



*Every step of the way*

# Quick Ship

Off-the-shelf delivery



**Shipped  
same day\***

\* When ordered  
before 12 AM



With a wide range of mold sizes available off-the-shelf, **D-M-E** offers its customers a value proposition for almost any project with **fast delivery** throughout Europe.

## Features:



- wide range of mold sizes available, from 156 x 156 up to 446 x 596



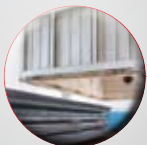
- immediate availability



- cavity plates in 1.1730 and Toolox 33



- lowest-priced mold base on the market



- stress relieved steel

**Hotline:**

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a Milacron Company

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[www.dme.net](http://www.dme.net)



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Quick Ship

# Quick Ship

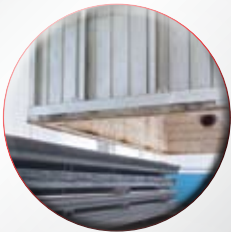
## Features:



- **wide range of mold sizes available, from 156 x 156 up to 446 x 596**



- **cavity plates in 1.1730 and Toolox 33**



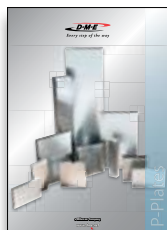
- **stress relieved steel**



- **immediate availability**



- **lowest-priced mold base on the market**



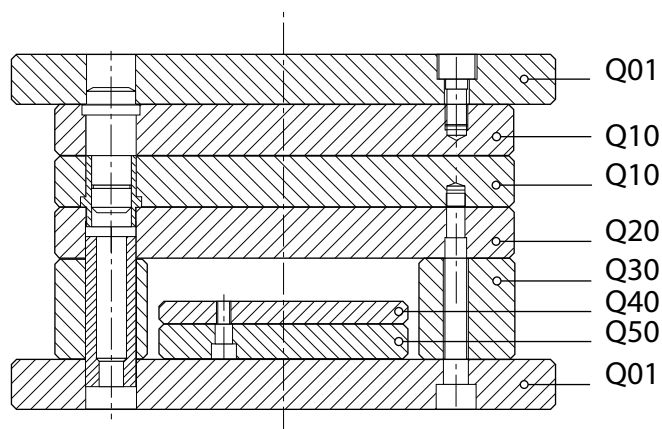
## Quick Ship

Info .....	3
156 x 156 .....	10
156 x 196 .....	14
156 x 246 .....	18
196 x 196 .....	22
196 x 246 .....	26
196 x 296 .....	30
196 x 346 .....	34
246 x 246 .....	38
246 x 296 .....	42
246 x 346 .....	46
246 x 396 .....	50
296 x 296 .....	54
296 x 346 .....	58
296 x 396 .....	62
296 x 446 .....	66
346 x 346 .....	70
346 x 396 .....	74
346 x 446 .....	78
346 x 496 .....	82
396 x 396 .....	86
396 x 446 .....	90
396 x 496 .....	94
396 x 546 .....	98
446 x 446 .....	102
446 x 496 .....	106
446 x 546 .....	110
446 x 596 .....	114
Guided Ejection .....	118

## P-Plates

Info .....	119
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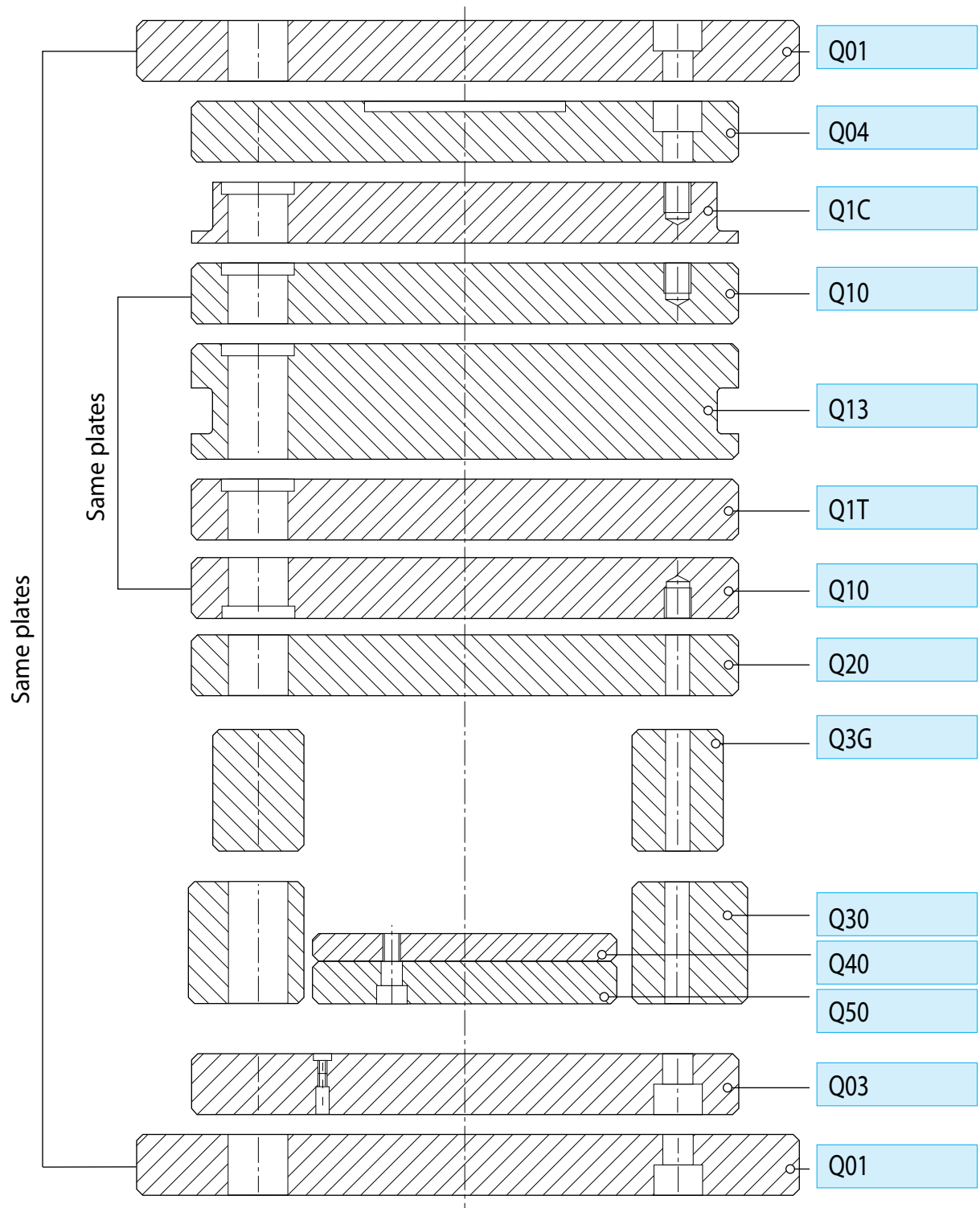


Quick Ship	D-M-E Euro Standard	D-M-E standard	Description
<b>Q01</b>	<b>L10</b>	<b>N01</b>	Oversize clamping plate (width)
<b>Q04</b>	<b>L25</b>	<b>N04</b>	Flush clamping plate + recess for locating ring
<b>Q03</b>	<b>L30</b>	<b>N03</b>	Flush clamping plate
<b>Q10</b>	<b>L35</b>	<b>N10</b>	Mold plate
<b>Q20</b>	<b>L45</b>	<b>N20</b>	Support plate
<b>Q30</b>	<b>L50</b>	<b>N30</b>	Risers
<b>Q40</b>	<b>L55</b>	<b>N40</b>	Ejector retainer plate
<b>Q50</b>	<b>L60</b>	<b>N50</b>	Ejector plate
<b>QR2</b>	<b>R02</b>	<b>FSC</b>	Leader pin with centrehead
<b>QR1</b>	<b>R01</b>	<b>FSN</b>	Leader pin
<b>QR4</b>	<b>R04</b>	<b>FBC</b>	Bushings with centrehead
<b>QR3</b>	<b>R03</b>	<b>FBN</b>	Bushings
<b>QR5</b>	<b>R05</b>	<b>TD</b>	Locating sleeves
<b>QM</b>	<b>M</b>	<b>M</b>	Screws



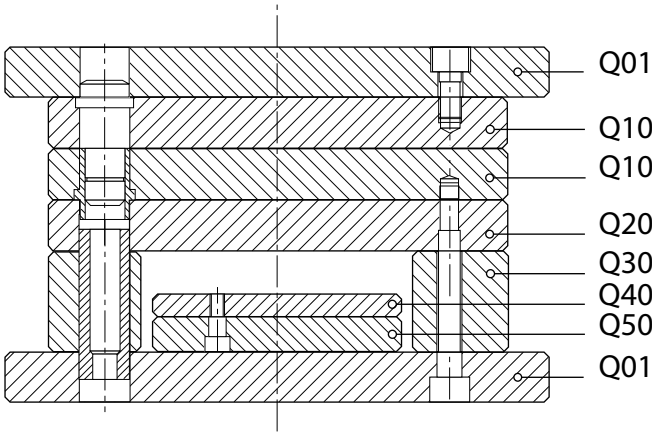
Plates denomination

Info

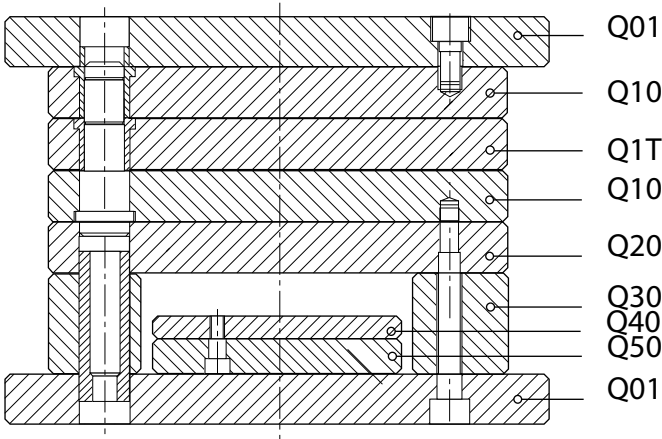


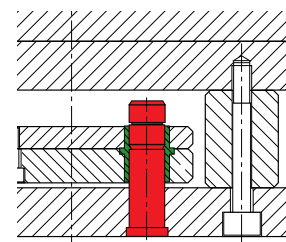
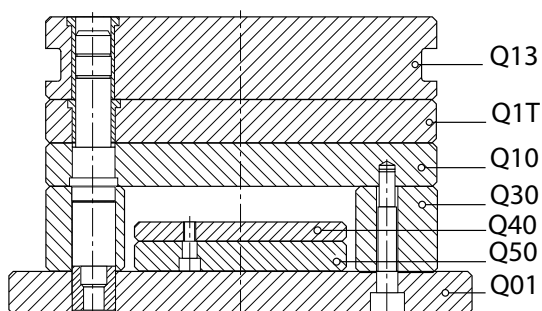
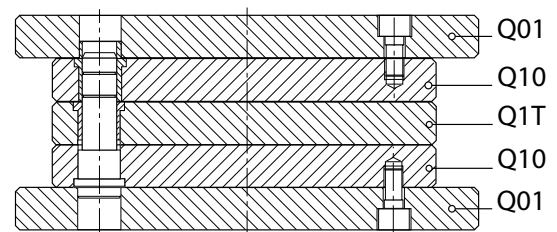
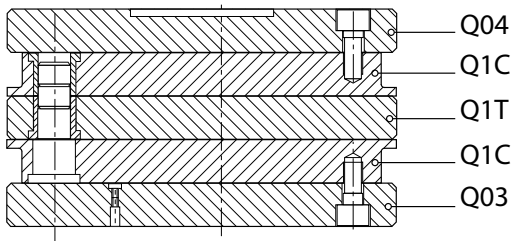
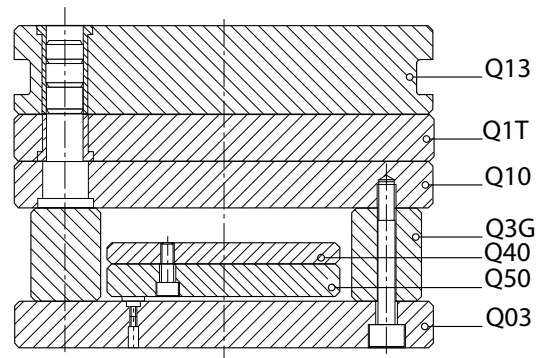
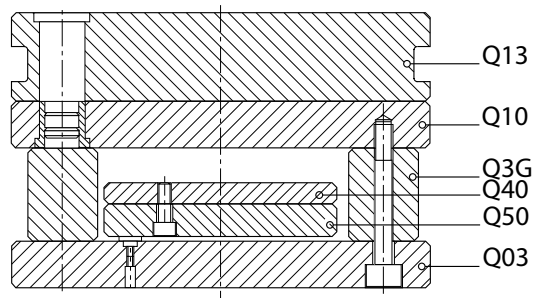
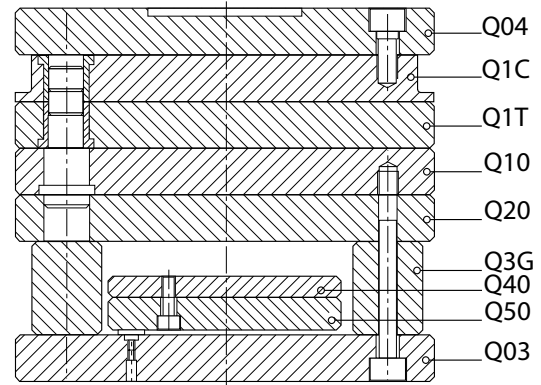
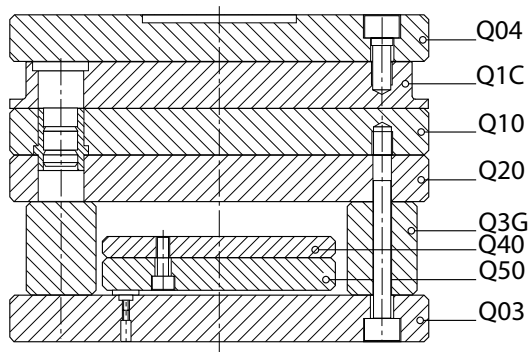


Basic set



Basic set incl. stripper plate





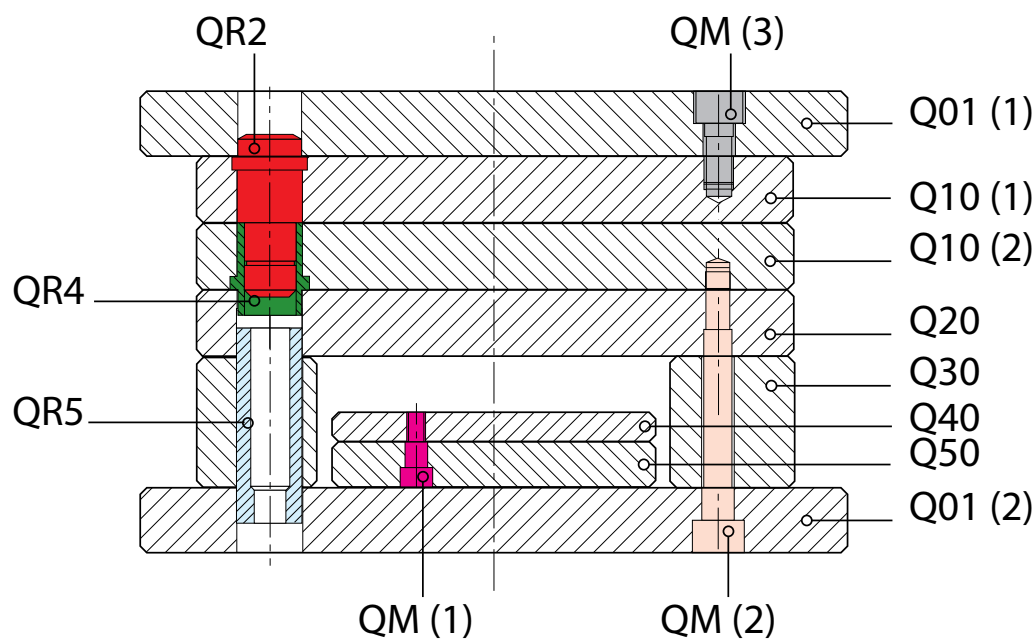
See page 118





Info

Ordering example Plates



	REF	Item	Ordering example	pcs
(1)	<b>Q01</b>	Q01 - W - L - S - Steel	Q01 156 156 022 1730	1
(1)	<b>Q10</b>	Q10 - W - L - S - Steel	Q10 156 156 036 TOOLOX 33	1
(2)	<b>Q10</b>	Q10 - W - L - S - Steel	Q10 156 156 046 TOOLOX 33	1
	<b>Q20</b>	Q20 - W - L - S - Steel	Q20 156 156 026 1730	1
	<b>Q30</b>	Q30 - W - L - S - Steel	Q30 156 156 057 1730	2
	<b>Q40</b>	Q40 - W - L - S - Steel	Q40 156 156 012 1730	1
	<b>Q50</b>	Q50 - W - L - S - Steel	Q50 156 156 018 1730	1
(2)	<b>Q01</b>	Q01 - W - L - S - Steel	Q01 156 156 022 1730	1
	<b>QR2</b>	QR2 - D1 - L1 - L	QR2 016 036 080	4
	<b>QR4</b>	QR4 - D1 - L	QR4 016 046	4
	<b>QR5</b>	QR5 - D2 - L	QR5 022 080	4
	<b>QM(1)</b>	QM - M - L	QM 008 025	4
	<b>QM(2)</b>	QM - M - L	QM 010 030	4
	<b>QM(3)</b>	QM - M - L	QM 010 110	4

## Toolox 33

TOOLOX 33 is a new steel delivered quenched and tempered with high impact toughness and very low residual stresses to get good dimensional stability.

TOOLOX 33 has a low carbide content, and is therefore excellent to machine.

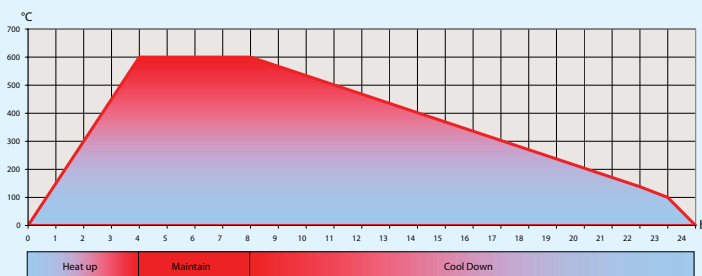
TOOLOX 33 is suitable for plastic molding, for rubber molding and machine components. With proper surface treatment, the service life of the tool/component can be prolonged.

More info see [www.toolox.com](http://www.toolox.com)



## Stress relieved steel

This heating process removes the inherent stress properties in steel, thereby improving machine ability and allowing us to grind parts to higher flatness standards. Steel is delivered from the most famous European steel mills and is being stress-relieved in house with great care. Thanks to the temperature being maintained for a long time and slow cooling of the oven at a rate of 35° C/h we obtain the best results.



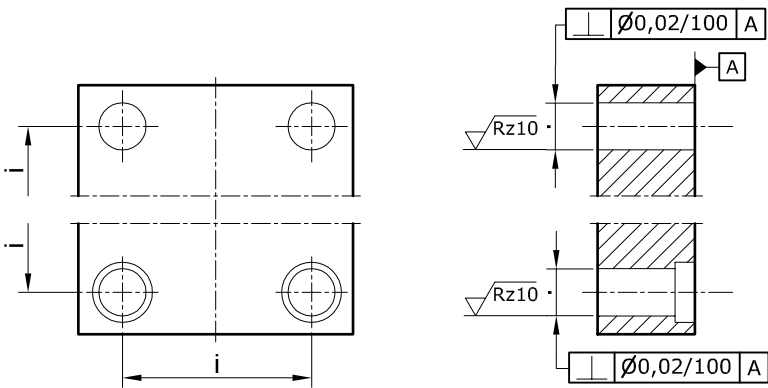


Dimensions of the standard molds

X / Y	156	196	246	296	346	396	446	496	546	596
156	●	●	●							
196		●	●	●	●					
246			●	●	●	●				
296				●	●	●	●			
346					●	●	●	●		
396						●	●	●	●	
446							●	●	●	●

● In stock

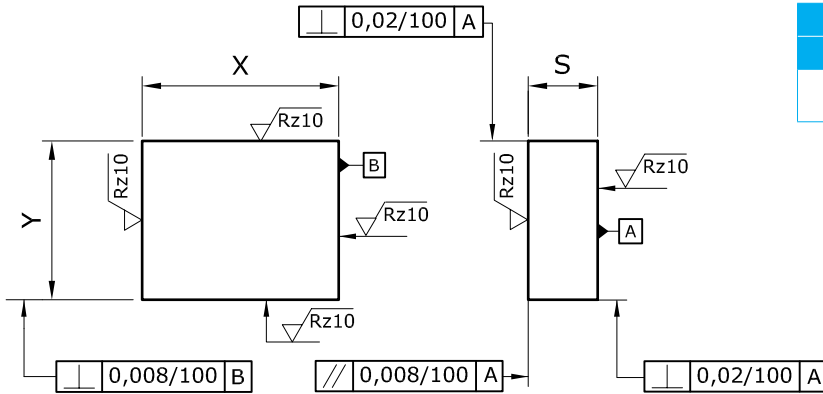
Tolerances



i	mm	µm
i	> 100 ≤ 125	± 10
	> 125 ≤ 160	± 11
	> 160 ≤ 200	± 12
	> 200 ≤ 250	± 13
	> 250 ≤ 315	± 15
	> 315 ≤ 400	± 16
	> 400 ≤ 500	± 17
	> 500 ≤ 630	± 19



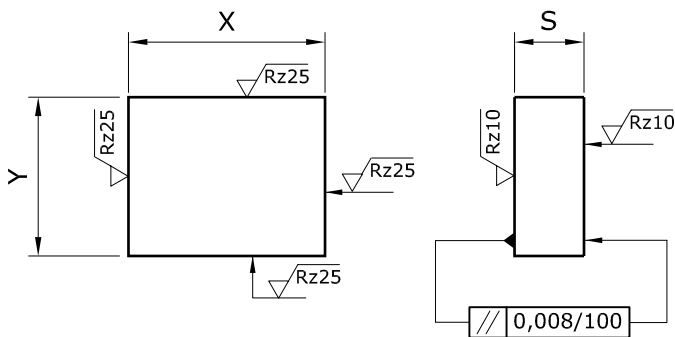
## Tolerances plates



Q1C, Q10, Q13, Q1T, Q20

X	Y	S
+0,02 -0,02	+0,02 -0,02	+0,03 -0,00

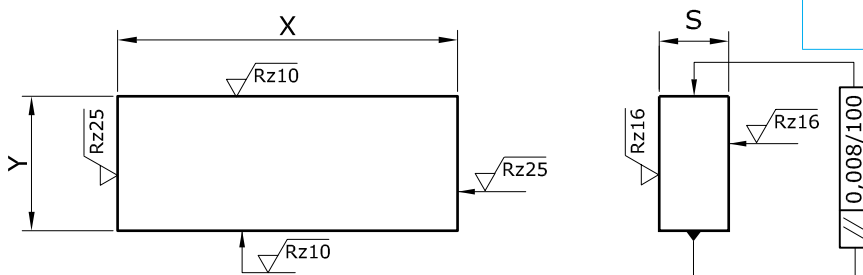
## Tolerances plates



Q01, Q04, Q03

X	Y	S
+0,2 -0,2	+0,2 -0,2	+0,03 -0,00

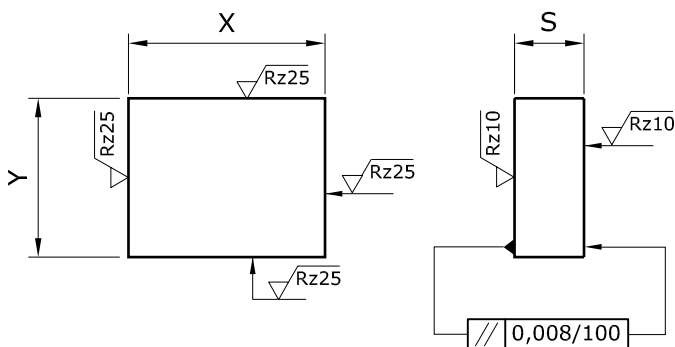
## Tolerances plates



Q30, Q3G

X	Y	S
+0,2 -0,2	+0,02 -0	+0,1 -0,1

## Tolerances plates



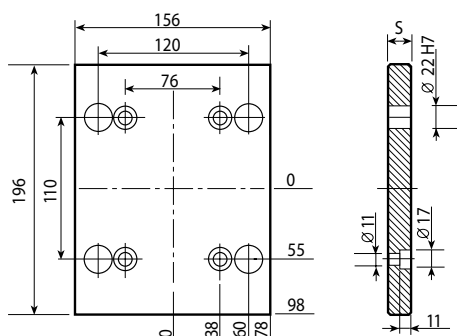
Q40

X	Y	S
+0,2 -0,2	+0,2 -0,2	+0,02 -0,02



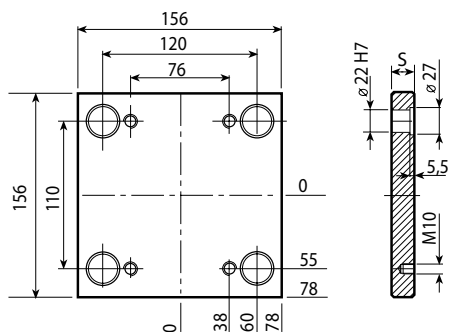


## Q01



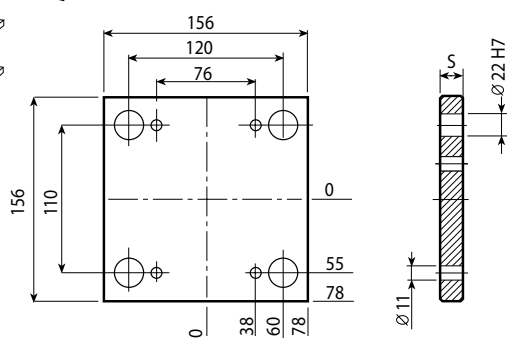
Mat.	S		
	22	26	36
1730	●		

## Q10



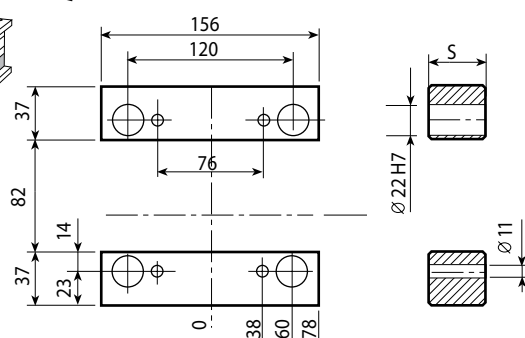
Mat.	S								
	22	26	36	46	56	66	76	96	106
1730	●	●	●	●	●	●	●		
Toolox 33	●	●	●	●	●	●	●		

## Q20



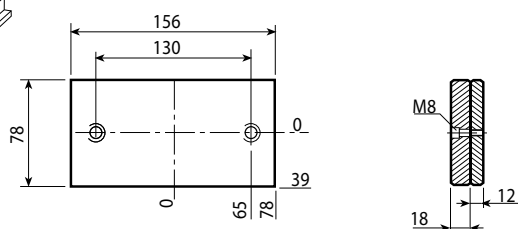
Mat.	S		
	26	36	46
1730	●		

## Q30



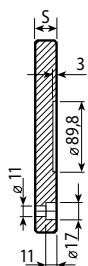
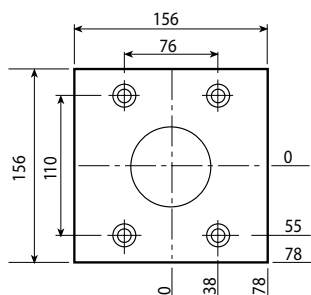
Mat.	S				
	57	77	97	117	147
1730	●	●			

## Q40 / Q50



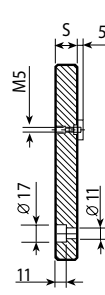
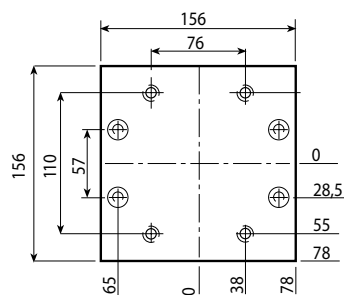


Q04



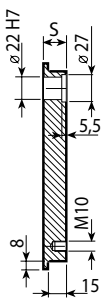
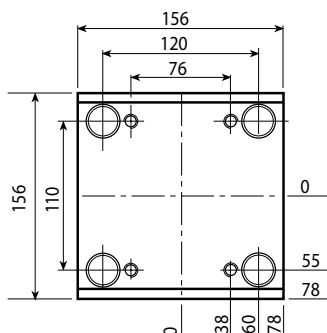
Mat.	S		
	22	26	36
1730	●		

Q03



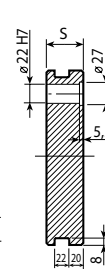
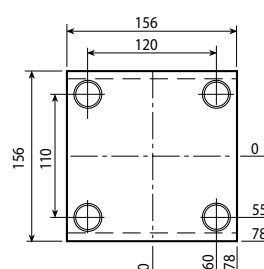
Mat.	S		
	22	26	36
1730	●		

Q1C



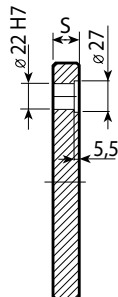
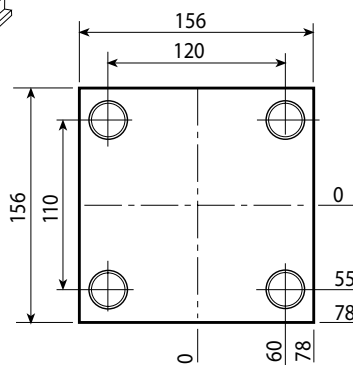
Mat.	S								
	22	26	36	46	56	66	76	96	106
1730	●	●	●	●					
Toolox 33	●	●	●	●					

Q13



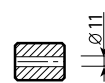
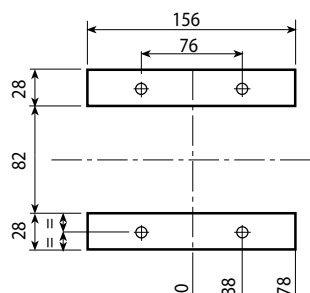
Mat.	S								
	22	26	36	46	56	66	76	96	106
1730				●	●	●	●		
Toolox 33				●	●	●	●		

Q1T



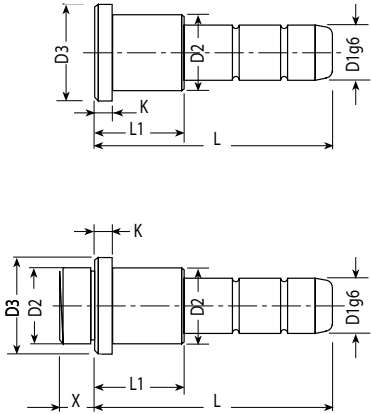
Mat.	S								
	22	26	36	46	56	66	76	96	106
1730	●	●	●	●	●	●	●		
Toolox 33	●	●	●	●	●	●	●		

Q3G



Mat.	S				
	57	77	97	117	147
1730	●	●			

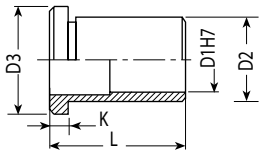
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																	
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340	
16	22	26	5	10	22	●	●	●	●														
					26	●	●	●	●	●	●												
					36			●	●	●	●												
					46			●	●	●	●												
					56					●	●	●	●	●	●								
					66					●	●	●	●	●	●	●							
					76						●	●	●	●	●	●							
					96							●	●	●	●	●							

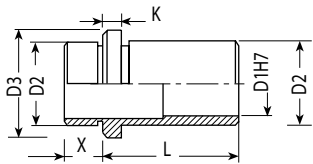
QR3



Bushing

D1	D2	D3	K	L = Length							
				22	26	36	46	56	66	76	96
16	22	26	5	●	●	●	●	●	●	●	●

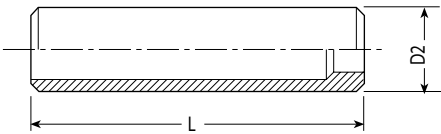
QR4



Bushing

D1	D2	D3	K	X	L = Length							
					22	26	36	46	56	66	76	96
16	22	26	5	10	●	●	●	●	●	●	●	●

QR5



Bushing

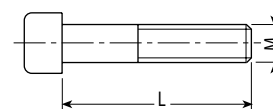
D2	L = Length									
	30	80	100	120	140					
40	●	●	●	●	●					



## Screw

QM

M	L = Length																	
	16	18	20	25	30	35	40	45	55	60	70	80	90	100	110	120	130	140
10	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

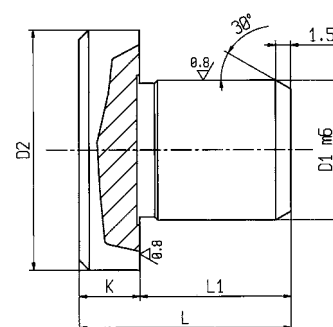


## Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

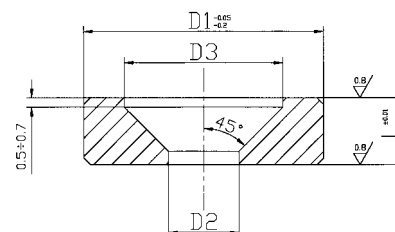


## Spacer disk

Mat.: UNI 16 Ni Cr 4

QA2

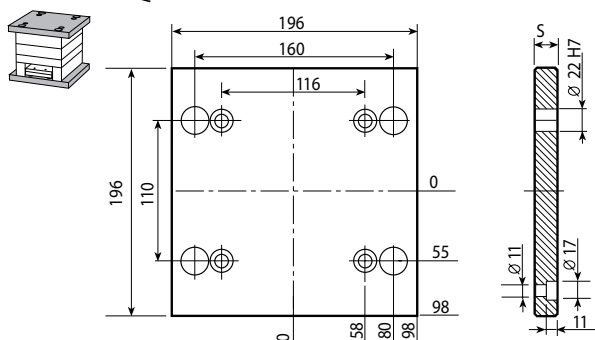
D1	D2	D3	L
20	5,3	11	5





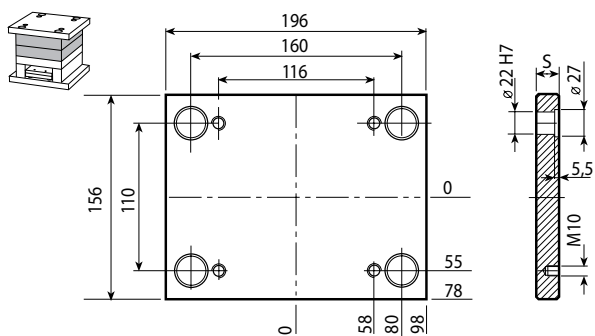


## Q01



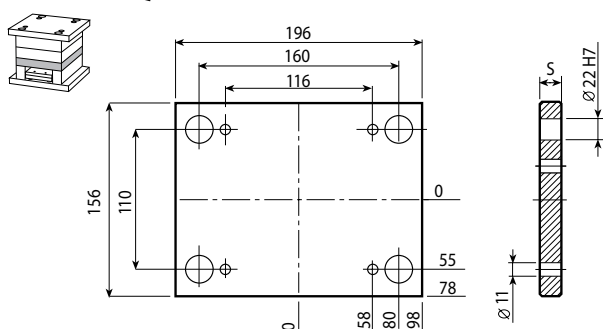
Mat.	S		
	22	26	36
1730	●		

## Q10



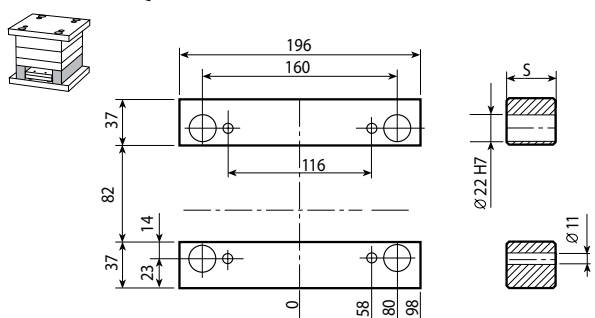
Mat.	S								
	22	26	36	46	56	66	76	96	106
1730	●	●	●	●	●	●	●		
Toolox 33	●	●	●	●	●	●	●		

## Q20



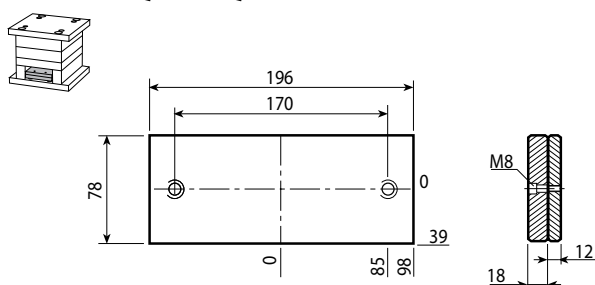
Mat.	S		
	26	36	46
1730	●		

## Q30

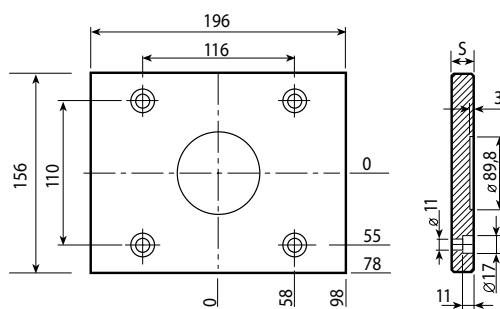


Mat.	S				
	57	77	97	117	147
1730	●	●			

## Q40 / Q50

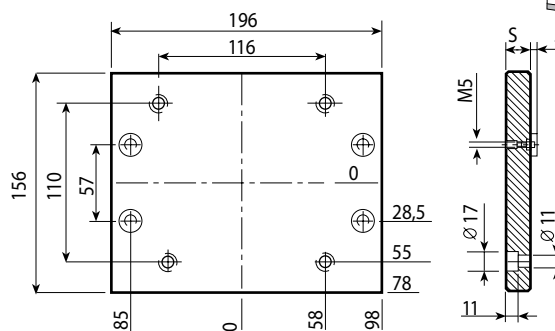


Q04



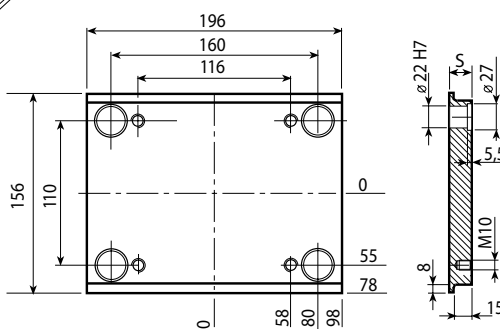
Mat.	S		
	22	26	36
1730	●		

Q03



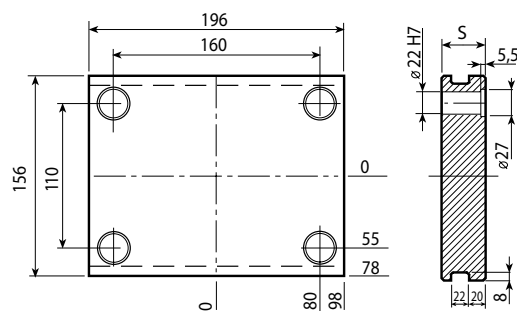
Mat.	S		
	22	26	36
1730	●		

Q1C



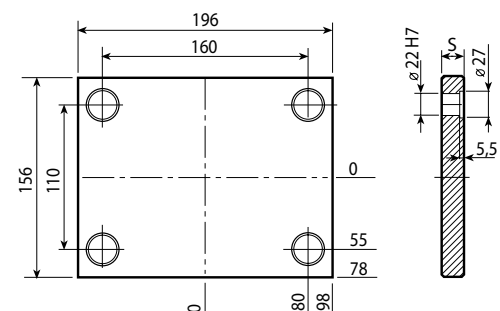
Mat.	S								
	22	26	36	46	56	66	76	96	106
1730	●	●	●	●					
Toolox 33	●	●	●	●					

Q13



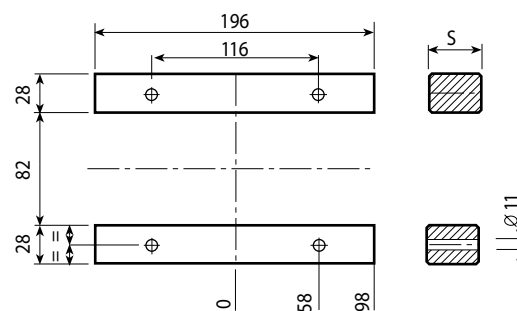
Mat.	S								
	22	26	36	46	56	66	76	96	106
1730				●	●	●	●		
Toolox 33				●	●	●	●		

Q1T



Mat.	S								
	22	26	36	46	56	66	76	96	106
1730	●	●	●	●	●	●	●		
Toolox 33	●	●	●	●	●	●	●		

Q3G



Mat.	S				
	57	77	97	117	147
1730	●	●			





## Screw

QM

M	L = Length																	
	16	18	20	25	30	35	40	45	50	55	60	70	80	90	100	110	120	130
10	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

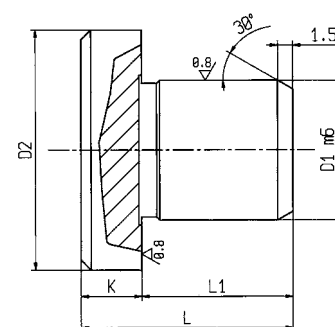


## Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

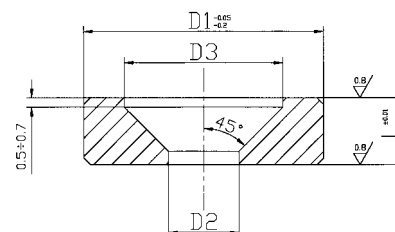


## Spacer disk

Mat.: UNI 16 Ni Cr 4

QA2

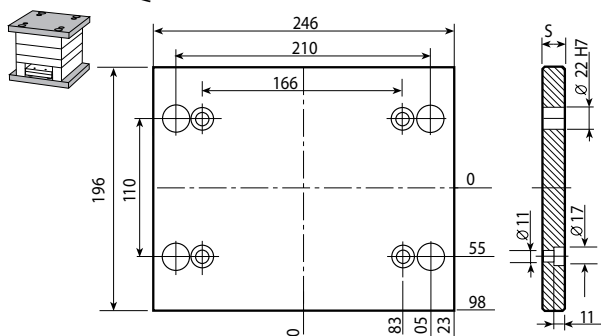
D1	D2	D3	L
20	5,3	11	5





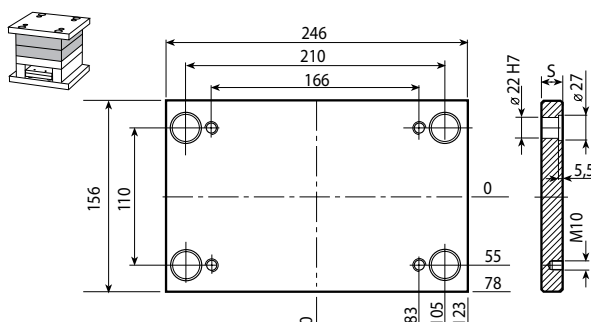


## Q01



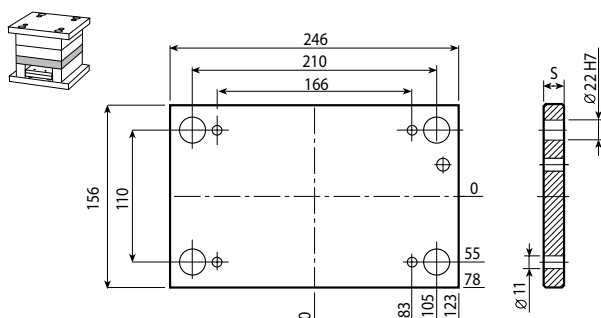
Mat.	S		
	22	26	36
1730	●		

## Q10



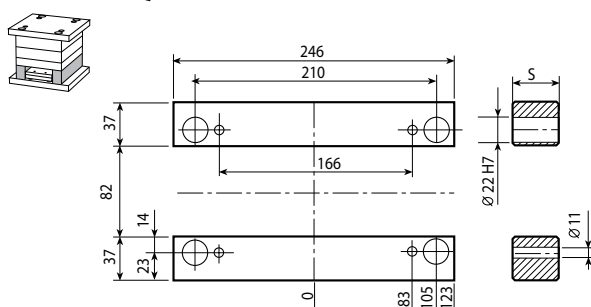
Mat.	S								
	22	26	36	46	56	66	76	96	106
1730	●	●	●	●	●	●	●		
Toolox 33	●	●	●	●	●	●	●		

## Q20



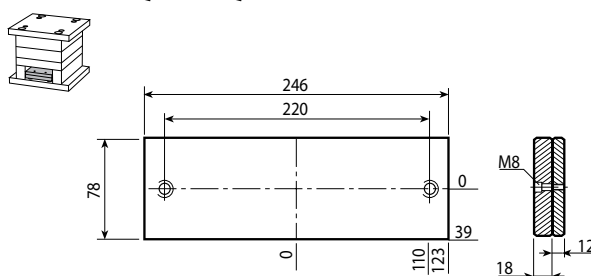
Mat.	S		
	26	36	46
1730	●		

## Q30



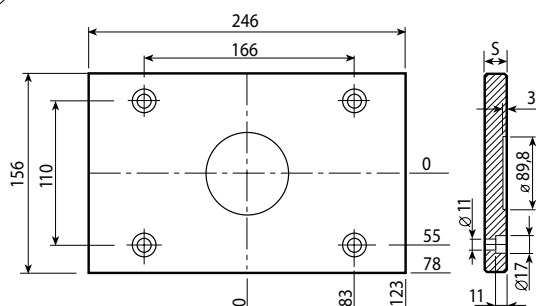
Mat.	S				
	57	77	97	117	147
1730	●	●			

## Q40 / Q50



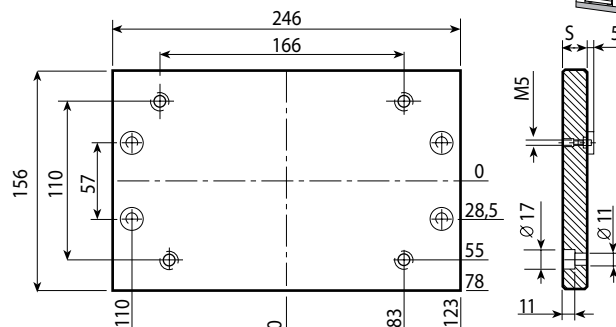


Q04



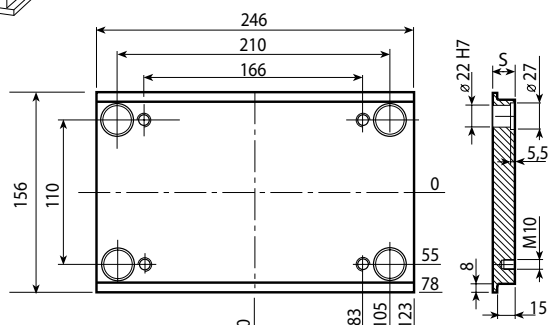
Mat.	S		
	22	26	36
1730	●		

Q03



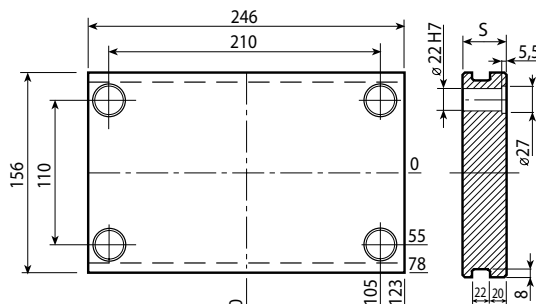
Mat.	S		
	22	26	36
1730	●		

Q1C



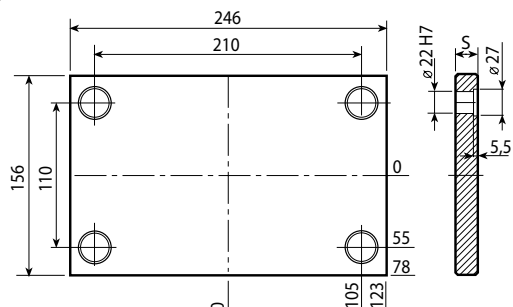
Mat.	S								
	22	26	36	46	56	66	76	96	106
1730	●	●	●	●					
Toolox 33	●	●	●	●					

Q13



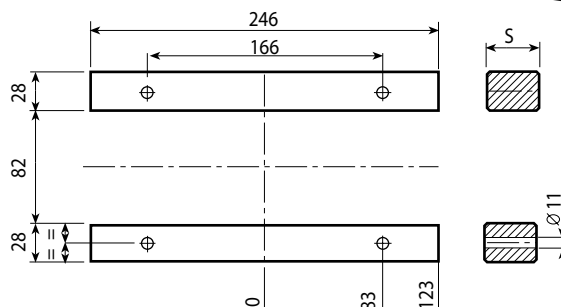
Mat.	S								
	22	26	36	46	56	66	76	96	106
1730				●	●	●	●		
Toolox 33				●	●	●	●		

Q1T



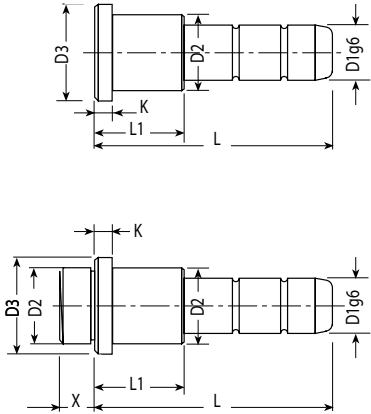
Mat.	S								
	22	26	36	46	56	66	76	96	106
1730	●	●	●	●	●	●	●		
Toolox 33	●	●	●	●	●	●	●		

Q3G



Mat.	S				
	57	77	97	117	147
1730	●	●			

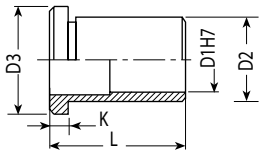
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																	
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340	
16	22	26	5	10	22	●	●	●	●														
					26	●	●	●	●	●	●												
					36			●	●	●	●	●											
					46			●	●	●	●	●											
					56					●	●	●	●	●	●	●	●						
					66						●	●	●	●	●	●	●						
					76							●	●	●	●	●	●						
					96								●	●	●	●	●						

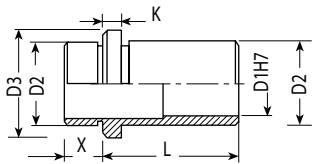
QR3



Bushing

D1	D2	D3	K	L = Length							
				22	26	36	46	56	66	76	96
16	22	26	5	●	●	●	●	●	●	●	●

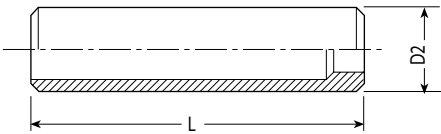
QR4



Bushing

D1	D2	D3	K	X	L = Length							
					22	26	36	46	56	66	76	96
16	22	26	5	10	●	●	●	●	●	●	●	●

QR5



Bushing

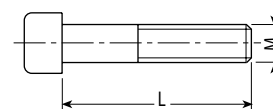
D2	L = Length									
	30	80	100	120	140					
22	●	●	●	●	●					



## Screw

QM

M	L = Length																	
	16	18	20	25	30	35	40	45	50	55	60	70	80	90	100	110	120	130
10	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

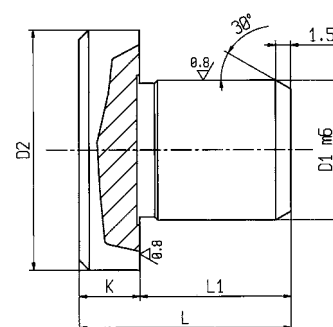


## Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

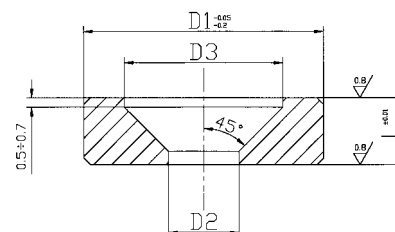


## Spacer disk

Mat.: UNI 16 Ni Cr 4

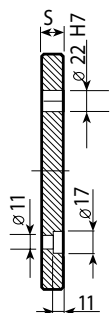
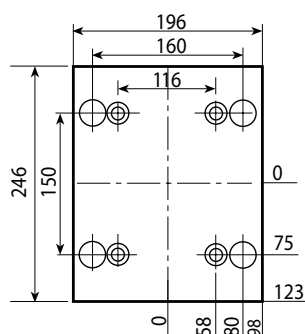
QA2

D1	D2	D3	L
20	5,3	11	5



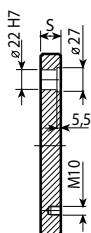
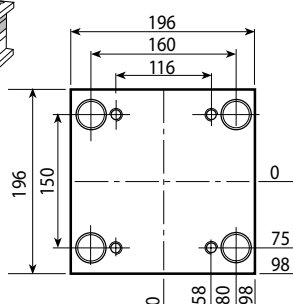


## Q01



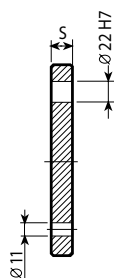
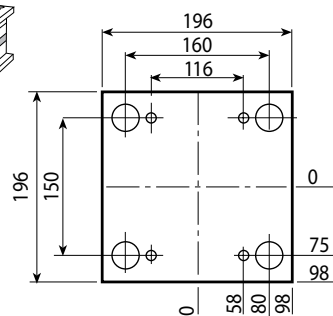
Mat.	S		
	22	26	36
1730	●		

## Q10



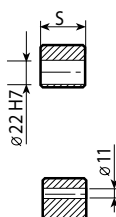
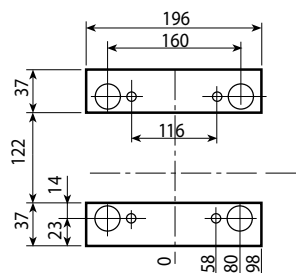
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●	●	●	●		
Toolox 33	●	●	●	●	●	●	●		

## Q20



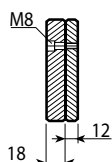
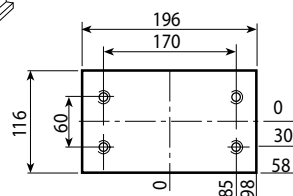
Mat.	S		
	26	36	46
1730	●		

## Q30



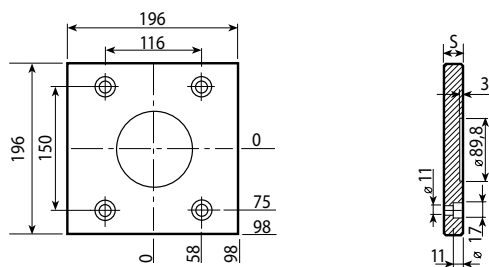
Mat.	S				
	57	77	97	117	147
1730	●	●	●		

## Q40 / Q50



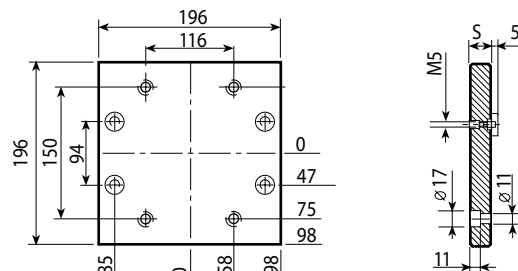


Q04



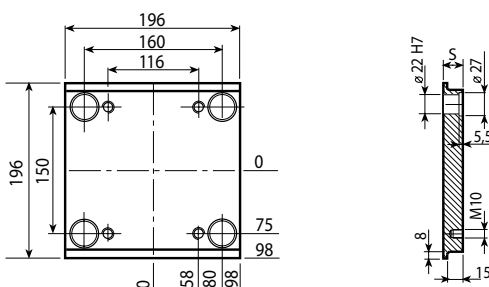
Mat.	S		
	22	26	36
1730	●		

Q03



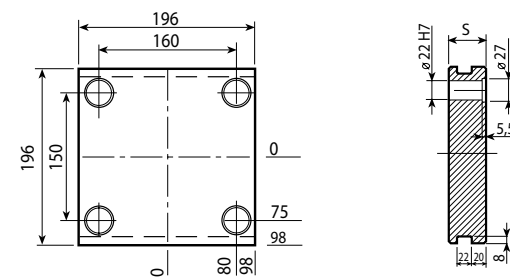
Mat.	S		
	22	26	36
1730	●		

Q1C



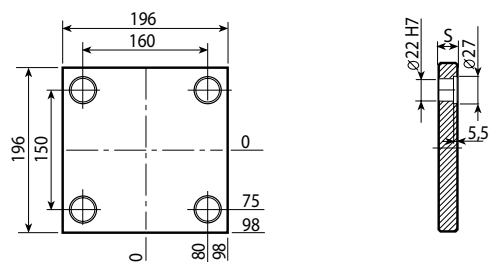
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●					
Toolox 33	●	●	●	●					

Q13



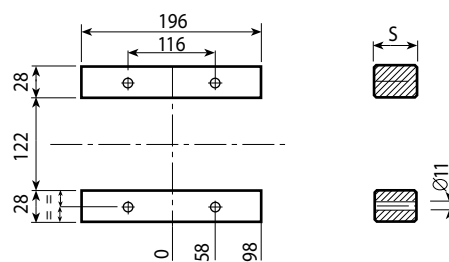
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730			●	●	●	●	●		
Toolox 33			●	●	●	●	●		

Q1T



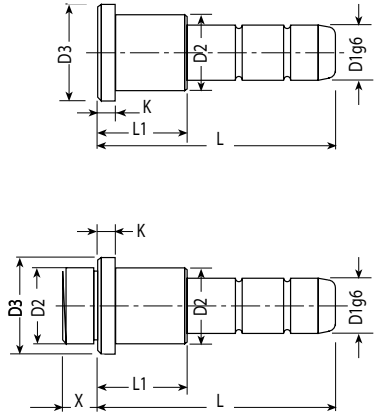
Mat.	S								
	22	26	36	46	56	66	76	96	106
1730	●	●	●	●	●	●	●	●	
Toolox 33	●	●	●	●	●	●	●	●	

Q3G



Mat.	S				
	57	77	97	117	147
1730	●	●	●		

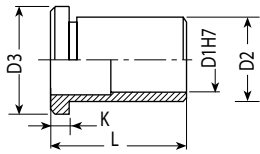
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																	
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340	
16	22	26	5	10	22	●	●	●	●														
					26	●	●	●	●	●	●												
					36			●	●	●	●	●											
					46			●	●	●	●	●											
					56					●	●	●	●	●	●	●							
					66						●	●	●	●	●	●	●						
					76							●	●	●	●	●	●						
					96								●	●	●	●							

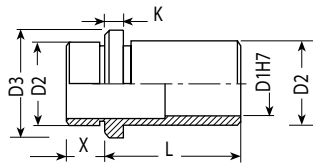
QR3



Bushing

D1	D2	D3	K	L = Length							
				22	26	36	46	56	66	76	96
16	22	26	5	●	●	●	●	●	●	●	●

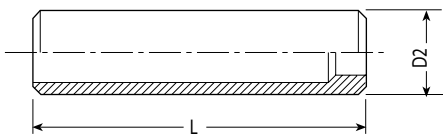
QR4



Bushing

D1	D2	D3	K	X	L = Length							
					22	26	36	46	56	66	76	96
16	22	26	5	10	●	●	●	●	●	●	●	●

QR5



Bushing

D2	L = Length									
	30	80	100	120	140					
22	●	●	●	●	●					



## Screw

QM

M	L = Length																	
	16	18	20	25	30	35	40	45	50	55	60	70	80	90	100	110	120	130
10	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

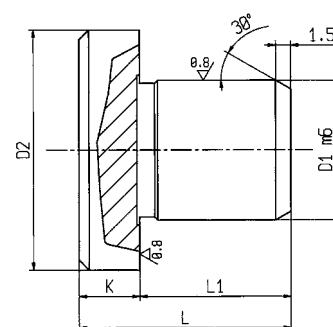


## Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

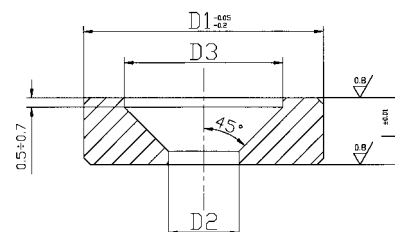


## Spacer disk

Mat.: UNI 16 Ni Cr 4

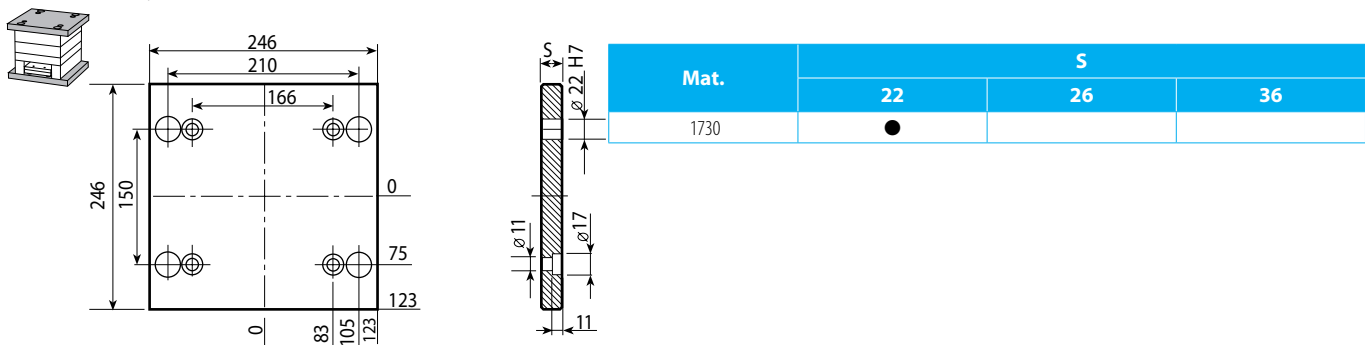
QA2

D1	D2	D3	L
20	5,3	11	5

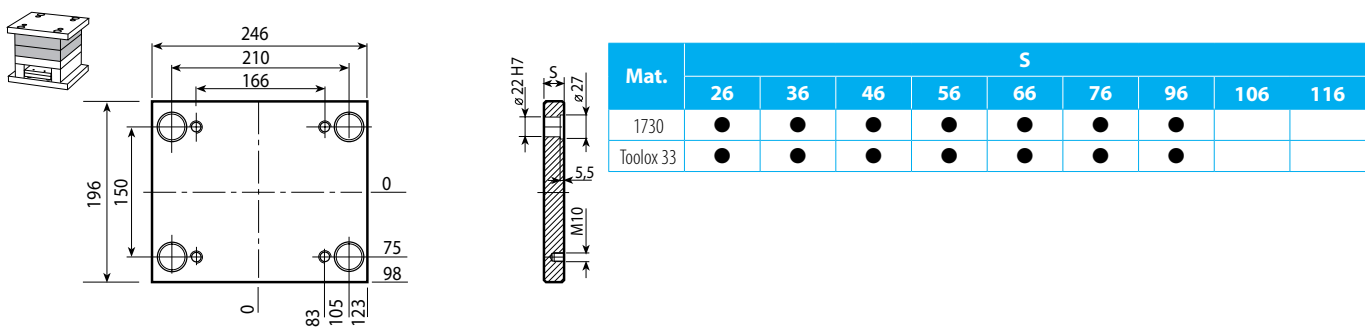




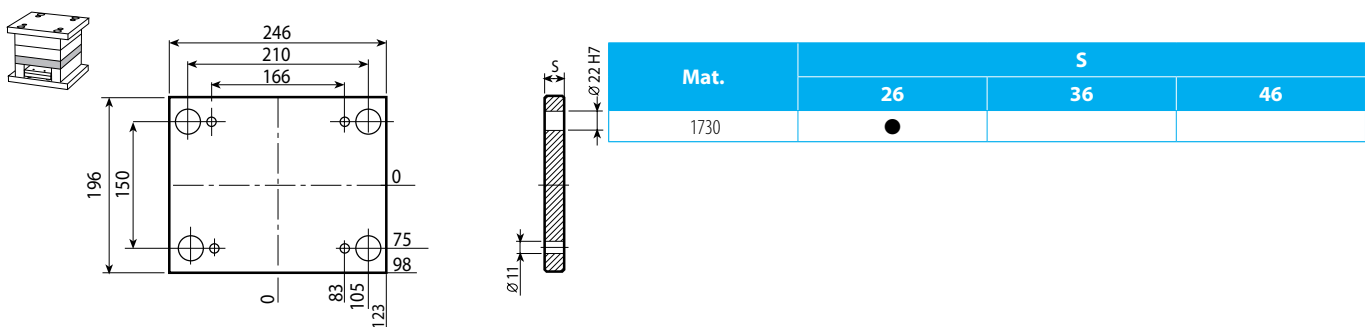
Q01



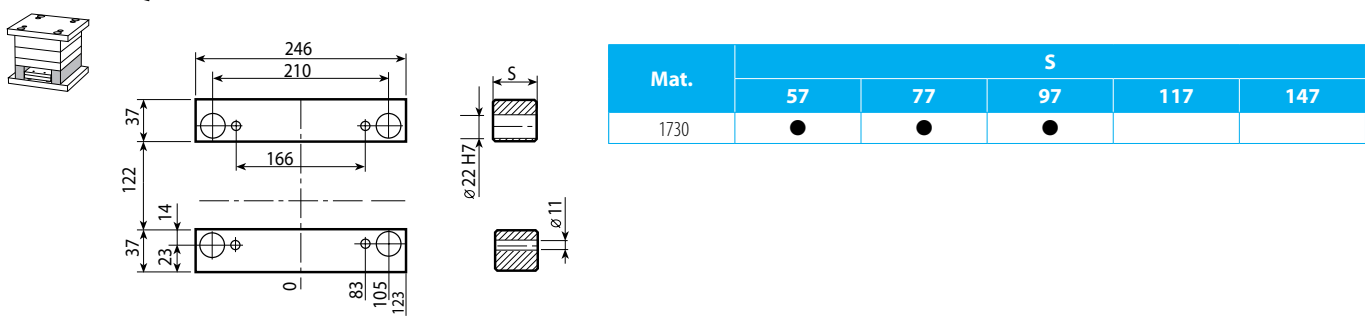
Q10



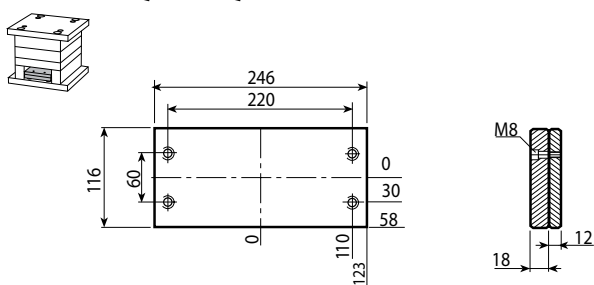
Q20



Q30

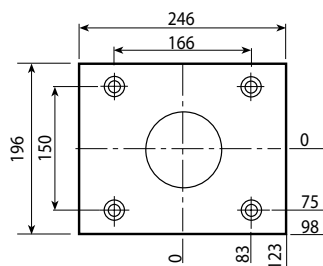


Q40 / Q50



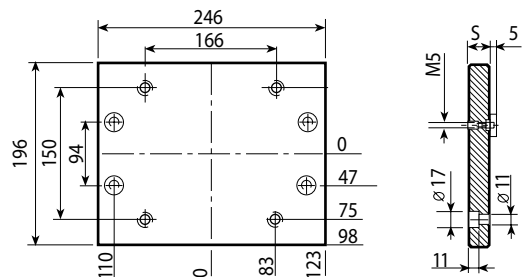


Q04



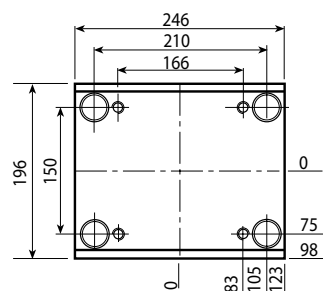
Mat.	S		
	22	26	36
1730	●		

Q03



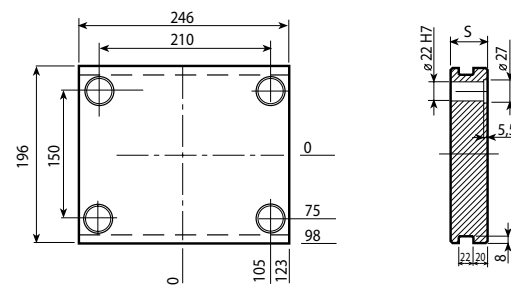
Mat.	S		
	22	26	36
1730	●		

Q1C



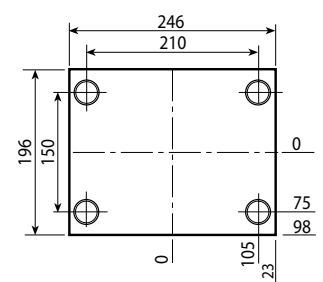
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●					
Toolox 33	●	●	●	●					

Q13



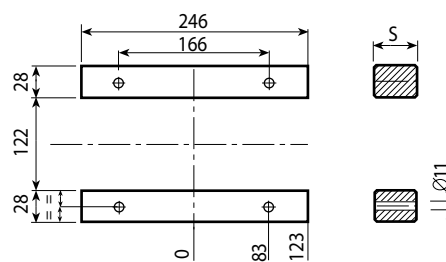
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730			●	●	●	●	●		
Toolox 33			●	●	●	●	●		

Q1T



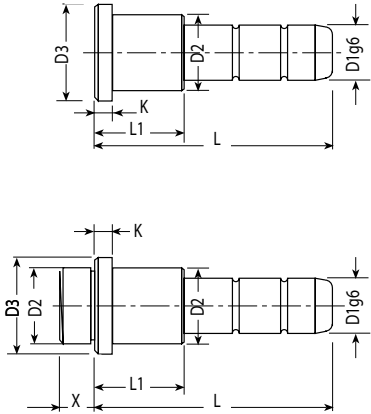
Mat.	S								
	22	26	36	46	56	66	76	96	106
1730	●	●	●	●	●	●	●	●	
Toolox 33	●	●	●	●	●	●	●	●	

Q3G



Mat.	S				
	57	77	97	117	147
1730	●	●	●		

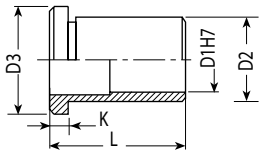
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																	
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340	
16	22	26	5	10	22	●	●	●	●														
					26	●	●	●	●	●	●												
					36			●	●	●	●												
					46			●	●	●	●												
					56					●	●	●	●	●	●	●							
					66						●	●	●	●	●	●	●						
					76							●	●	●	●	●	●						
					96								●	●	●	●							

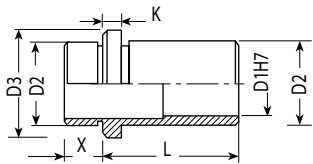
QR3



Bushing

D1	D2	D3	K	L = Length							
				22	26	36	46	56	66	76	96
16	22	26	5	●	●	●	●	●	●	●	●

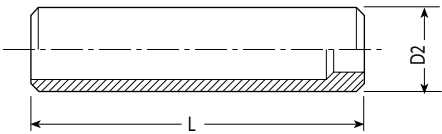
QR4



Bushing

D1	D2	D3	K	X	L = Length							
					22	26	36	46	56	66	76	96
16	22	26	5	10	●	●	●	●	●	●	●	●

QR5



Bushing

D2	L = Length									
	30	80	100	120	140					
22	●	●	●	●	●					



Screw

QM

M	L = Length																	
	16	18	20	25	30	35	40	45	50	55	60	70	80	90	100	110	120	130
10	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

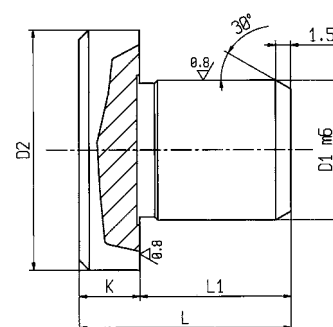


Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

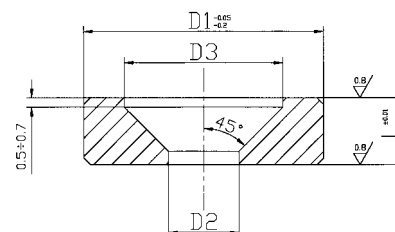


Spacer disk

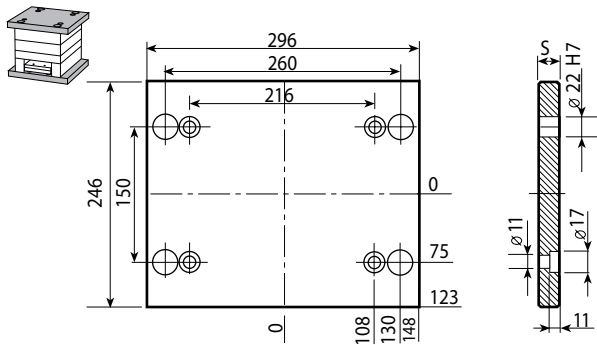
Mat.: UNI 16 Ni Cr 4

QA2

D1	D2	D3	L
20	5,3	11	5

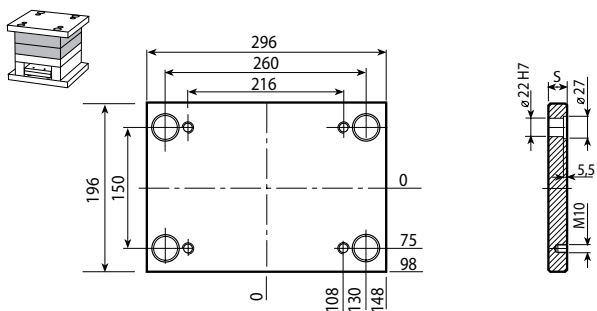


Q01



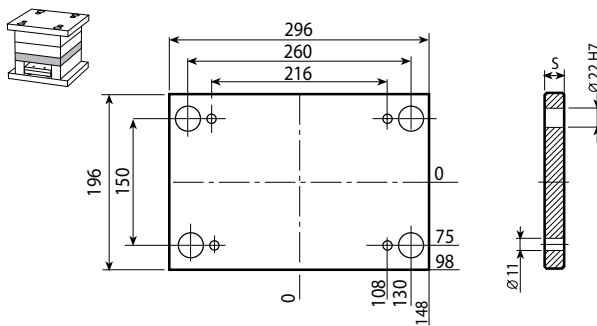
Mat.	S		
	22	26	36
1730	●		

Q10



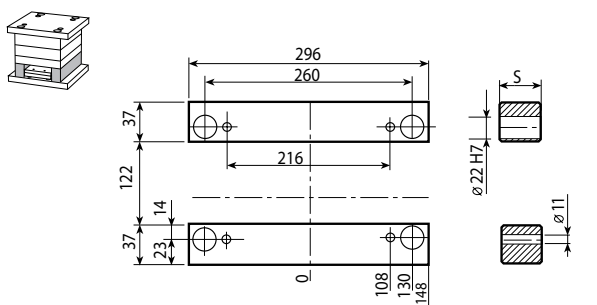
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●	●	●	●		
Toolox 33	●	●	●	●	●	●	●		

Q20



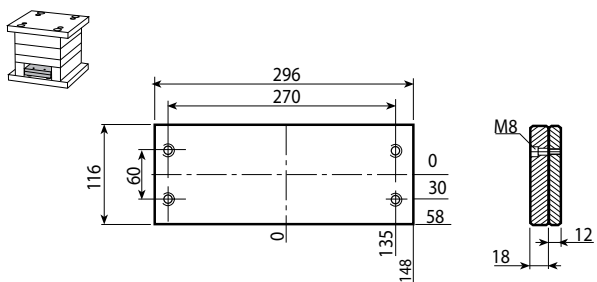
Mat.	S		
	26	36	46
1730	●		

Q30

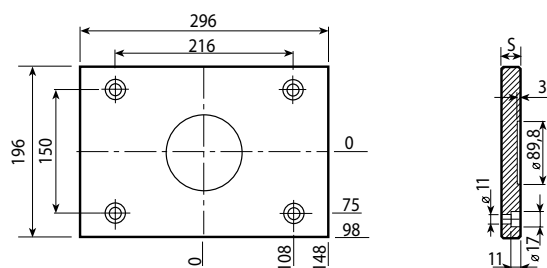


Mat.	S				
	57	77	97	117	147
1730	●	●	●		

Q40 / Q50

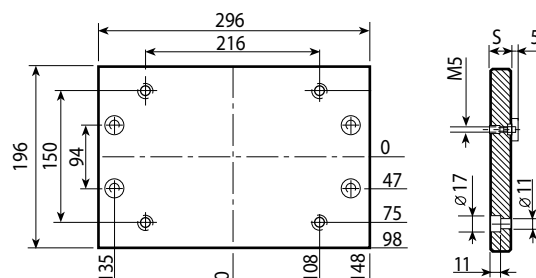


Q04



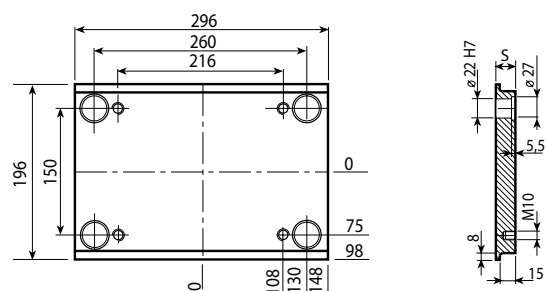
Mat.	S		
	22	26	36
1730	●		

Q03



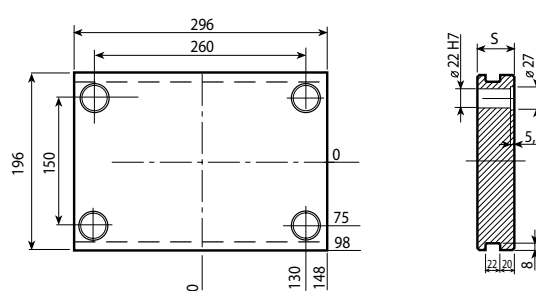
Mat.	S		
	22	26	36
1730	●		

Q1C



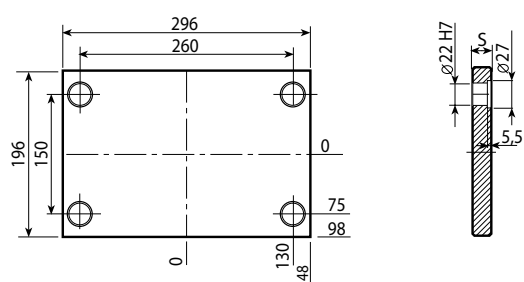
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●					
Toolox 33	●	●	●	●					

Q13

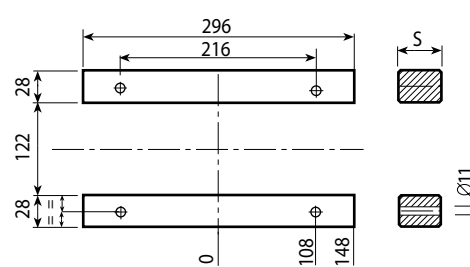


Mat.	S								
	26	36	46	56	66	76	96	106	116
1730			●	●	●	●	●		
Toolox 33			●	●	●	●	●		

Q1T

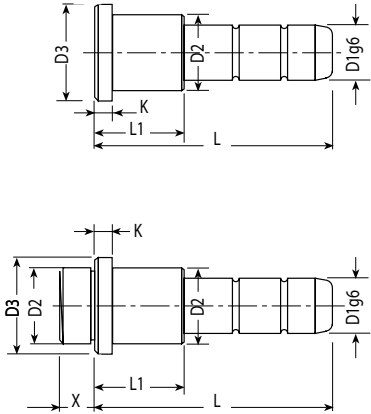
[illegible]

Q3G



Mat.	S				
	57	77	97	117	147
1730	●	●	●		

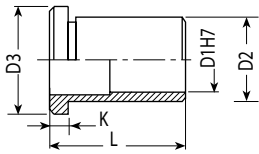
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																	
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340	
16	22	26	5	10	22	●	●	●	●														
					26	●	●	●	●	●	●												
					36			●	●	●	●												
					46			●	●	●	●												
					56					●	●	●	●	●	●	●	●						
					66					●	●	●	●	●	●	●	●						
					76						●	●	●	●	●	●	●						
					96							●	●	●	●	●	●						

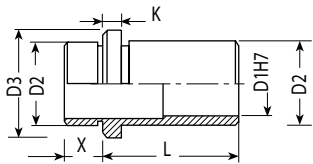
QR3



Bushing

D1	D2	D3	K	L = Length							
				22	26	36	46	56	66	76	96
16	22	26	5	●	●	●	●	●	●	●	●

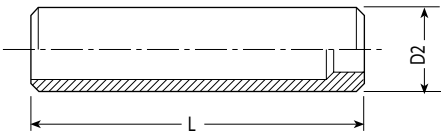
QR4



Bushing

D1	D2	D3	K	X	L = Length							
					22	26	36	46	56	66	76	96
16	22	26	5	10	●	●	●	●	●	●	●	●

QR5



Bushing

D2	L = Length									
	30	80	100	120	140					
22	●	●	●	●	●					

Screw

QM

M	L = Length																	
	16	18	20	25	30	35	40	45	50	55	60	70	80	90	100	110	120	130
10	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

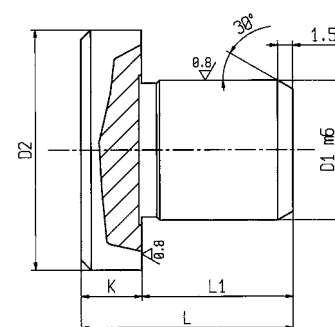


Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

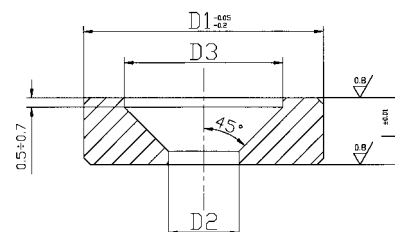


Spacer disk

Mat.: UNI 16 Ni Cr 4

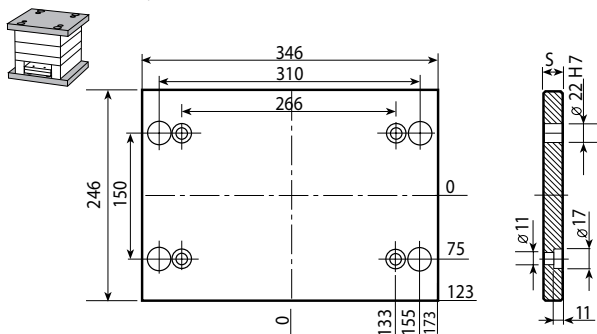
QA2

D1	D2	D3	L
20	5,3	11	5



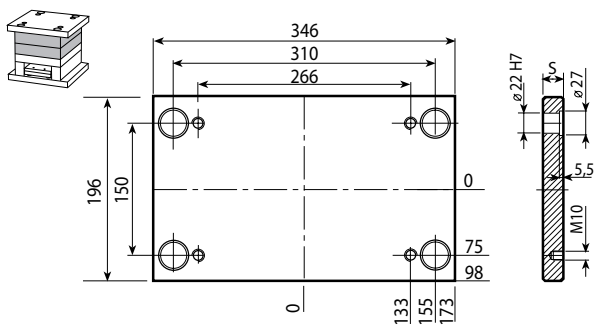


Q01



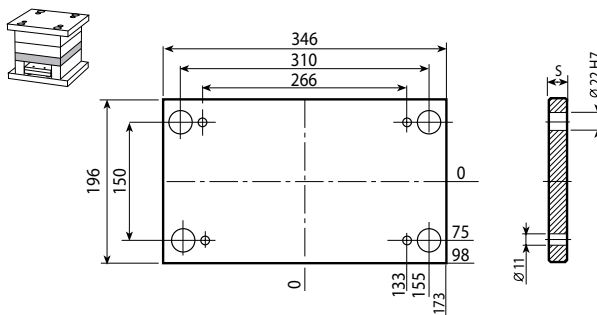
Mat.	S		
	22	26	36
1730	●		

Q10



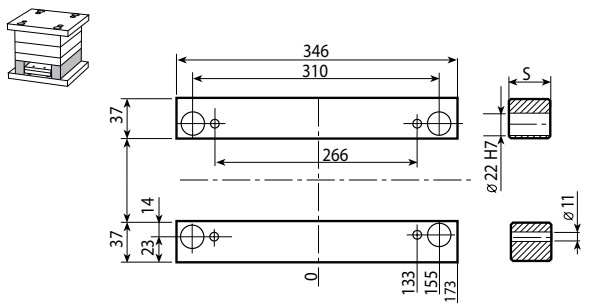
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●	●	●	●		
Toolox 33	●	●	●	●	●	●	●		

Q20



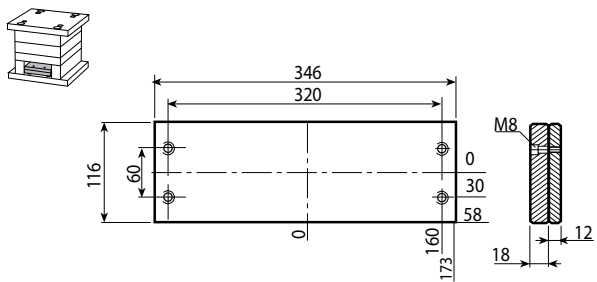
Mat.	S		
	26	36	46
1730	●		

Q30



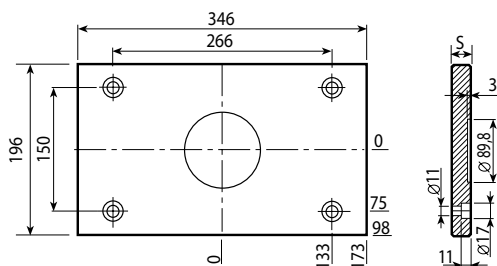
Mat.	S				
	57	77	97	117	147
1730	●	●	●		

Q40 / Q50



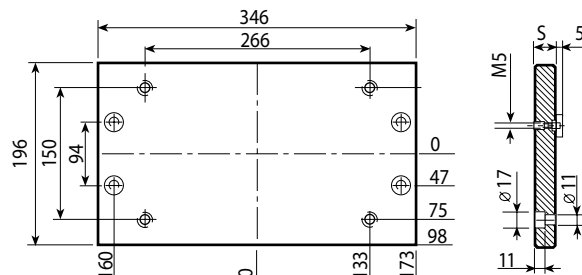


Q04



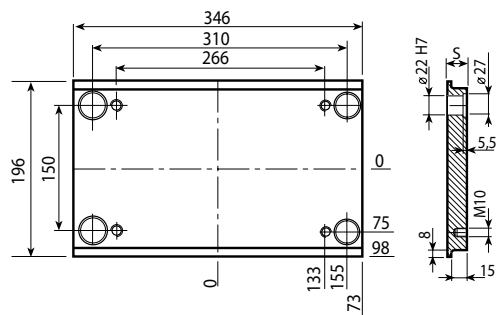
Mat.	S		
	22	26	36
1730	●		

Q03



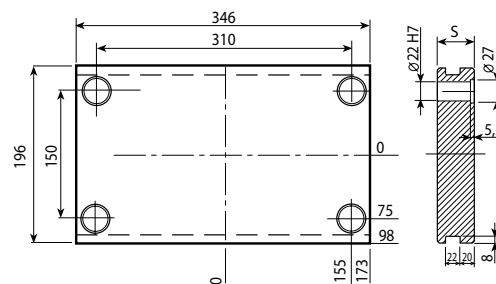
Mat.	S		
	22	26	36
1730	●		

Q1C



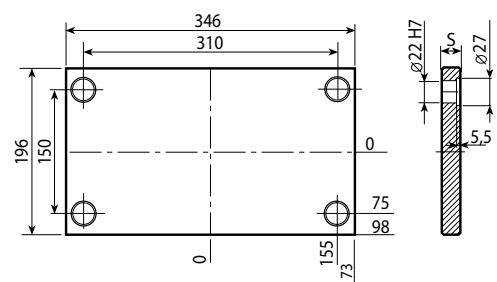
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●					
Toolox 33	●	●	●	●					

Q13



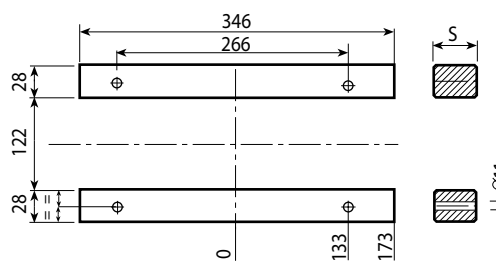
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730			●	●	●	●	●		
Toolox 33			●	●	●	●	●		

Q1T



Mat.	S								
	22	26	36	46	56	66	76	96	106
1730	●	●	●	●	●	●	●	●	
Toolox 33	●	●	●	●	●	●	●	●	

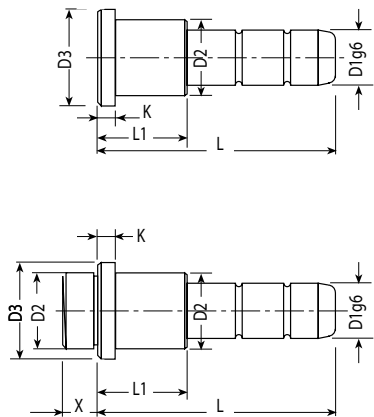
Q3G



Mat.	S				
	57	77	97	117	147
1730	●	●	●		



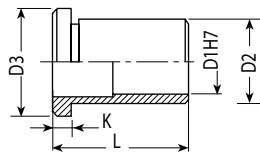
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																	
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340	
16	22	26	5	10	22	●	●	●	●														
					26	●	●	●	●	●	●												
					36			●	●	●	●	●											
					46			●	●	●	●	●											
					56					●	●	●	●	●	●	●	●						
					66						●	●	●	●	●	●	●						
					76							●	●	●	●	●	●						
					96								●	●	●	●	●						

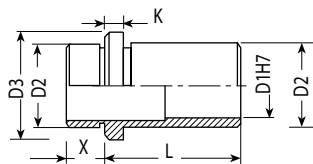
QR3



Bushing

D1	D2	D3	K	L = Length							
				22	26	36	46	56	66	76	96
16	22	26	5	●	●	●	●	●	●	●	●

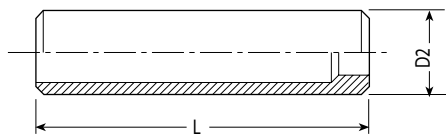
QR4



Bushing

D1	D2	D3	K	X	L = Length							
					22	26	36	46	56	66	76	96
16	22	26	5	10	●	●	●	●	●	●	●	●

QR5



Bushing

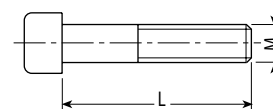
D2	L = Length									
	30	80	100	120	140					
22	●	●	●	●	●					



Screw

QM

M	L = Length																	
	16	18	20	25	30	35	40	45	50	55	60	70	80	90	100	110	120	130
10	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

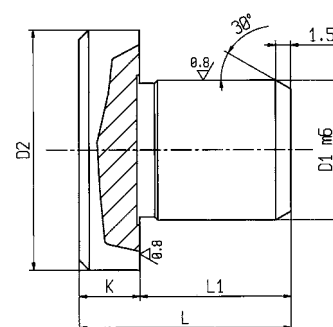


Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

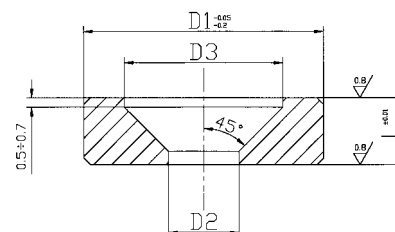


Spacer disk

Mat.: UNI 16 Ni Cr 4

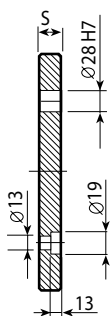
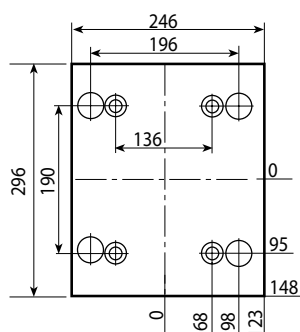
QA2

D1	D2	D3	L
20	5,3	11	5



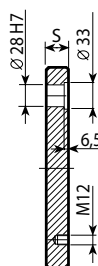
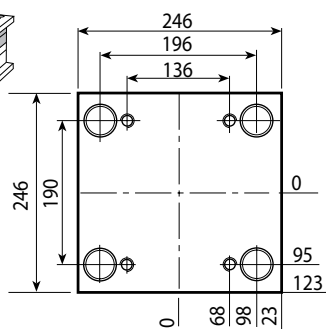


## Q01



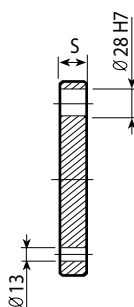
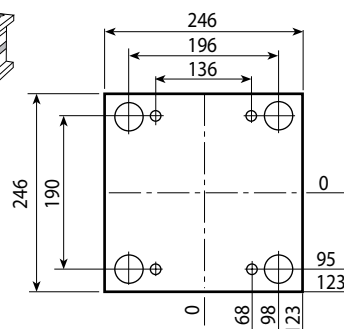
Mat.	S		
	22	26	36
1730		●	

## Q10



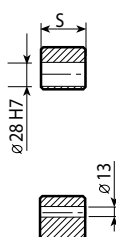
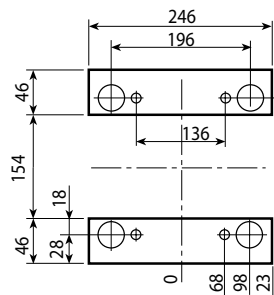
Mat.	S							
	26	36	46	56	66	76	96	106 116
1730	●	●	●	●	●	●	●	
Toolox 33	●	●	●	●	●	●	●	

## Q20



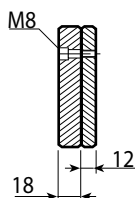
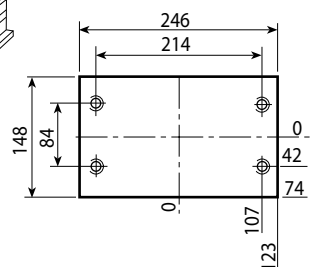
Mat.	S		
	26	36	46
1730		●	

## Q30

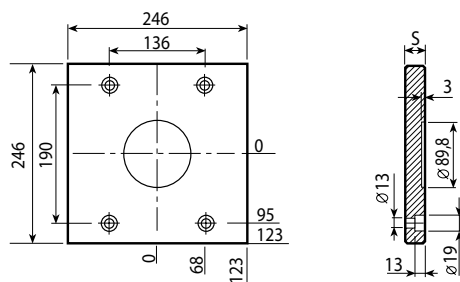


Mat.	S				
	57	77	97	117	147
1730	●	●	●		

## Q40 / Q50

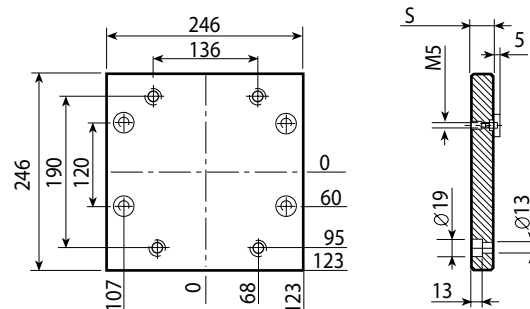


Q04



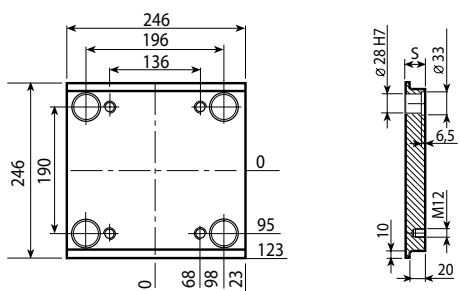
Mat.	S		
	22	26	36
1730		●	

Q03



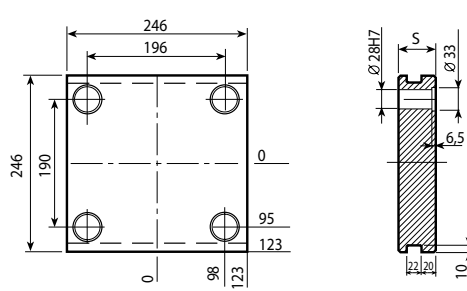
Mat.	S		
	22	26	36
1730		●	

Q1C



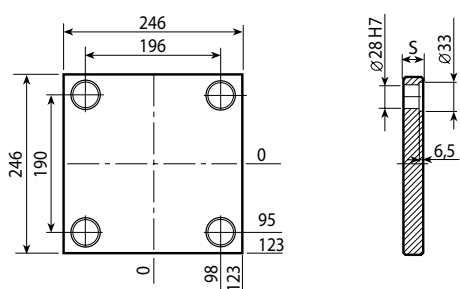
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●					
Toolox 33	●	●	●	●					

Q13

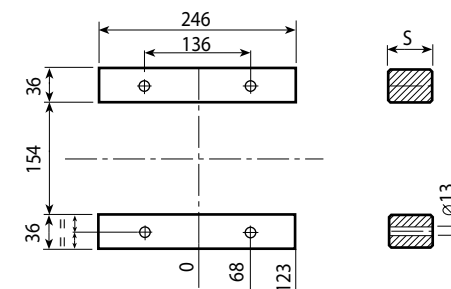


Mat.	S								
	26	36	46	56	66	76	96	106	116
1730			●	●	●	●	●		
Toolox 33			●	●	●	●	●		

Q1T

[illegible]

Q3G



Mat.	S				
	57	77	97	117	147
1730	●	●	●		





## Screw

QM

M	L = Length																							
	20	25	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	180	190	200	220	240
12	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

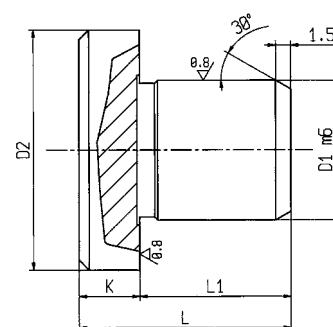


## Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

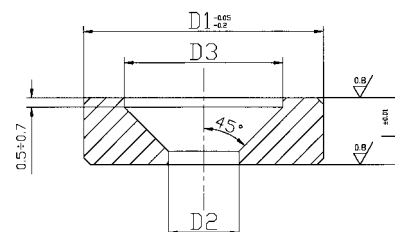


## Spacer disk

Mat.: UNI 16 Ni Cr 4

QA2

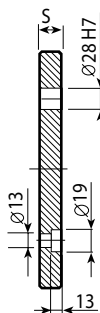
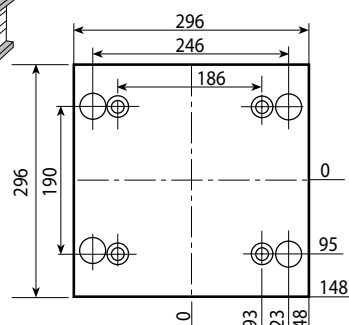
D1	D2	D3	L
20	5,3	11	5





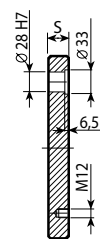
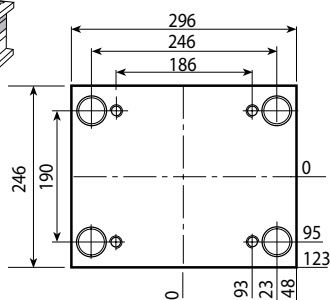


## Q01



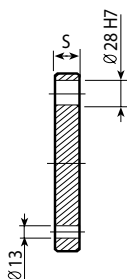
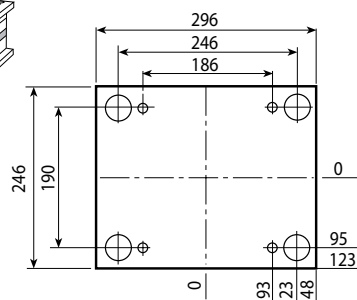
Mat.	S		
	22	26	36
1730		●	

## Q10



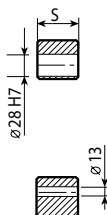
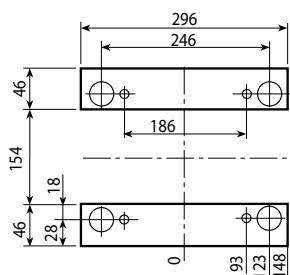
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●	●	●	●		
Toolox 33	●	●	●	●	●	●	●		

## Q20



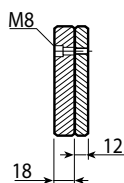
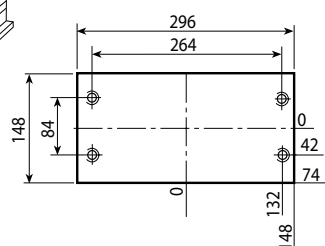
Mat.	S		
	26	36	46
1730		●	

## Q30

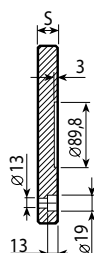
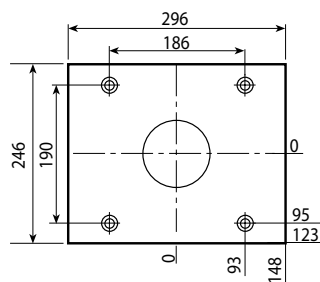


Mat.	S				
	57	77	97	117	147
1730	●	●	●		

## Q40 / Q50

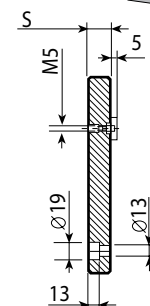
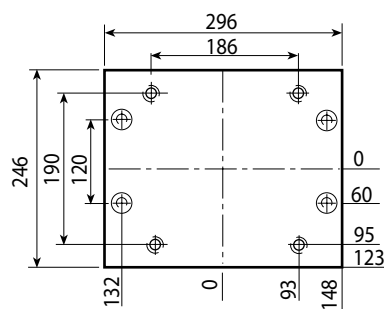


Q04



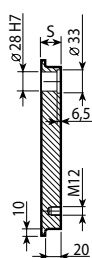
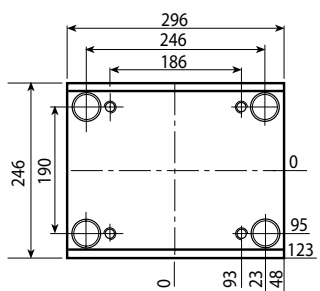
Mat.	S		
	22	26	36
1730		●	

Q03



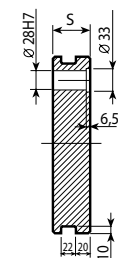
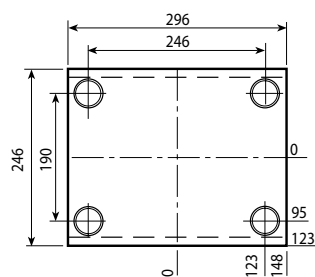
Mat.	S		
	22	26	36
1730		●	

Q1C



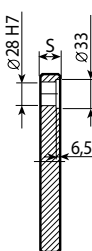
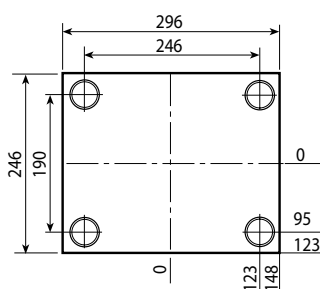
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●					
Toolox 33	●	●	●	●					

Q13

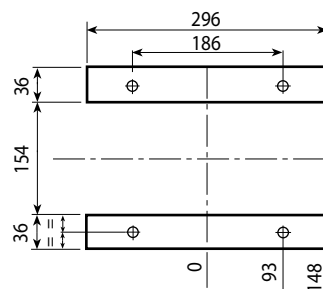


Mat.	S								
	26	36	46	56	66	76	96	106	116
1730			●	●	●	●	●		
Toolox 33			●	●	●	●	●		

Q1T

[illegible]

Q3G



Mat.	S				
	57	77	97	117	147
1730	●	●	●		





Screw

QM

M	L = Length																							
	20	25	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	180	190	200	220	240
12	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

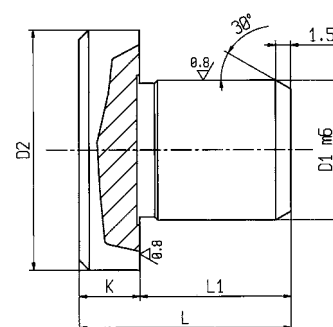


Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

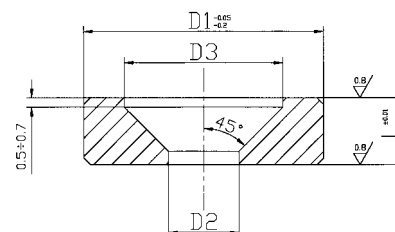


Spacer disk

Mat.: UNI 16 Ni Cr 4

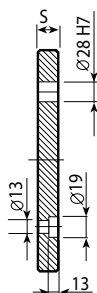
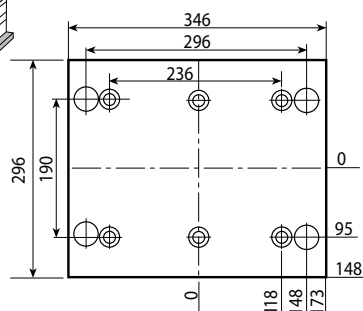
QA2

D1	D2	D3	L
20	5,3	11	5



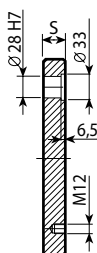
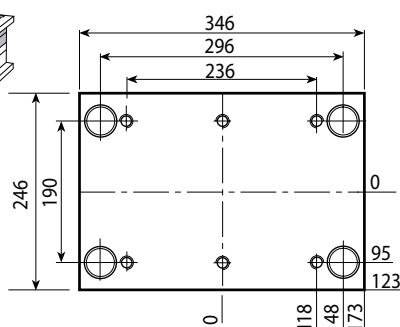


## Q01



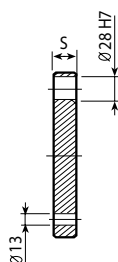
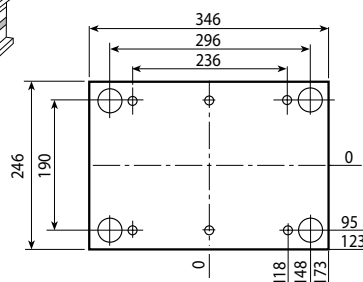
Mat.	S		
	22	26	36
1730		●	

## Q10



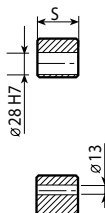
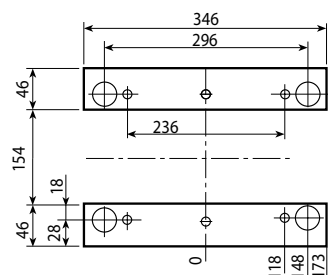
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●	●	●	●		
Toolox 33	●	●	●	●	●	●	●		

## Q20



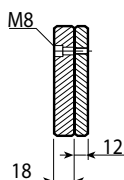
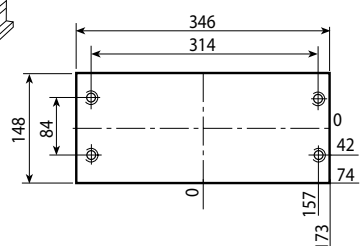
Mat.	S		
	26	36	46
1730		●	

## Q30

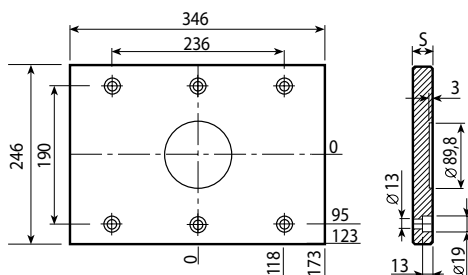


Mat.	S				
	57	77	97	117	147
1730	●	●	●		

## Q40 / Q50

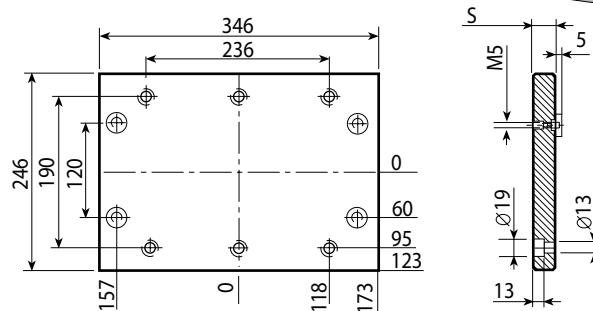


Q04



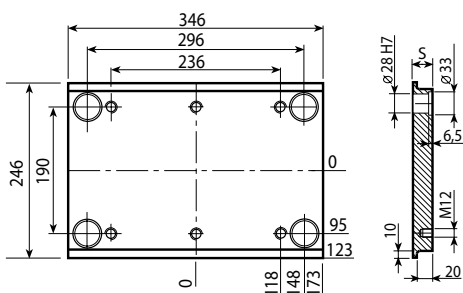
Mat.	S		
	22	26	36
1730		●	

Q03



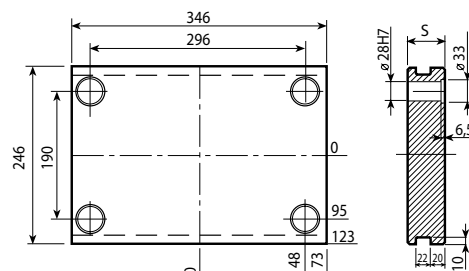
Mat.	S		
	22	26	36
1730		●	

Q1C



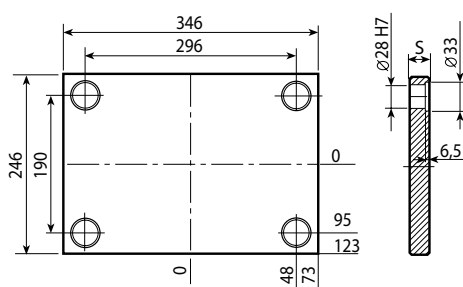
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●					
Toolox 33	●	●	●	●					

Q13

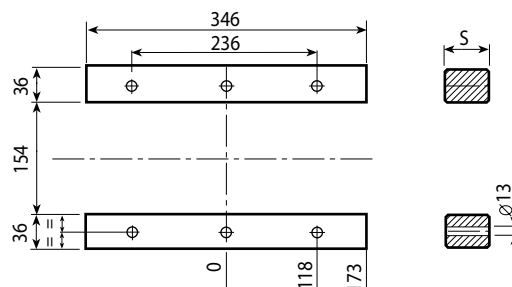


Mat.	S								
	26	36	46	56	66	76	96	106	116
1730			●	●	●	●	●		
Toolox 33			●	●	●	●	●		

Q1T

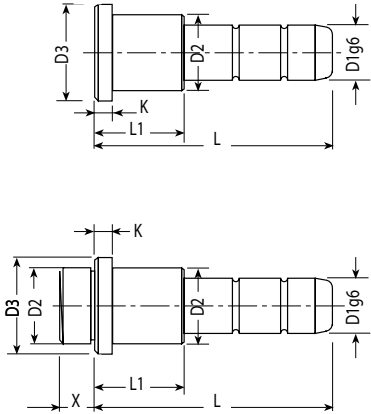
[illegible]

Q3G



Mat.	S				
	57	77	97	117	147
1730	●	●	●		

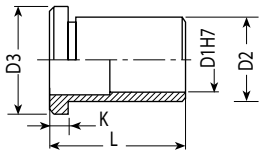
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																									
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340									
20	28	32	6	10	26		●	●	●	●	●	●	●																		
					36		●	●	●	●	●	●		●																	
					46			●	●	●	●	●	●																		
					56				●	●	●	●	●	●		●	●		●	●											
					66								●	●	●	●	●	●	●	●	●										
					76								●	●	●	●	●	●	●	●	●										
					86									●	●	●	●	●	●	●	●										
					96										●	●	●	●	●	●	●										

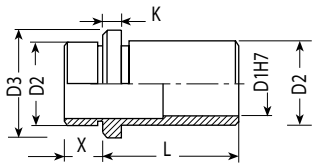
QR3



Bushing

D1	D2	D3	K	L = Length									
				26	36	46	56	66	76	86	96		
20	28	32	6	●	●	●	●	●	●	●	●		

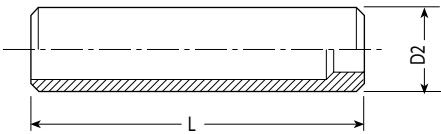
QR4



Bushing

D1	D2	D3	K	X	L = Length								
					26	36	46	56	66	76	86	96	
20	28	32	6	10	●	●	●	●	●	●	●	●	

QR5



Bushing

D2	L = Length									
	30	80	100	120	140					
28	●	●	●	●	●					



Screw

QM

M	L = Length																							
	20	25	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	180	190	200	220	240
12	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

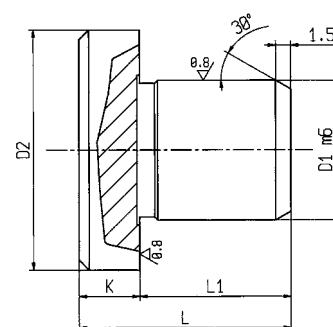


Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

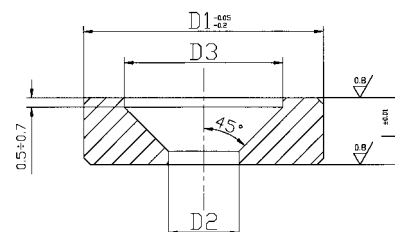


Spacer disk

Mat.: UNI 16 Ni Cr 4

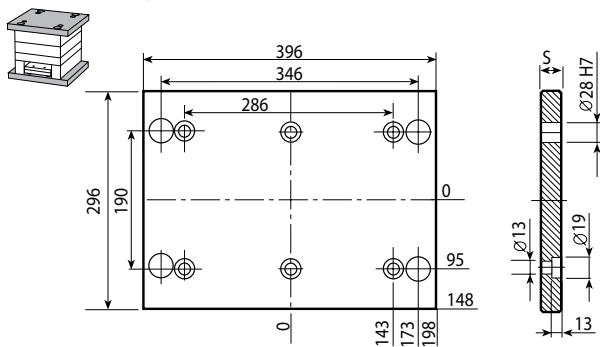
QA2

D1	D2	D3	L
20	5,3	11	5



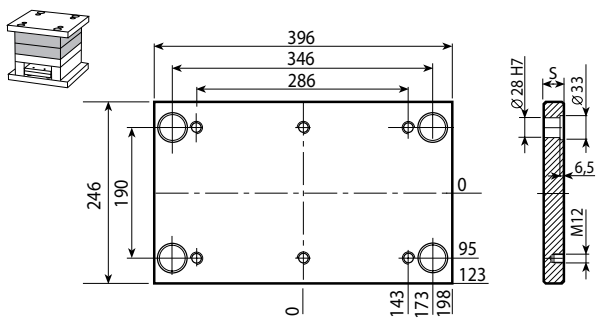


Q01



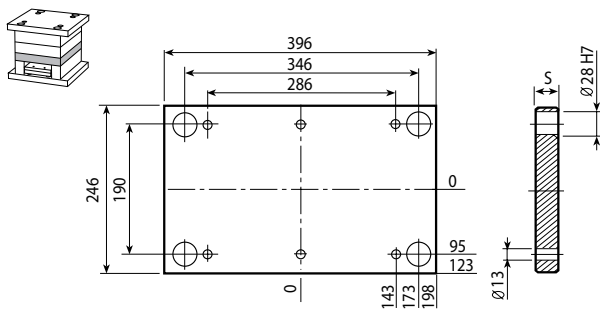
Mat.	S		
	22	26	36
1730		●	

Q10



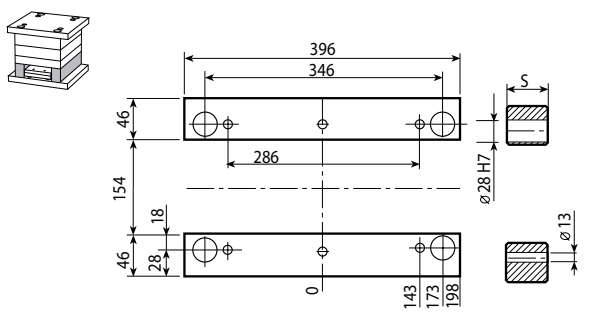
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●	●	●	●		
Toolox 33	●	●	●	●	●	●	●		

Q20



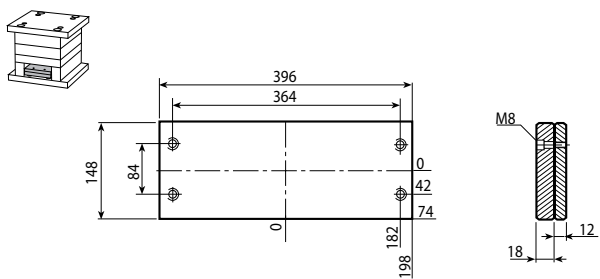
Mat.	S		
	26	36	46
1730		●	

Q30

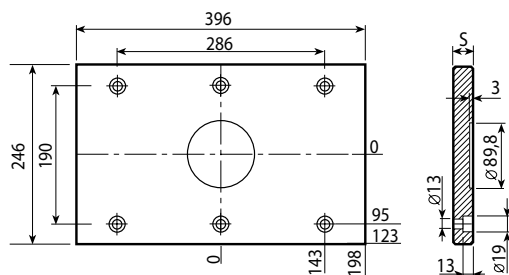


Mat.	S				
	57	77	97	117	147
1730	●	●	●		

Q40 / Q50

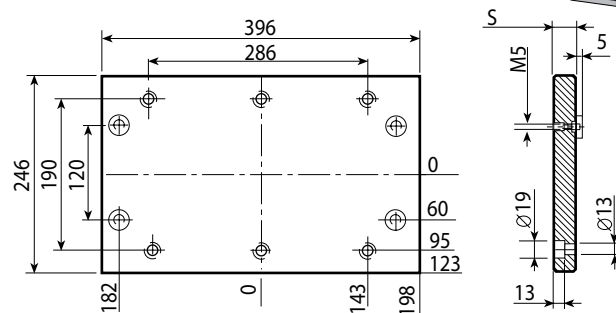


Q04



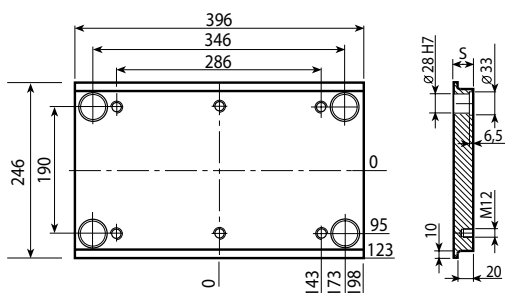
Mat.	S		
	22	26	36
1730		●	

Q03



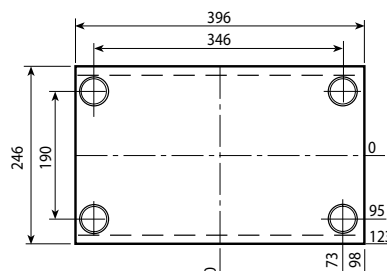
Mat.	S		
	22	26	36
1730		●	

Q1C



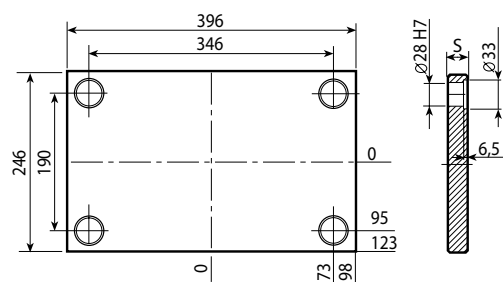
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●					
Toolox 33	●	●	●	●					

Q13

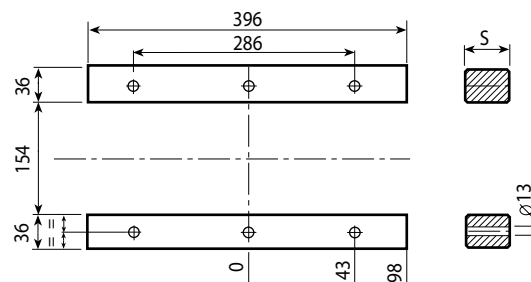


Mat.	S								
	26	36	46	56	66	76	96	106	116
1730			●	●	●	●	●		
Toolox 33			●	●	●	●	●		

Q1T

[illegible]

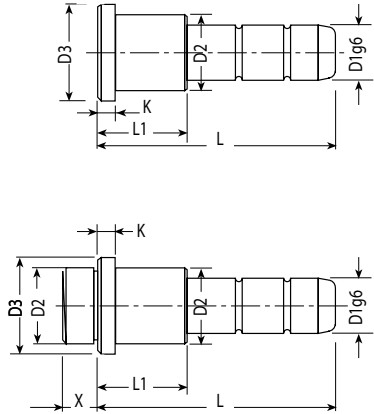
Q3G



Mat.	S				
	57	77	97	117	147
1730	●	●	●		



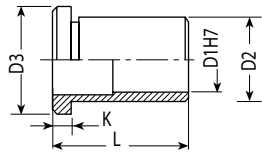
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																			
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340			
20	28	32	6	10	26		●	●	●	●	●	●	●	●	●										
					36		●	●	●	●	●	●	●	●	●										
					46			●	●	●	●	●	●	●	●										
					56				●	●	●	●	●	●	●	●									
					66						●	●	●	●	●	●	●								
					76						●	●	●	●	●	●	●								
					86							●	●	●	●	●	●								
					96								●	●	●	●	●								

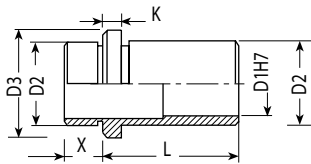
QR3



Bushing

D1	D2	D3	K	L = Length							
				26	36	46	56	66	76	86	96
20	28	32	6	●	●	●	●	●	●	●	●

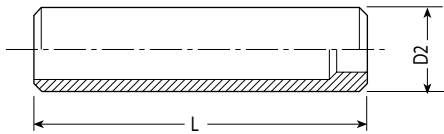
QR4



Bushing

D1	D2	D3	K	X	L = Length							
					26	36	46	56	66	76	86	96
20	28	32	6	10	●	●	●	●	●	●	●	●

QR5



Bushing

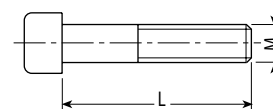
D2	L = Length									
	30	80	100	120	140					
28	●	●	●	●	●					



Screw

QM

M	L = Length																							
	20	25	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	180	190	200	220	240
12	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

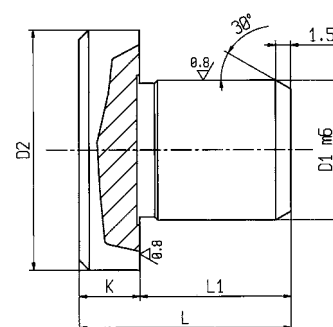


Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

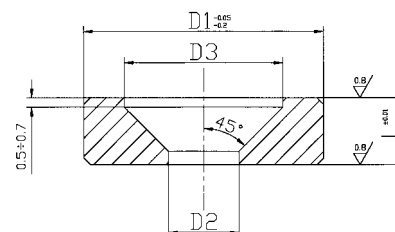


Spacer disk

Mat.: UNI 16 Ni Cr 4

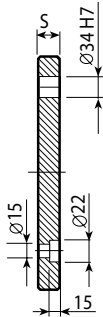
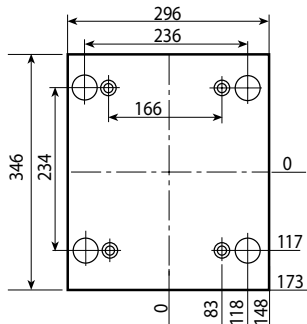
QA2

D1	D2	D3	L
20	5,3	11	5



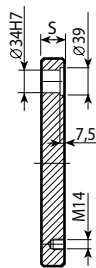
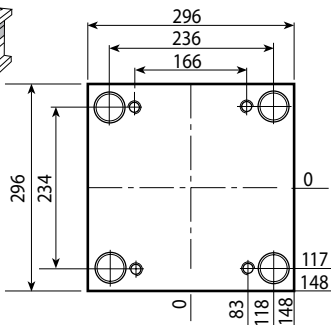


Q01



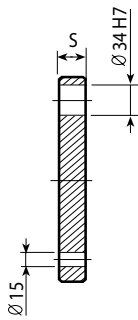
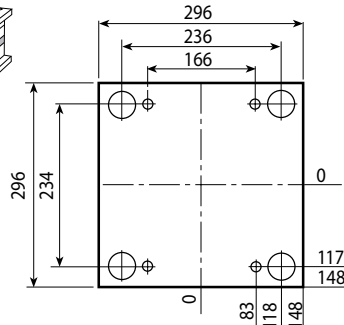
Mat.	S		
	22	26	36
1730		●	

Q10



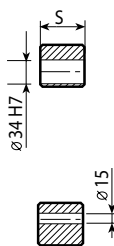
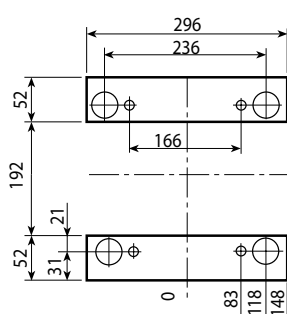
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●	●	●	●		●
Toolox 33	●	●	●	●	●	●	●		●

Q20



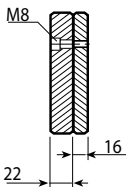
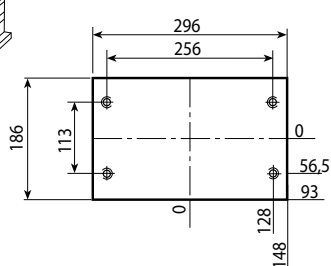
Mat.	S		
	26	36	46
1730		●	

Q30

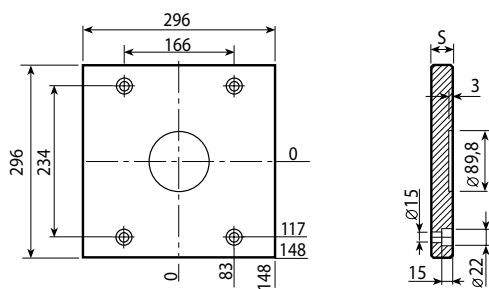


Mat.	S				
	57	77	97	117	147
1730	●	●	●		

Q40 / Q50

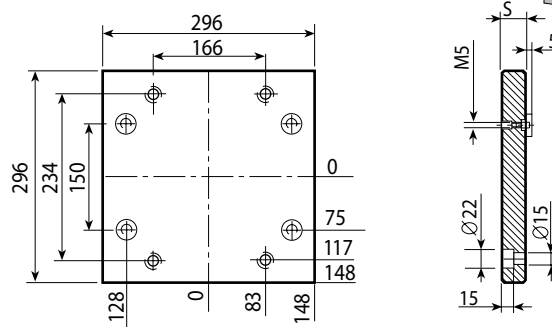


Q04



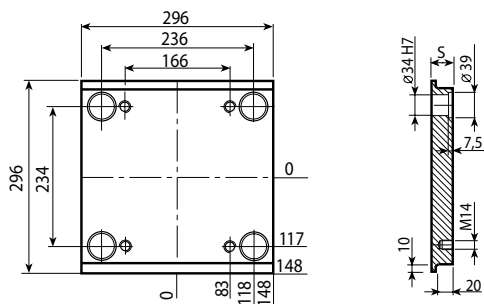
Mat.	S		
	22	26	36
1730		●	

Q03



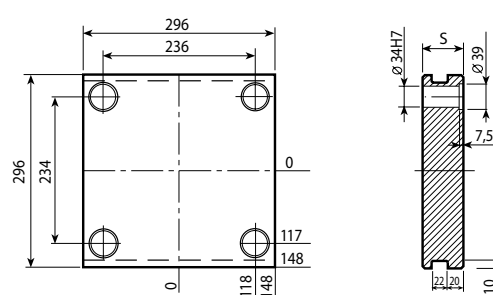
Mat.	S		
	22	26	36
1730		●	

Q1C



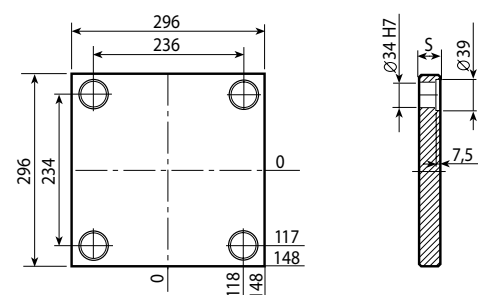
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730	●	●	●	●	●				
Toolox 33	●	●	●	●	●				

Q13

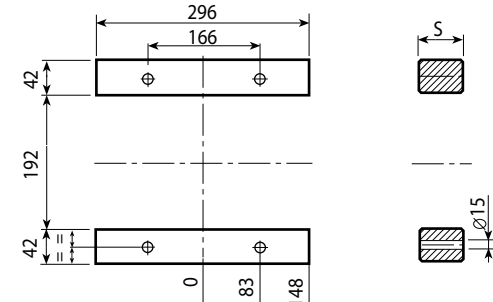


Mat.	S								
	26	36	46	56	66	76	96	106	116
1730			●	●	●	●	●		●
Toolox 33			●	●	●	●	●		●

Q1T

[illegible]

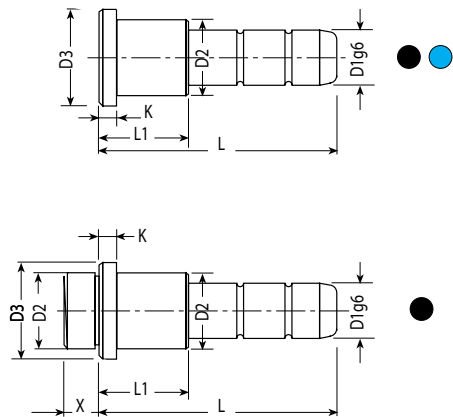
Q3G



Mat.	S				
	57	77	97	117	147
1730	●	●	●		



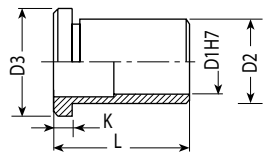
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																							
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340							
25	34	38	7	10	26				●	●	●																		
					36				●	●	●	●	●	●															
					46				●	●	●	●	●	●	●	●													
					56					●	●	●	●	●	●	●	●	●											
					66						●	●	●	●	●	●	●	●	●	●	●	●							
					76							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
					86								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
					96									●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
					106										●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
					116											●	●	●	●	●	●	●	●	●	●	●	●	●	●

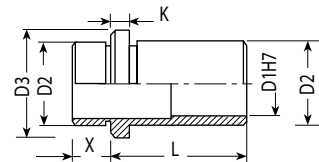
QR3



Bushing

D1	D2	D3	K	L = Length											
				26	36	46	56	66	76	86	96	106	116	126	
25	34	38	7	●	●	●	●	●	●	●	●	●	●	●	●

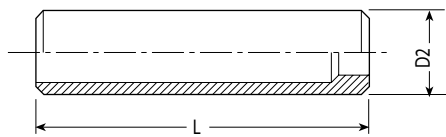
QR4



Bushing

D1	D2	D3	K	X	L = Length											
					26	36	46	56	66	76	86	96				
25	34	38	7	10	●	●	●	●	●	●	●	●				

QR5



Bushing

D2	L = Length											
	30	80	100	120	140	160						
34	●	●	●	●	●	●						



## Screw

QM

M	L = Length																								
	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	240	260
14	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

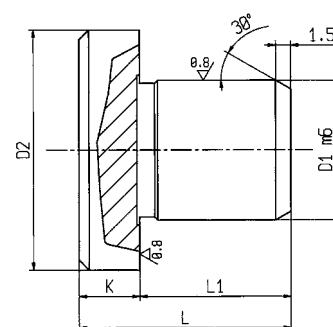


## Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

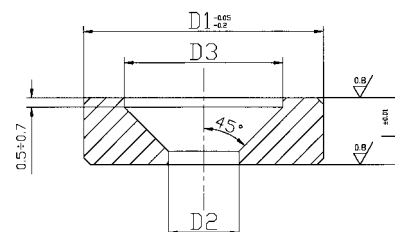


## Spacer disk

Mat.: UNI 16 Ni Cr 4

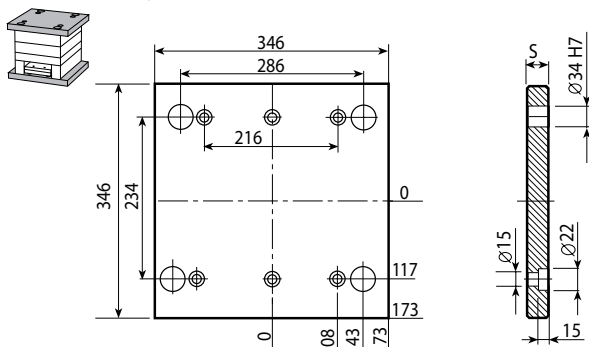
QA2

D1	D2	D3	L
20	5,3	11	5



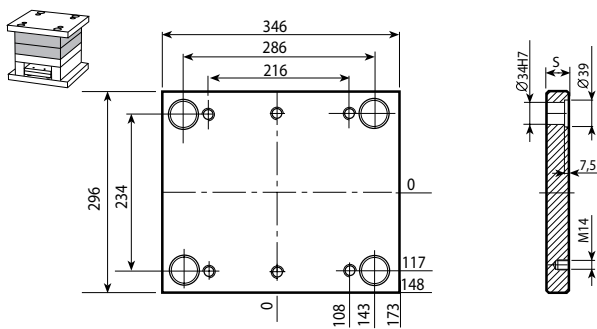


Q01



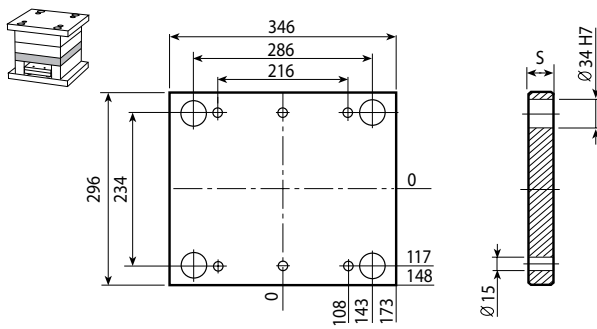
Mat.	S		
	22	26	36
1730		●	

Q10



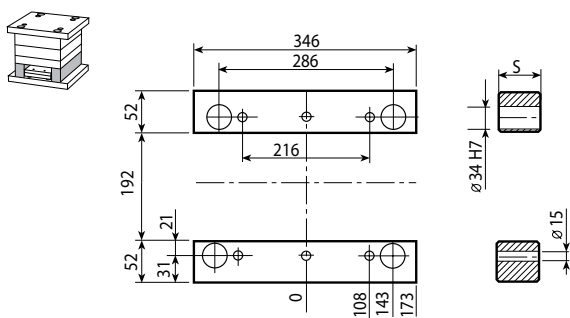
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●	●	●	●		●
Toolox 33	●	●	●	●	●	●	●		●

Q20



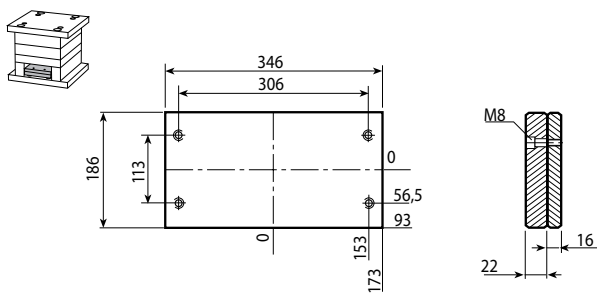
Mat.	S		
	26	36	46
1730		●	

Q30

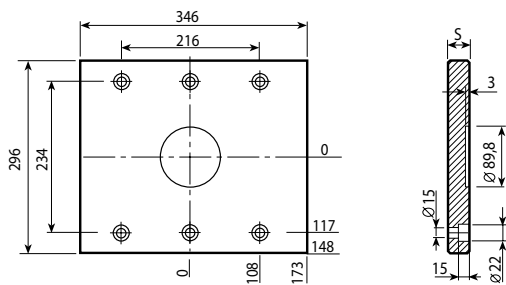


Mat.	S				
	57	77	97	117	147
1730	●	●	●		

Q40 / Q50

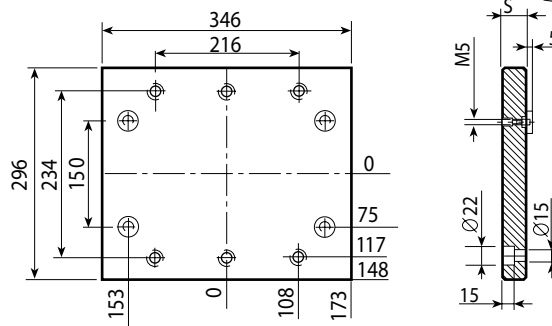


Q04



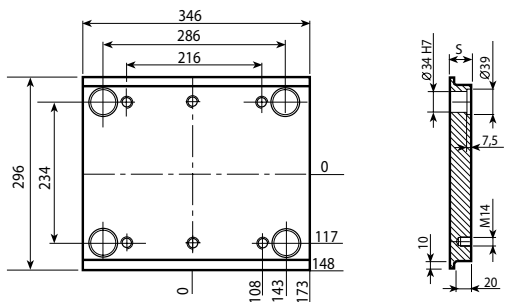
Mat.	S		
	22	26	36
1730		●	

Q03



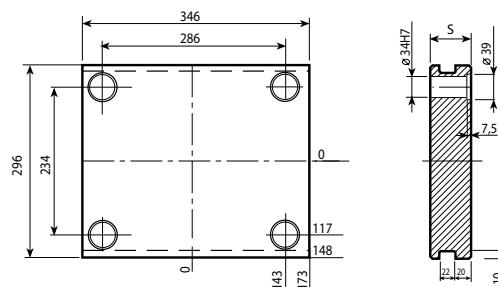
Mat.	S		
	22	26	36
1730		●	

Q1C



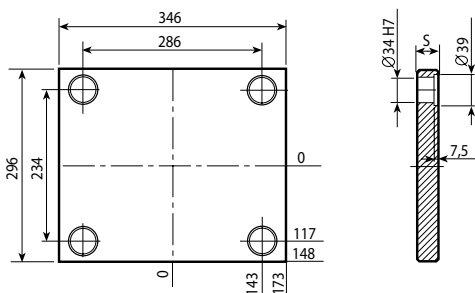
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730	●	●	●	●	●				
Toolox 33	●	●	●	●	●				

Q13



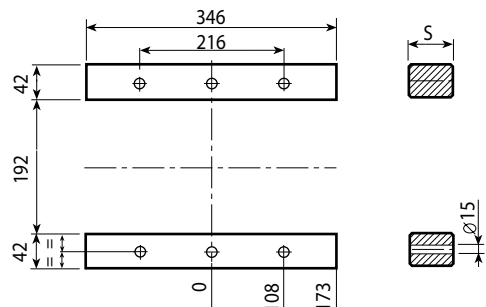
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●		●	
Toolox 33		●	●	●	●	●		●	

Q1T



Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●	●	●	●		●
Toolox 33	●	●	●	●	●	●	●		●

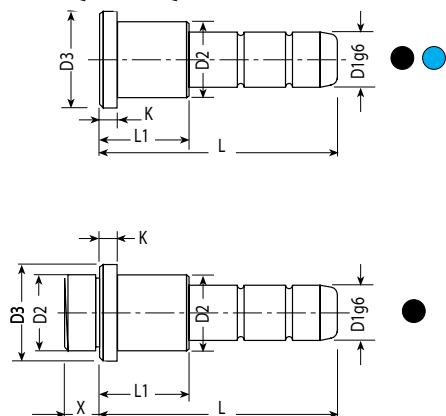
Q3G



Mat.	S				
	57	77	97	117	147
1730	●	●	●		



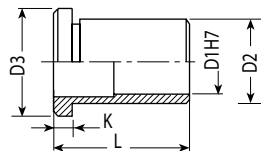
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																	
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340	
25	34	38	7	10	26				●	●	●												
					36				●	●	●	●	●	●	●								
					46				●	●	●	●	●	●	●								
					56					●	●	●	●	●	●	●	●						
					66						●	●	●	●	●	●	●	●	●				
					76							●	●	●	●	●	●	●	●	●			
					86								●	●	●	●	●	●	●	●	●		
					96									●	●	●	●	●	●	●	●		
					106										●	●	●	●	●	●	●		
					116											●	●	●	●	●	●		

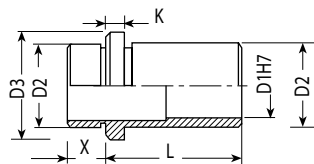
QR3



Bushing

D1	D2	D3	K	L = Length										
				26	36	46	56	66	76	86	96	106	116	126
25	34	38	7	●	●	●	●	●	●	●	●	●	●	●

QR4



Bushing

D1	D2	D3	K	X	L = Length									
					26	36	46	56	66	76	86	96		
25	34	38	7	10	●	●	●	●	●	●	●	●		

QR5



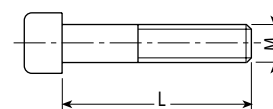
Bushing

D2	L = Length									
	30	80	100	120	140	160				
34	●	●	●	●	●	●				

Screw

QM

M	L = Length																								
	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	240	260
14	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

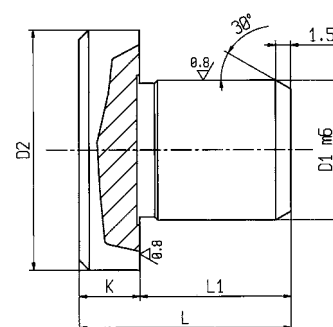


Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

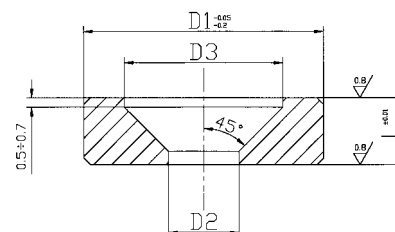


Spacer disk

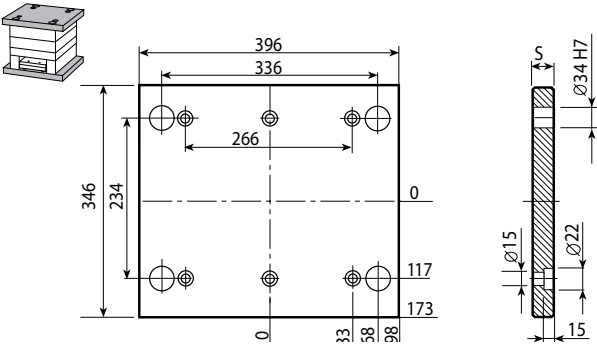
Mat.: UNI 16 Ni Cr 4

QA2

D1	D2	D3	L
20	5,3	11	5

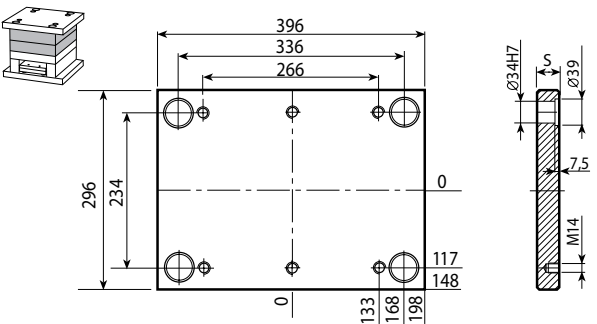


Q01



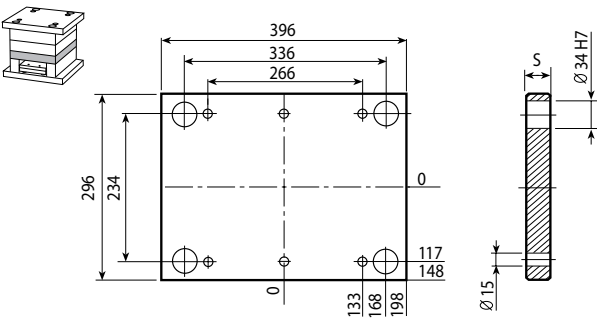
Mat.	S		
	22	26	36
1730		●	

Q10



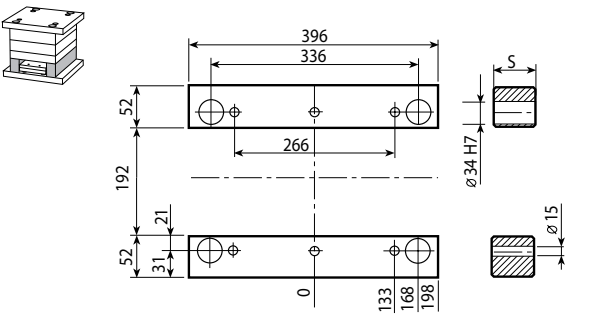
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●	●	●	●		●
Toolox 33	●	●	●	●	●	●	●		●

Q20



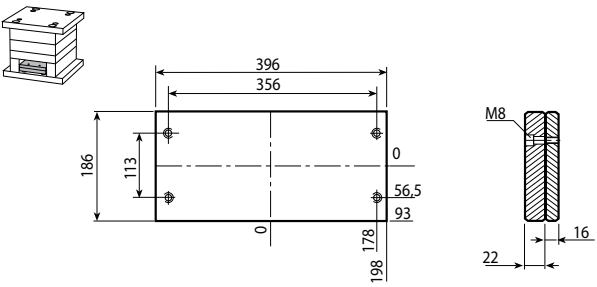
Mat.	S		
	26	36	46
1730		●	

Q30

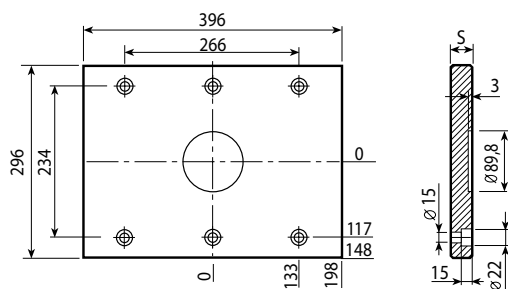


Mat.	S				
	57	77	97	117	147
1730	●	●	●		

Q40 / Q50

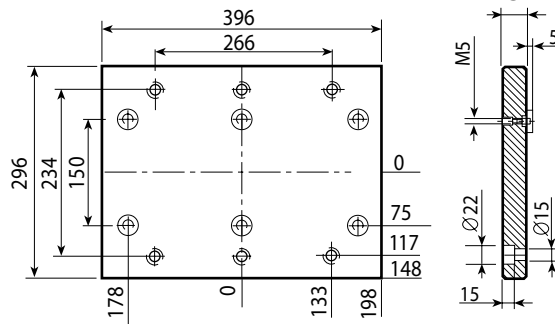


Q04



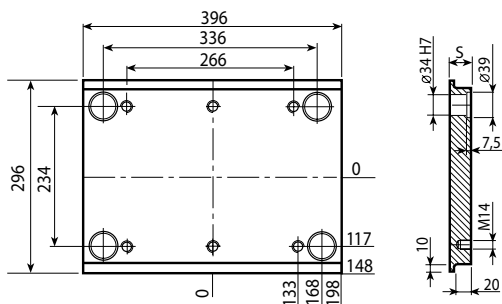
Mat.	S		
	22	26	36
1730		●	

Q03



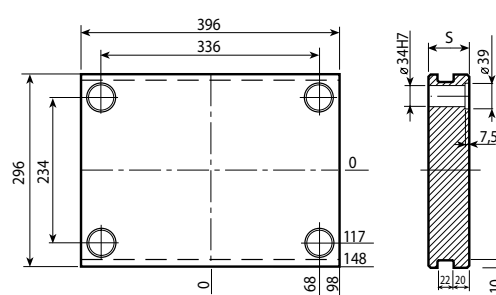
Mat.	S		
	22	26	36
1730		●	

Q1C



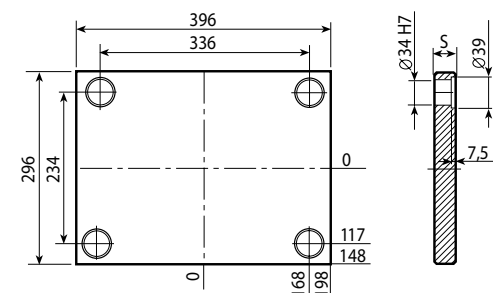
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730	●	●	●	●	●				
Toolox 33	●	●	●	●	●				

Q13

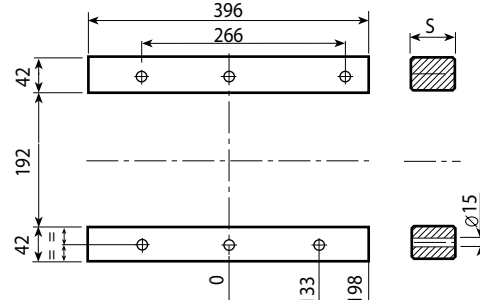


Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●		●	
Toolox 33		●	●	●	●	●		●	

Q1T

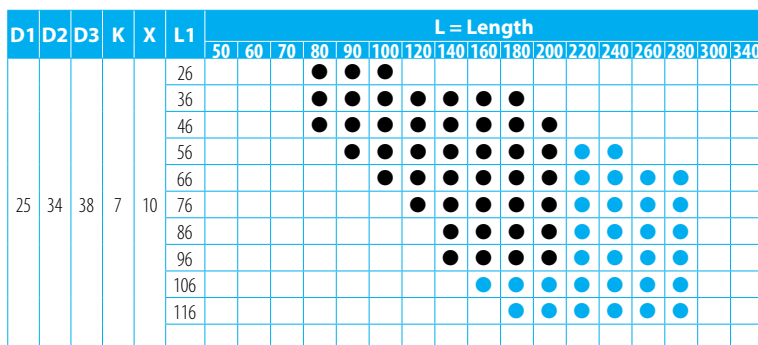
[illegible]

Q3G

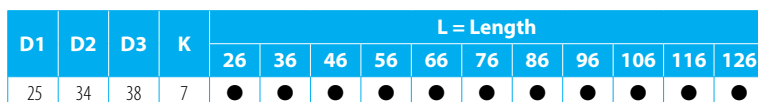


Mat.	S				
	57	77	97	117	147
1730	●	●	●		

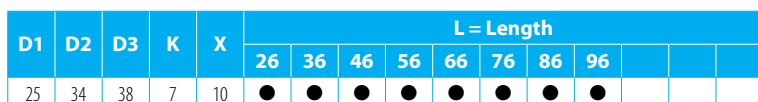
Leader pins



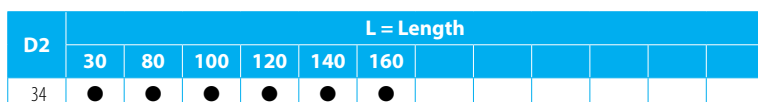
## Bushing



## Bushing



## Bushing

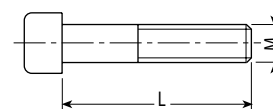




## Screw

QM

M	L = Length																								
	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	240	260
14	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

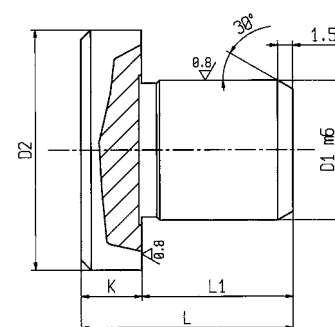


## Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

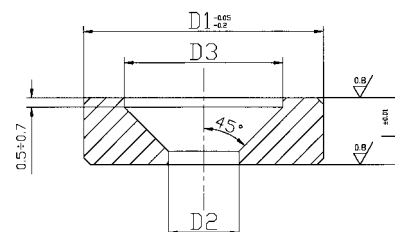


## Spacer disk

Mat.: UNI 16 Ni Cr 4

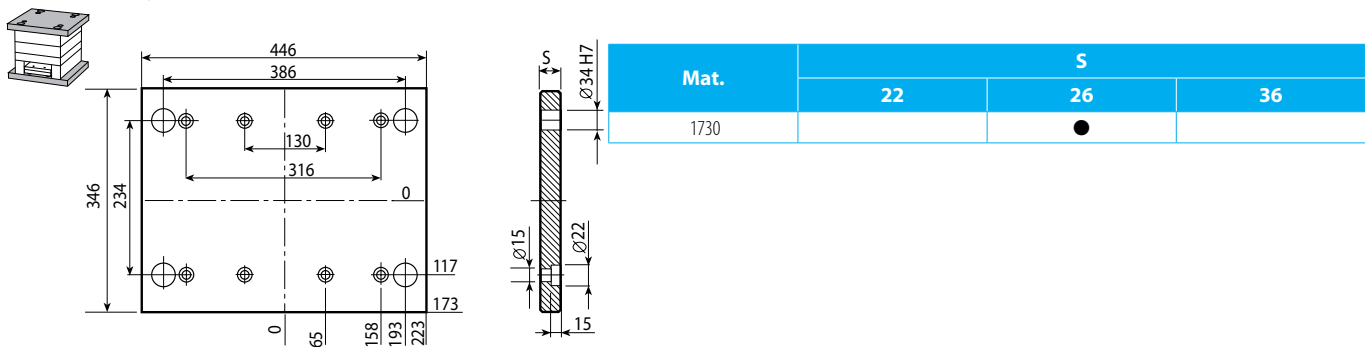
QA2

D1	D2	D3	L
20	5,3	11	5

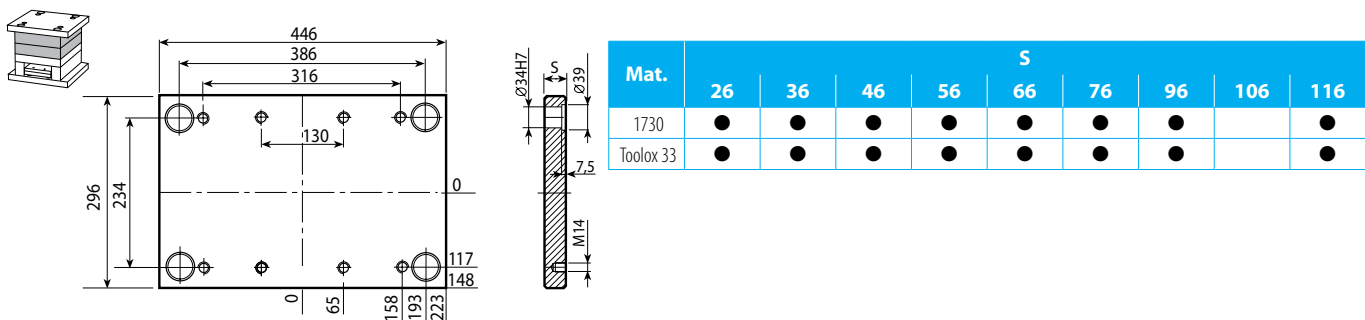




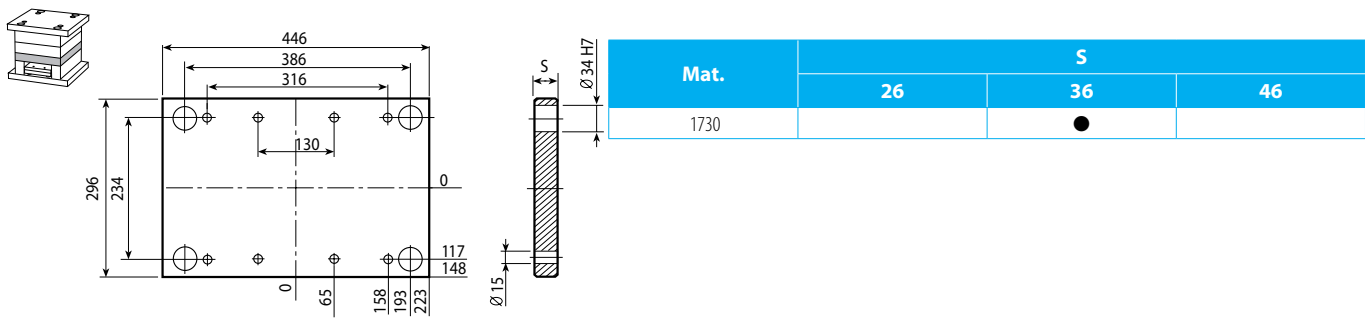
Q01



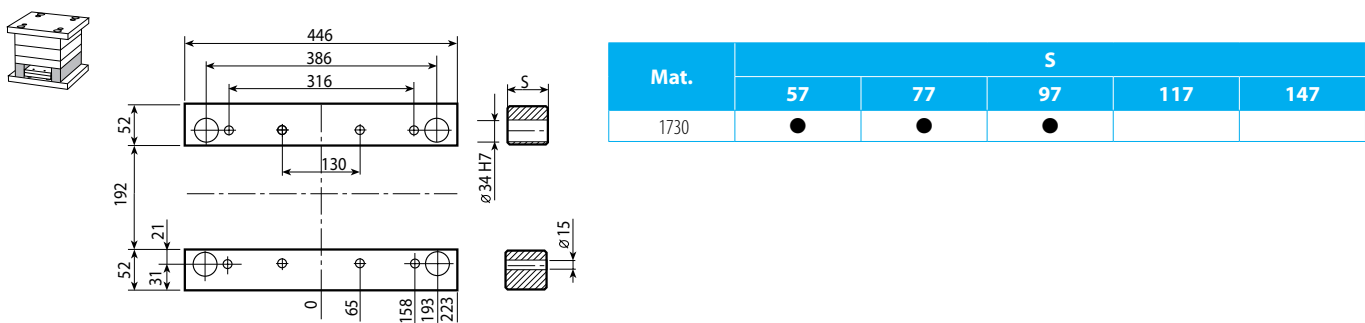
Q10



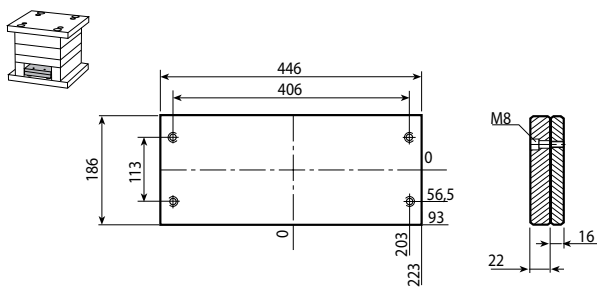
Q20



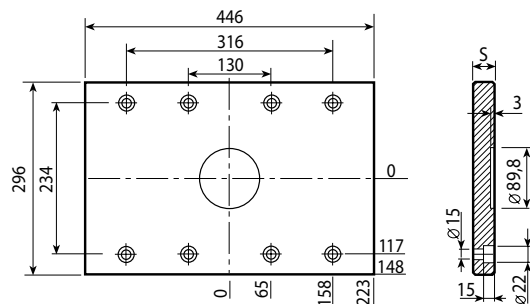
Q30



Q40 / Q50

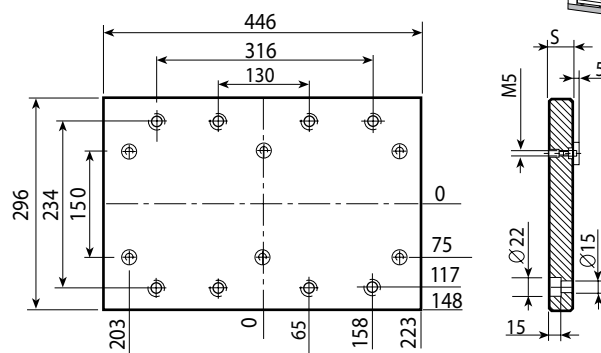


Q04



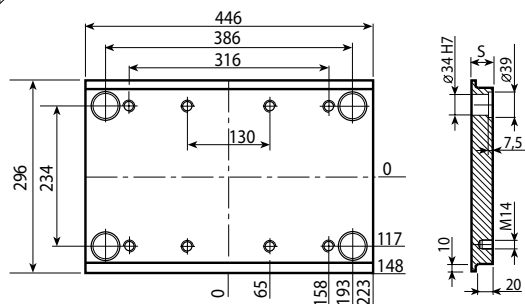
Mat.	S		
	22	26	36
1730		●	

Q03



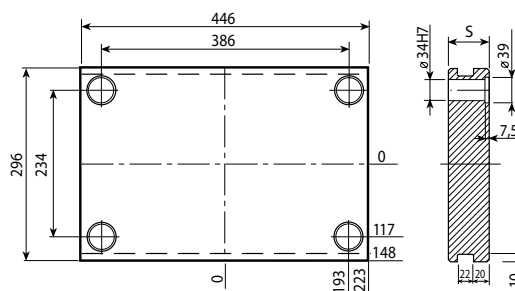
Mat.	S		
	22	26	36
1730		●	

Q1C



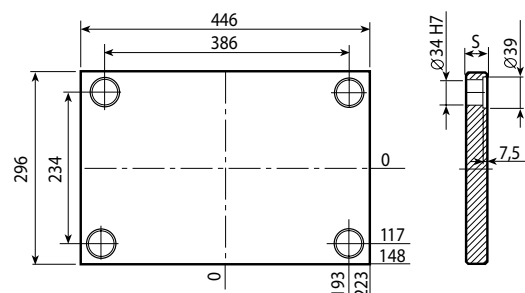
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730	●	●	●	●	●				
Toolox 33	●	●	●	●	●				

Q13

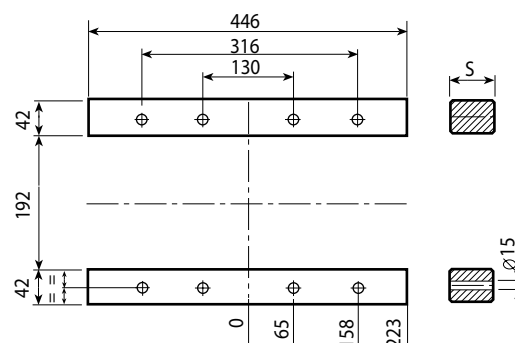


Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●		●	
Toolox 33		●	●	●	●	●		●	

Q1T

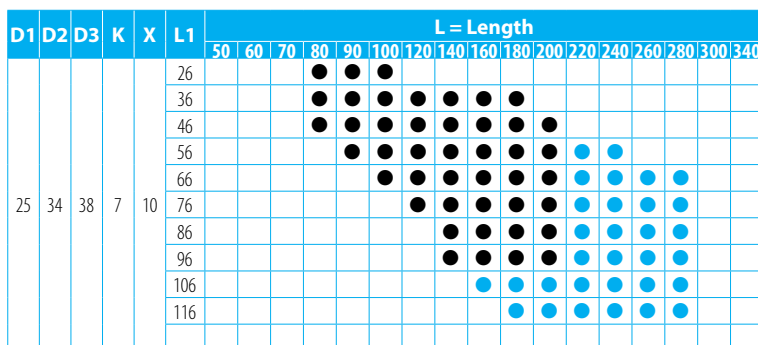
[illegible]

Q3G

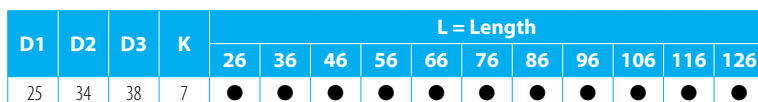


Mat.	S				
	57	77	97	117	147
1730	●	●	●		

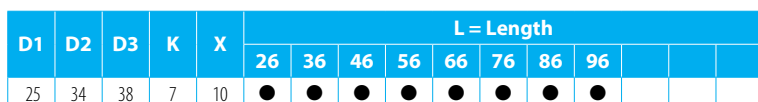
Leader pins



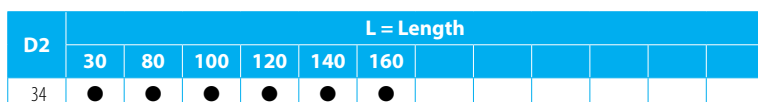
## Bushing



## Bushing



## Bushing



Screw

QM

M	L = Length																								
	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	240	260
14	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

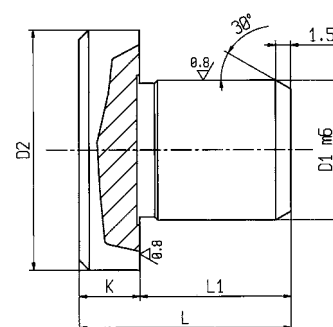


Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

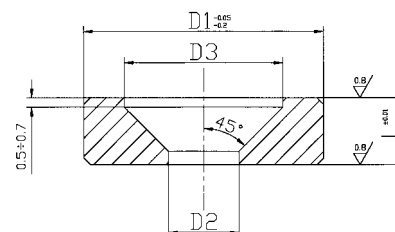


Spacer disk

Mat.: UNI 16 Ni Cr 4

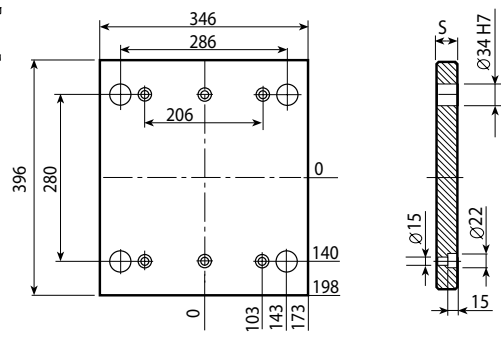
QA2

D1	D2	D3	L
20	5,3	11	5



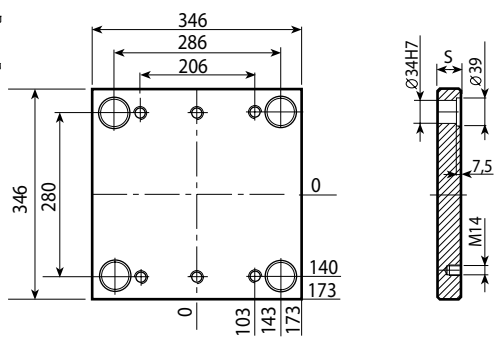


Q01



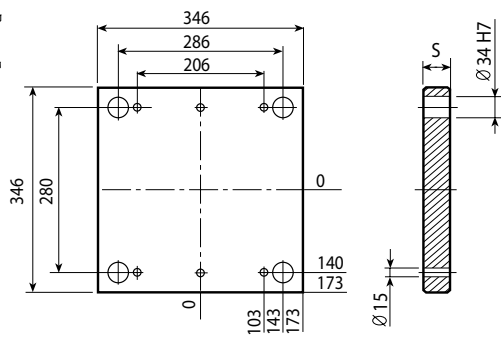
Mat.	S		
	22	26	36
1730		●	

Q10



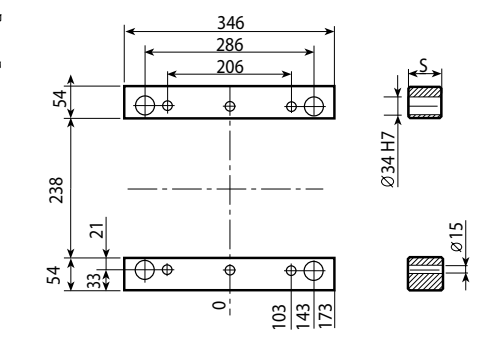
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●		●	
Toolox 33		●	●	●	●	●		●	

Q20



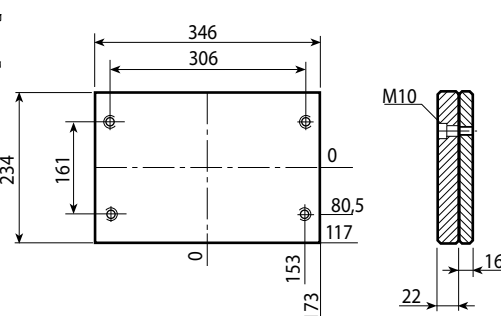
Mat.	S		
	26	36	46
1730			●

Q30

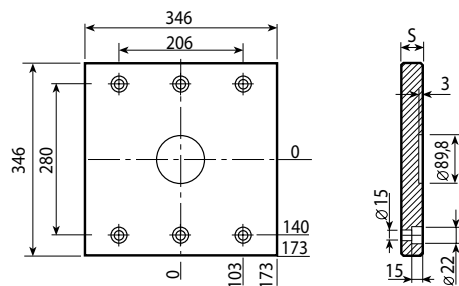


Mat.	S				
	57	77	97	117	147
1730		●	●	●	

Q40 / Q50

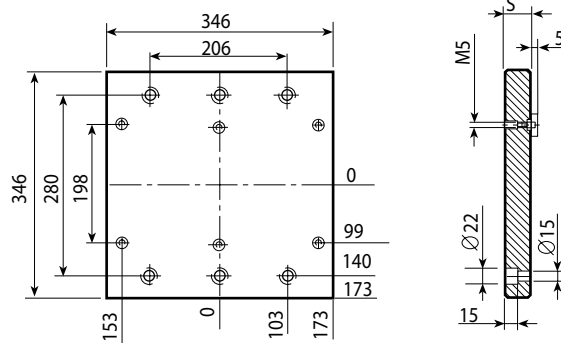


Q04



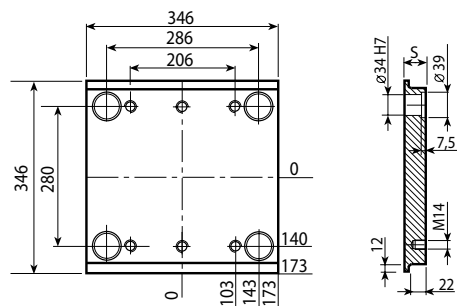
Mat.	S		
	22	26	36
1730		●	

Q03



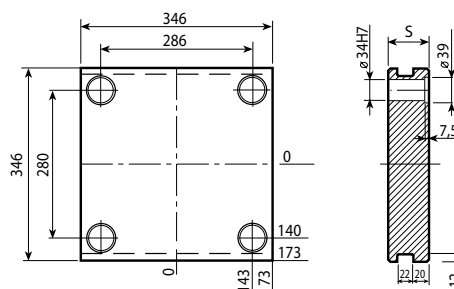
Mat.	S		
	22	26	36
1730		●	

Q1C



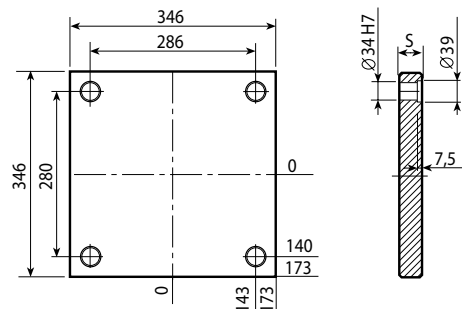
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●			
Toolox 33		●	●	●	●	●			

Q13

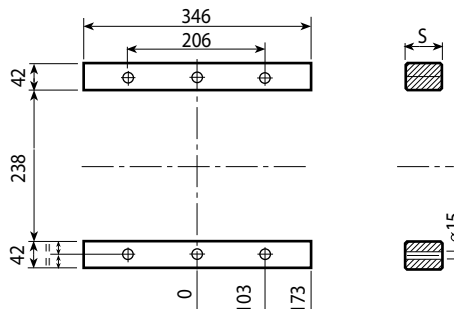


Mat.	S								
	36	46	56	66	76	96	106	116	146
1730			●	●	●	●		●	
Toolox 33			●	●	●	●		●	

Q1T

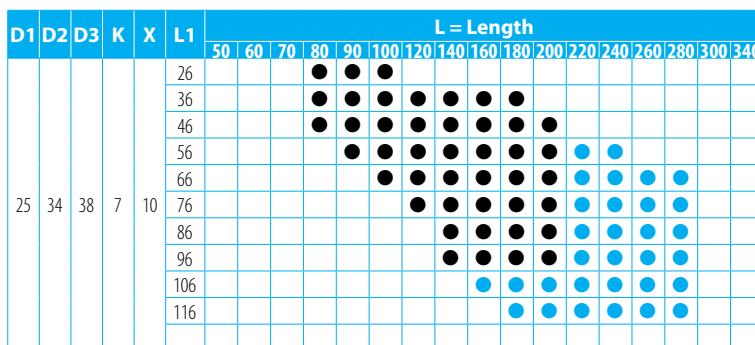
[illegible]

Q3G

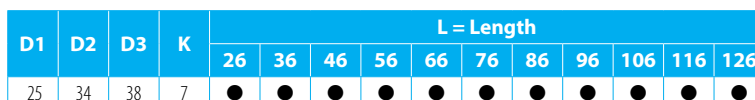


Mat.	S				
	57	77	97	117	147
1730		●	●	●	

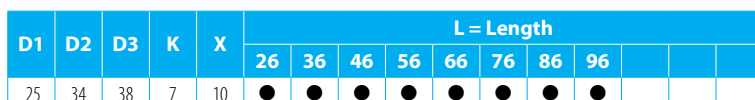
Leader pins



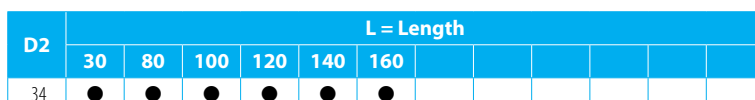
## Bushing



## Bushing



## Bushing

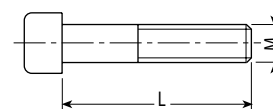




## Screw

QM

M	L = Length																									
	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	240	260	
14	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

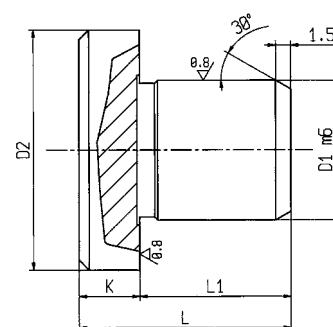


## Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

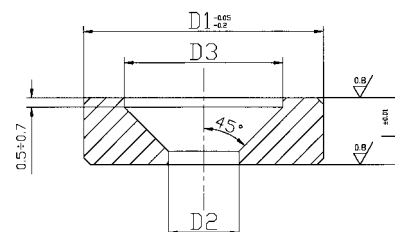


## Spacer disk

Mat.: UNI 16 Ni Cr 4

QA2

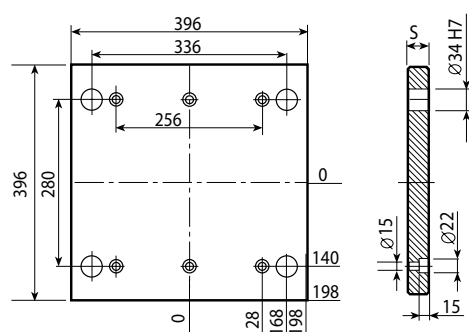
D1	D2	D3	L
20	5,3	11	5





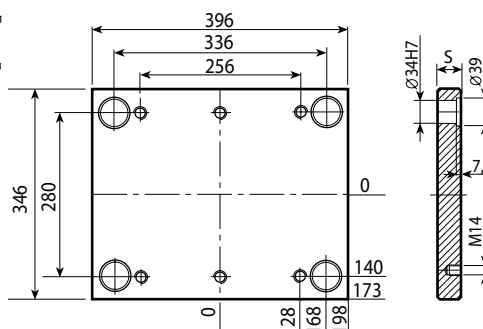


## Q01



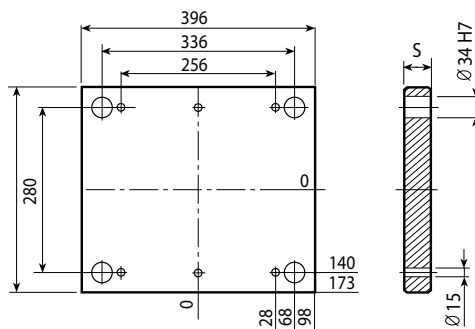
Mat.	S		
	22	26	36
1730		●	

## Q10



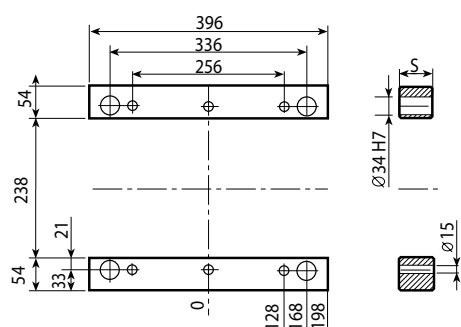
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●		●	
Toolox 33		●	●	●	●	●		●	

## Q20



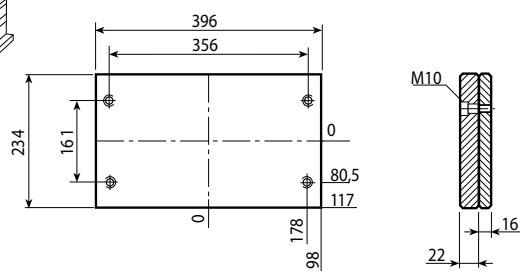
Mat.	S		
	26	36	46
1730			●

## Q30

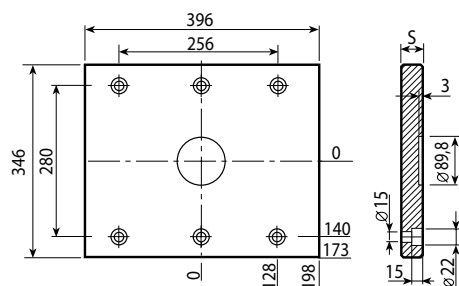


Mat.	S				
	57	77	97	117	147
1730		●	●	●	

## Q40 / Q50

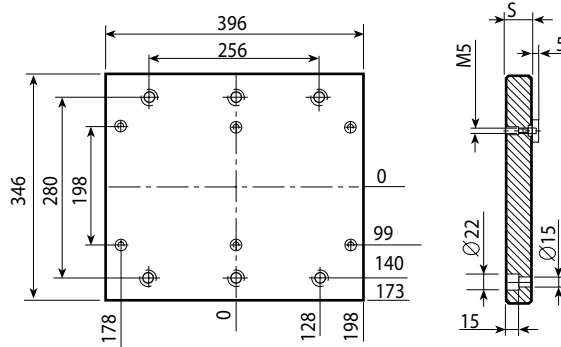


Q04



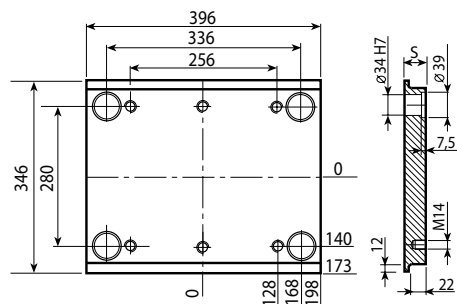
Mat.	S		
	22	26	36
1730		●	

Q03



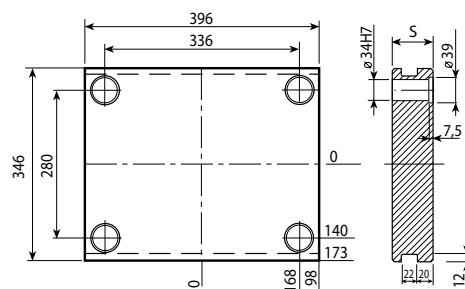
Mat.	S		
	22	26	36
1730		●	

Q1C



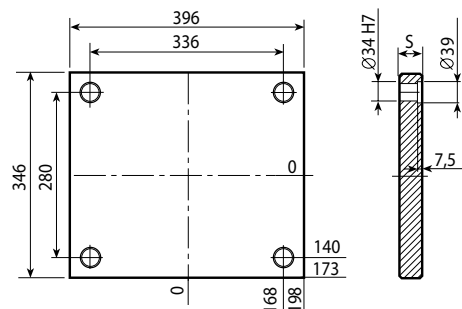
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●			
Toolox 33		●	●	●	●	●			

Q13

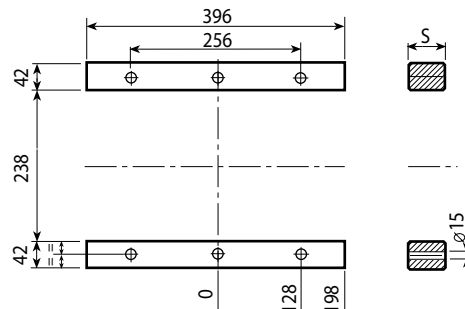


Mat.	S								
	36	46	56	66	76	96	106	116	146
1730			●	●	●	●		●	
Toolox 33			●	●	●	●		●	

Q1T

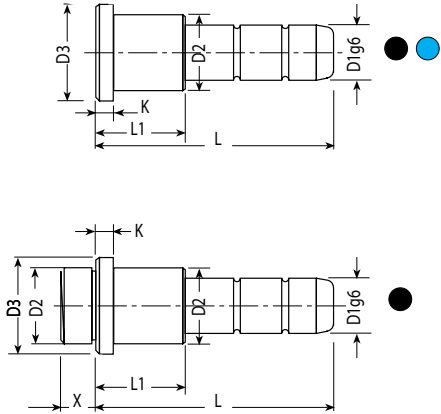
[illegible]

Q3G



Mat.	S				
	57	77	97	117	147
1730		●	●	●	

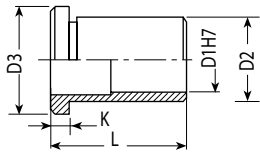
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																							
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340							
25	34	38	7	10	26				●	●	●																		
					36				●	●	●	●	●	●															
					46				●	●	●	●	●	●	●	●													
					56					●	●	●	●	●	●	●	●	●	●										
					66						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
					76							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
					86								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
					96									●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
					106										●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
					116											●	●	●	●	●	●	●	●	●	●	●	●	●	●

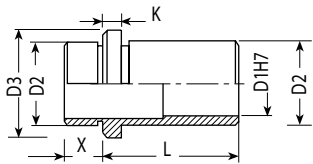
QR3



Bushing

D1	D2	D3	K	L = Length											
				26	36	46	56	66	76	86	96	106	116	126	
25	34	38	7	●	●	●	●	●	●	●	●	●	●		

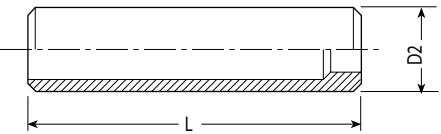
QR4



Bushing

D1	D2	D3	K	X	L = Length									
					26	36	46	56	66	76	86	96		
25	34	38	7	10	●	●	●	●	●	●	●	●		

QR5



Bushing

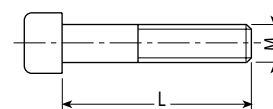
D2	L = Length									
	30	80	100	120	140	160				
34	●	●	●	●	●	●				



Screw

QM

M	L = Length																									
	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	240	260	
14	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

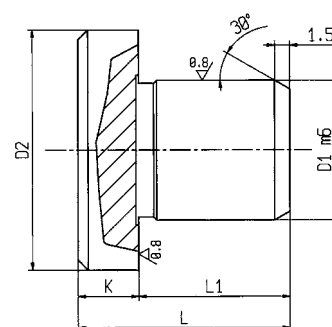


Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

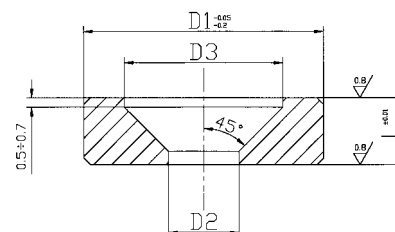


Spacer disk

Mat.: UNI 16 Ni Cr 4

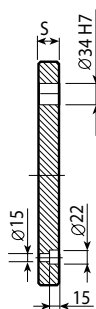
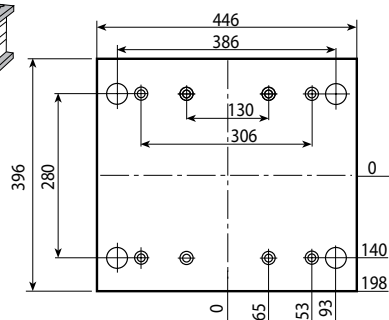
QA2

D1	D2	D3	L
20	5,3	11	5



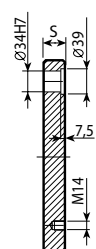
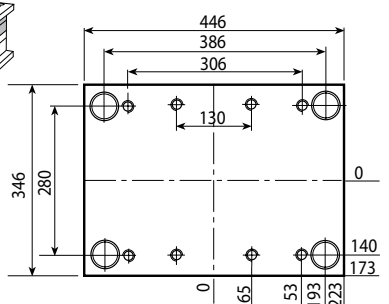


## Q01



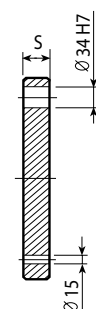
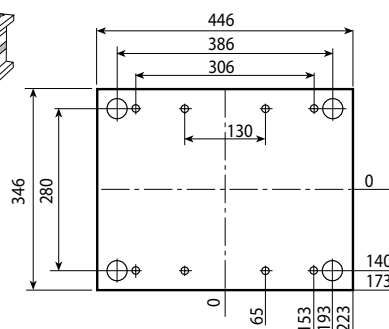
Mat.	S		
	22	26	36
1730		●	

## Q10



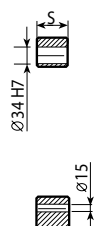
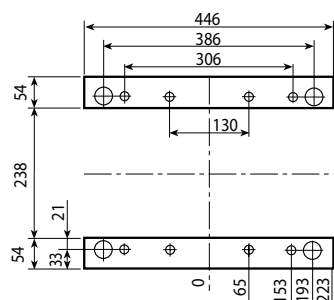
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●		●	
Toolox 33		●	●	●	●	●		●	

## Q20



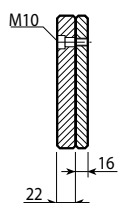
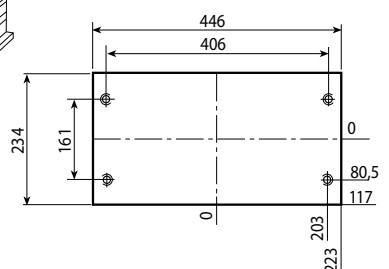
Mat.	S		
	26	36	46
1730			●

## Q30

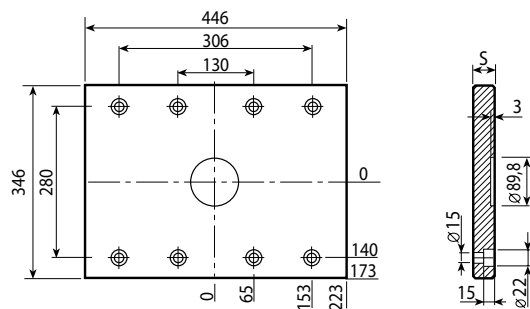


Mat.	S				
	57	77	97	117	147
1730		●	●	●	

## Q40 / Q50

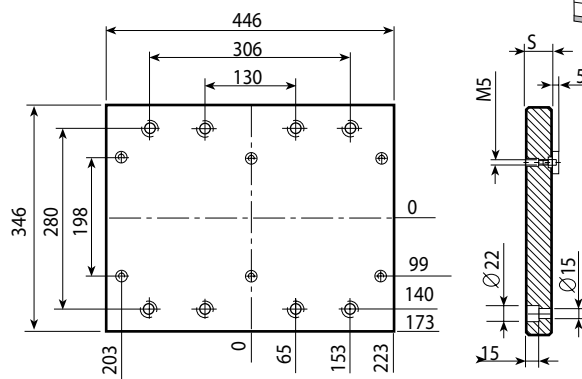


Q04



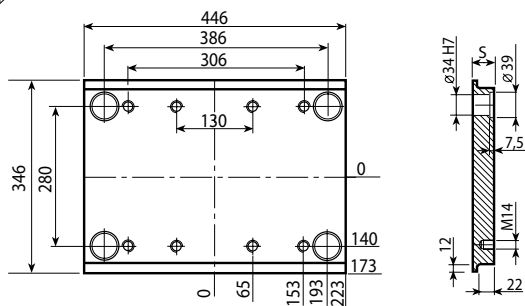
Mat.	S		
	22	26	36
1730		●	

Q03



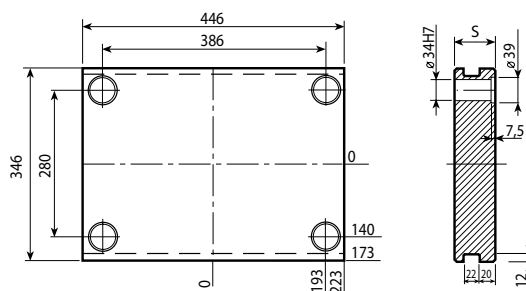
Mat.	S		
	22	26	36
1730		●	

Q1C



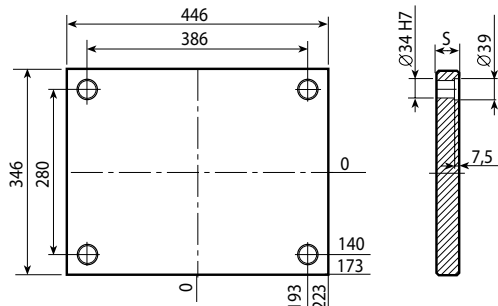
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●			
Toolox 33		●	●	●	●	●			

Q13

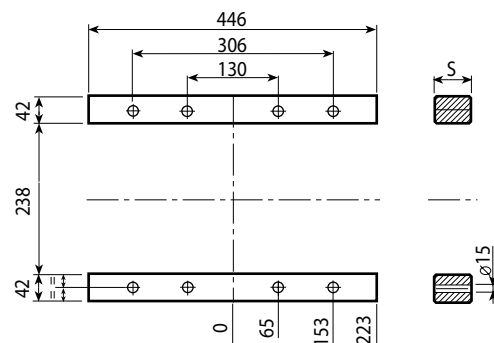


Mat.	S								
	36	46	56	66	76	96	106	116	146
1730			●	●	●	●		●	
Toolox 33			●	●	●	●		●	

Q1T

[illegible]

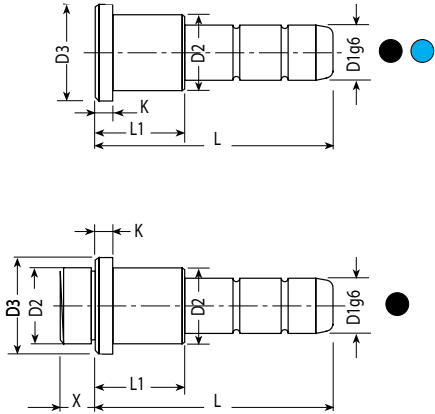
Q3G



Mat.	S				
	57	77	97	117	147
1730		●	●	●	



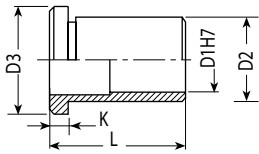
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																	
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340	
25	34	38	7	10	26				●	●	●												
					36				●	●	●	●	●	●									
					46				●	●	●	●	●	●	●								
					56					●	●	●	●	●	●	●	●						
					66					●	●	●	●	●	●	●	●	●	●				
					76						●	●	●	●	●	●	●	●	●	●			
					86							●	●	●	●	●	●	●	●	●	●		
					96								●	●	●	●	●	●	●	●	●		
					106									●	●	●	●	●	●	●	●		
					116										●	●	●	●	●	●	●		

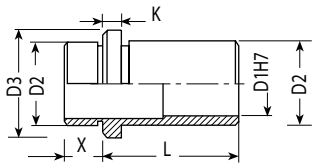
QR3



Bushing

D1	D2	D3	K	L = Length									
				26	36	46	56	66	76	86	96	106	116
25	34	38	7	●	●	●	●	●	●	●	●	●	●

QR4



Bushing

D1	D2	D3	K	X	L = Length									
					26	36	46	56	66	76	86	96		
25	34	38	7	10	●	●	●	●	●	●	●	●		

QR5



Bushing

D2	L = Length									
	30	80	100	120	140	160				
34	●	●	●	●	●	●				



## Screw

QM

M	L = Length																								
	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	240	260
14	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

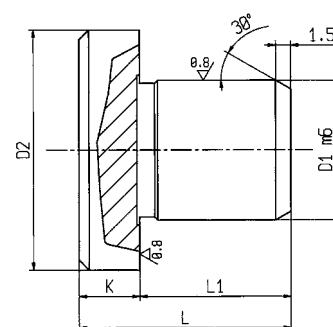


## Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

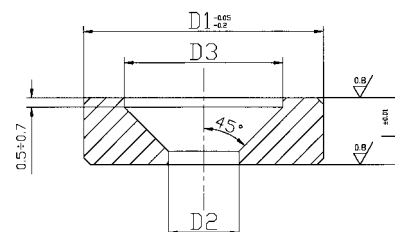


## Spacer disk

Mat.: UNI 16 Ni Cr 4

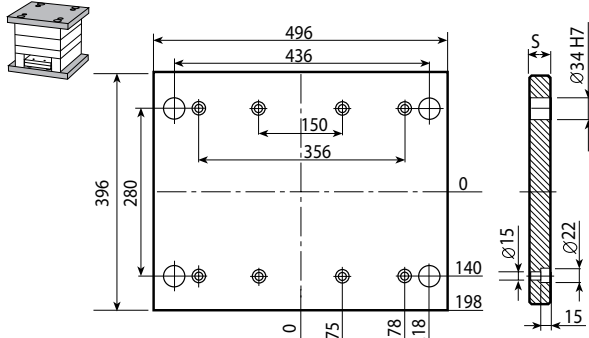
QA2

D1	D2	D3	L
20	5,3	11	5



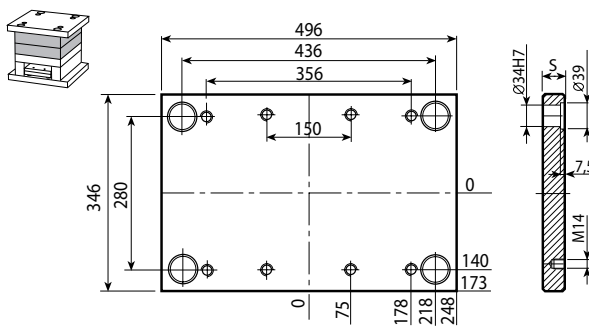


Q01



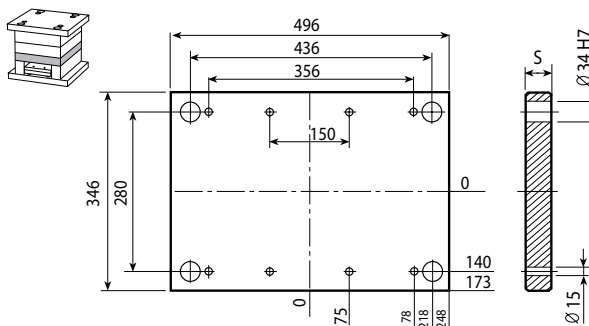
Mat.	S		
	22	26	36
1730		●	

Q10



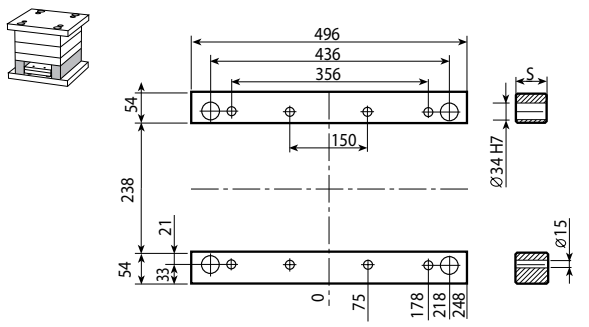
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●		●	
Toolox 33		●	●	●	●	●		●	

Q20



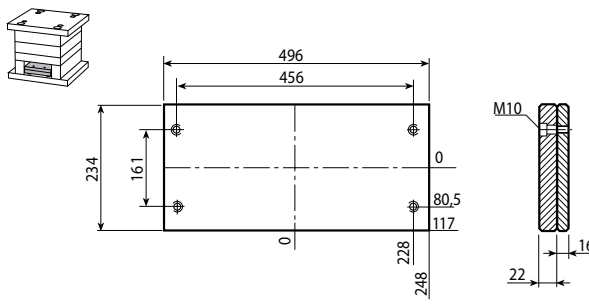
Mat.	S		
	26	36	46
1730			●

Q30

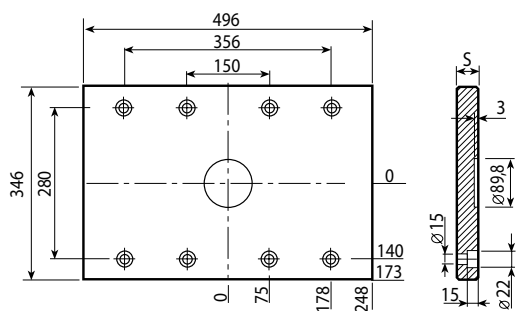


Mat.	S				
	57	77	97	117	147
1730		●	●	●	

Q40 / Q50

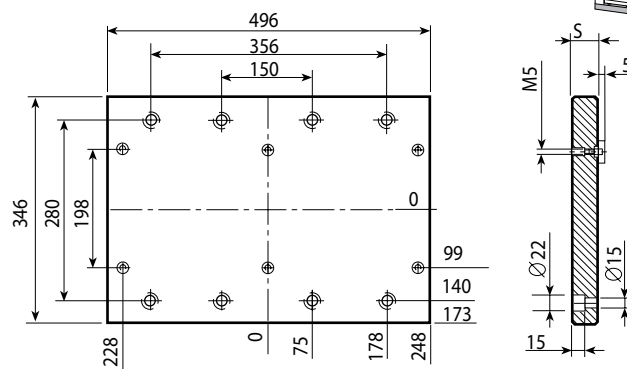


Q04



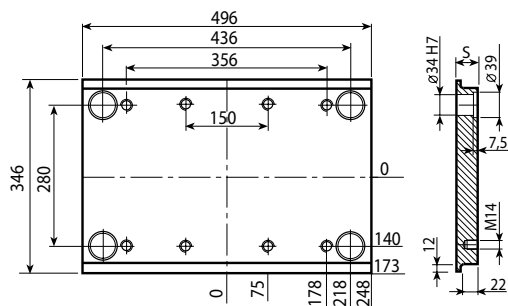
Mat.	S		
	22	26	36
1730		●	

Q03



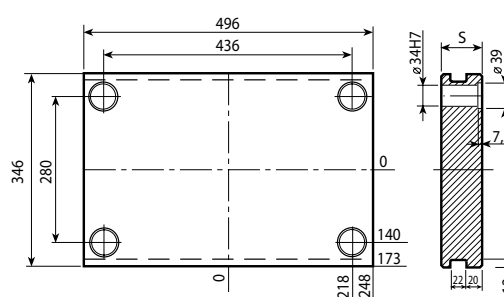
Mat.	S		
	22	26	36
1730		●	

Q1C



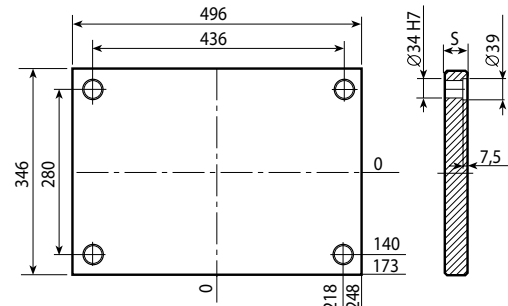
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●			
Toolox 33		●	●	●	●	●			

Q13



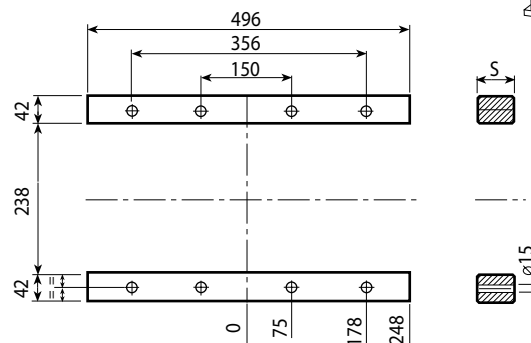
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730			●	●	●	●		●	
Toolox 33			●	●	●	●		●	

Q1T



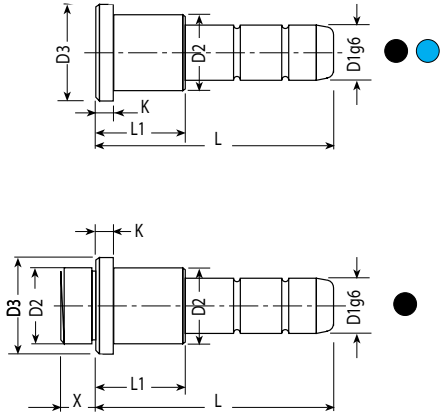
Mat.	S								
	26	36	46	56	66	76	96	106	116
1730	●	●	●	●	●	●	●		●
Toolox 33	●	●	●	●	●	●	●		●

Q3G



Mat.	S				
	57	77	97	117	147
1730		●	●	●	

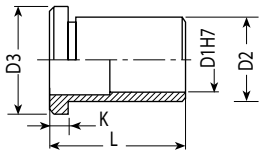
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length															
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300
25	34	38	7	10	26				●	●	●										
					36				●	●	●	●	●	●							
					46				●	●	●	●	●	●	●						
					56					●	●	●	●	●	●	●	●				
					66						●	●	●	●	●	●	●	●	●	●	
					76						●	●	●	●	●	●	●	●	●	●	
					86							●	●	●	●	●	●	●	●	●	
					96								●	●	●	●	●	●	●	●	
					106									●	●	●	●	●	●	●	
					116										●	●	●	●	●	●	

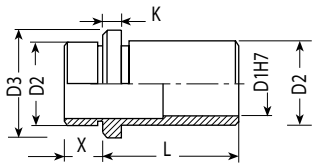
QR3



Bushing

D1	D2	D3	K	L = Length									
				26	36	46	56	66	76	86	96	106	116
25	34	38	7	●	●	●	●	●	●	●	●	●	●

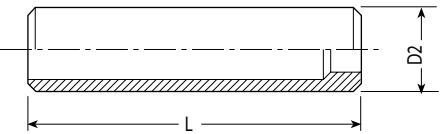
QR4



Bushing

D1	D2	D3	K	X	L = Length									
					26	36	46	56	66	76	86	96		
25	34	38	7	10	●	●	●	●	●	●	●	●		

QR5



Bushing

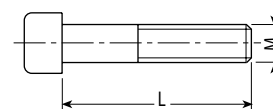
D2	L = Length									
	30	80	100	120	140	160				
34	●	●	●	●	●	●				



Screw

QM

M	L = Length																								
	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	240	260
14	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

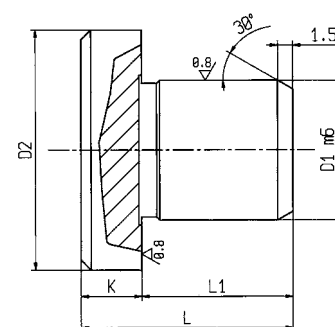


Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

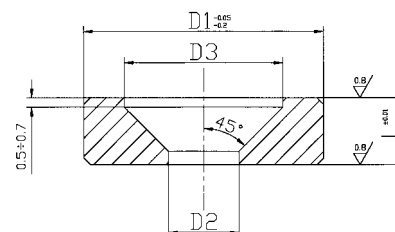


Spacer disk

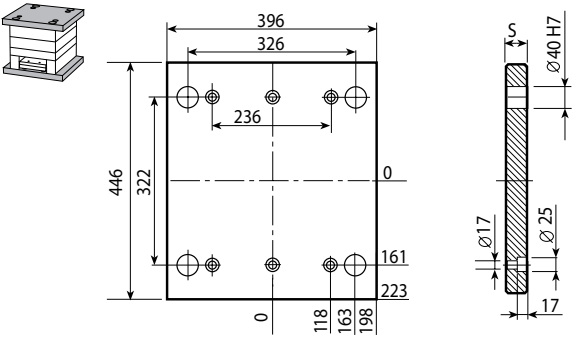
Mat.: UNI 16 Ni Cr 4

QA2

D1	D2	D3	L
20	5,3	11	5

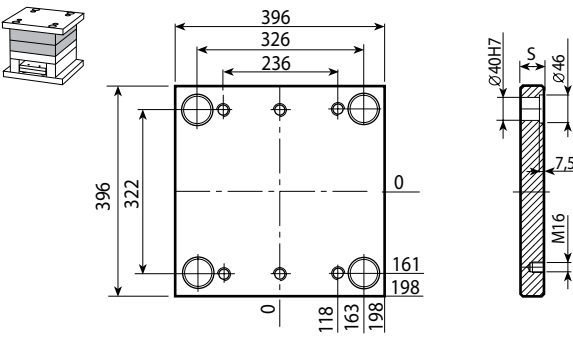


Q01



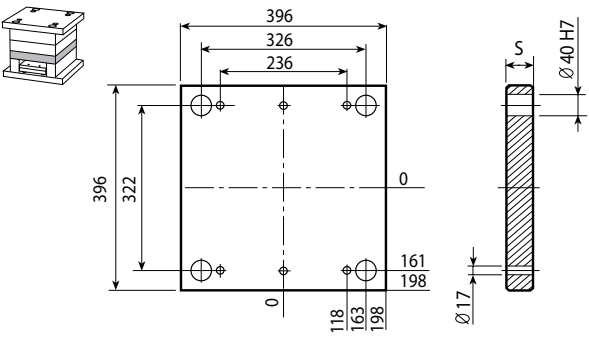
Mat.	S		
	22	26	36
1730		●	

Q10



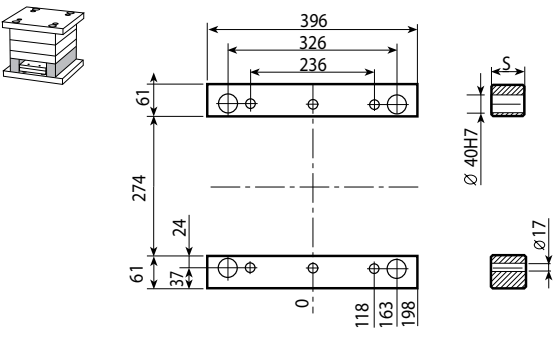
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●	●	●	●
Toolox 33		●	●	●	●	●	●	●	●

Q20



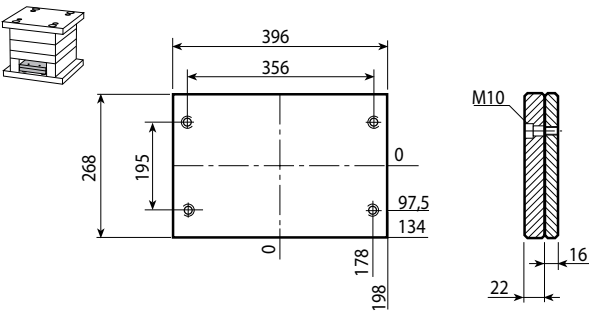
Mat.	S		
	26	36	46
1730			●

Q30

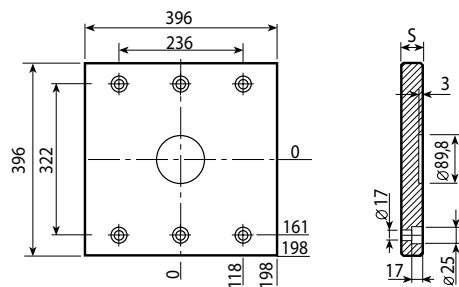


Mat.	S				
	57	77	97	117	147
1730		●	●	●	

Q40 / Q50

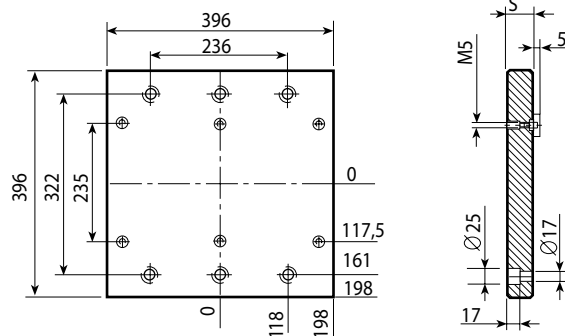


Q04



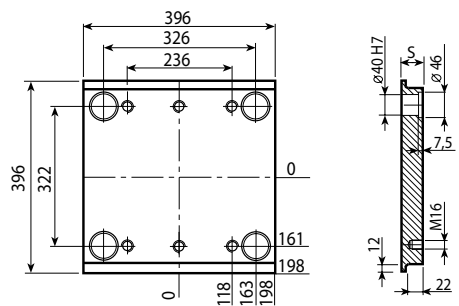
Mat.	S		
	22	26	36
1730		●	

Q03



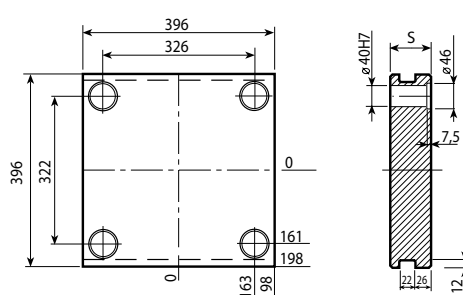
Mat.	S		
	22	26	36
1730		●	

Q1C



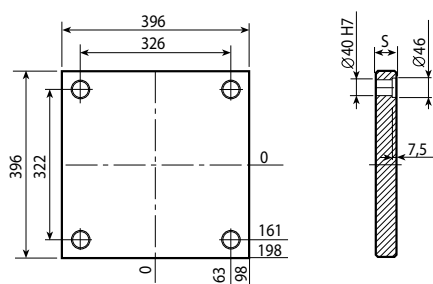
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●	●		
Toolox 33		●	●	●	●	●	●		

Q13

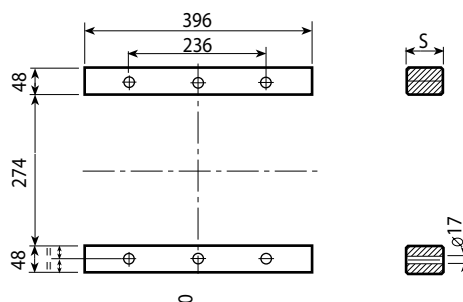


Mat.	S								
	36	46	56	66	76	96	106	116	146
1730			●	●	●	●	●	●	●
Toolox 33			●	●	●	●	●	●	●

Q1T

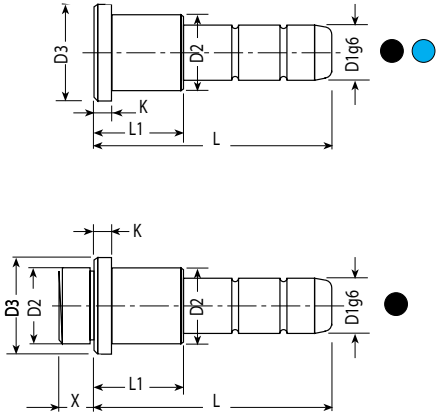
[illegible]

Q3G



Mat.	S				
	57	77	97	117	147
1730		●	●	●	

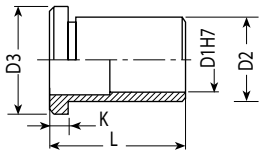
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																								
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340								
32	40	45	7	10	36						●																			
					46						●	●	●	●																
					56							●	●	●	●	●	●	●	●											
					66								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
					76									●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
					86										●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
					96											●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
					106												●	●	●	●	●	●	●	●	●	●	●	●	●	●
					116													●	●	●	●	●	●	●	●	●	●	●	●	●
					126														●	●	●	●	●	●	●	●	●	●	●	●
					146															●	●	●	●	●	●	●	●	●	●	●

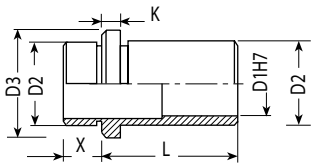
QR3



Bushing

D1	D2	D3	K	L = Length									
				36	46	56	66	76	86	96	106	116	126
32	40	45	7	●	●	●	●	●	●	●	●	●	●

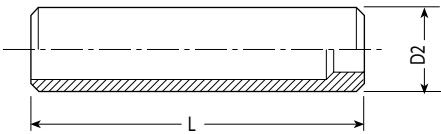
QR4



Bushing

D1	D2	D3	K	X	L = Length									
					36	46	56	66	76	86	96	106	116	126
32	40	45	7	10	●	●	●	●	●	●	●	●	●	●

QR5



Bushing

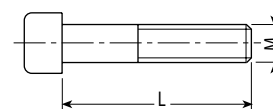
D2	L = Length									
	30	100	120	140	160	180				
40	●	●	●	●	●	●				



## Screw

QM

M	L = Length																								
	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	240	260
16	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

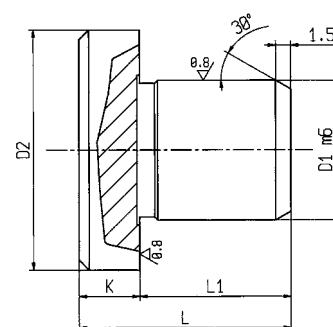


## Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

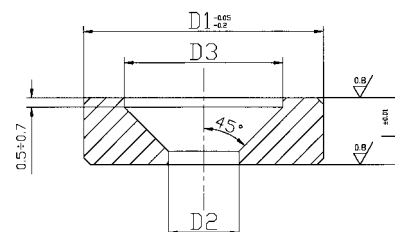


## Spacer disk

Mat.: UNI 16 Ni Cr 4

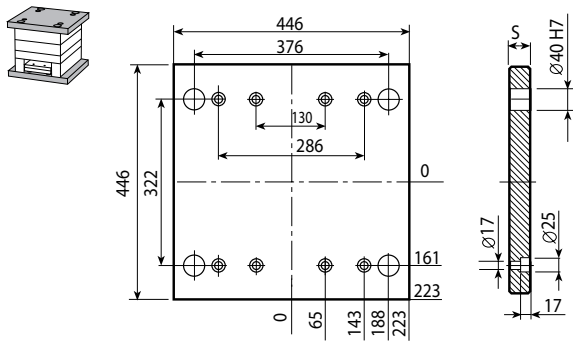
QA2

D1	D2	D3	L
20	5,3	11	5



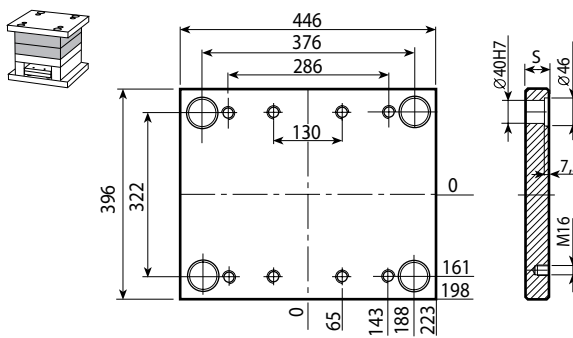


Q01



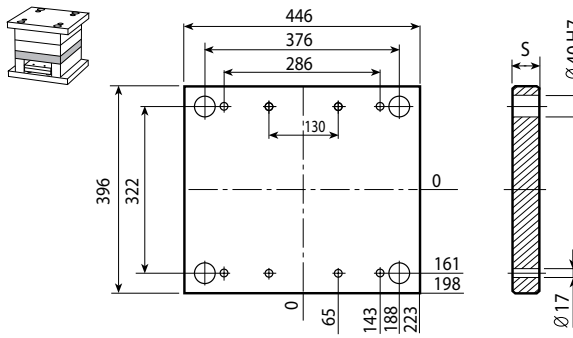
Mat.	S		
	22	26	36
1730		●	

Q10



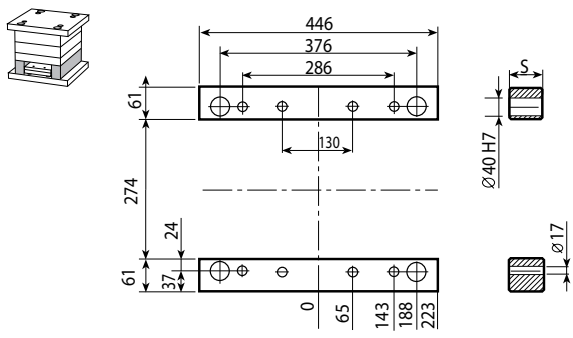
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●	●	●	●
Toolox 33		●	●	●	●	●	●	●	●

Q20



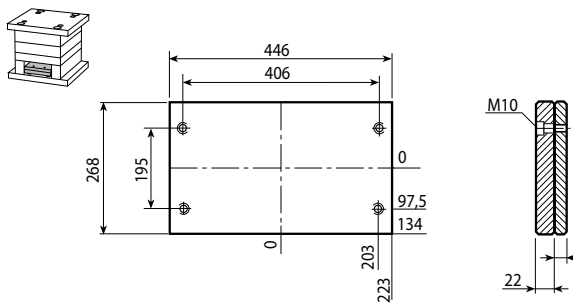
Mat.	S		
	26	36	46
1730			●

Q30

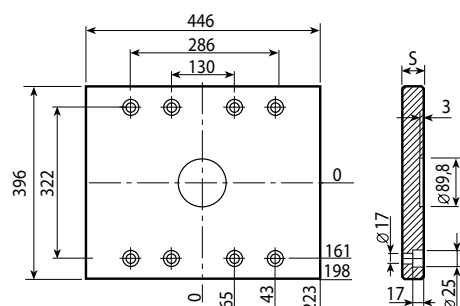


Mat.	S				
	57	77	97	117	147
1730		●	●	●	

Q40 / Q50

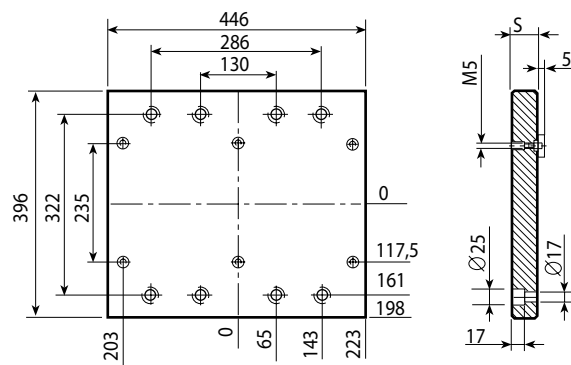


Q04



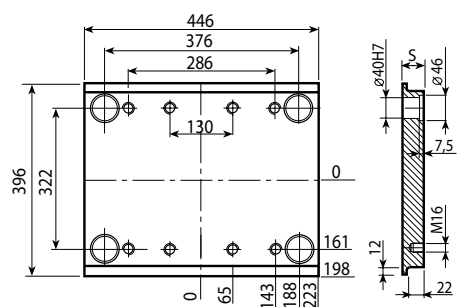
Mat.	S		
	22	26	36
1730		●	

Q03



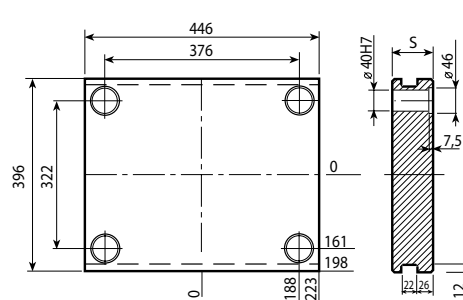
Mat.	S		
	22	26	36
1730		●	

Q1C



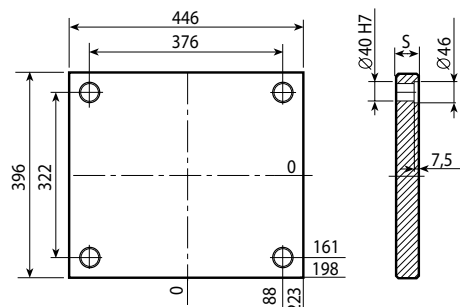
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●	●		
Toolox 33		●	●	●	●	●	●		

Q13

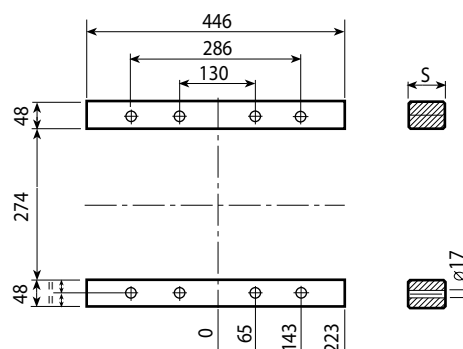


Mat.	S								
	36	46	56	66	76	96	106	116	146
1730			●	●	●	●	●	●	●
Toolox 33			●	●	●	●	●	●	●

Q1T

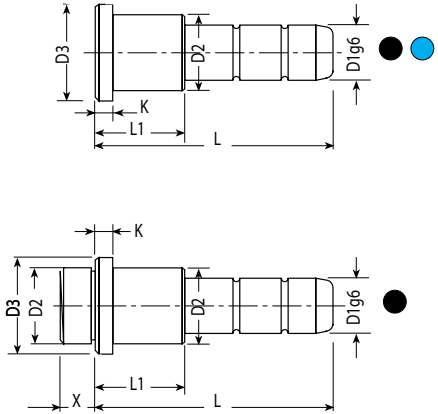
[illegible]

Q3G



Mat.	S				
	57	77	97	117	147
1730		●	●	●	

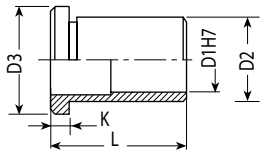
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																		
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340		
32	40	45	7	10	36						●													
					46					●	●	●	●											
					56						●	●	●	●	●	●	●	●						
					66							●	●	●	●	●	●	●	●	●				
					76							●	●	●	●	●	●	●	●	●				
					86								●	●	●	●	●	●	●	●	●			
					96								●	●	●	●	●	●	●	●	●	●		
					106									●	●	●	●	●	●	●	●	●		
					116										●	●	●	●	●	●	●	●		
					126										●	●	●	●	●	●	●	●		
					146											●	●	●	●	●	●	●		

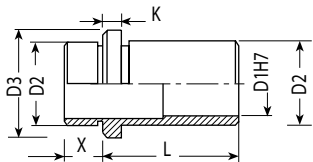
QR3



Bushing

D1	D2	D3	K	L = Length									
				36	46	56	66	76	86	96	106	116	126
32	40	45	7	●	●	●	●	●	●	●	●	●	●

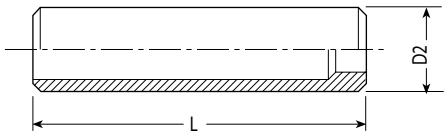
QR4



Bushing

D1	D2	D3	K	X	L = Length									
					36	46	56	66	76	86	96	106	116	126
32	40	45	7	10	●	●	●	●	●	●	●	●	●	●

QR5



Bushing

D2	L = Length									
	30	100	120	140	160	180				
40	●	●	●	●	●	●				

Screw

QM

M	L = Length																									
	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	240	260	
16	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

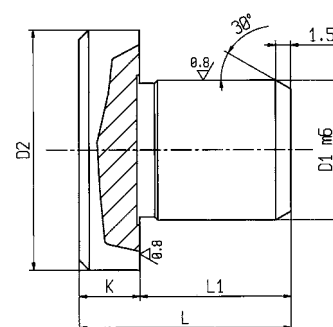


Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

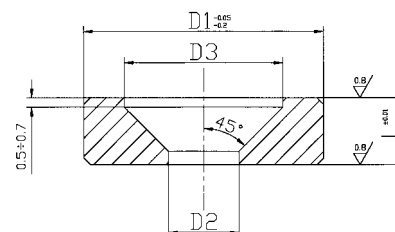


Spacer disk

Mat.: UNI 16 Ni Cr 4

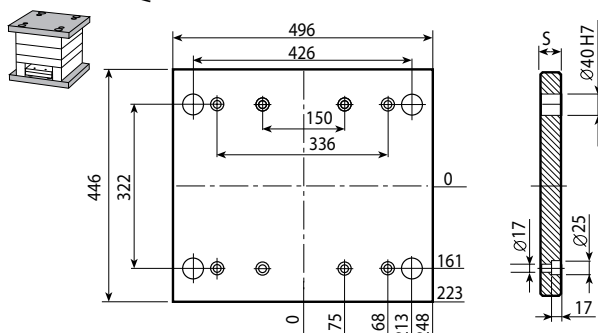
QA2

D1	D2	D3	L
20	5,3	11	5



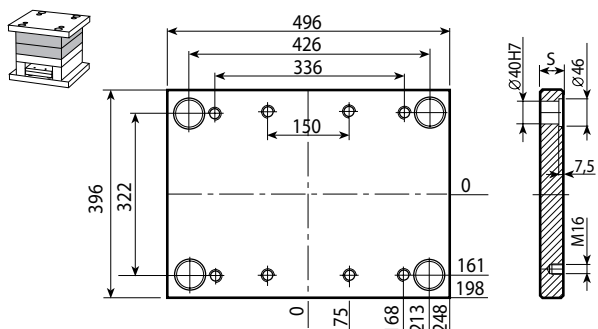


## Q01



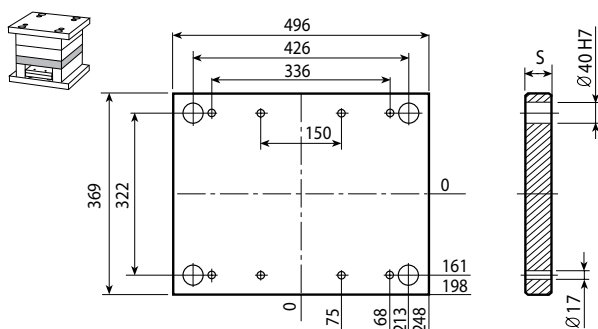
Mat.	S		
	22	26	36
1730		●	

## Q10



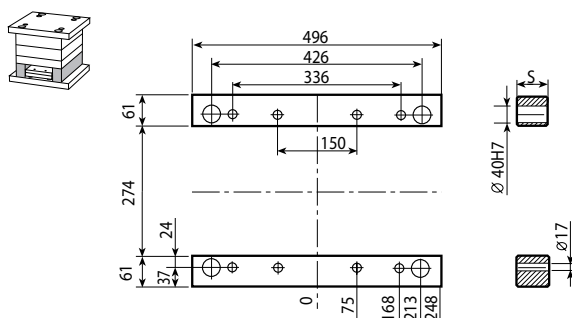
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●	●	●	●
Toolox 33		●	●	●	●	●	●	●	●

## Q20



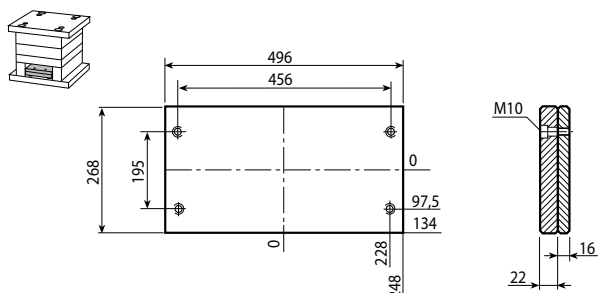
Mat.	S		
	26	36	46
1730			●

## Q30

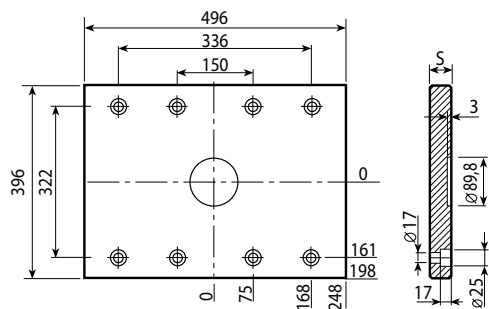


Mat.	S				
	57	77	97	117	147
1730		●	●	●	

## Q40 / Q50

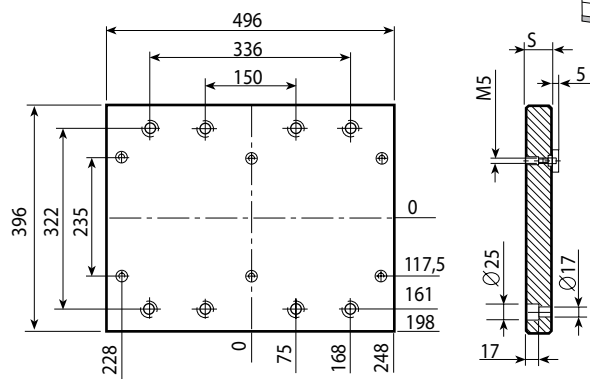


Q04



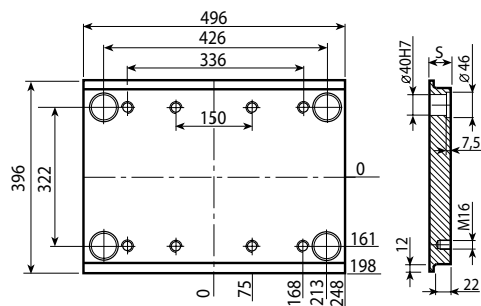
Mat.	S		
	22	26	36
1730		●	

Q03



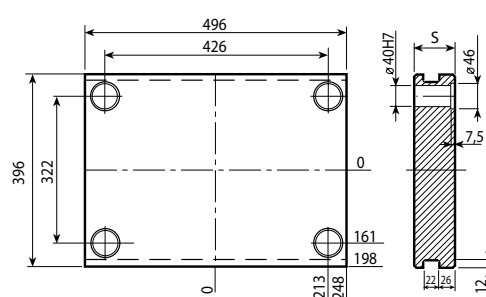
Mat.	S		
	22	26	36
1730		●	

Q1C



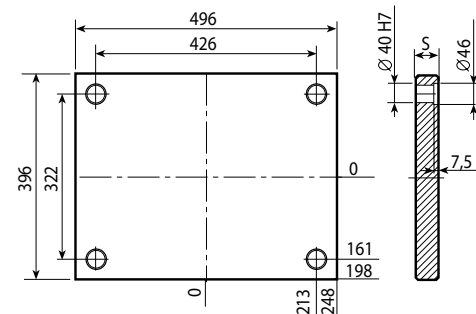
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●	●		
Toolox 33		●	●	●	●	●	●		

Q13

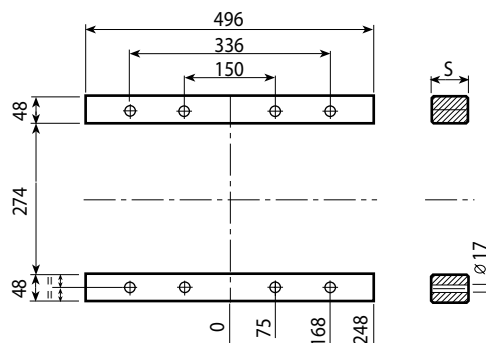


Mat.	S								
	36	46	56	66	76	96	106	116	146
1730			●	●	●	●	●	●	●
Toolox 33			●	●	●	●	●	●	●

Q1T

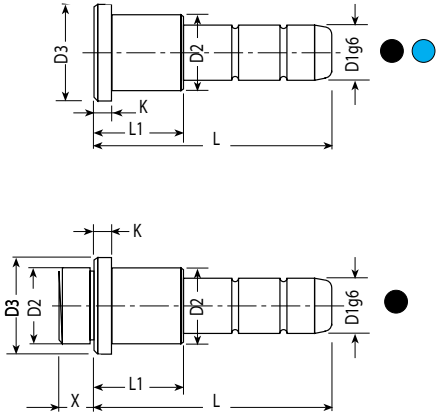
[illegible]

Q3G



Mat.	S				
	57	77	97	117	147
1730		●	●	●	

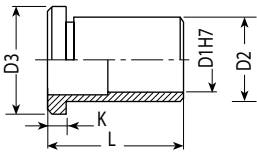
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																				
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340				
32	40	45	7	10	36						●															
					46						●	●	●	●												
					56						●	●	●	●	●	●	●	●								
					66							●	●	●	●	●	●	●	●	●						
					76							●	●	●	●	●	●	●	●	●	●					
					86								●	●	●	●	●	●	●	●	●	●				
					96								●	●	●	●	●	●	●	●	●	●	●			
					106									●	●	●	●	●	●	●	●	●	●	●		
					116										●	●	●	●	●	●	●	●	●	●		
					126										●	●	●	●	●	●	●	●	●	●		
					146										●	●	●	●	●	●	●	●	●	●		

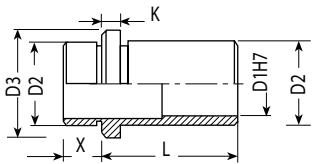
QR3



Bushing

D1	D2	D3	K	L = Length									
				36	46	56	66	76	86	96	106	116	126
32	40	45	7	●	●	●	●	●	●	●	●	●	●

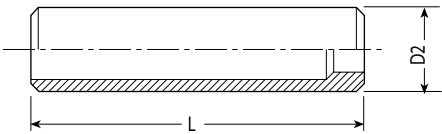
QR4



Bushing

D1	D2	D3	K	X	L = Length									
					36	46	56	66	76	86	96	106	116	126
32	40	45	7	10	●	●	●	●	●	●	●	●	●	●

QR5



Bushing

D2	L = Length									
	30	100	120	140	160	180				
40	●	●	●	●	●	●				

Screw

QM

M	L = Length																								
	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	240	260
16	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

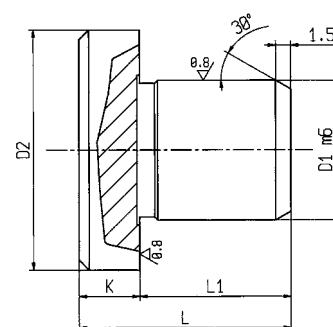


Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

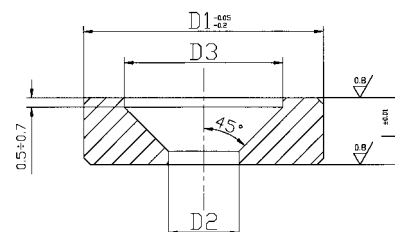


Spacer disk

Mat.: UNI 16 Ni Cr 4

QA2

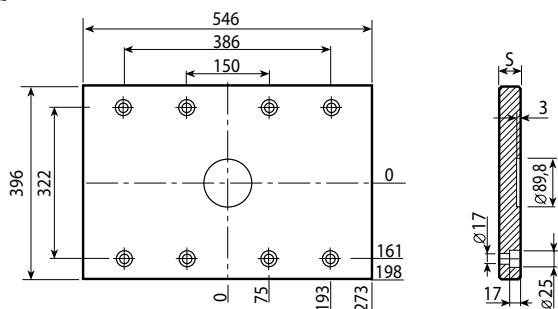
D1	D2	D3	L
20	5,3	11	5





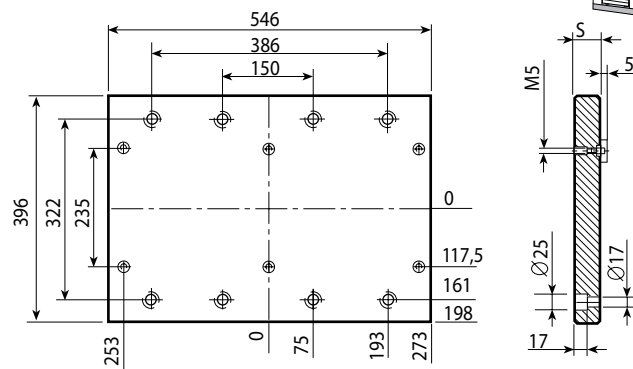


Q04



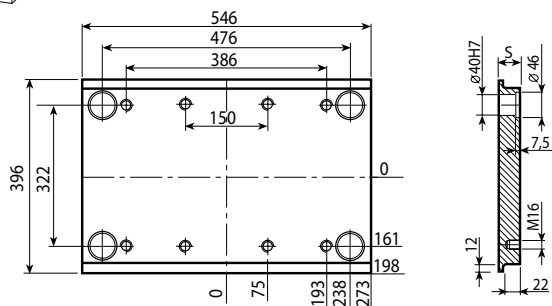
Mat.	S		
	22	26	36
1730		●	

Q03



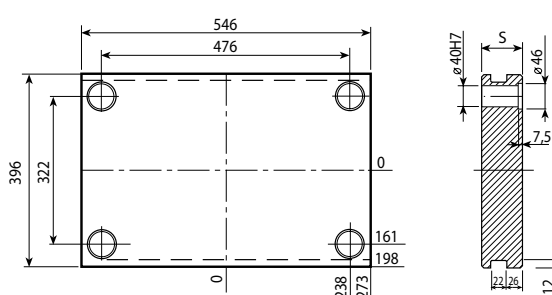
Mat.	S		
	22	26	36
1730		●	

Q1C



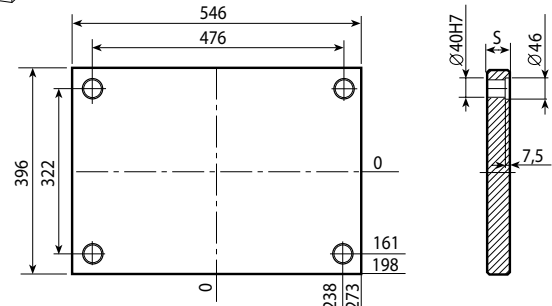
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●	●		
Toolox 33		●	●	●	●	●	●		

Q13



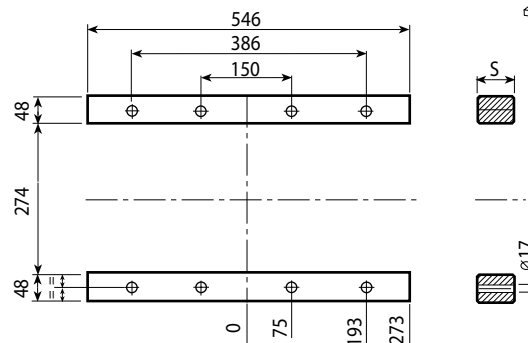
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730			●	●	●	●	●	●	●
Toolox 33			●	●	●	●	●	●	●

Q1T



Mat.	S								
	36	46	56	66	76	96	106	116	146
1730	●	●	●	●	●	●	●	●	●
Toolox 33	●	●	●	●	●	●	●	●	●

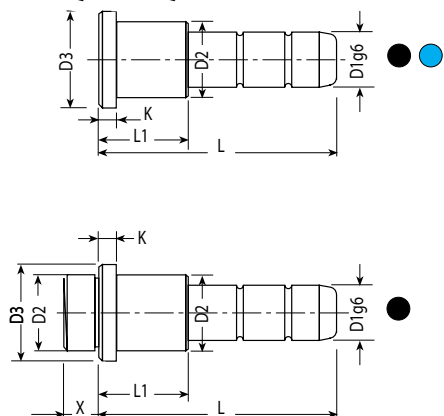
Q3G



Mat.	S				
	57	77	97	117	147
1730		●	●	●	



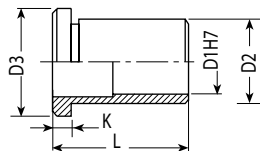
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																		
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340		
32	40	45	7	10	36						●													
					46						●	●	●	●										
					56							●	●	●	●	●	●	●	●					
					66							●	●	●	●	●	●	●	●	●				
					76								●	●	●	●	●	●	●	●	●			
					86									●	●	●	●	●	●	●	●			
					96										●	●	●	●	●	●	●	●	●	
					106											●	●	●	●	●	●	●	●	
					116												●	●	●	●	●	●	●	
					126													●	●	●	●	●	●	
					146														●	●	●	●	●	

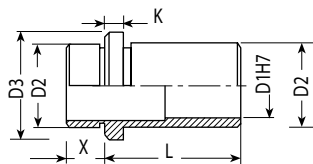
QR3



Bushing

D1	D2	D3	K	L = Length										
				36	46	56	66	76	86	96	106	116	126	146
32	40	45	7	●	●	●	●	●	●	●	●	●	●	●

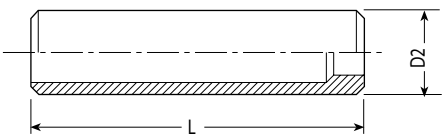
QR4



Bushing

D1	D2	D3	K	X	L = Length										
					36	46	56	66	76	86	96	106	116	126	146
32	40	45	7	10	●	●	●	●	●	●	●	●	●	●	●

QR5



Bushing

D2	L = Length									
	30	100	120	140	160	180				
40	●	●	●	●	●	●				



Screw

QM

M	L = Length																									
	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	240	260	
16	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

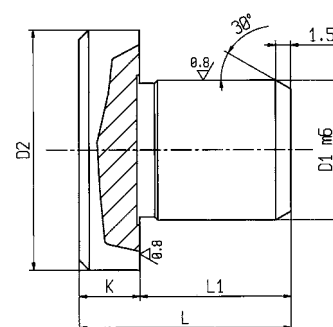


Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

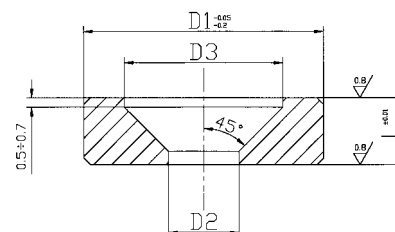


Spacer disk

Mat.: UNI 16 Ni Cr 4

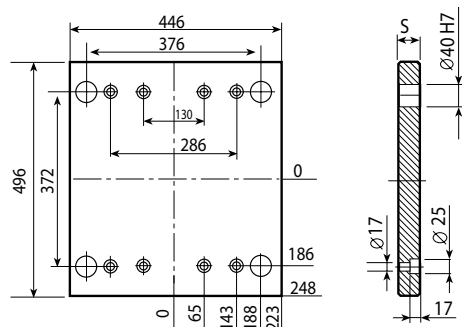
QA2

D1	D2	D3	L
20	5,3	11	5



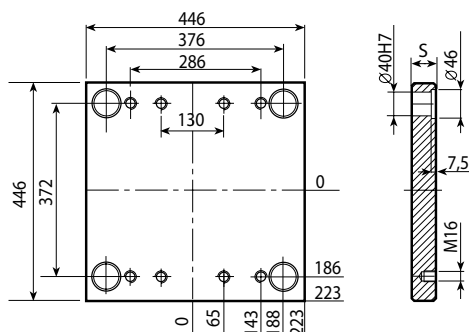


## Q01



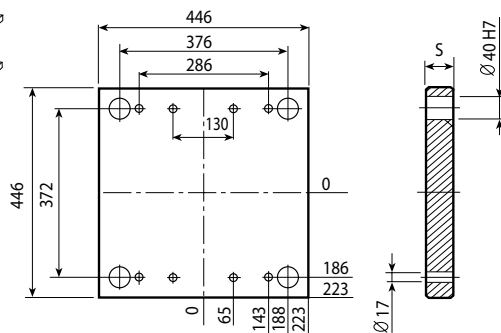
Mat.	S		
	22	26	36
1730		●	

## Q10



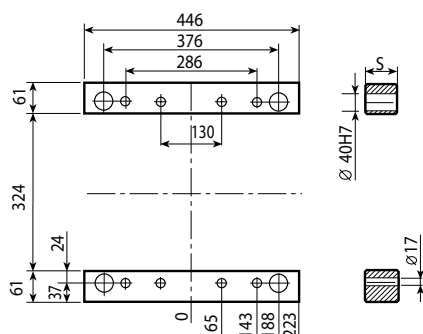
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●	●	●	●
Toolox 33		●	●	●	●	●	●	●	●

## Q20



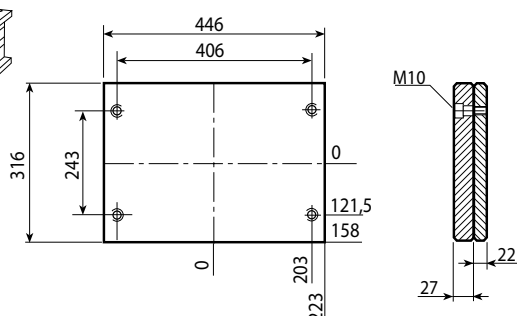
Mat.	S		
	26	36	46
1730			●

## Q30

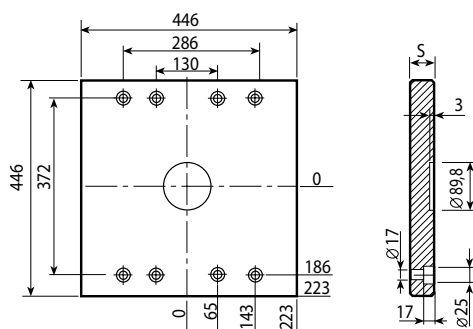


Mat.	S				
	57	77	97	117	147
1730			●	●	●

## Q40 / Q50

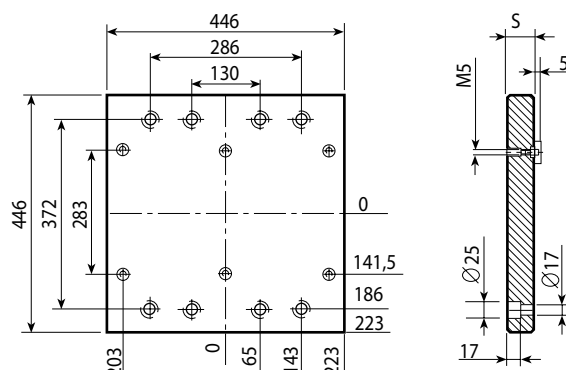


Q04



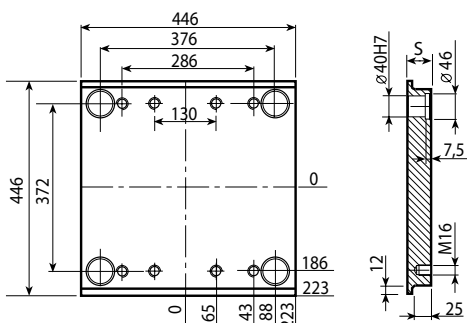
Mat.	S		
	22	26	36
1730		●	

Q03



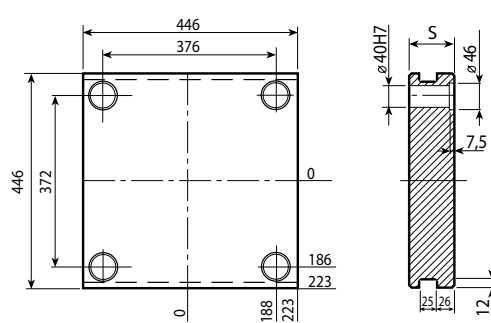
Mat.	S		
	22	26	36
1730		●	

Q1C



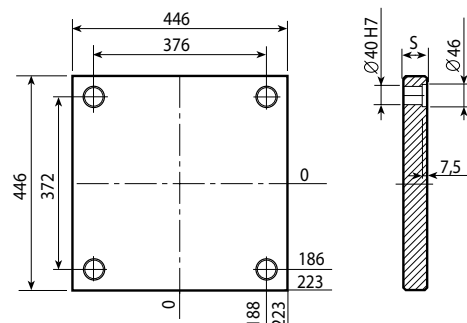
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●	●	●	●
Tootlox 33		●	●	●	●	●	●	●	●

Q13

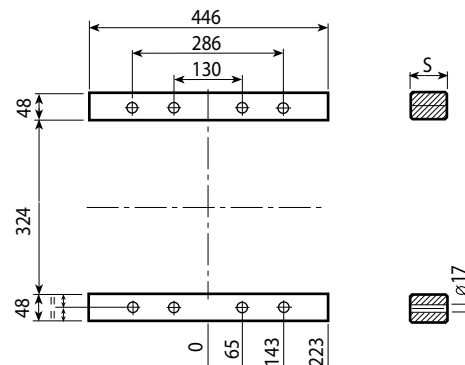


Mat.	S								
	36	46	56	66	76	96	106	116	146
1730			●	●	●	●	●	●	●
Toolox 33			●	●	●	●	●	●	●

Q1T

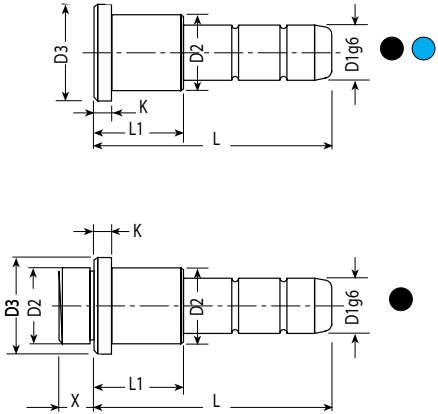
[illegible]

Q3G



Mat.	S				
	57	77	97	117	147
1730			●	●	●

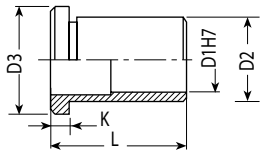
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																		
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340		
32	40	45	7	10	36						●													
					46						●	●	●	●										
					56						●	●	●	●	●	●	●	●						
					66							●	●	●	●	●	●	●	●	●				
					76							●	●	●	●	●	●	●	●	●				
					86								●	●	●	●	●	●	●	●	●			
					96								●	●	●	●	●	●	●	●	●	●	●	
					106									●	●	●	●	●	●	●	●	●	●	
					116										●	●	●	●	●	●	●	●	●	
					126										●	●	●	●	●	●	●	●	●	
					146										●	●	●	●	●	●	●	●	●	

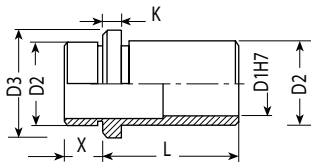
QR3



Bushing

D1	D2	D3	K	L = Length									
				36	46	56	66	76	86	96	106	116	126
32	40	45	7	●	●	●	●	●	●	●	●	●	●

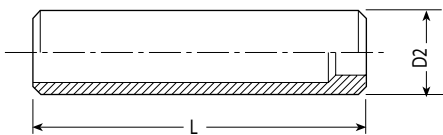
QR4



Bushing

D1	D2	D3	K	X	L = Length									
					36	46	56	66	76	86	96	106	116	126
32	40	45	7	10	●	●	●	●	●	●	●	●	●	●

QR5



Bushing

D2	L = Length									
	30	100	120	140	160	180				
40	●	●	●	●	●	●				



## Screw

QM

M	L = Length																								
	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	240	260
16	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

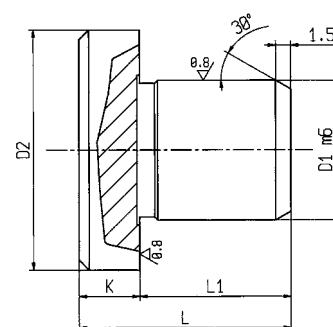


## Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

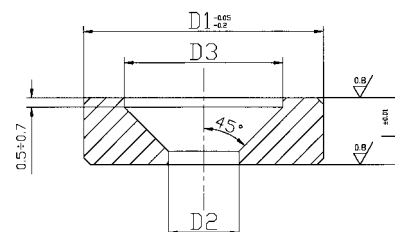


## Spacer disk

Mat.: UNI 16 Ni Cr 4

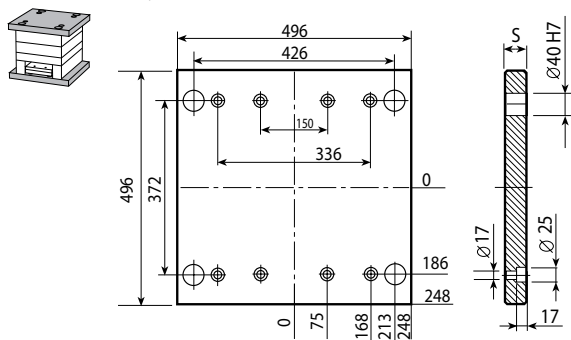
QA2

D1	D2	D3	L
20	5,3	11	5



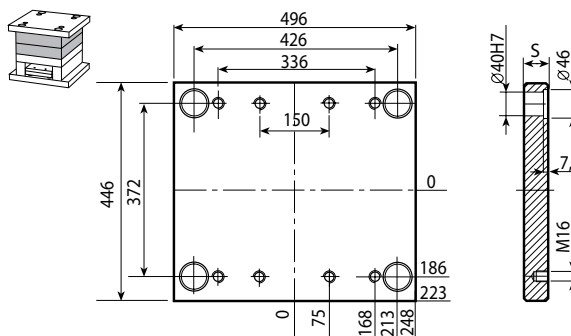


Q01



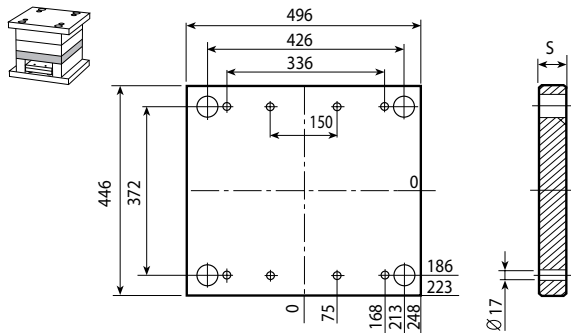
Mat.	S		
	22	26	36
1730		●	

Q10



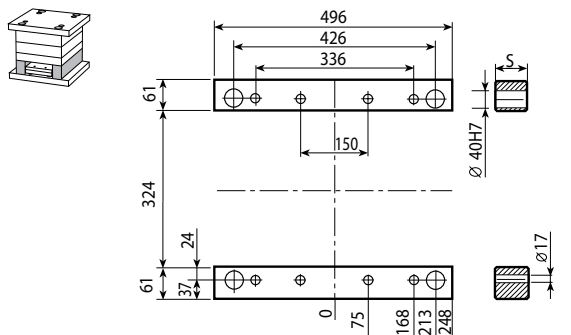
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●	●	●	●
Toolox 33		●	●	●	●	●	●	●	●

Q20



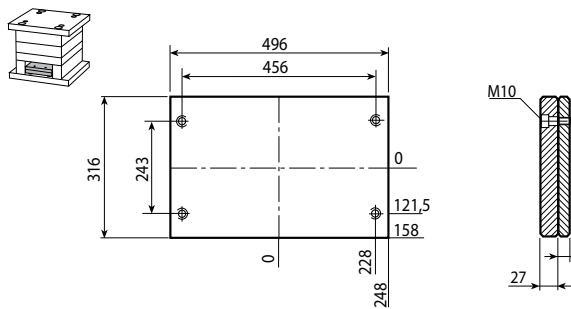
Mat.	S		
	26	36	46
1730			●

Q30



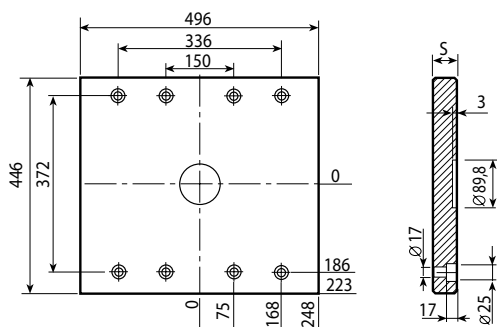
Mat.	S				
	57	77	97	117	147
1730			●	●	●

Q40 / Q50



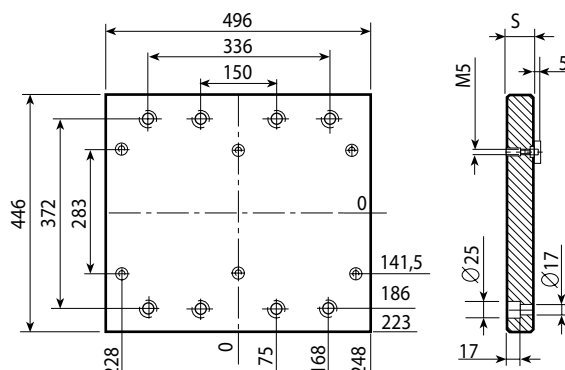


Q04



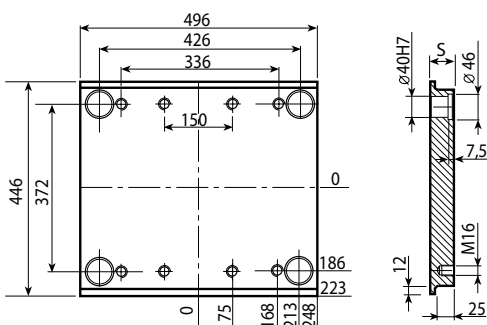
Mat.	S		
	22	26	36
1730		●	

Q03



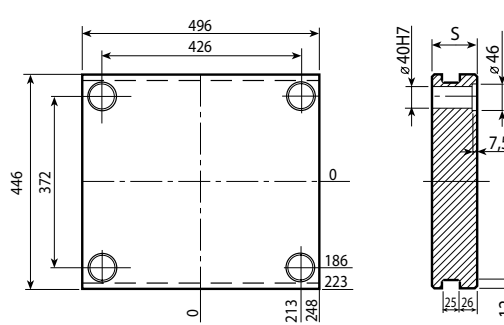
Mat.	S		
	22	26	36
1730		●	

Q1C



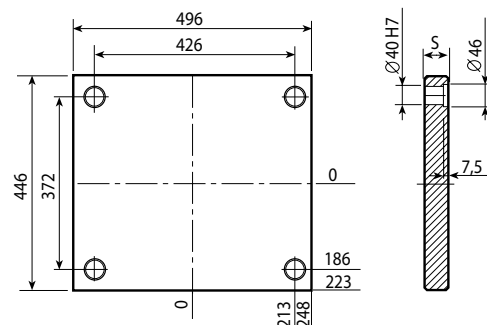
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●	●	●	●
Toolox 33		●	●	●	●	●	●	●	●

Q13



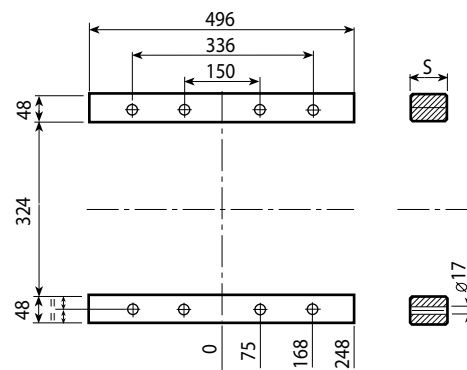
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730			●	●	●	●	●	●	●
Toolox 33			●	●	●	●	●	●	●

Q1T



Mat.	S								
	36	46	56	66	76	96	106	116	146
1730	●	●	●	●	●	●	●	●	●
Toolox 33	●	●	●	●	●	●	●	●	●

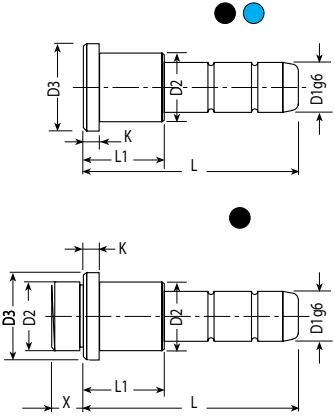
Q3G



Mat.	S				
	57	77	97	117	147
1730			●	●	●



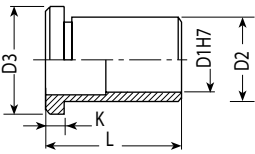
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																	
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340	
32	40	45	7	10	36						●												
					46						●	●	●										
					56						●	●	●	●	●	●	●						
					66							●	●	●	●	●	●	●	●				
					76							●	●	●	●	●	●	●	●	●			
					86								●	●	●	●	●	●	●	●			
					96								●	●	●	●	●	●	●	●	●	●	
					106									●	●	●	●	●	●	●	●	●	
					116										●	●	●	●	●	●	●	●	
					126										●	●	●	●	●	●	●	●	
					146											●	●	●	●	●	●	●	

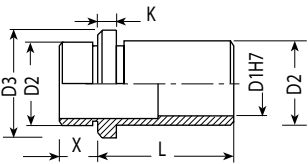
QR3



Bushing

D1	D2	D3	K	L = Length									
				36	46	56	66	76	86	96	106	116	126
32	40	45	7	●	●	●	●	●	●	●	●	●	●

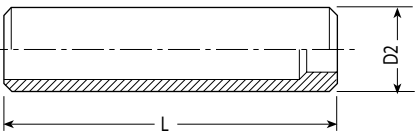
QR4



Bushing

D1	D2	D3	K	X	L = Length									
					36	46	56	66	76	86	96	106	116	126
32	40	45	7	10	●	●	●	●	●	●	●	●	●	●

QR5



Bushing

D2	L = Length									
	30	100	120	140	160	180				
40	●	●	●	●	●	●				

Screw

QM

M	L = Length																									
	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	240	260	
16	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

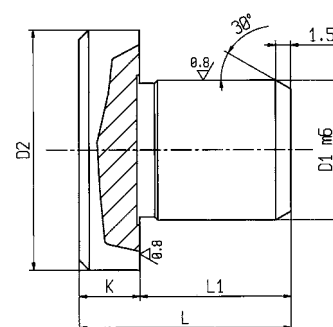


Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

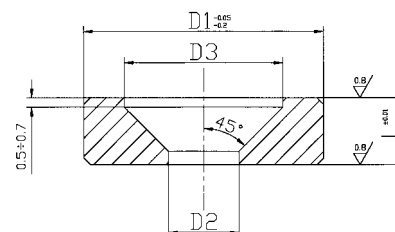


Spacer disk

Mat.: UNI 16 Ni Cr 4

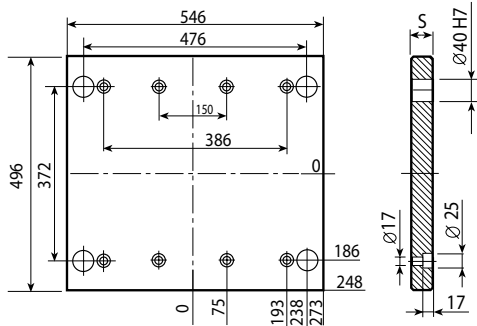
QA2

D1	D2	D3	L
20	5,3	11	5



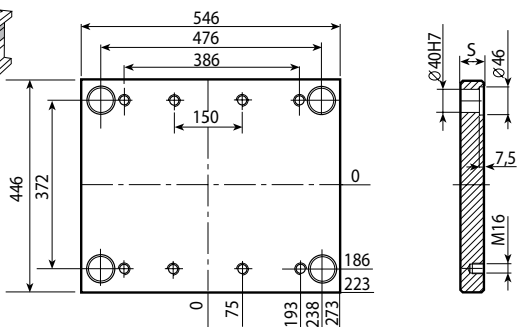


Q01



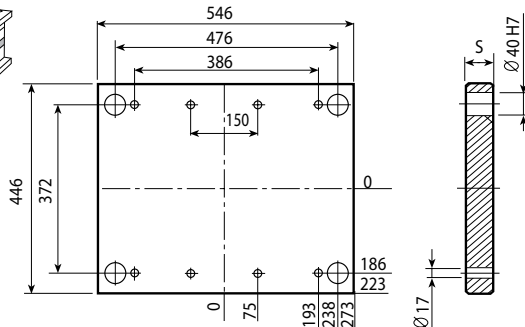
Mat.	S		
	22	26	36
1730		●	

Q10



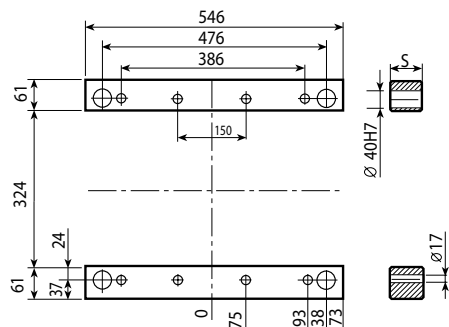
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●	●	●	●
Toolox 33		●	●	●	●	●	●	●	●

Q20



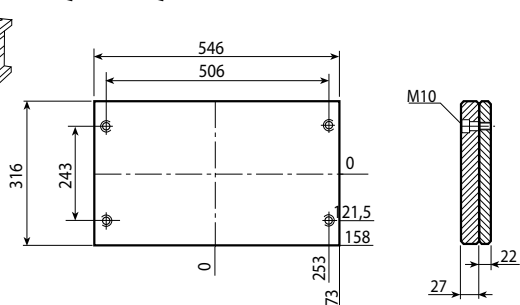
Mat.	S		
	26	36	46
1730			●

Q30



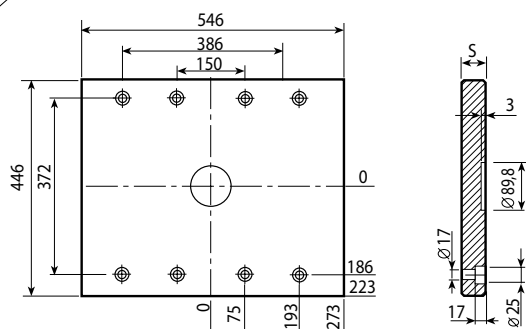
Mat.	S				
	57	77	97	117	147
1730			●	●	●

Q40 / Q50



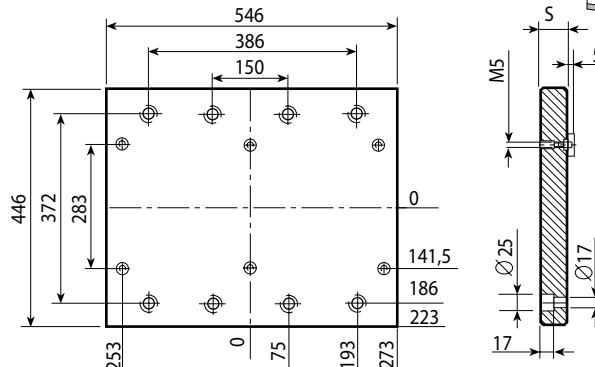


Q04



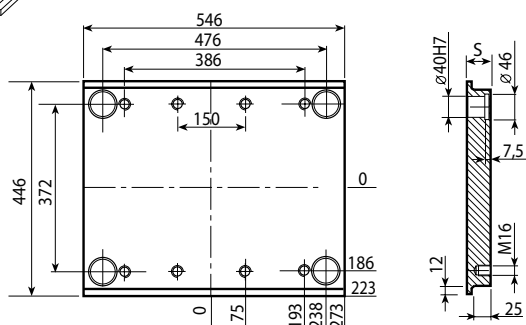
Mat.	S		
	22	26	36
1730		●	

Q03



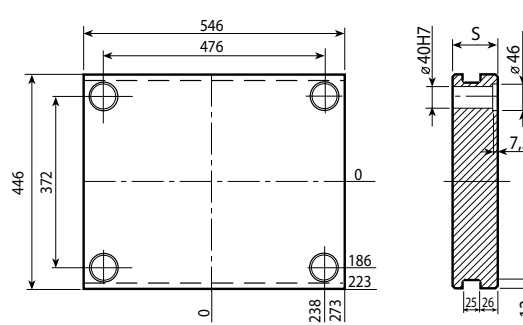
Mat.	S		
	22	26	36
1730		●	

Q1C



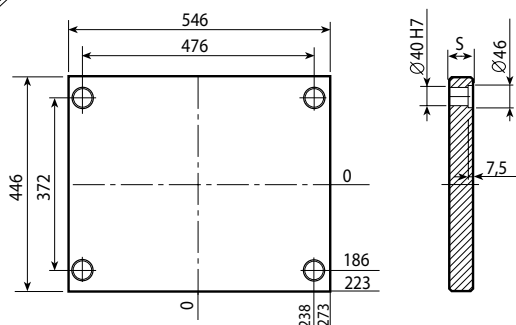
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●	●	●	●
Toolox 33		●	●	●	●	●	●	●	●

Q13



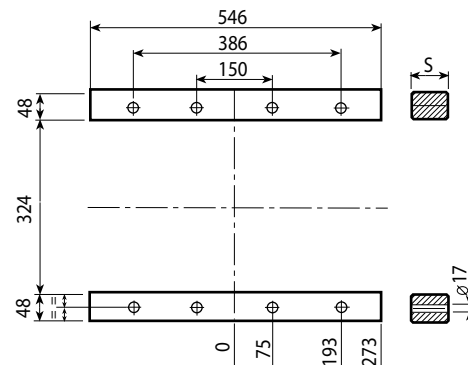
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730			●	●	●	●	●	●	●
Toolox 33			●	●	●	●	●	●	●

Q1T



Mat.	S								
	36	46	56	66	76	96	106	116	146
1730	●	●	●	●	●	●	●	●	●
Toolox 33	●	●	●	●	●	●	●	●	●

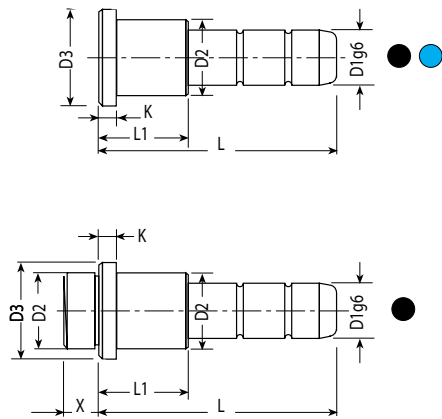
Q3G



Mat.	S				
	57	77	97	117	147
1730			●	●	●



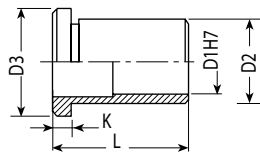
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																	
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340	
32	40	45	7	10	36						●												
					46						●	●	●	●									
					56						●	●	●	●	●	●	●	●					
					66							●	●	●	●	●	●	●	●	●			
					76							●	●	●	●	●	●	●	●	●	●		
					86								●	●	●	●	●	●	●	●	●		
					96									●	●	●	●	●	●	●	●	●	
					106										●	●	●	●	●	●	●	●	
					116											●	●	●	●	●	●	●	
					126												●	●	●	●	●	●	
					146													●	●	●	●	●	

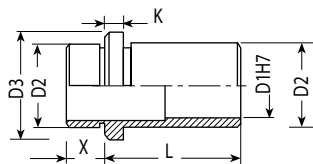
QR3



Bushing

D1	D2	D3	K	L = Length										
				36	46	56	66	76	86	96	106	116	126	146
32	40	45	7	●	●	●	●	●	●	●	●	●	●	●

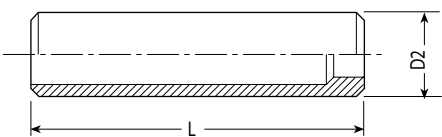
QR4



Bushing

D1	D2	D3	K	X	L = Length									
					36	46	56	66	76	86	96	106	116	126
32	40	45	7	10	●	●	●	●	●	●	●	●	●	●

QR5



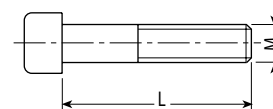
Bushing

D2	L = Length									
	30	100	120	140	160	180				
40	●	●	●	●	●	●				

Screw

QM

M	L = Length																									
	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	240	260	
16	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

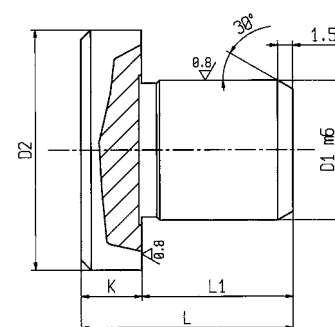


Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

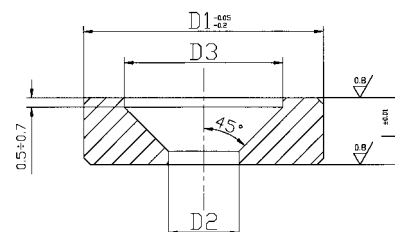


Spacer disk

Mat.: UNI 16 Ni Cr 4

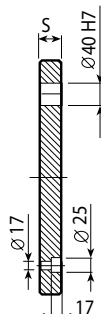
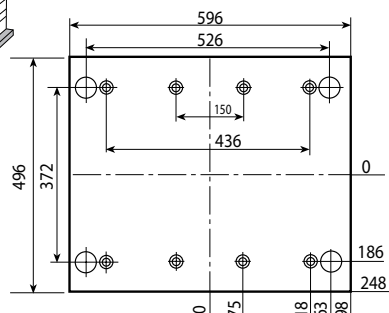
QA2

D1	D2	D3	L
20	5,3	11	5



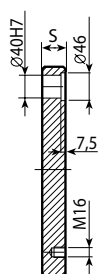
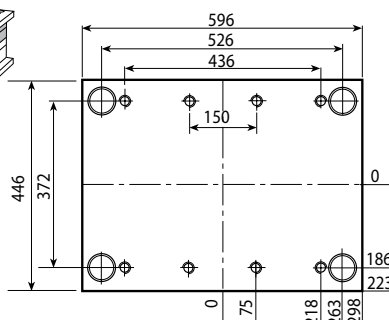


Q01



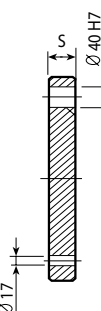
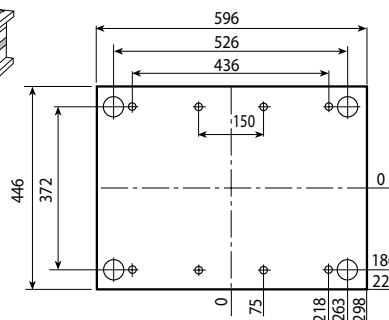
Mat.	S		
	22	26	36
1730		●	

Q10



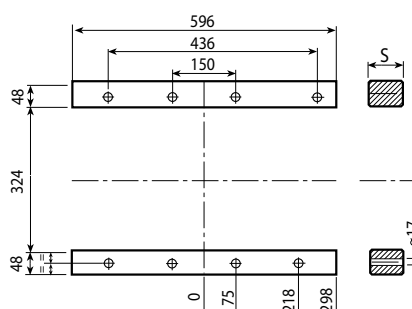
<b>Mat.</b>	<b>S</b>								
	<b>36</b>	<b>46</b>	<b>56</b>	<b>66</b>	<b>76</b>	<b>96</b>	<b>106</b>	<b>116</b>	<b>146</b>
1730		●	●	●	●	●	●	●	●
Toolox 33		●	●	●	●	●	●	●	●

Q20



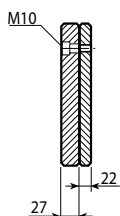
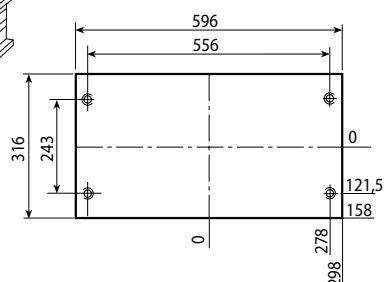
Mat.	S		
	26	36	46
1730			●

Q30



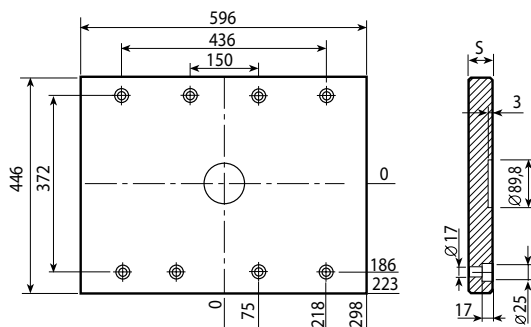
Mat.	S				
	57	77	97	117	147
1730			●	●	●

Q40 / Q50



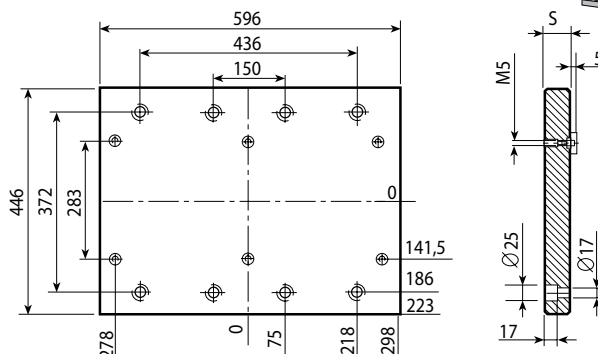


Q04



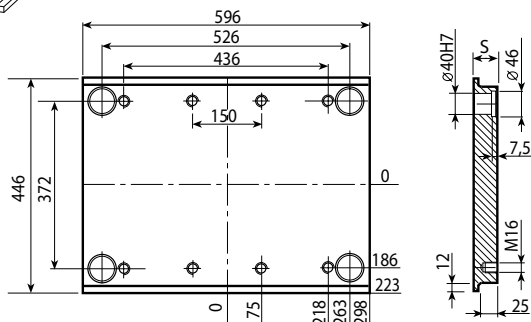
Mat.	S		
	22	26	36
1730		●	

Q03



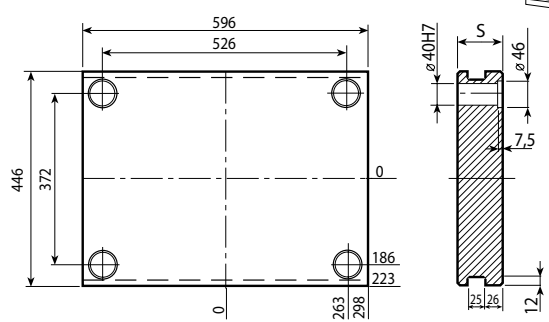
Mat.	S		
	22	26	36
1730		●	

Q1C



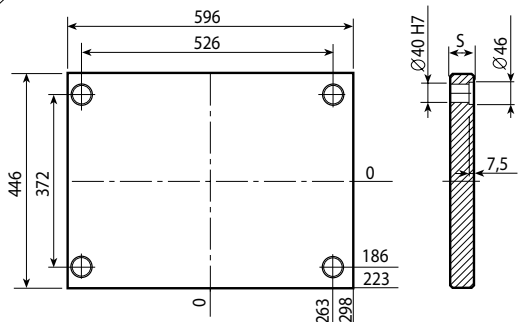
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730		●	●	●	●	●	●	●	●
Toolox 33		●	●	●	●	●	●	●	●

Q13



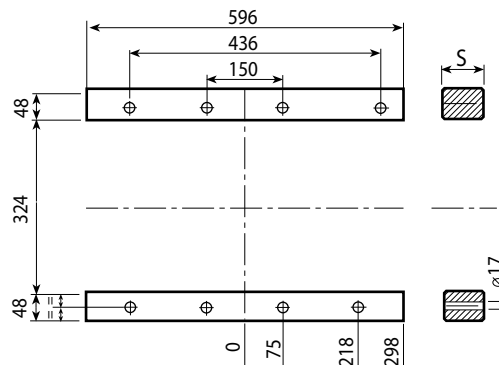
Mat.	S								
	36	46	56	66	76	96	106	116	146
1730			●	●	●	●	●	●	●
Toolox 33			●	●	●	●	●	●	●

Q1T



Mat.	S								
	36	46	56	66	76	96	106	116	146
1730	●	●	●	●	●	●	●	●	●
Toolox 33	●	●	●	●	●	●	●	●	●

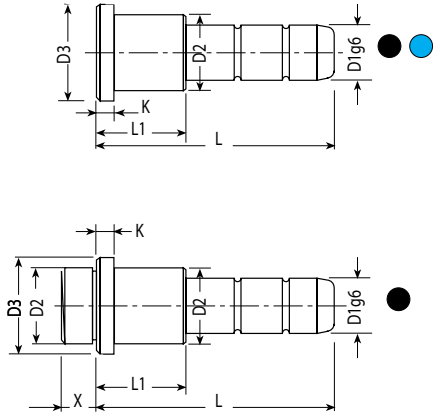
Q3G



Mat.	S				
	57	77	97	117	147
1730			●	●	●



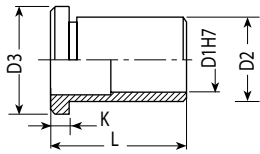
QR1 / QR2



Leader pins

D1	D2	D3	K	X	L1	L = Length																		
						50	60	70	80	90	100	120	140	160	180	200	220	240	260	280	300	340		
32	40	45	7	10	36						●													
					46						●	●	●	●										
					56							●	●	●	●	●	●	●						
					66								●	●	●	●	●	●	●	●				
					76									●	●	●	●	●	●	●	●			
					86										●	●	●	●	●	●	●	●		
					96											●	●	●	●	●	●	●	●	
					106												●	●	●	●	●	●	●	
					116													●	●	●	●	●	●	●
					126														●	●	●	●	●	●
					146															●	●	●	●	●

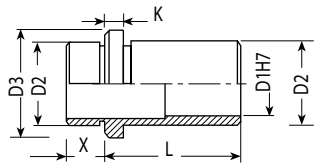
QR3



Bushing

D1	D2	D3	K	L = Length										
				36	46	56	66	76	86	96	106	116	126	146
32	40	45	7	●	●	●	●	●	●	●	●	●	●	●

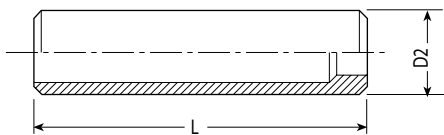
QR4



Bushing

D1	D2	D3	K	X	L = Length									
					36	46	56	66	76	86	96	106	116	126
32	40	45	7	10	●	●	●	●	●	●	●	●	●	●

QR5



Bushing

D2	L = Length									
	30	100	120	140	160	180				
40	●	●	●	●	●	●				

Screw

QM

M	L = Length																									
	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	240	260	
16	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

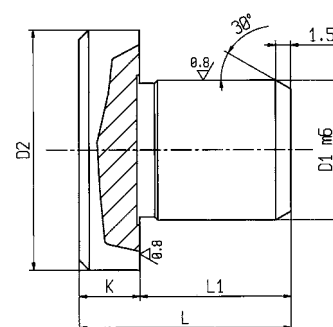


Stop pin

Mat.: UNI 16 Ni Cr 4

QA1

D1	D2	K	L1	L
8	18	5	16	21
14	24	6	15	21

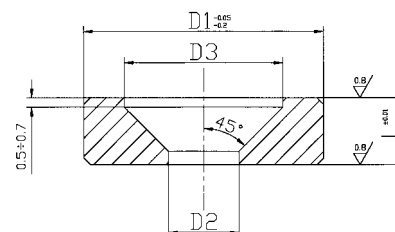


Spacer disk

Mat.: UNI 16 Ni Cr 4

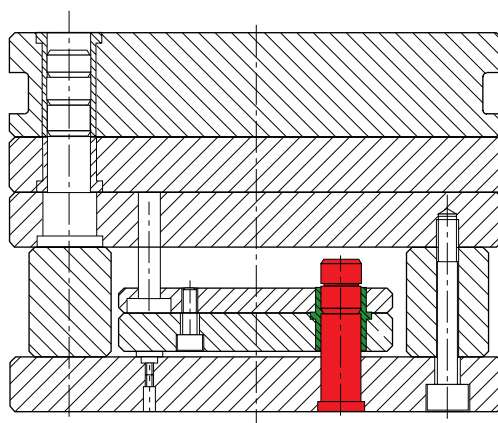
QA2

D1	D2	D3	L
20	5,3	11	5



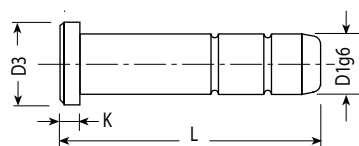
Info

## Guided Ejection



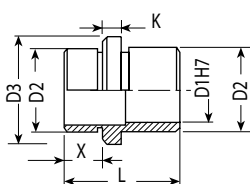
QEP

Leader pin

[illegible]

## QEB

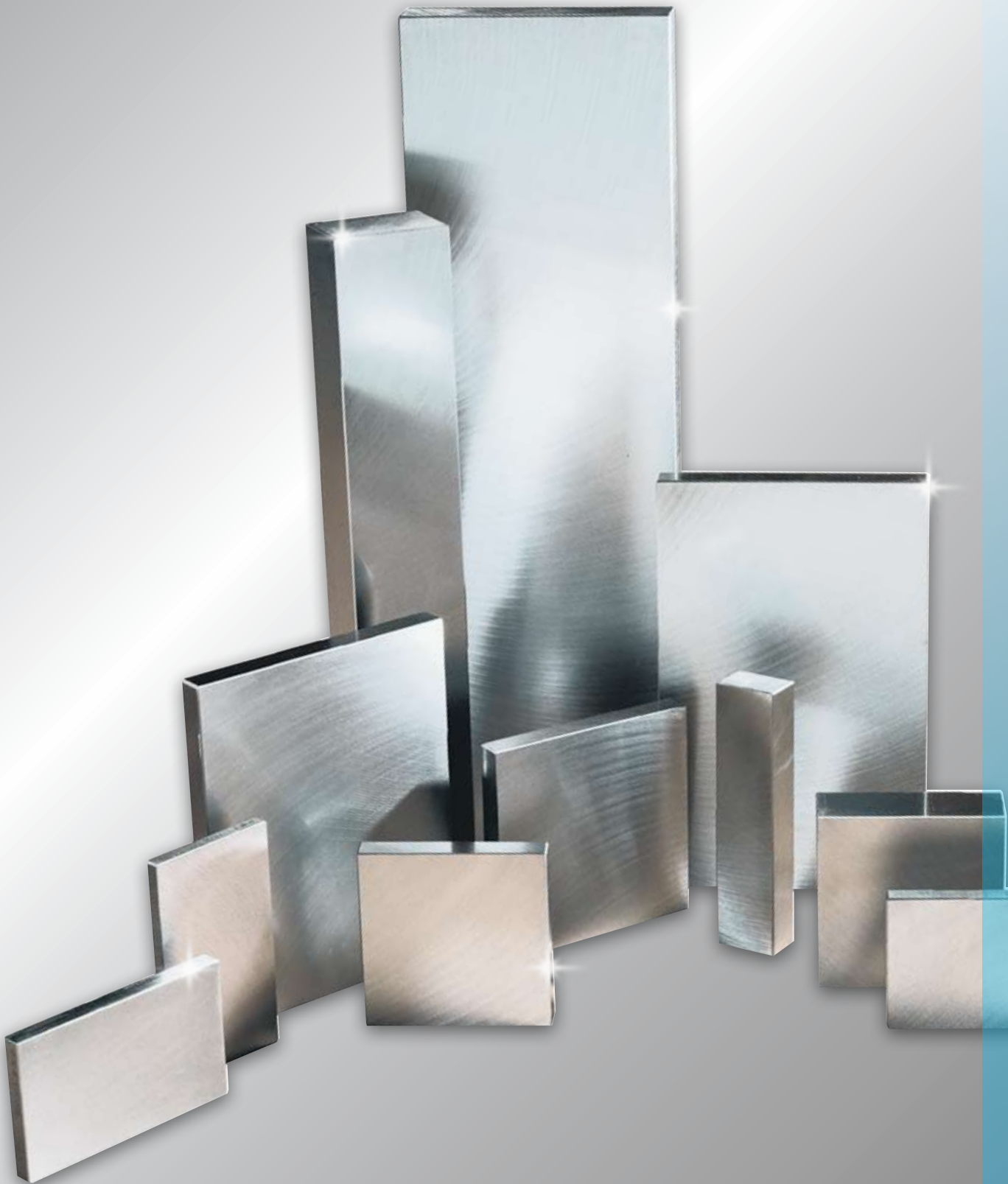
## Bushing



W	D1	D2	D3	K	X	L
156 - 196	14	20	24	5	11	32
					16	40
246	16	22	26	5	11	32
					16	40
296 - 346	20	28	32	6	10	32
					16	40
396 - 446	25	34	38	7	9	32
					16	40



*Every step of the way*



a Milacron Company

[www.dme.net](http://www.dme.net)

P-plates



Info

P Series - Standard

Y x X	Z										
	022	026	036	046	056	066	076	096	106	116	146
156 x 156	■●	■●	■●	■●	■●	■●	■●				
156 x 196	■●	■●	■●	■●	■●	■●	■●				
156 x 246	■●	■●	■●	■●	■●	■●	■●				
196 x 196	■●	■●	■●	■●	■●	■●	■●	■●			
196 x 246	■●	■●	■●	■●	■●	■●	■●	■●			
196 x 296	■●	■●	■●	■●	■●	■●	■●	■●			
196 x 346	■●	■●	■●	■●	■●	■●	■●	■●			
246 x 246		■●	■●	■●	■●	■●	■●	■●			
246 x 296		■●	■●	■●	■●	■●	■●	■●			
246 x 346		■●	■●	■●	■●	■●	■●	■●			
246 x 396		■●	■●	■●	■●	■●	■●	■●			
296 x 296		■●	■●	■●	■●	■●	■●	■●		■●	
296 x 346		■●	■●	■●	■●	■●	■●	■●		■●	
296 x 396		■●	■●	■●	■●	■●	■●	■●		■●	
296 x 446		■●	■●	■●	■●	■●	■●	■●		■●	
346 x 346		■●	■●	■●	■●	■●	■●	■●		■●	
346 x 396		■●	■●	■●	■●	■●	■●	■●		■●	
346 x 446		■●	■●	■●	■●	■●	■●	■●		■●	
346 x 496		■●	■●	■●	■●	■●	■●	■●		■●	
396 x 396		■●	■●	■●	■●	■●	■●	■●	■●	■●	■●
396 x 446		■●	■●	■●	■●	■●	■●	■●	■●	■●	■●
396 x 496		■●	■●	■●	■●	■●	■●	■●	■●	■●	■●
396 x 546		■●	■●	■●	■●	■●	■●	■●	■●	■●	■●
446 x 446		■●	■●	■●	■●	■●	■●	■●	■●	■●	■●
446 x 496		■●	■●	■●	■●	■●	■●	■●	■●	■●	■●
446 x 546		■●	■●	■●	■●	■●	■●	■●	■●	■●	■●
446 x 596		■●	■●	■●	■●	■●	■●	■●	■●	■●	■●

- 1.1730
- Toolox 33

### Toolox 33

TOOLOX 33 is a new steel delivered quenched and tempered with high impact toughness and very low residual stresses to get good dimensional stability.

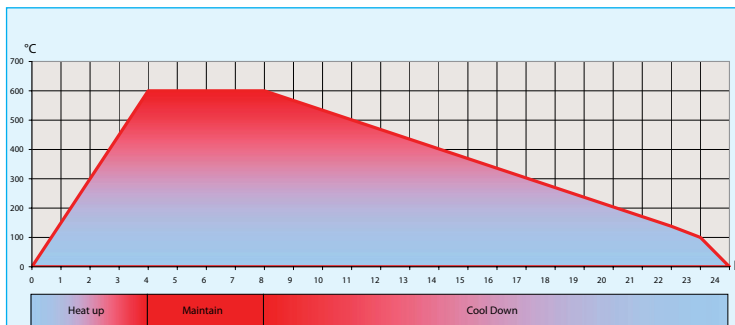
TOOLOX 33 has a low carbide content, and is therefore excellent to machine.

TOOLOX 33 is suitable for plastic molding, for rubber molding and machine components. With proper surface treatment, the service life of the tool/component can be prolonged.

More info see [www.toolox.com](http://www.toolox.com)

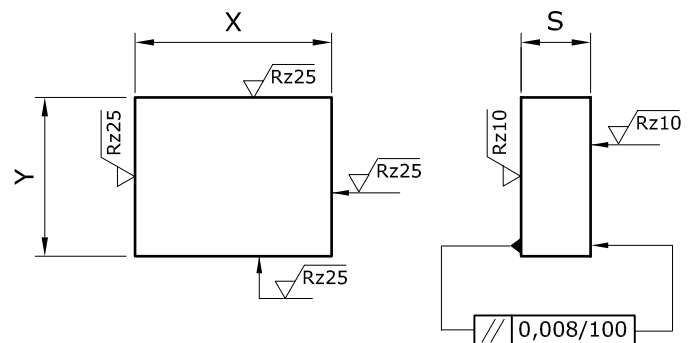


### Stress relieved steel



### Table of standard dimensions

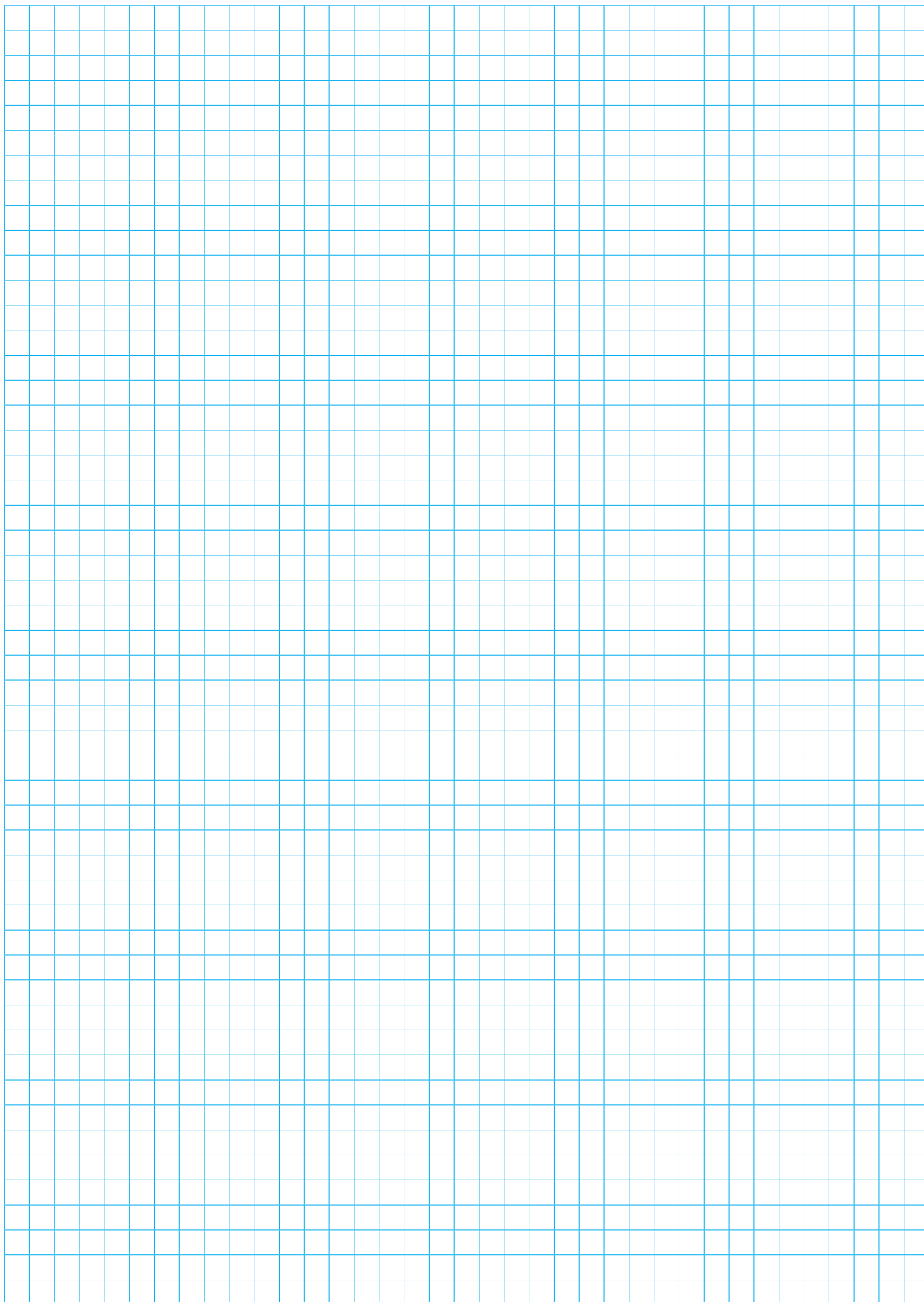
P		
X	Y	S
+0,8 +0,6	+0,8 +0,6	+0,25 +0,15



Y x X	156	196	246	296	346	396	446	496	546	596
156	●	●	●							
196		●	●	●	●					
246			●	●	●	●				
296				●	●	●	●			
346					●	●	●	●		
396						●	●	●	●	
446							●	●	●	●

● In stock





## GENERAL CONDITIONS OF SALE D-M-E EUROPE C.V.B.A.

### 1. CONCLUSION OF CONTRACT - APPLICATION

The contract is validly entered into and the order is accepted after written confirmation by seller. These sales conditions apply to the exclusion of any other terms or conditions, unless expressly accepted in writing beforehand by the vendor.

Seller has 30 (thirty) days since the reception of the order to accept or to refuse it. During this period, buyer shall not withdraw his order.

Absence of any written confirmation of the order shall only be interpreted as being an implicit acceptance in case of performance of the order by seller.

### 2. PAYMENT

Unless otherwise agreed in writing, invoices are payable in the stated currency within 30 (thirty) days after invoice date to the bank designated by seller. Transfer charges are for account of buyer.

If buyer does not pay within this term, seller shall automatically have ipso jure and without any prior formal notice, the right to charge legal interest plus 2 % from due date of the invoice. Moreover, in case of late payment, a fixed indemnity corresponding to 10 % of the payable amount shall automatically be due from the first day following the due date, without prejudice to seller's right to prove higher damage and ask for corresponding indemnity. Should payment be in foreign currency, seller has the right to adapt the foreign currency in case of depreciation of this foreign currency in regard of the euro.

Should payment of the delivered goods be in instalments, the non-payment of one of the instalments gives seller the right to terminate the contract. The payments, which were done until then, shall remain property of seller as indemnity, without prejudice to the right to claim further damages or to the right to require the performance of the contract.

Payment of advance shall not give buyer the right to terminate the contract upon reimbursement of the paid advance. If payment is done by bill of exchange or check, payment is deemed satisfied only when the bill of exchange or the check is honoured.

Place of payment is always Mechelen even if payment is done with bill of exchange.

### 3. RETENTION OF TITLE

Delivered goods remain property of seller until full payment has been received by seller. The sale of an unpaid item by buyer to a third party results in automatic assignment of the debt due by the third party to buyer, inclusively the retention of title, to seller. Seller has then the authority to take any necessary means in order to validly assign towards the third party. Seller may retake unpaid goods at any time and he may inform any client and/or any subcontractor of buyer about the fact that seller is and remains the only owner of the concerned goods until full payment.

The purchaser undertakes to carefully keep the goods that have not been paid for, and undertakes not to pledge them or use them in any other way as a guarantee or security. The purchaser shall inform third parties who may apply any security rights over his assets (such as, but not limited to, the lessor of the premises occupied by the purchaser) that the products are and shall remain the property of the vendor until full payment of all sums owed by the purchaser to the vendor, and in the event of an attachment or other measures taken by third parties that apply to products for which full payment has not yet been made the purchaser undertakes to immediately inform the vendor of this to enable him to apply his rights.

### 4. RISKS

Notwithstanding the preceding provisions, the risk transfers to buyer as soon as he has the goods at his disposal.

### 5. DISPATCHING OF INSIGNIFICANT VALUE

Each dispatch of less than € 50 will be increased with costs of payments and may, at sellers option, be sent cash on delivery (COD).

### 6. PRICE OFFERS AND PRICE LISTS

Price offers and price lists are without obligation and are subject to change without any previous notice.

Any information released by seller is delivered in good faith and seller shall not be responsible for the choice of material and goods.

### 7. PRICE AND DISPATCHING

All prices are ex works. Transportation, duties and taxes for account of buyer, unless seller's previous and express written specification to the contrary. Seller shall send goods by the fastest and most economic way at the risks of buyer. Goods may be insured by seller at buyer's option, the insurance premiums are for buyer. Seller is not responsible for the choice of packing.

### 8. DELIVERY

Date of delivery is the date when the goods are ready for inspection at the indicated place. Place of origin is Mechelen, Belgium, or any other place indicated by seller. Seller is not responsible for any late delivery, except those delays due to his own fault or gross negligence.

### 9. RETURNING OF GOODS

No goods can be returned without seller's previous, express and written consent. If buyer commits an error in ordering, the retaking of goods is possible only for inventory standard items. Goods must be returned within 15 (fifteen) days after invoice date and all goods must be in original conditions, all costs of transport are for buyer, as well as insurance and repacking costs. Special-order goods, marked or used items are non-returnable.

### 10. DEFECTS

Seller warrants defects in material and/or workmanship. Warranty is limited to the replacement or repair, at seller's option, of any merchandise found defective during 1 month. This warranty does not include defects due to buyer's fault or to abnormal use, bad maintenance, imperfect installation, buyer's inadequate repair, unforeseeable circumstances or in case changes were brought to material without previous and express written approval of seller.

Notice of conspicuous defects must be given to seller by registered letter sent within 10 (ten) working days following date of delivery.

Notice of hidden defects must be given to seller by registered letter with in 10 (ten) working days after date of discovery, and in any case, within a 10-month term following date of delivery.

Seller is not responsible for any damage and in particular salary and material costs, losses, loss of profit or loss of a chance incurred by buyer, unless it is demonstrated that defect is due to seller's gross or intentional fault. If seller is responsible for defect, seller has the right either to terminate the contract and to pay back all the invoiced prices or to replace the delivered product within a reasonable term. If goods for repair must be transported, costs and risks of this transport are for buyer.

In case seller is responsible for any damage, this will be limited to the foreseeable damage with a maximum amount corresponding to the amount of the product's invoiced price.

Should a third party lodge a claim against seller to obtain payment of an indemnity for a damage for which seller is not responsible in accordance with the present conditions or for a higher amount than the one seller is responsible for, buyer will warrant seller against those claims.

### 11. DESCRIPTION

Only product descriptions used in seller's latest literature and correspondence with buyer, are binding for description of goods.

Buyer is responsible for using items in conformity with all regulations, including but not limited to, the safety regulations in force at the place of use.

### 12. SPECIFIC ORDERS

For the performance of a special work, the project signed by buyer is binding to the extent it has been accepted by seller.

For the performance of such work, special conditions may be required. In case of any inconsistency between general conditions and special conditions, the special conditions shall apply. Should special conditions be unclear, they shall be interpreted in light of the general conditions.

### 13. ACT OF GOD

Seller shall not pay any damage for non-performance or late performance of his undertakings due to Act of God. Act of God includes in particular and without being limited thereto, strike, lock-out, and the non-performance by seller's suppliers of their undertakings.

### 14. VALIDITY AND INDIVIDUAL CLAUSES

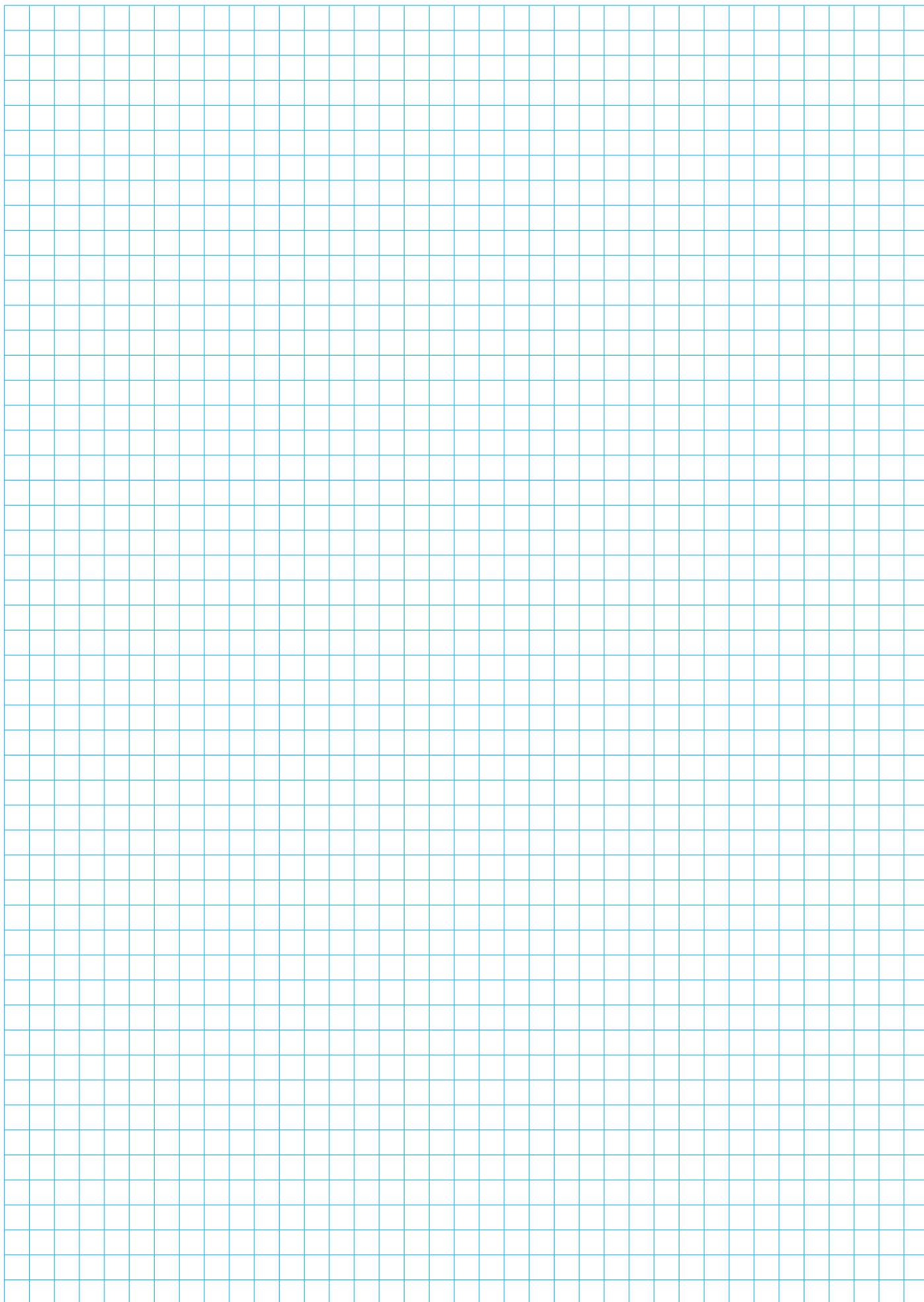
If one or more provisions of these present general conditions are held to be invalid, the remaining provisions will continue to be valid and enforceable, and parties will agree upon other provisions having an economic effect that corresponds closest to the economic effect of the invalid provision(s).

### 15. WAIVER

In case seller does not exercise one of his rights in accordance with the present conditions, this shall not be interpreted as a waiver of these rights.

### 16. APPLICABLE LAW – COMPETENT COURTS

This sales contract will be governed by Belgian law. The competent court is the Commercial Court of Mechelen, without prejudice to seller's right to introduce the case before another competent court.









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