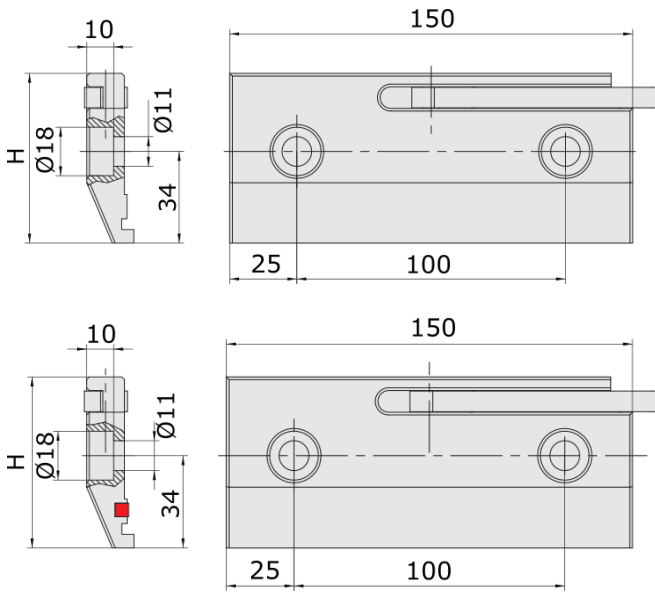
Art. N	Configuration	H	Weight 835 415 mm
UN01	with 6 x clamp blocks L=150 mm	55+12	22 kg
UN02	with 2 x clamp blocks L=800 mm	55+12	28 kg

Material: C45

Available sections: 835 mm solid

PCL-003

Art. N	L	H	Weight
UN01	150 mm	63	0,8 kg
UN02 with PU insert	150 mm	58	0,8 kg



PCL-004

Art. N	L	H	Weight
UN01	150 mm	58	0,8 kg
UN02 with PU insert	150 mm	58	0,8 kg

