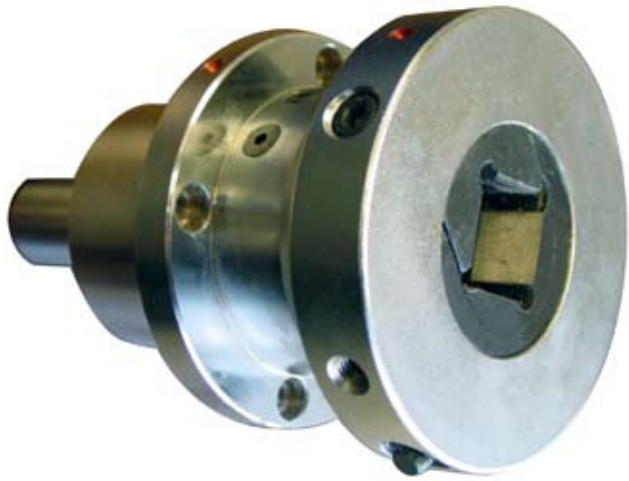




*Superior Performance
and Durability*

Double E Company Safety Chucks Catalog

*Easy, Affordable Replacements
for Existing Safety Chucks*



*Better Design,
Higher Quality for
New Applications*



DOUBLE E COMPANY, INC.

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Revision Date
August 2011

Introduction

The Double E Company, the world's leading supplier of advanced web handling equipment to the paper, film, and foil converting industries, offers a complete line of safety chucks. Double E safety chucks feature a sliding jaw design that is safer and more efficient than tilting designs. Double E safety chucks can easily replace existing chucks at a lower purchase price and enhance worker safety while increasing productivity. In addition to up front savings, Double E safety chucks also offer jaws that can be replaced at a fraction of the cost of purchasing a new chuck. This feature dramatically reduces cost of ownership in the long run and facilitates operational changes that require multiple shaft/journal configurations.

Double E's sliding safety chuck models utilize a patented push-button release mechanism to ensure worker safety, shaft stability, and effortless disengagement. Double E safety chucks can be ordered as either flange-mounted or pedestal-mounted, fixed or with sidelay adjustment. Chucks can be supplied with square, diamond, triangular, or circular engagement depending on customer specifications and application.

Important features of the Double E Safety Chucks include:

- Jaw design compensates for shaft deflection; chuck does not bind.
- Sliding action significantly reduces possibility of finger jamming.
- Patented push-button design ensures roll security and operator safety.
- Patented circular engagement allows high torque while reducing noise and vibration.
- Removable jaws extend chuck life; easy and inexpensive to replace.
- Easy cross-references and retrofits for replacing existing safety chucks.

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Double E Safety Chuck Naming System

Most technical features of Double E's safety chucks can be recognized from their alphanumeric abbreviations. The following guidelines will help describe the appropriate chuck for an application.

Part I: Prefix

Air Operated and Special Models can be recognized by their prefixes. These codes will come before the standard product abbreviation. It is possible to combine more than one of these options.

AP = Air Operated (pneumatic)

B = Boschert Equivalent (flange mount only)

AC = Head Opening Detection (a pin runs through the chuck)

AT = Air Through (air line runs through the chuck to the shaft)

Part II: Load and Model

The safety chuck's **Maximum Load** is indicated by a two letter code. Maximum load for sidelay adjusted chucks differs from the standard values shown below. Maximum load for sidelay adjusted chucks can be found on the drawing pages in this catalog.

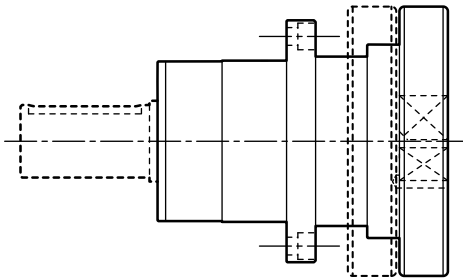
SL = up to 656 lbs (2920 N)

SM = up to 1618 lbs (7200 N)

SP = up to 3147 lbs (14,000 N)

SU = up to 5845 lbs (26,000 N)

NOTE: It is sometimes necessary to consider additional variables with the maximum load (such as shaft length and deflection) when selecting the best chuck for an application.



Model Number is indicated by a three digit number immediately following the maximum load designation. You may occasionally see a two digit model number on older, tilting safety chucks already in place.

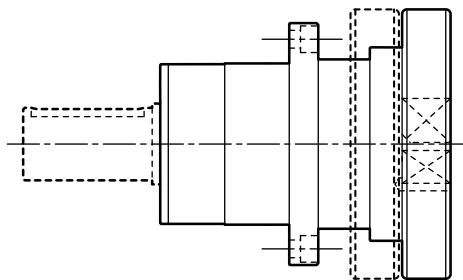
Sliding Safety Chucks

100, 200 = Sliding safety chuck, fixed

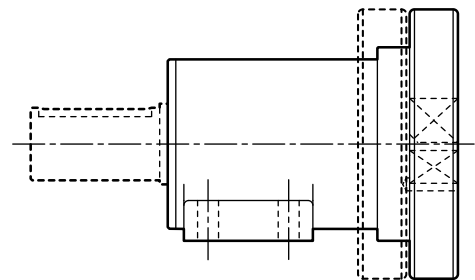
500 = Sliding safety chuck, sidelay adjusted

Part III: Mounting Style and Drive

Mounting Style is indicated by either an **F** (flange mounted) or a **P** (pedestal mounted).



F = Flange mounted



P = Pedestal (Foot) Mounted

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Motion Transmission

- 0** = Idle (without any shaft extension for motion transmission) for fixed models
- 1** = Motorized (with shaft extension for motion transmission) for fixed and sidelay models
- 2** = Idle (with adjustment handwheel) for sidelay adjusted models
- S** = Motorized (with splined shaft extension for motion transmission) for fixed and sidelay models

Part IV: Jaw Type and Size

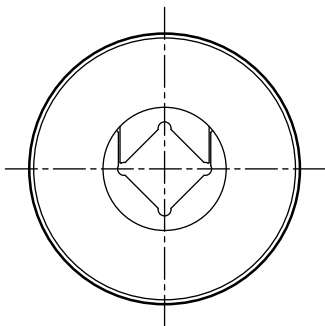
Interchangeable Jaw Option

I = Interchangeable jaws that can be disassembled from the safety chuck's central shaft.

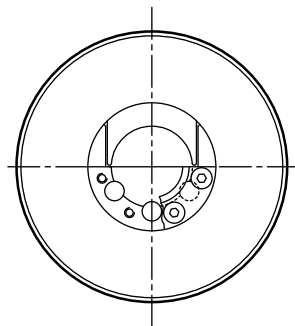
The interchangeable jaws option prolongs the useful life of the safety chuck. Rather than replacing the entire safety chuck, it is quick and inexpensive to replace only the jaw inserts.

NOTE: All chucks can be ordered with fixed jaws or with the interchangeable jaw inserts. The interchangeable jaws provide the option of using more than one journal type with a single set of safety chucks.

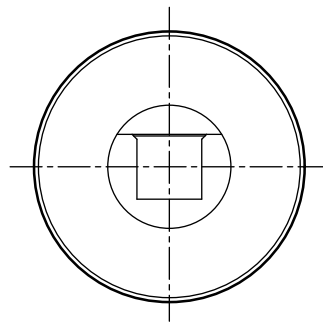
Engagement Type is shown by a single letter representing the shape of the jaws. The **V** and **O** types are standard models. The **U** and **T** types are available only by special order.



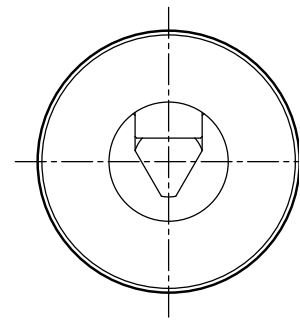
V = Rhombus (square turned 45°), V shape



O = Circular (only available with interchangeable jaws)



U = Square, U shape (special order)



TC = Triangular (special order)

NOTE: Circular jaws are only available with the interchangeable jaws option. They will always be designated as "IO."

Jaw Size is given as a range value on the catalog pages to determine the size of the safety chuck. When specifying the safety chuck's jaw size on an order, it is necessary to specify a measurement in inches or mm (e.g. 35mm and 1.5 in [38.1mm] would be actual jaw sizes for the 30-40 range).

30-40 etc. = Minimum and Maximum jaw size

NOTE: The maximum transmissible torque shown on the drawings is for a chuck at the upper limit of the size range (e.g. 40mm in the 30-40 jaw size range). If the customer has specific torque needs, please note this on the order.

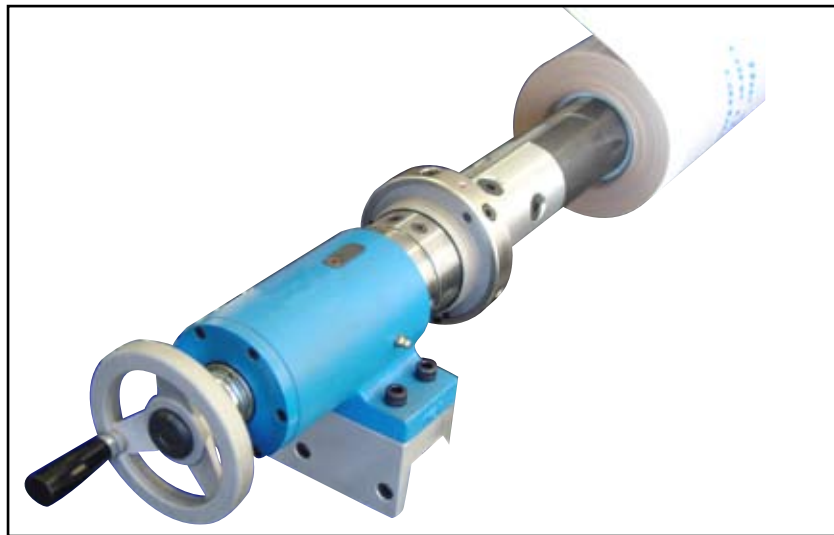
Part V: Sidelay Adjustment Options

Sidelay Adjustment describes the axial travel of the chuck to align the roll on the machine accurately. The sidelay adjustment features a horizontal range of 2" or 4". There is also a fixed driveshaft option. The sidelay adjustment can be combined with a rotary table to allow alignment in two dimensions. Boschert and other companies may refer to Sidelay Adjustment as Sliding Adjustment.

C50 = 50mm (~2") Sidelay Adjustment

C100 = 100mm (~4") Sidelay Adjustment

There are also two wheel options for the Sidelay Adjustment. The default wheel for the SL series is the hand wheel, while the default wheel for the SM and SP series is the cross-hand wheel (see **page 21** of this manual).



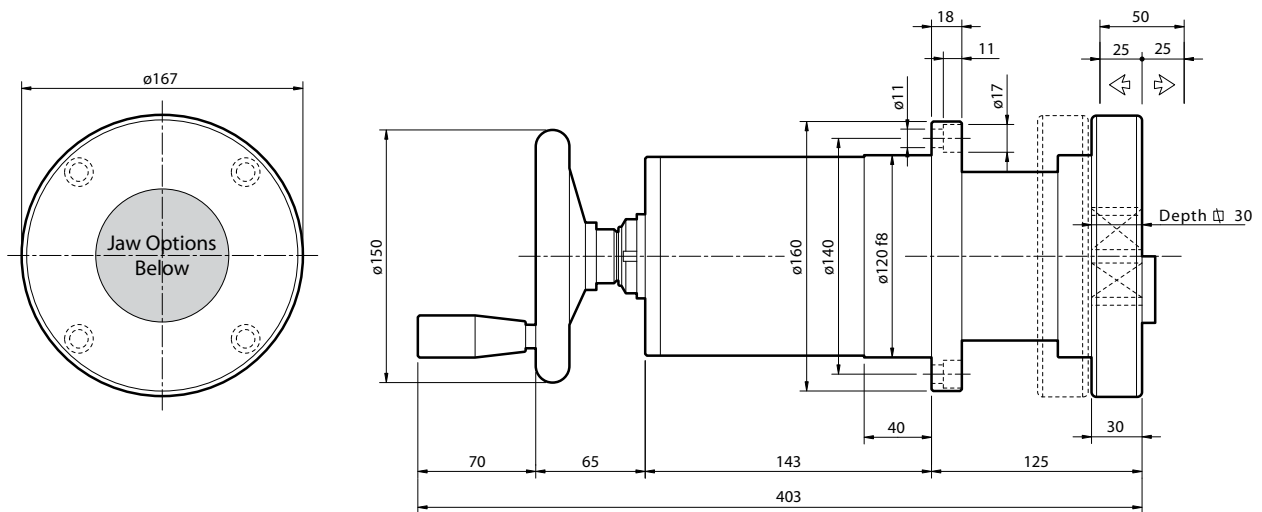
A Safety Chuck with Sidelay Adjustment

Sample Order

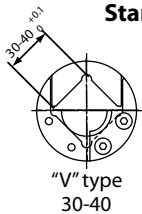
When placing an order, please provide the complete safety chuck abbreviation; this will enable you to identify the ordered safety chuck clearly. The following example illustrates a completed safety



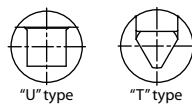
31



Standard Jaw Options



Special Order



Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

Model: **SM500/F2/IV30/C50**

Max. Load per Safety Chuck = **1619 lbs.** (7200 N)

- SM)** Safety chuck able to carry up to 1,619 lb-f (7,200 N) load.
- 500)** Sliding type safety chuck, sidelay adjusted.
- F)** Flange-mounting.
- 2)** Motion transmission: idle, with handwheel
- I)** Jaw Type: Inserts
- V)** Jaw shape: "V" TYPE (SQUARE TURNED 45° JAW)
- 30)** Requested jaw size: 30x30 mm.
- C50)** Sidelay adjustment: 50 mm.

Index of Standard Safety Chuck Models

Fixed Sliding Safety Chucks			
Model Number	Maximum Load (lbs) (per safety chuck)	Maximum Load (N) (per safety chuck)	Drawing Reference Number
SL100/F0	787	3,500	1
SL100/F1	787	3,500	2
SL100/P0	787	3,500	3
SL100/P1	787	3,500	4
SM100/F0	1,619	7,200	5
SM100/F1	1,619	7,200	6
SM100/P0	1,619	7,200	7
SM100/P1	1,619	7,200	8
SP11/F0	1,586	7,056	9
SP11/F1	1,586	7,056	10
SP11/P0	1,586	7,056	11
SP11/P1	1,586	7,056	12
SP100/F0	3,147	14,000	13
SP100/F1	3,147	14,000	14
SP100/P0	3,147	14,000	15
SP100/P1	3,147	14,000	16
SU100/F0	5,620	25,000	17
SU100/F1	5,620	25,000	18
SU100/P0	5,620	25,000	19
SU100/P1	5,620	25,000	20
SU200/P0	22,481	100,000	21
SU200/P1	22,481	100,000	22

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Sidelay Adjusted Sliding Safety Chucks			
Model Number	Maximum Load (lbs) (per safety chuck)	Maximum Load (N) (per safety chuck)	Drawing Reference Number
SL500/F2/.../C50	787	3,500	23
SL500/F1/.../C50	787	3,500	24
SL500/F2/.../C100	674	3,000	25
SL500/F1/.../C100	674	3,000	26
SL500/P2/.../C50	787	3,500	27
SL500/P1/.../C50	787	3,500	28
SL500/P2/.../C100	674	3,000	29
SL500/P1/.../C100	674	3,000	30
SM500/F2/.../C50	1,619	7,200	31
SM500/F1/.../C50	1,619	7,200	32
SM500/F2/.../C100	1,124	5,000	33
SM500/F1/.../C100	1,124	5,000	34
SM500/P2/.../C50	1,619	7,200	35
SM500/P1/.../C50	1,619	7,200	36
SM500/P2/.../C100	1,124	5,000	37
SM500/P1/.../C100	1,124	5,000	38
SP500/F2/.../C50	3,147	14,000	39
SP500/F1/.../C50	3,147	14,000	40
SP500/F2/.../C100	2,248	10,000	41
SP500/F1/.../C100	2,248	10,000	42
SP500/P2/.../C50	3,147	14,000	43
SP500/P1/.../C50	3,147	14,000	44
SP500/P2/.../C100	2,248	10,000	45
SP500/P1/.../C100	2,248	10,000	46

Sidelay Adjusted Safety Chucks with Splined Shaft Extension			
Model Number	Maximum Load (lbs) (per safety chuck)	Maximum Load (N) (per safety chuck)	Drawing Reference Number
SL500/FS/.../C50	787	3,500	47
SL500/PS/.../C50	787	3,500	48
SM500/FS/.../C50	1,618	7,200	49
SM500/PS/.../C50	1,618	7,200	50
SP500/FS/.../C50	3,147	14,000	51
SP500/PS/.../C50	3,147	14,000	52
SP500/FS/.../C100	2,248	10,000	53
Pneumatically Operated Safety Chucks			
Model Number	Maximum Load (lbs) (per safety chuck)	Maximum Load (N) (per safety chuck)	Drawing Reference Number
AP/SL100/F0	787	3,500	54
AP/SL100/F1	787	3,500	55
AP/SL100/P0	787	3,500	56
AP/SL100/P1	787	3,500	57
AP/SM100/F0	1,619	7,200	58
AP/SM100/F1	1,619	7,200	59
AP/SM100/P0	1,619	7,200	60
AP/SM100/P1	1,619	7,200	61
AP/SP100/F0	3,147	14,000	62
AP/SP100/F1	3,147	14,000	63
AP/SP100/P0	3,147	14,000	64
AP/SP100/P1	3,147	14,000	65

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Boschert Equivalent Safety Chucks			
Model Number	Maximum Load (lbs) (per safety chuck)	Maximum Load (N) (per safety chuck)	Drawing Reference Number
B/SL100/F0	450	2,000	66
B/SL100/F1	450	2,000	67
B/SM100/F0	899	4,000	68
B/SM100/F1	899	4,000	69
B/SP100/F0	1,798	8,000	70
B/SP100/F1	1,798	8,000	71
B/SPP100/F0	3,147	14,000	72
B/SPP100/F1	3,147	14,000	73

Sidelay-adjusted Boschert Equivalent Safety Chucks			
Model Number	Maximum Load (lbs) (per safety chuck)	Maximum Load (N) (per safety chuck)	Drawing Reference Number
B/SM500/F2/.../C50	899	4,000	74
B/SM500/F1/.../C50	899	4,000	75
B/SP500/F2/.../C50	1,574	7,000	76
B/SP500/F1/.../C50	1,574	7,000	77

Rotary Tables/Movable Bases			
Model Number			Drawing Reference Number
BS/P1/SM500/SM100			78
BS/P2/SM500/SM100			79
BS/P1/SP500/SP100			80
BS/P2/SP500/SP100			81

Safety Chuck Options

Sliding Safety Chuck Models and Options

All Double E safety chucks feature a sliding front plate instead of the more traditional tilting front plate. This design is safer, easier to operate, and more rugged than tilting designs. The chuck opens with a patented push-button mechanism and does away with the need to use a mallet to open the chuck. The chuck will only open in the upright position to guarantee roll security and closes automatically if the operator forgets to close it manually. In addition, the sliding action reduces finger jamming accidents that are common with tilting models.

All models can be ordered with either 2" (50 mm) or 4" (100 mm) sidelay adjustment. They can also be ordered with air-operated opening and closing when the chucks are in hard to reach locations. In these models, the opening and closing of the chuck occurs due to air pressure applied to the inside of the chuck.

Models

- SL100 = 787 lb-f. (3500 N) load sliding safety chuck, fixed.
- SM100 = 1619 lb-f. (7200 N) load sliding safety chuck, fixed.
- SP11* = 1586 lb-f. (7056 N) load sliding safety chuck, fixed.
- SP100 = 3147 lb-f. (14,000 N) load sliding safety chuck, fixed.
- SU100 = 5620 lb-f. (25,000 N) load sliding safety chuck, fixed.
- SU200 = 22,481 lb-f. (100,000 N) load sliding safety chuck, fixed.
- SL500 = 787 lb-f (3500 N) sliding safety chuck, sidelay adjusted.
- SM500 = 1619 lb-f. (7200 N) sliding safety chuck, sidelay adjusted.
- SP500 = 3147 lb-f. (14,000 N) sliding safety chuck, sidelay adjusted.

NOTE: *The "SP11" safety chucks have the same overall dimensions and features as the older SP10 (that Double E has discontinued) chucks with tilting opening. They can, therefore, be suggested as an alternative to traditional, tilting models.*

Jaw Types

Sliding safety chucks can be manufactured with four different types of chuck/shaft engagement [see drawings on **page 8** of this manual]:

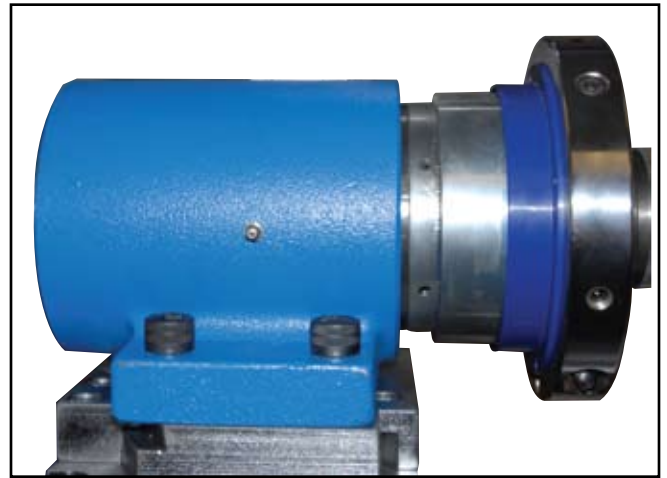
- "V" type - rhombus (square rotated 45°) **[Standard]**
- "O" type - circular/round, patented **[Standard]**
- "U" type - square **[Special]**
- "TC" type - triangular **[Special]**

All four jaw types can be available with interchangeable jaws. With this option, the jaws can be disassembled from the safety chuck's central shaft and replaced by a new set. The new one can be

either the same type/size or different to fit another application. This option lowers long-term operating costs with less expensive replacements, reduces machine down time, and creates a more flexible



Flange-mounted Safety Chuck



Pedestal-mounted Safety Chuck

operating environment for customers who run multiple applications on a single machine.

Chuck Mounting

Safety chucks can be either **flange-mounted** (F) or **pedestal-mounted** (P). See images above.

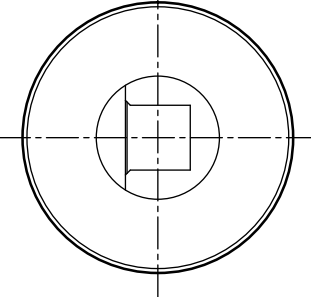
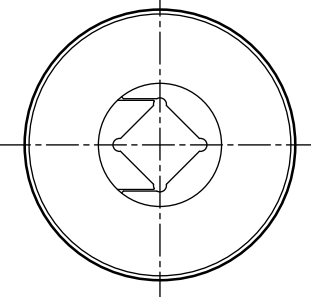
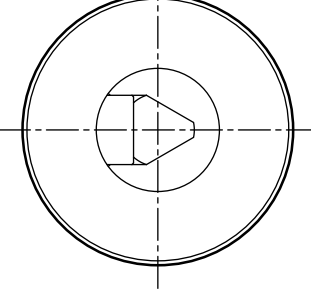
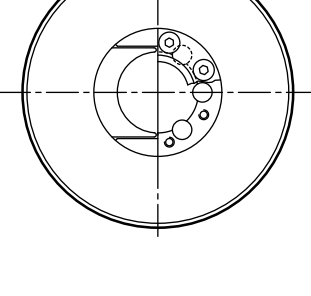
Motion Transmission

The safety chucks can be either idlers or motorized. Usually, one side will be an idler while the other will be a driver (using either a brake or a motor).

- Idlers run free and rotate through the reel-holding shaft. On the opposite side, there will normally be a motorized chuck. On the sidelay adjusted models, there is a rear handwheel for controlling the sidelay adjustment.
- Motorized chucks have a rear shaft extension that enables the motion transmission and/or brake fitting in both fixed and sidelay adjusted models. The drive shaft can also be made as a splined shaft to enable the roll to move even when the safety chuck shaft remains fixed.

Double E vs Boschert Safety Chuck Comparison

(max. RPM)

Double E Sliding Safety Chucks				
	U-series	V-series	VTC (triangular)	O-series (circular)
18	900			
Boschert Tilting Safety Chucks				
	VT1	VT2**	VT6	VT7
	900			
	1100 (standard)			
	1200-1500			

**Boschert VT-2 tilting safety chucks can handle only 60% of the torque and load of a Double E V-series sliding chuck due to the diminished contact zone caused by the tilting face.

Air Operated Safety Chucks

All Double E fixed safety chuck models can be manufactured with pneumatic operations. These models are identified with the “AP” prefix at the beginning of a chuck’s model code. Pneumatic safety chucks offer an ideal solution for applications where operator access to the safety chucks would be difficult and/or unsafe.



Air lines on a pneumatic chuck.



Pneumatic Safety Chuck

Proximity Sensors

Double E’s pneumatic safety chucks can also include proximity sensors that can be integrated with the customer’s existing controller to make sure that the chucks are closed before operating the machine. Double E safety chucks can use a combination of three sensors to insure that the chucks are closed and to increase plant safety. Sensors beneath the chuck’s face relay whether the chuck is open or closed. A third sensor at the rear of the chuck uses a pin to indicate the chuck’s orientation.



Pneumatic Safety Chuck with Proximity Sensors



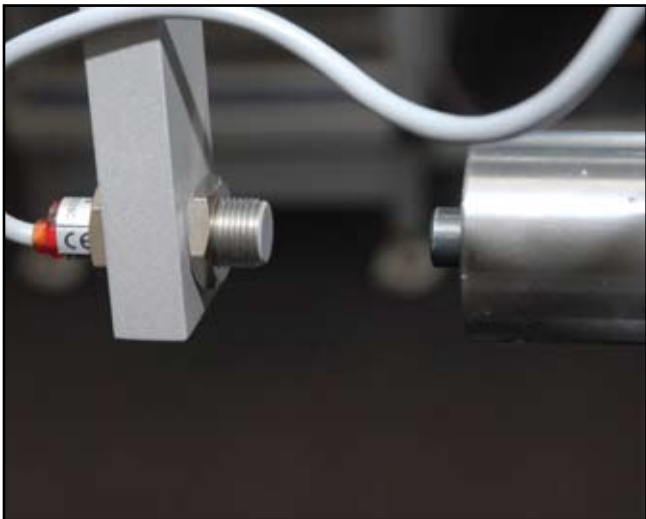
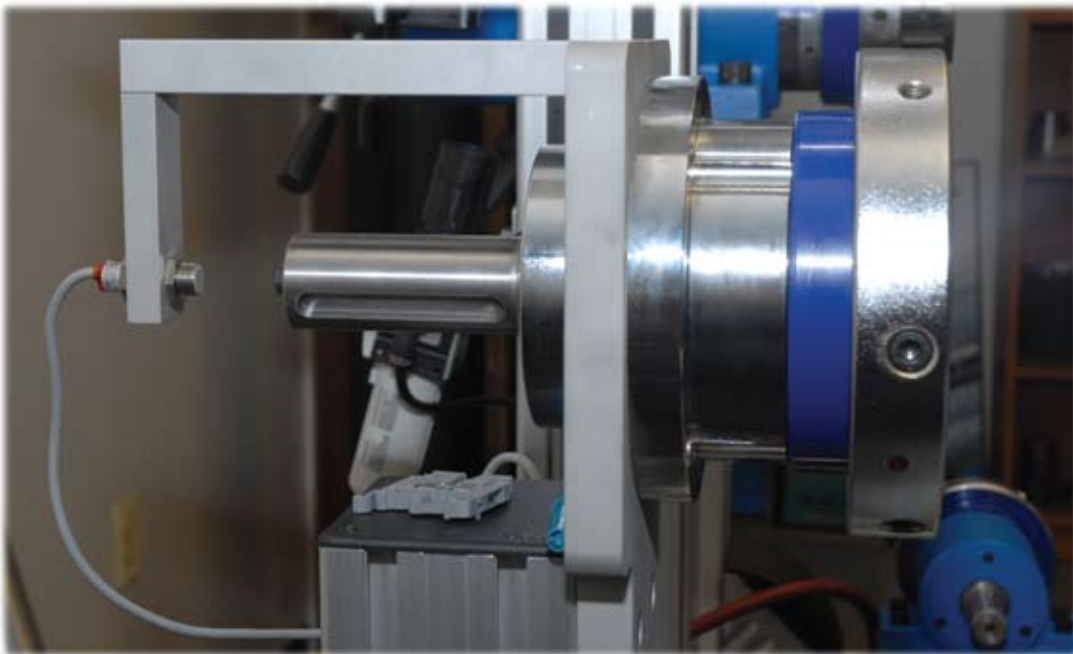
Open and Closed Proximity Sensors



Rear sensor on a pneumatic safety chuck (idler side).

AC Option

The AC option on sliding safety chucks uses a pin through the safety chuck to detect and to signal when the chuck's face plate is open. It is especially useful in turret applications where the operator needs to know if the chuck is closed. In turret applications, the proximity sensor is tied to a “kill” switch that prevents the turret from turning while the chuck is open.



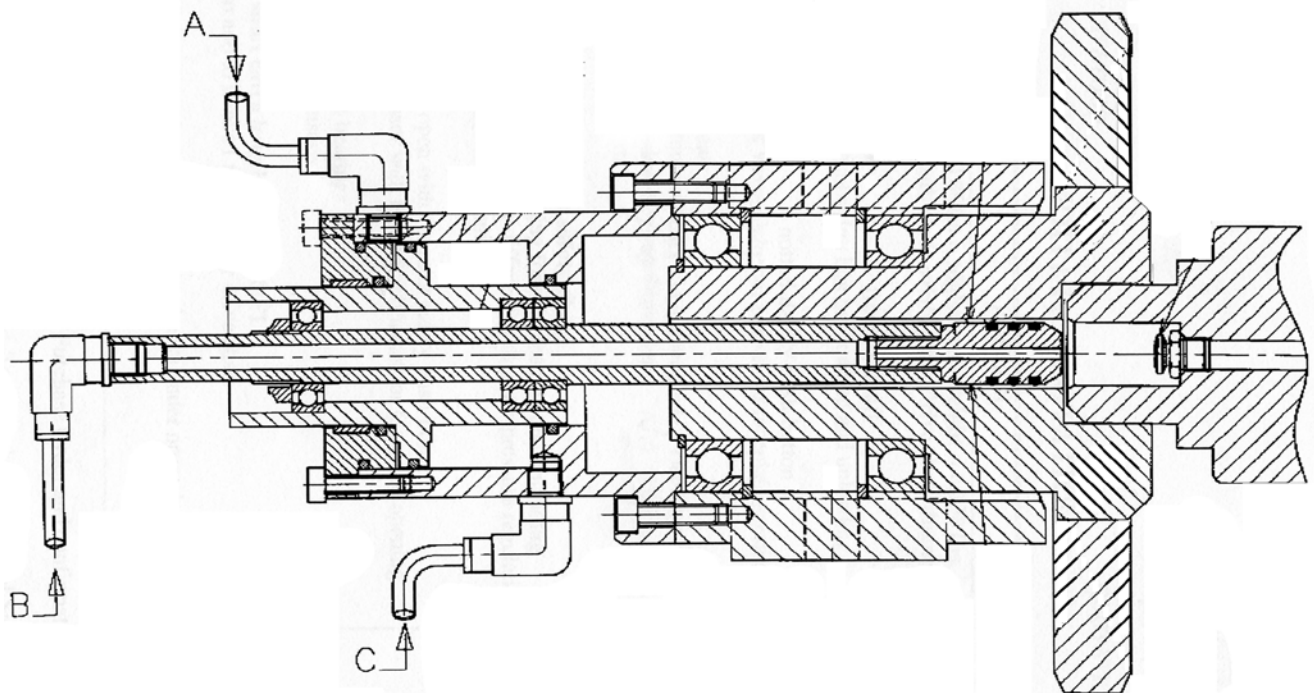
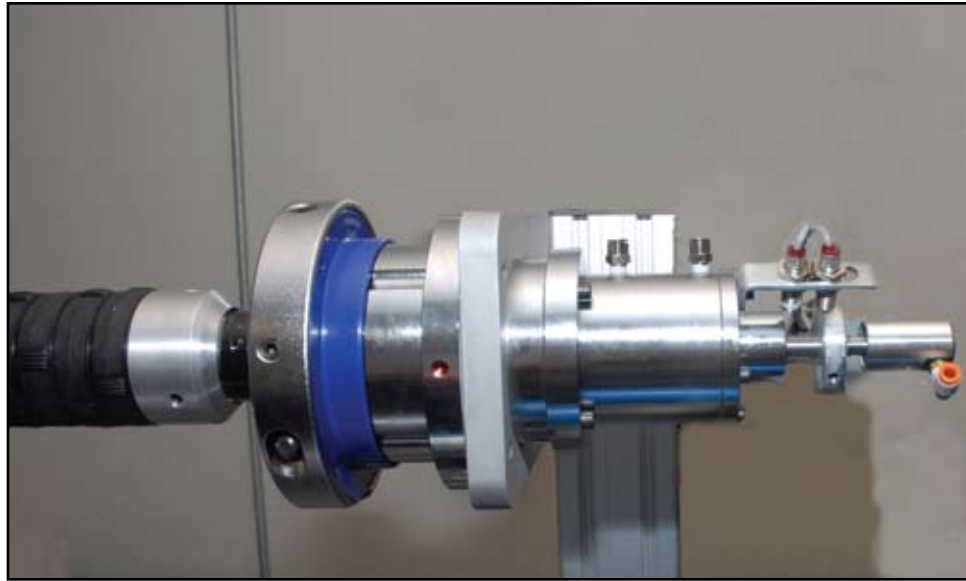
AC Option with Face Plate Closed



AC Option with Face Plate Open

AT Option

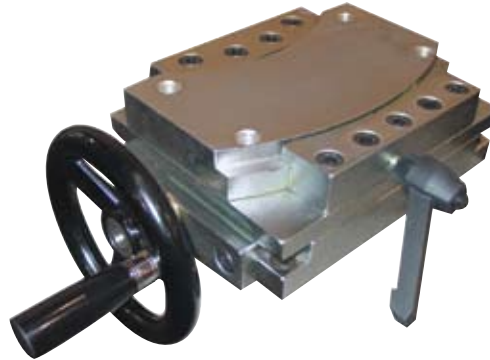
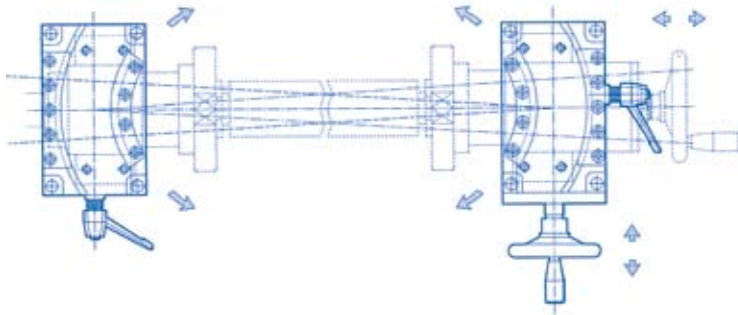
The AT option on sliding safety chucks is usually reserved for applications using differential shafts. The AT stands for “air through” and runs an air line through the safety chuck that connects to one on the shaft. This option is needed when there is not enough space on the journal for an air valve.



Sidelay Safety Chuck Options

Rotary Table

Double E safety chucks feature a rotary table option for applications that need to correct for “baggy edges.” When combined with sidelay adjustment, the rotary table gives customers the ability to make web adjustments in two dimensions. See the “Rotary Tables” section of this catalog for more detailed information.

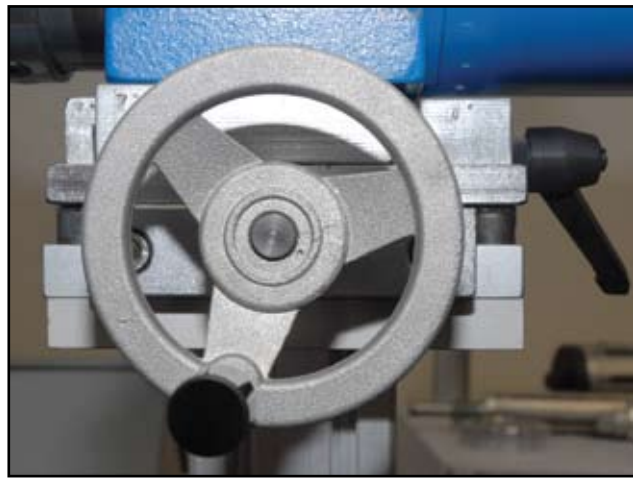


Wheel Style

There are two styles of wheels currently available for Double E's sidelay adjustment safety chucks: a hand wheel and a cross-hand wheel. The hand wheel is the default option on rotary tables and SL series safety chucks. The cross-hand wheel is the default option for SM series and SP series safety



Cross-hand Wheel



Hand Wheel

chucks.

Radial Driver

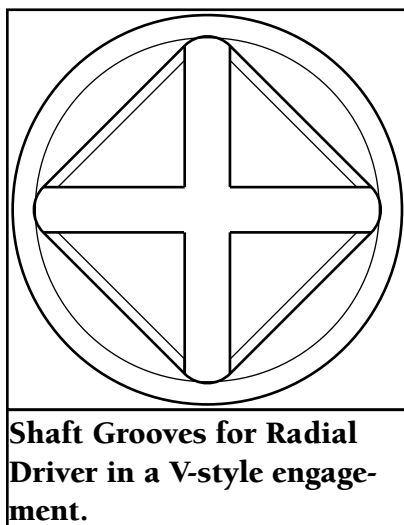
A radial driver option is available for Double E safety chucks with the U, V, and TC engagement types. The radial driver helps maintain and secure the shaft during automatic sliding head closing of the chuck under rotation. Radial drivers can be especially helpful when using V-shaped jaws with a light shaft. ***This option is strongly recommended by Double E for rewind applications on a turret.***



Safety Chuck with Radial Driver



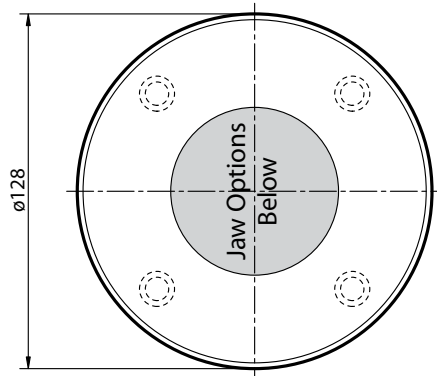
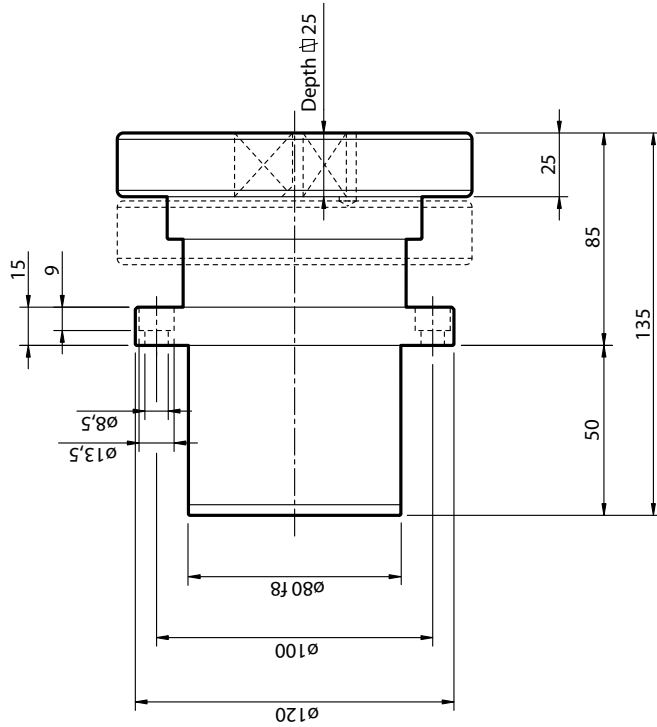
Safety Chuck without Radial Driver



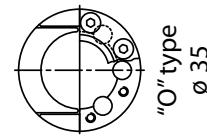
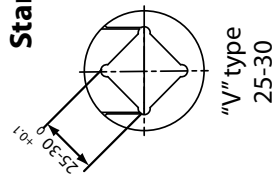
Shaft Grooves for Radial Driver in a V-style engagement.

Standard Safety Chuck Models & Dimensions

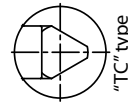
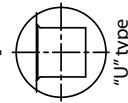
Fixed Safety Chucks



Standard Jaw Options



Special Order



Replaceable Inserts: Yes ☐ No ☐

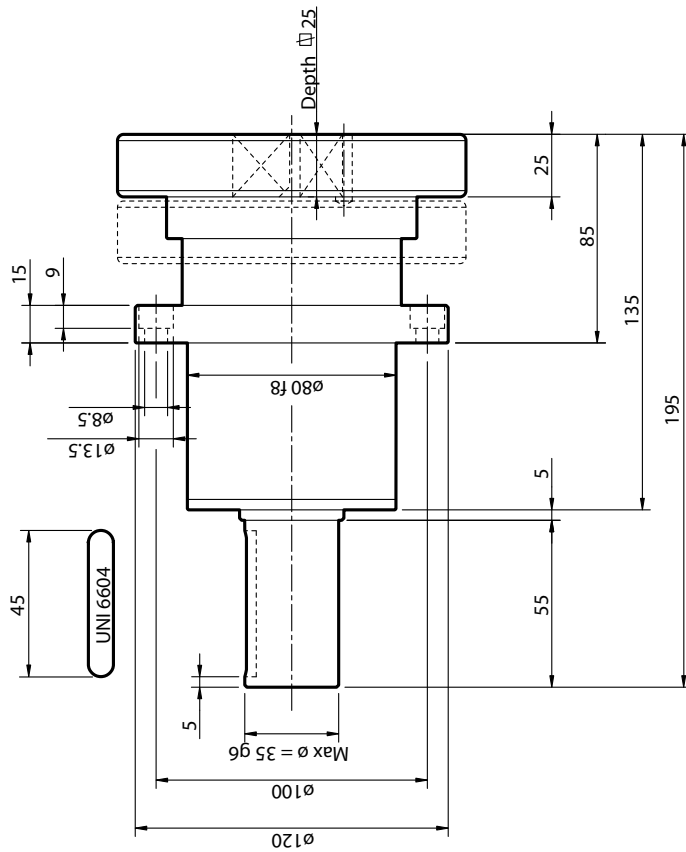
Size Needed _____

Model: **SL100/F0/(I)V25-30**
SL100/F0/IO35

Max. Load per Safety Chuck = **787 lbs.** (3500 N)



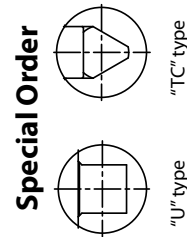
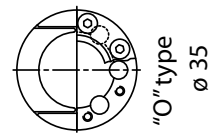
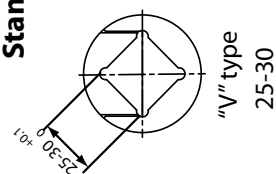
319 Manley Street, West Bridgewater, MA 02379 USA
Tel: (508) 588-8099 Fax: (508) 580-2915 doublee@doubleusa.com
<http://www.doubleusa.com>



Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

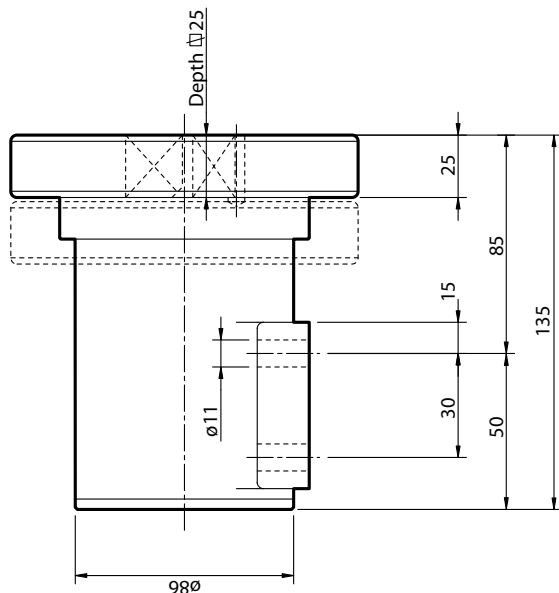
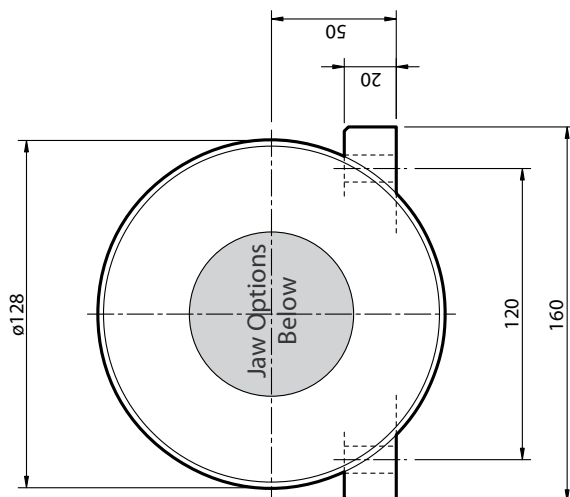
Standard Jaw Options



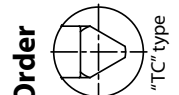
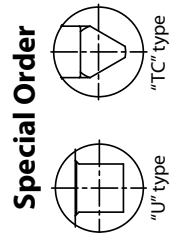
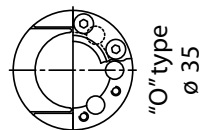
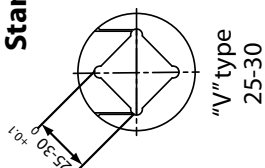
Special Order

Model: SL100/F1/(I)V25-30
SL100/F1/IO35

Maximum Load per Safety Chuck = **787 lbs.** (3500 N)
Maximum Transmissible Torque** = **221 lbf-ft** (300 Nm)
** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options



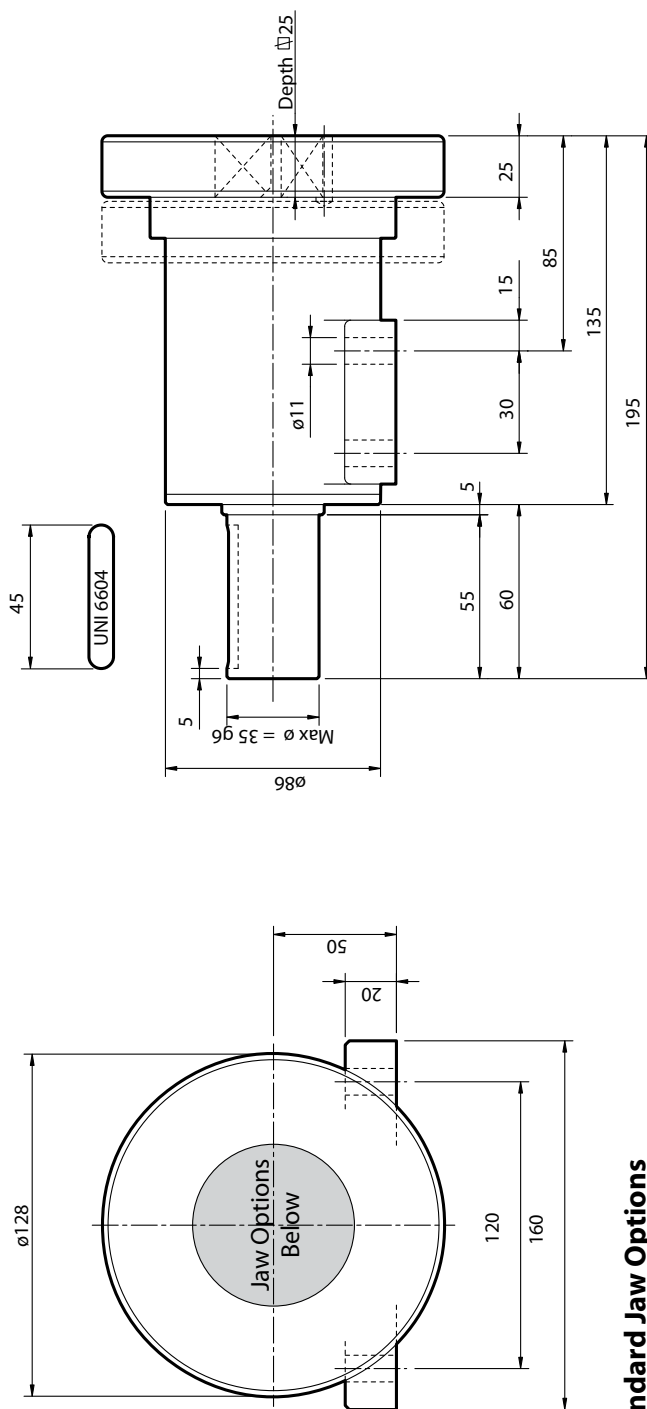
Special Order

Replaceable Inserts: Yes ☐ No ☐

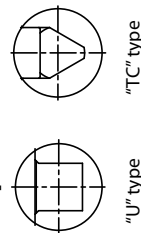
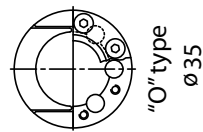
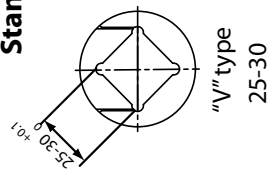
Size Needed _____

Model: **SL100/P0/(I)V25-30**
SL100/P0/IO35

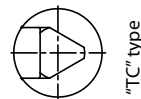
Max. Load per Safety Chuck = **787 lbs.** (3500 N)



Standard Jaw Options



Special Order

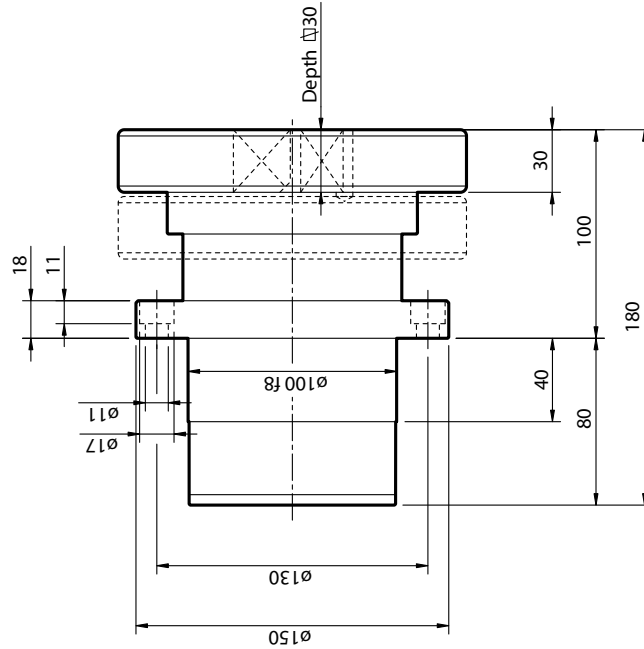


Replaceable Inserts: Yes ☐ No ☐

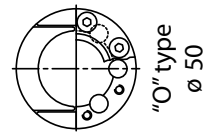
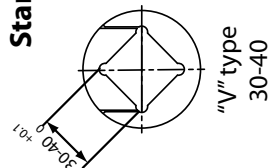
Size Needed _____

Model: **SL100/P1/(I)V25-30**
SL100/P1/IO35

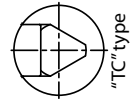
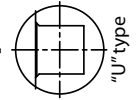
Maximum Load per Safety Chuck = **787 lbs.** (3500 N)
 Maximum Transmissible Torque** = **221 lbf-ft** (300 Nm)
 ** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options



Special Order

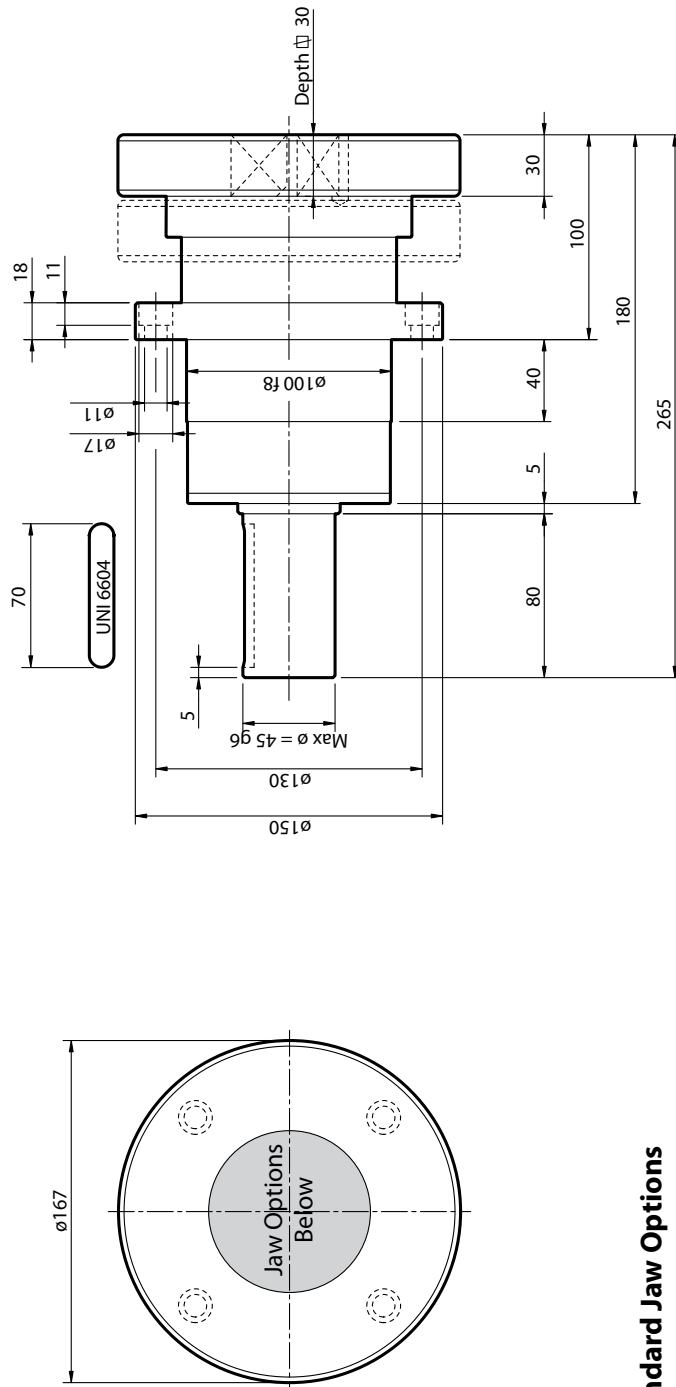


Replaceable Inserts: Yes ☐ No ☐

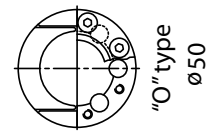
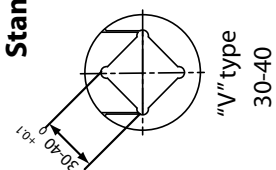
Size Needed _____

Model: **SM100/F0/(I)V30-40**
SM100/F0/IO50

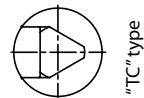
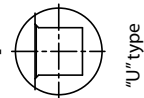
Max. Load per Safety Chuck = **1619 lbs.** (7200 N)



Standard Jaw Options



Special Order



Replaceable Inserts: Yes ☐ No ☐

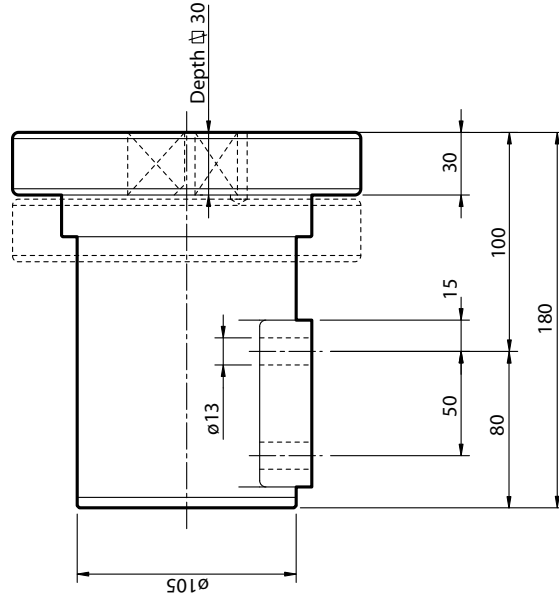
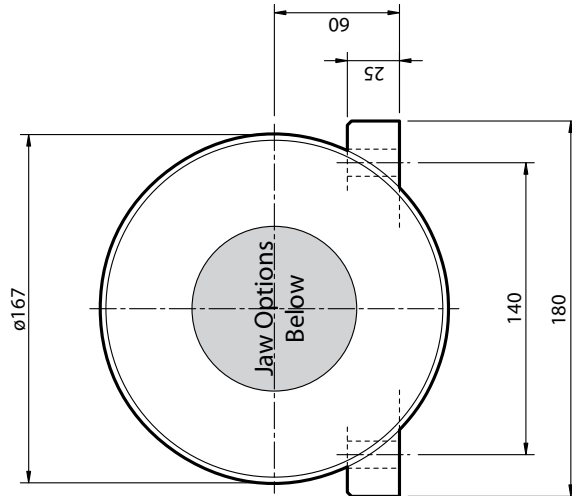
Size Needed _____

Model: SM100/F1/(I)V30-40
SM100/F1/IO50

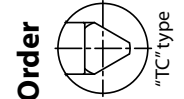
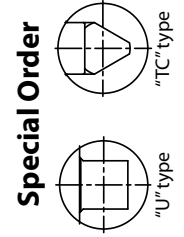
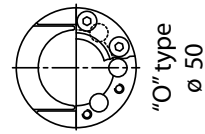
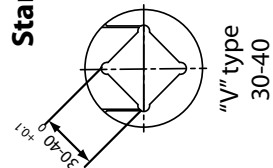
Maximum Load per Safety Chuck = **1619 lbs.** (7200 N)
Maximum Transmissible Torque** = **664 lbf-ft** (900 Nm)
** Values shown for maximum ϕ and standard spindle length.

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Standard Jaw Options



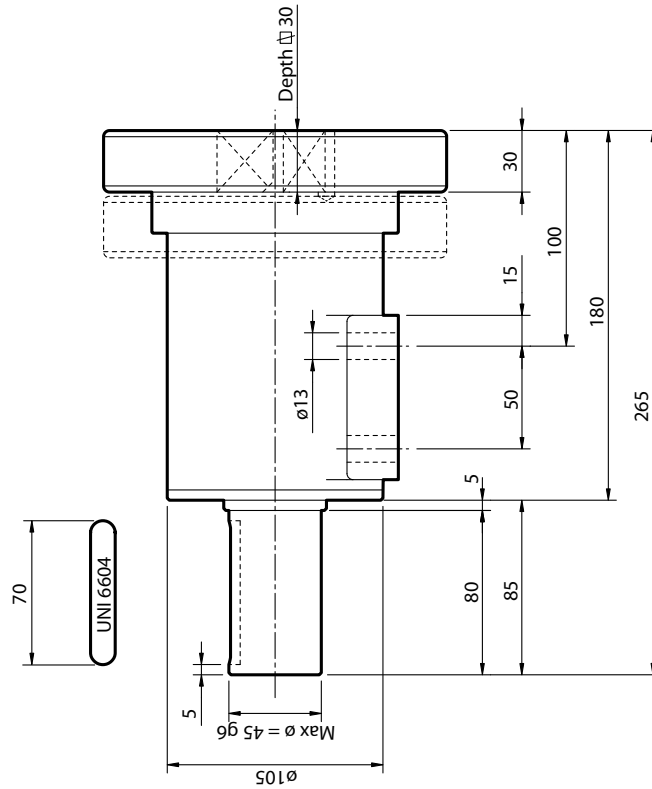
Special Order

Replaceable Inserts: Yes ☐ No ☐

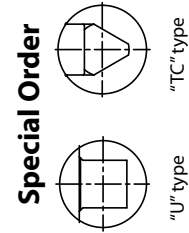
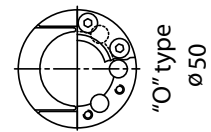
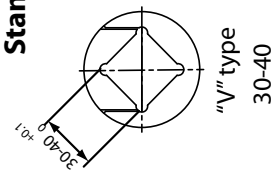
Size Needed _____

Model: **SM100/P0/(I)V30-40**
SM100/P0/IO50

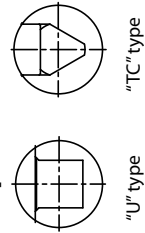
Max. Load per Safety Chuck = **1619 lbs.** (7200 N)



Standard Jaw Options



Special Order

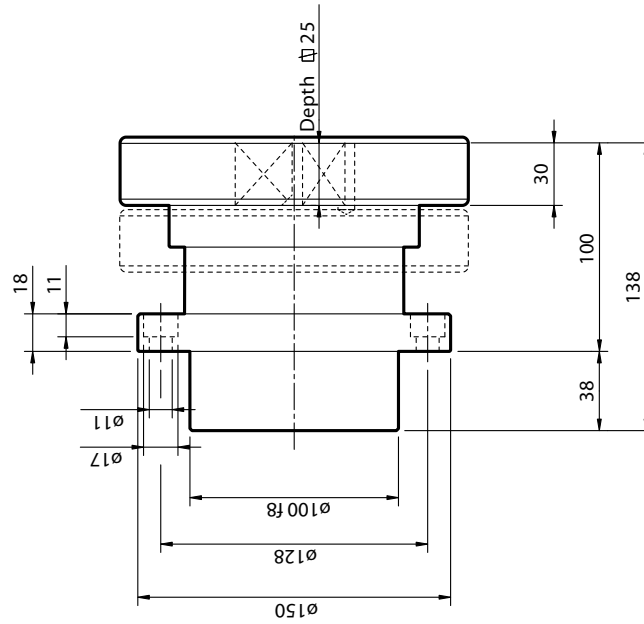


Replaceable Inserts: Yes ☐ No ☐

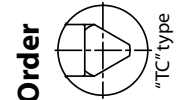
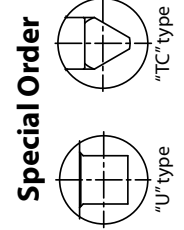
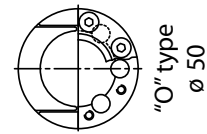
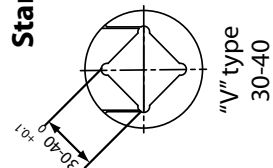
Size Needed _____

Maximum Load per Safety Chuck = **1619 lbs.** (7200 N)
 Maximum Transmissible Torque** = **664 lbf-ft** (900 Nm)
 ** Values shown for maximum ϕ and standard spindle length.

Model: **SM100/P1/(I)V30-40**
SM100/P1/IO50



Standard Jaw Options



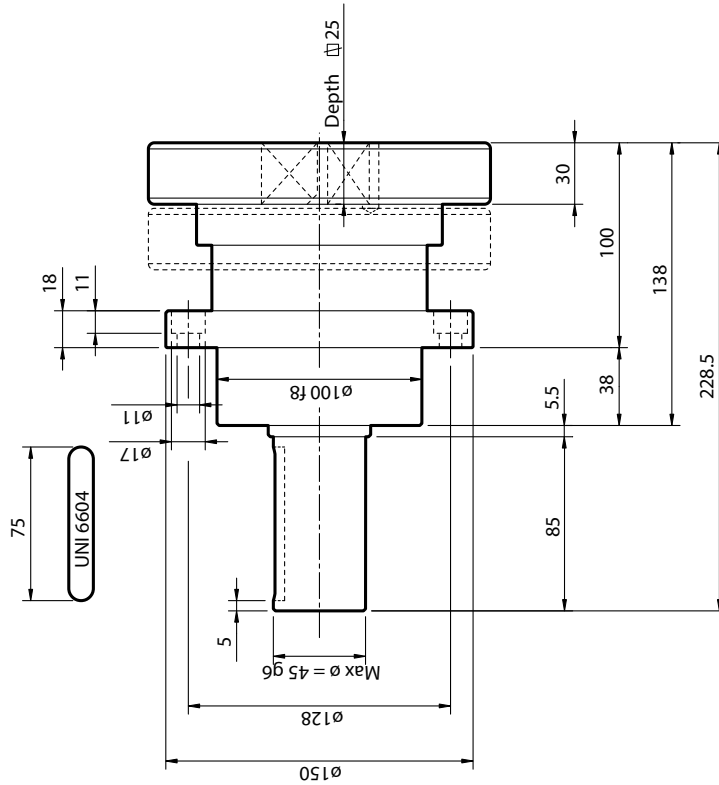
Special Order

Replaceable Inserts: Yes ☐ No ☐

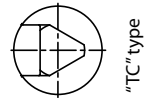
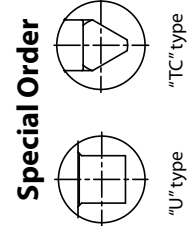
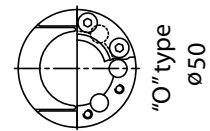
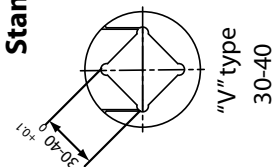
Size Needed _____

Model: **SP11/F0/(I)V30-40**
SP11/F0/IO50

Max. Load per Safety Chuck = **1586 lbs.** (7056 N)



Standard Jaw Options



Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

Model: **SP11/F1/(I)V30-40**
SP11/F1/IO50

Maximum Load per Safety Chuck = **1586 lbs.** (7056 N)
 Maximum Transmissible Torque** = **694 lbf-ft** (940 Nm)
 ** Values shown for maximum ϕ and standard spindle length.

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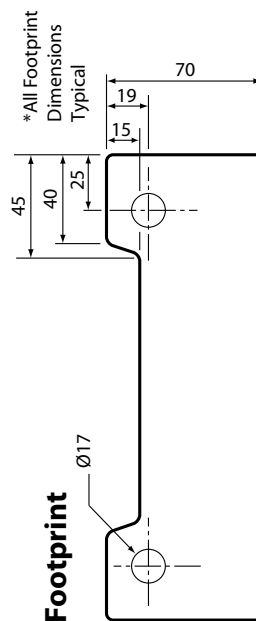
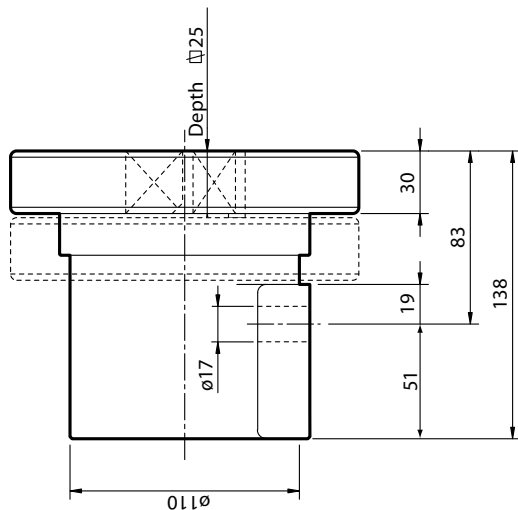
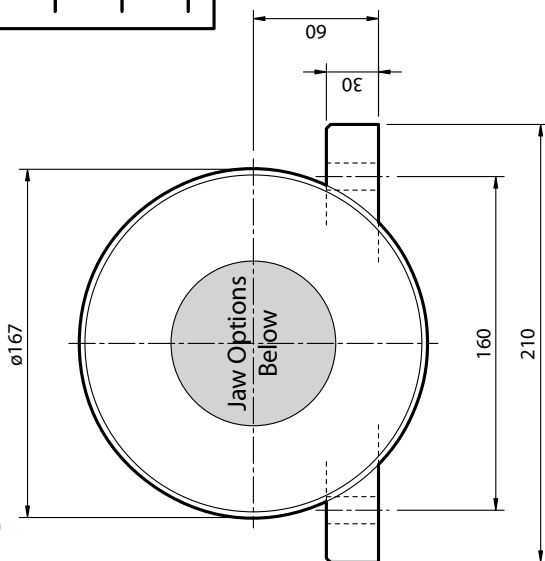
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Tel: (508) 588-8099 Fax: (508) 580-2915 doublee@doubleeusa.com
<http://www.doubleeusa.com>

APPROVED

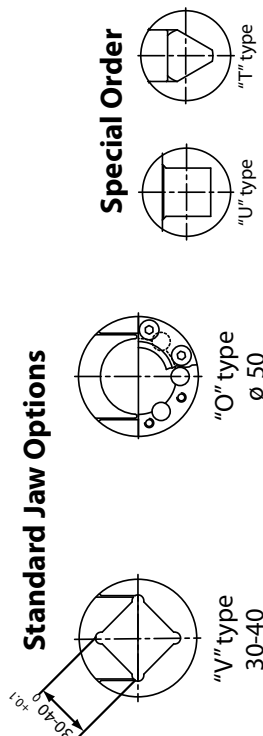
AUTHORIZED SIGNATURE

COMPANY NAME

DATE



**Please note, machine frame must match footprint geometry to avoid interference with sliding head.

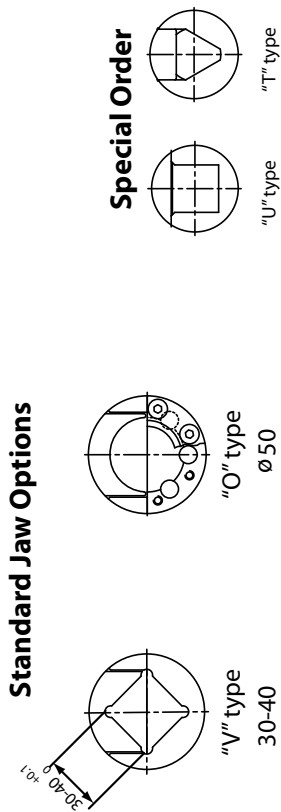
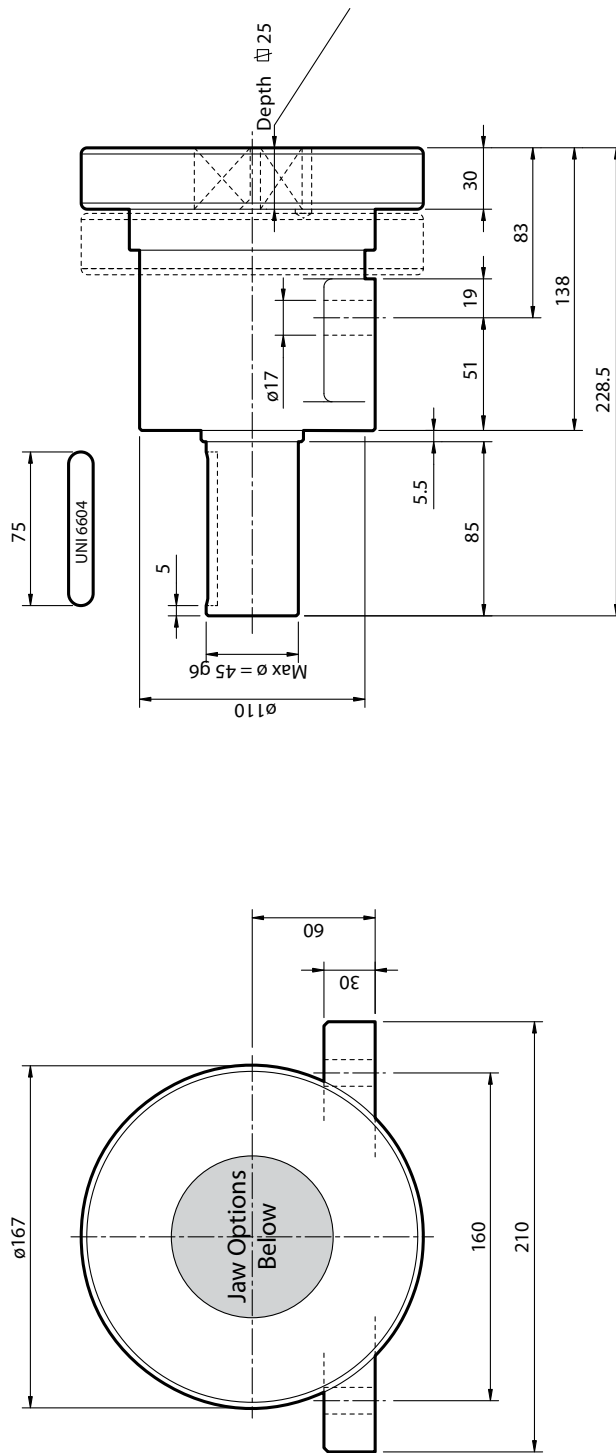


Model: **SP11/P0/(I)V30-40**
SP11/P0/IO50

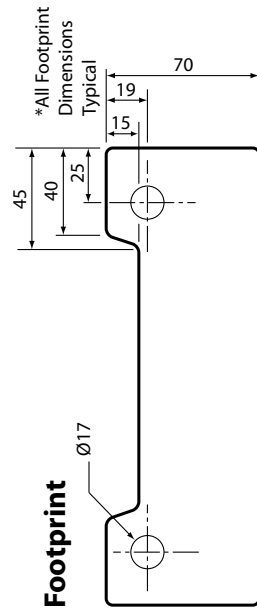
Max. Load per Safety Chuck = **1586 lbs.** (7056 N)



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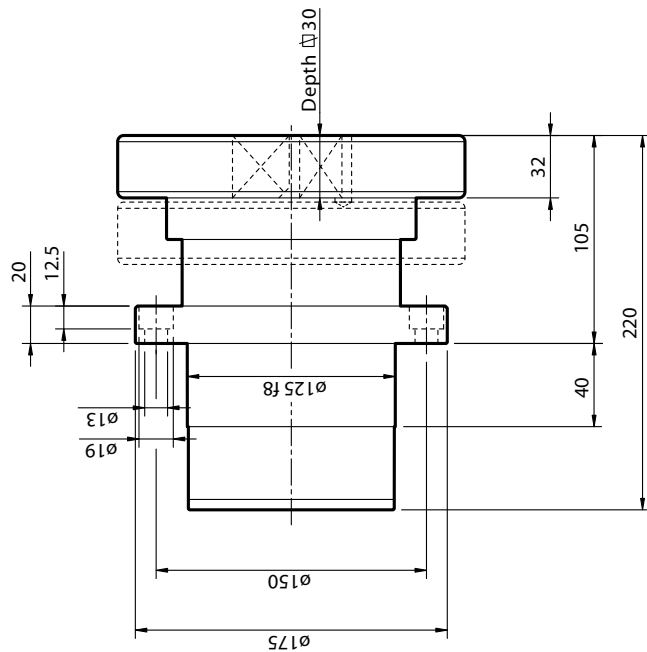
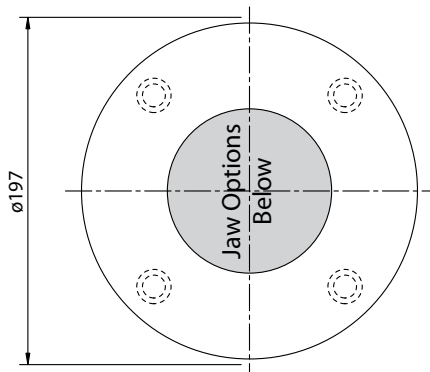
Footprint



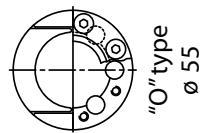
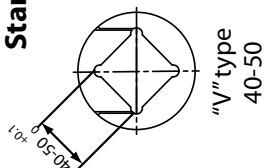
****Please note, machine frame must match footprint geometry to avoid interference with sliding head.**

Maximum Load per Safety Chuck = **1586 lbs.** (7056 N)
Maximum Transmissible Torque** = **694 lbf-ft** (940 Nm)
** Values shown for maximum $\varnothing$ and standard spindle length.

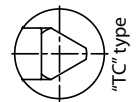
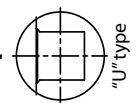
Model: **SP11/P1/(I)V30-40**
SP11/P1/IO50



Standard Jaw Options



Special Order

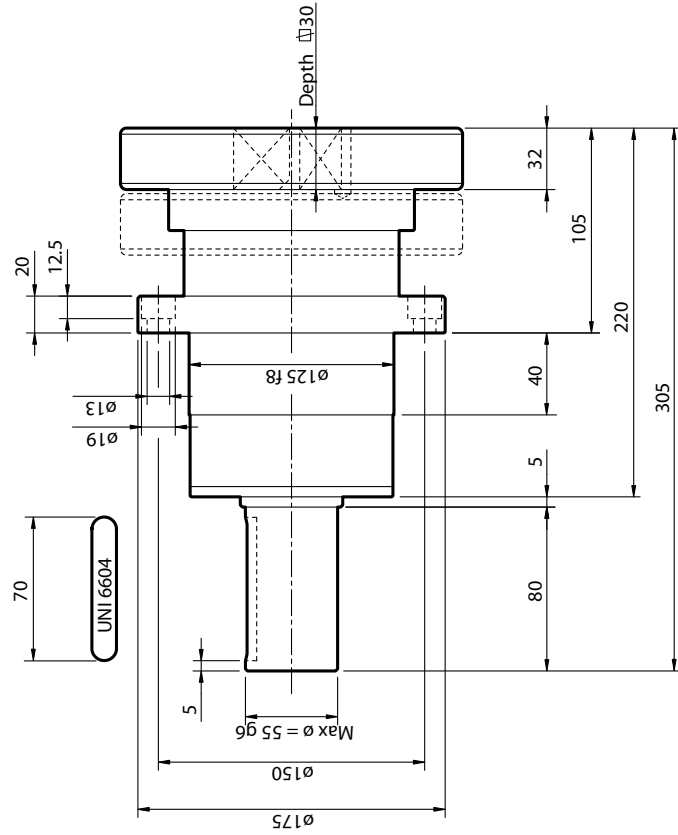


Replaceable Inserts: Yes ☐ No ☐

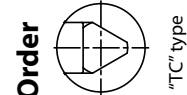
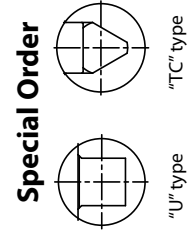
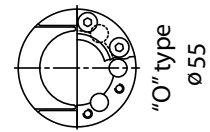
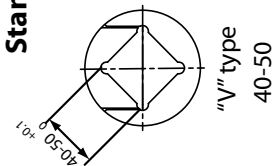
Size Needed _____

Model: **SP100/F0/(I)V40-50**
SP100/F0/IO55

Max. Load per Safety Chuck = **3147 lbs.** (14000 N)



Standard Jaw Options

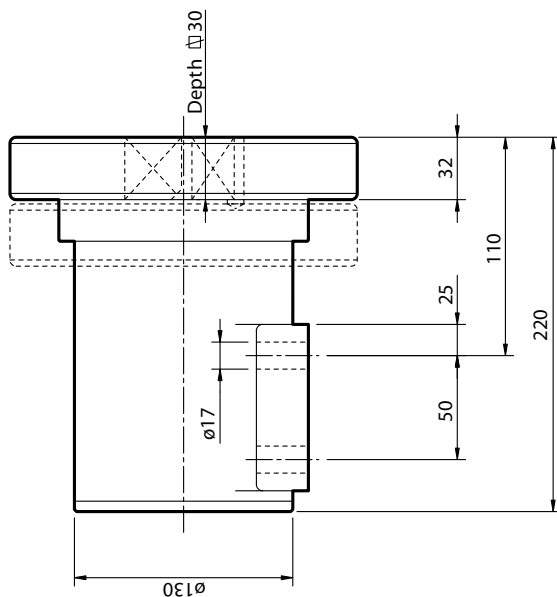
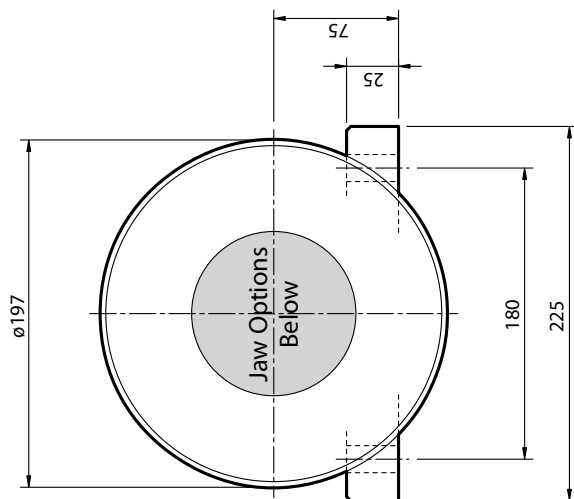


Replaceable Inserts: Yes ☐ No ☐

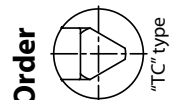
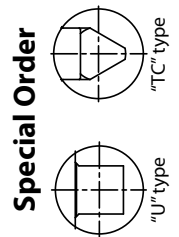
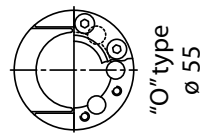
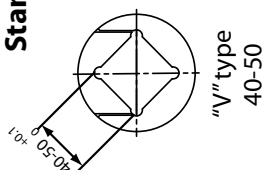
Size Needed _____

Model: **SP100/F1/(I)V40-50**
SP100/F1/IO55

Maximum Load per Safety Chuck = **3147 lbs.** (14000 N)
 Maximum Transmissible Torque** = **959 lbf-ft** (1300 Nm)
 ** Values shown for maximum ø and standard spindle length.



Standard Jaw Options



Special Order

Replaceable Inserts: Yes ☐ No ☐

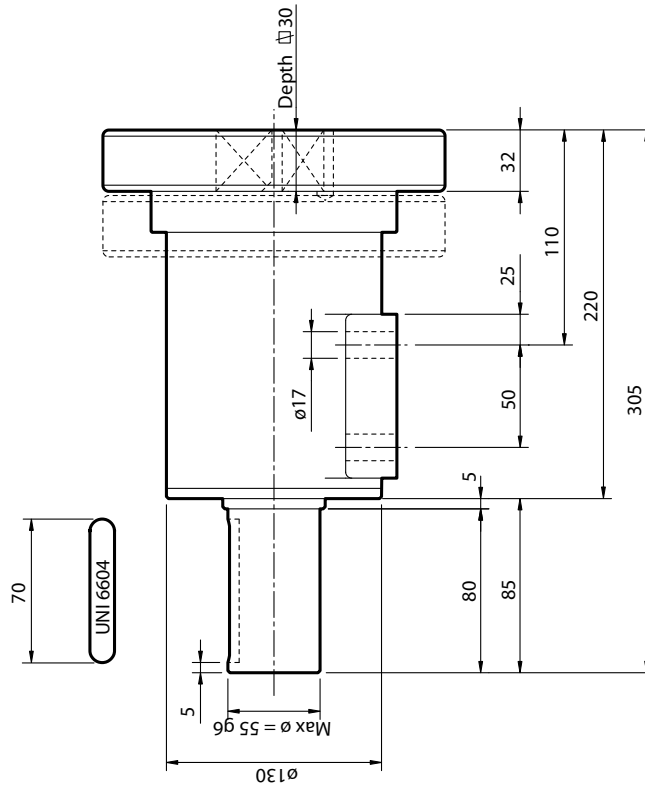
Size Needed _____

Model: **SP100/P0/(I)V40-50**
SP100/P0/IO55

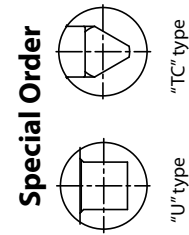
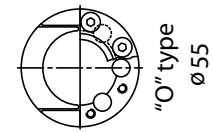
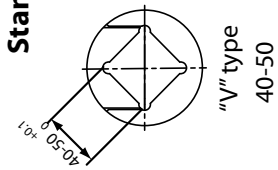
Max. Load per Safety Chuck = **3147 lbs.** (14000 N)

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 Tel: (508)368-8099 Fax: (508)580-2915 doublee@doubleeusa.com
<http://www.doubleeusa.com>

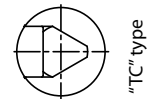
16



Standard Jaw Options



Special Order

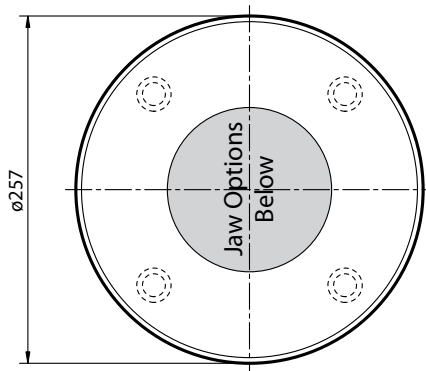
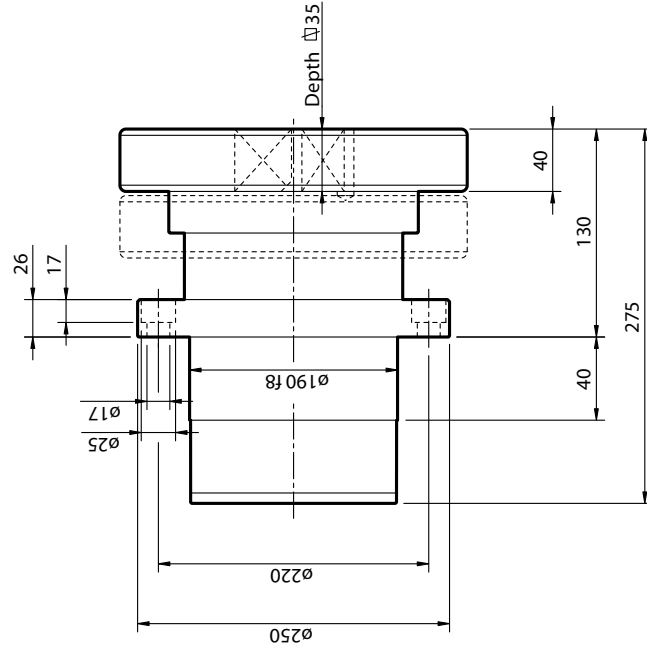


Replaceable Inserts: Yes ☐ No ☐

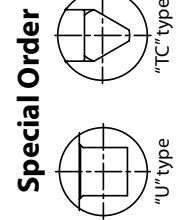
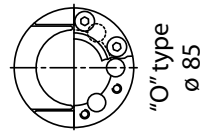
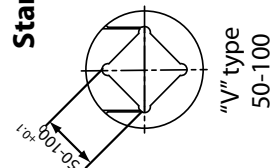
Size Needed _____

Model: **SP100/P1/(I)V40-50**
SP100/P1/IO55

Maximum Load per Safety Chuck = **3147 lbs.** (14000 N)
 Maximum Transmissible Torque** = **959 lbf-ft** (1300 Nm)
 ** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options

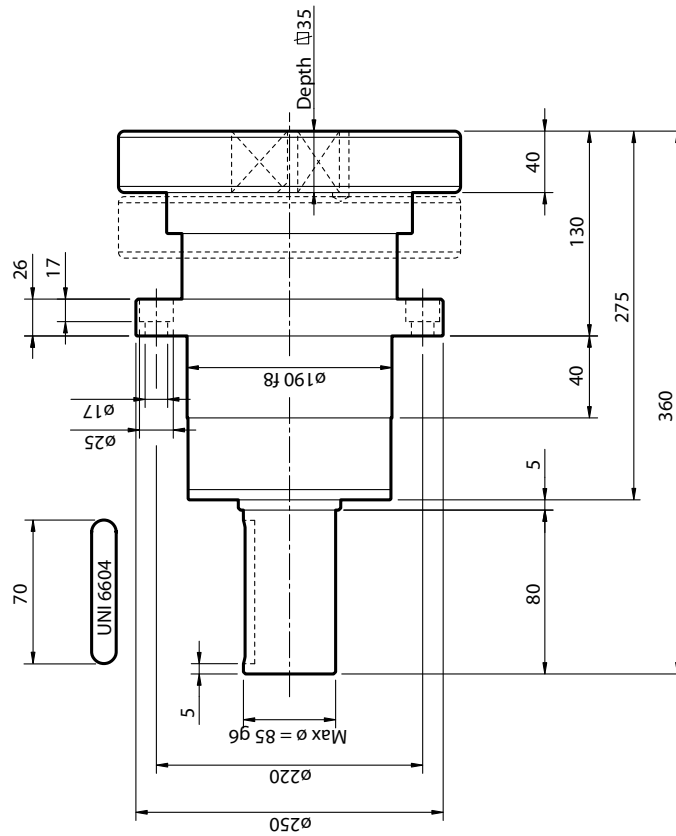


Special Order

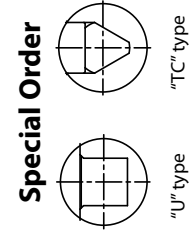
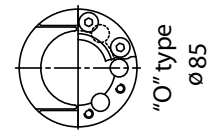
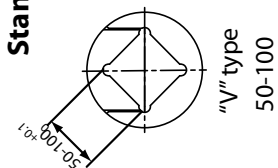
Replaceable Inserts: Yes ☐ No ☐
 Size Needed _____

Model: **SU100/F0/(I)V50-100**
SU100/F0/IO85

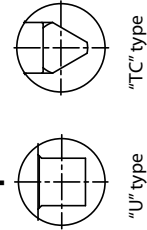
Max. Load per Safety Chuck = **5620 lbs.** (25000 N)



Standard Jaw Options



Special Order

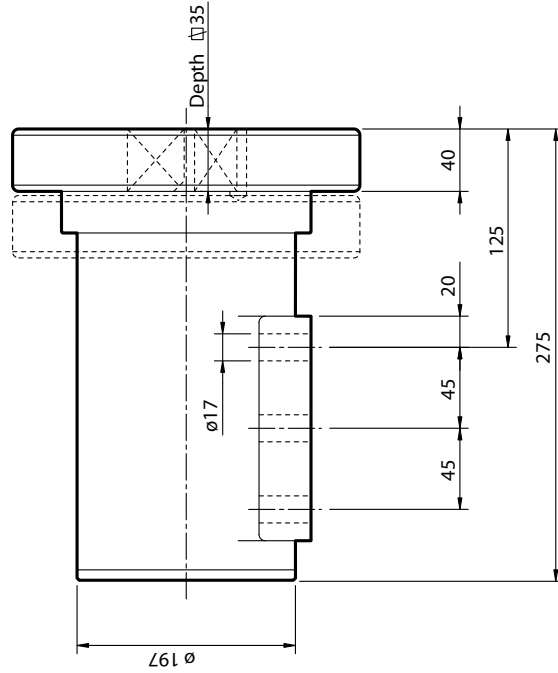
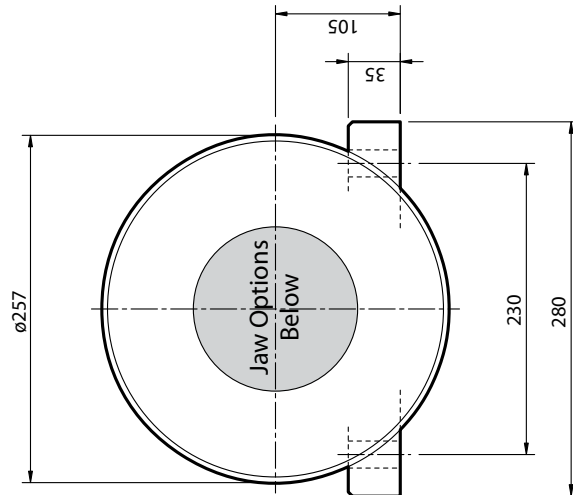


Replaceable Inserts: Yes ☐ No ☐

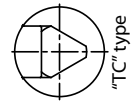
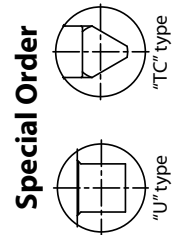
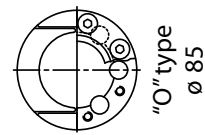
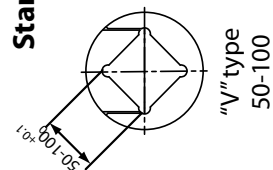
Size Needed _____

Maximum Load per Safety Chuck = **5620 lbs.** (25000 N)
 Maximum Transmissible Torque** = **1947 lbf-ft** (2640 Nm)
 ** Values shown for maximum ϕ and standard spindle length.

Model: **SU100/F1/(I)V50-100**
SU100/F1/IO85



Standard Jaw Options



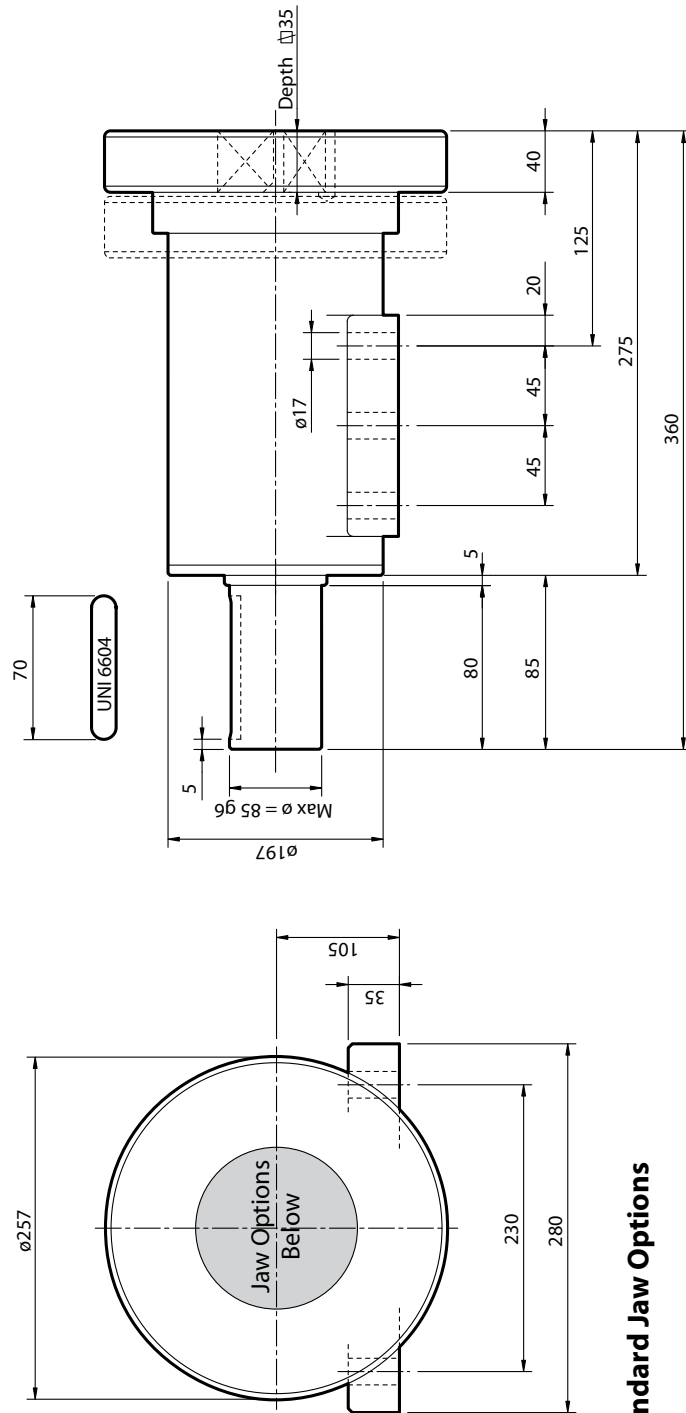
Special Order

Replaceable Inserts: Yes ☐ No ☐

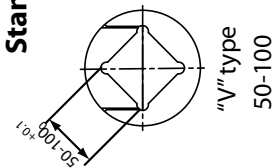
Size Needed _____

Model: **SU100/P0/(I)V50-100**
SU100/P0/IO85

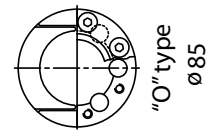
Max. Load per Safety Chuck = **5620 lbs.** (25000 N)



Standard Jaw Options

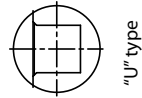


"V" type
50-100



"O" type
Ø85

Special Order



"TC" type

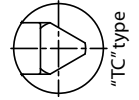
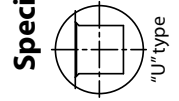
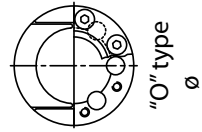
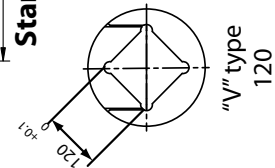
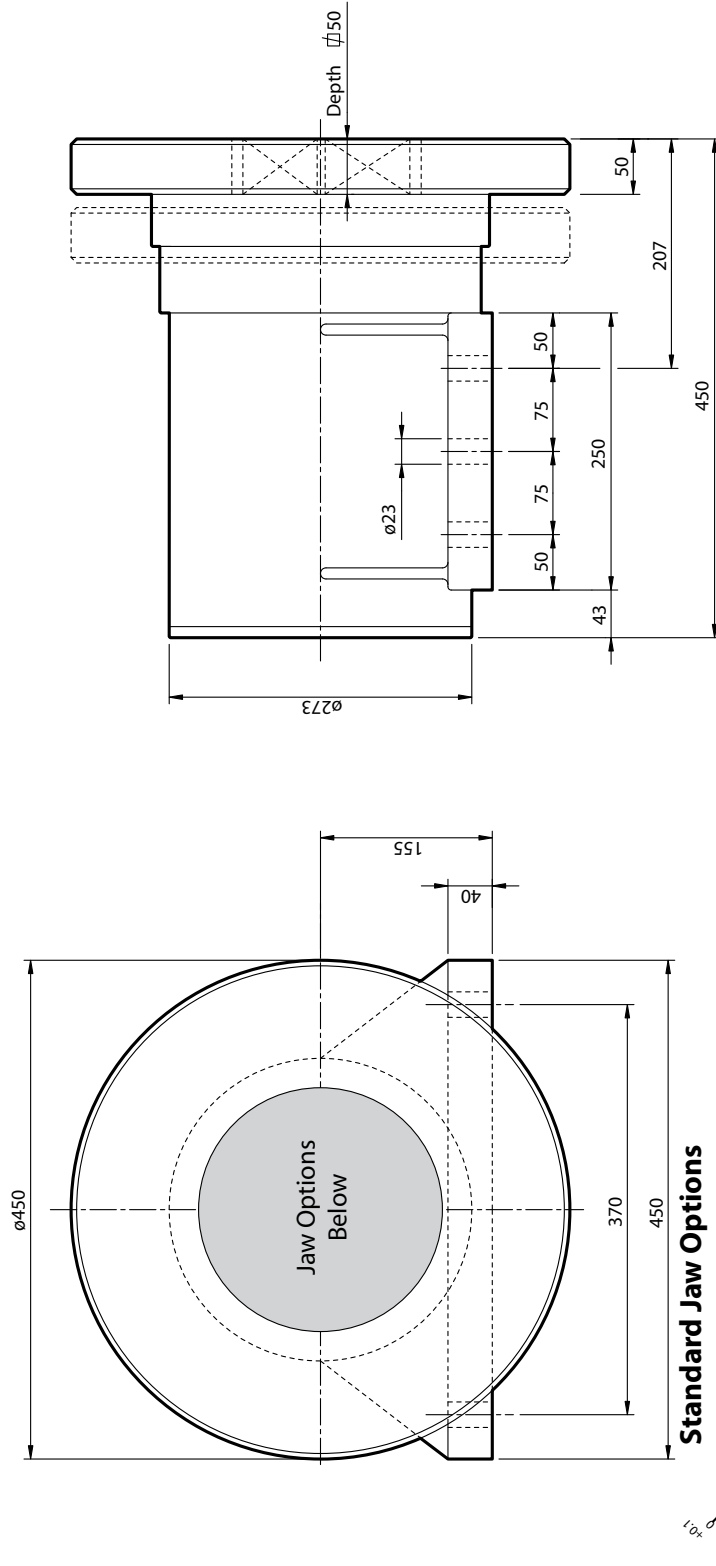


Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

Maximum Load per Safety Chuck = **5620 lbs.** (25000 N)
Maximum Transmissible Torque** = **1947 lbf-ft** (2640 Nm)
** Values shown for maximum ϕ and standard spindle length.

Model: SU100/P1/(I)V50-100
SU100/P1/IO85



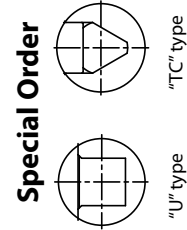
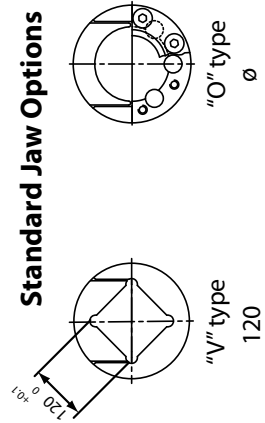
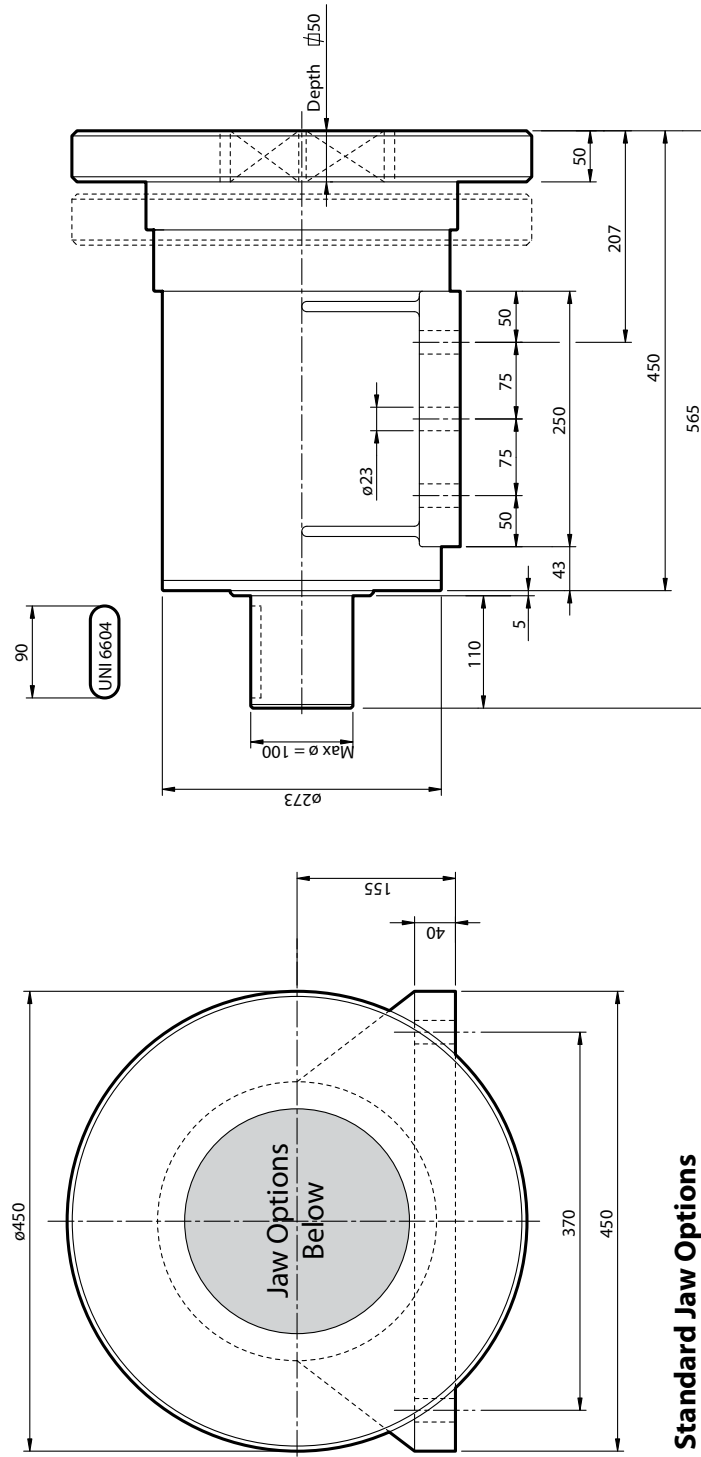
Special Order

Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

Model: **SU200/P0/(I)V120**
SU200/P0/IO

Max. Load per Safety Chuck = **22481 lbs.** (100000 N)



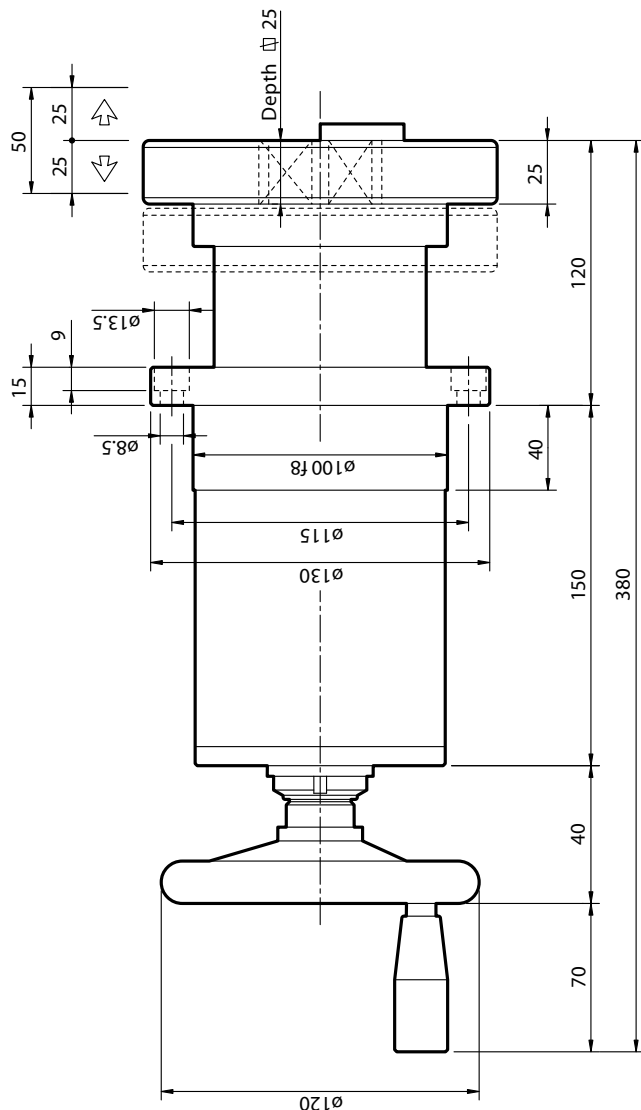
Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

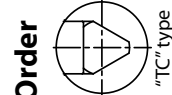
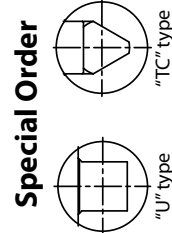
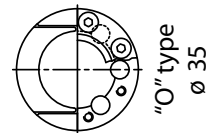
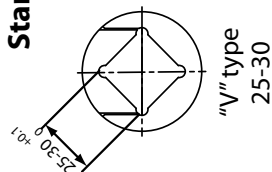
Maximum Load per Safety Chuck = **22481 lbs.**(100000 N)
 Maximum Transmissible Torque** = **3688 lbf-ft** (5000 Nm)
 ** Values shown for maximum ø and standard spindle length.

Model: **SU200/P1/(I)V120**
SU200/P1/IO

Sidelay Adjusted Safety Chucks



Standard Jaw Options



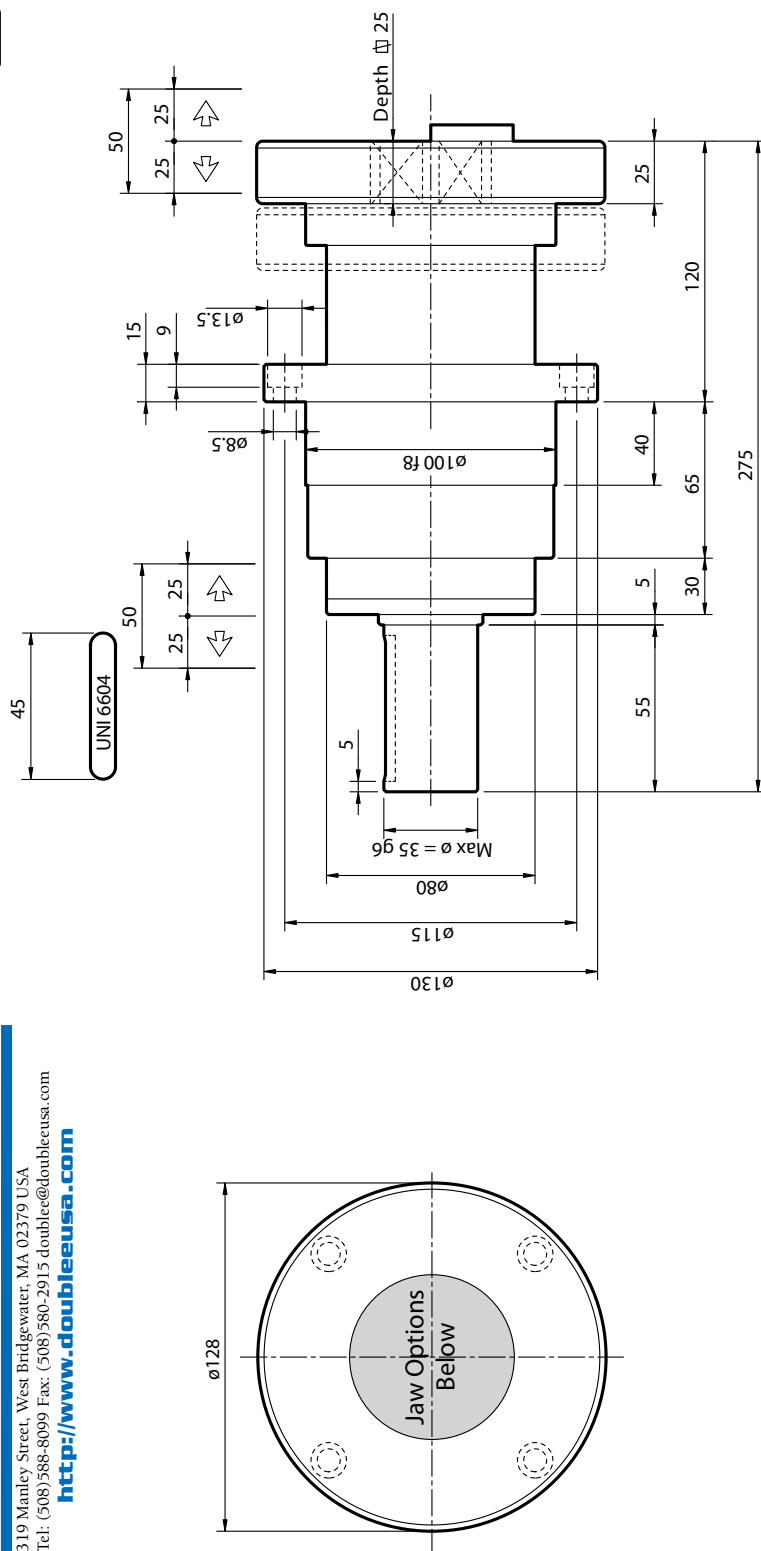
Special Order

Replaceable Inserts: Yes ☐ No ☐

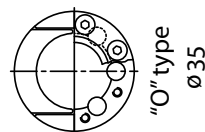
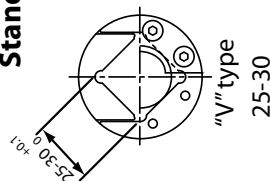
Size Needed _____

Model: **SL500/F2/(I)V25-30/C50**
SL500/F2/IO35/C50

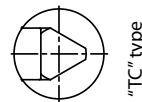
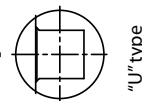
Max. Load per Safety Chuck = **787 lbs.** (3500 N)



Standard Jaw Options



Special Order

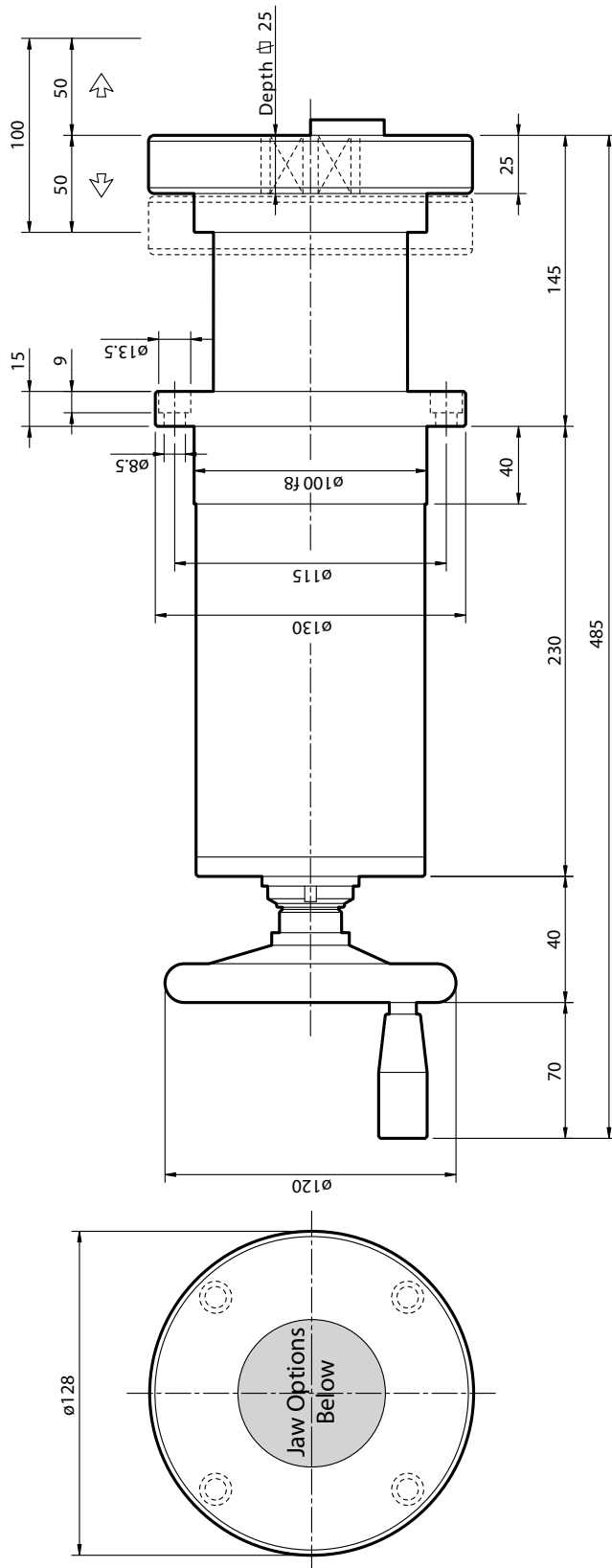


Replaceable Inserts: Yes ☐ No ☐

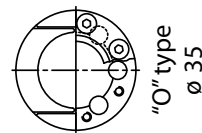
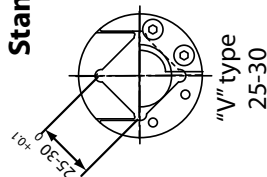
Size Needed _____

Model: SL500/F1/(I)V25-30/C50
SL500/F1/IO35/C50

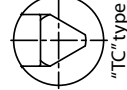
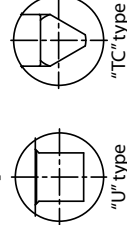
Maximum Load per Safety Chuck = **787 lbs.** (3500 N)
Maximum Transmissible Torque** = **221 lbf-ft** (300 Nm)
** Values shown for maximum $\varnothing$ and standard spindle length.



Standard Jaw Options



Special Order

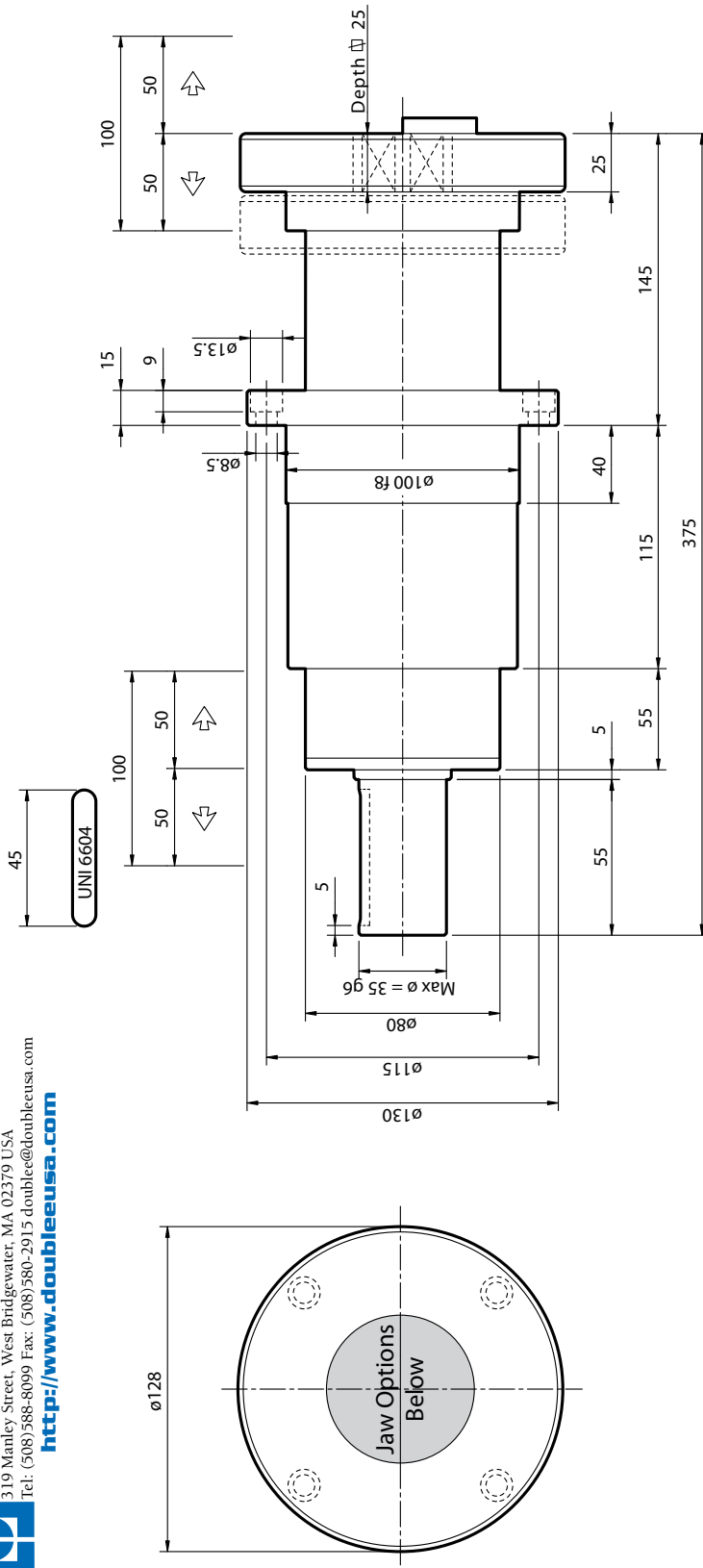


Replaceable Inserts: Yes ☐ No ☐

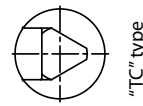
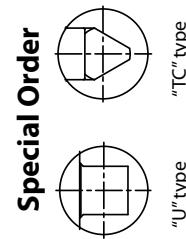
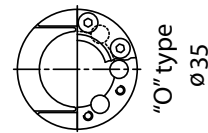
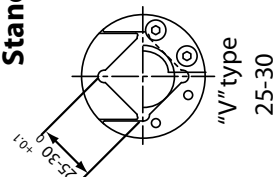
Size Needed _____

Model: **SL500/F2/(I)V25-30/C100**
SL500/F2/IO35/C100

Max. Load per Safety Chuck = **674 lbs.** (3000 N)



Standard Jaw Options



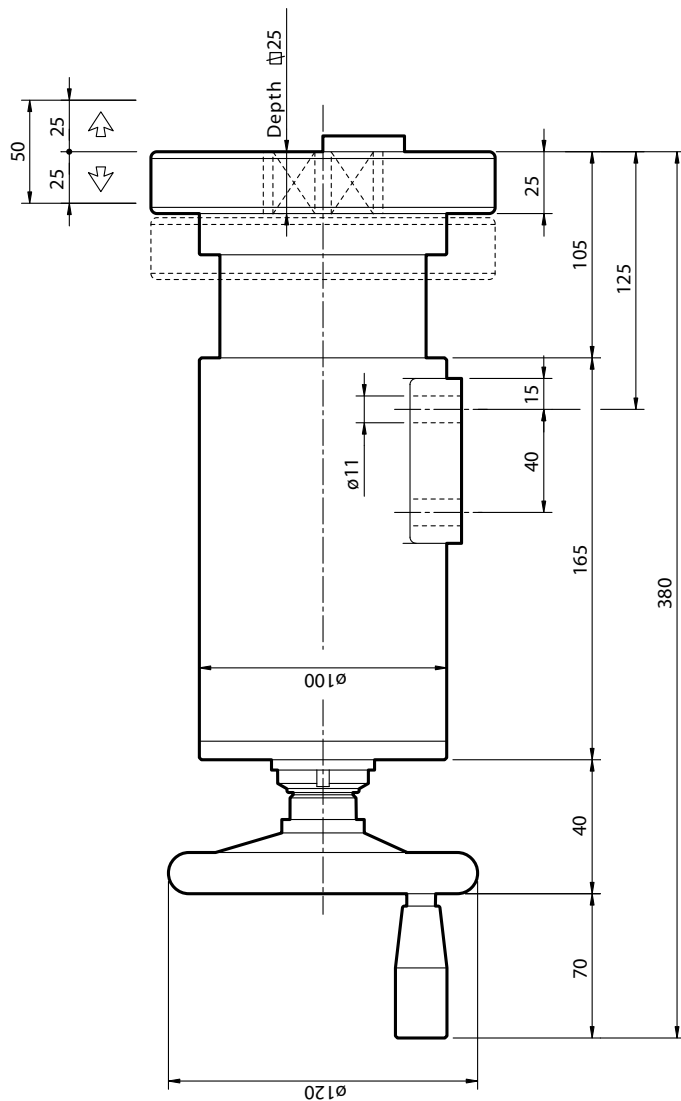
Special Order

Replaceable Inserts: Yes ☐ No ☐

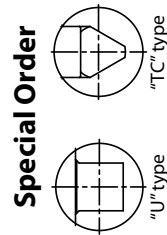
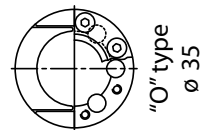
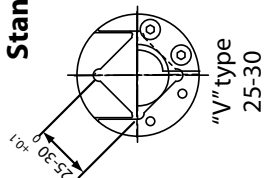
Size Needed _____

Model: **SL500/F1/(I)V25-30/C100**
SL500/F1/IO35/C100

Maximum Load per Safety Chuck = **674 lbs.** (3000 N)
 Maximum Transmissible Torque** = **221 lbf-ft** (300 Nm)
 ** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options



Special Order

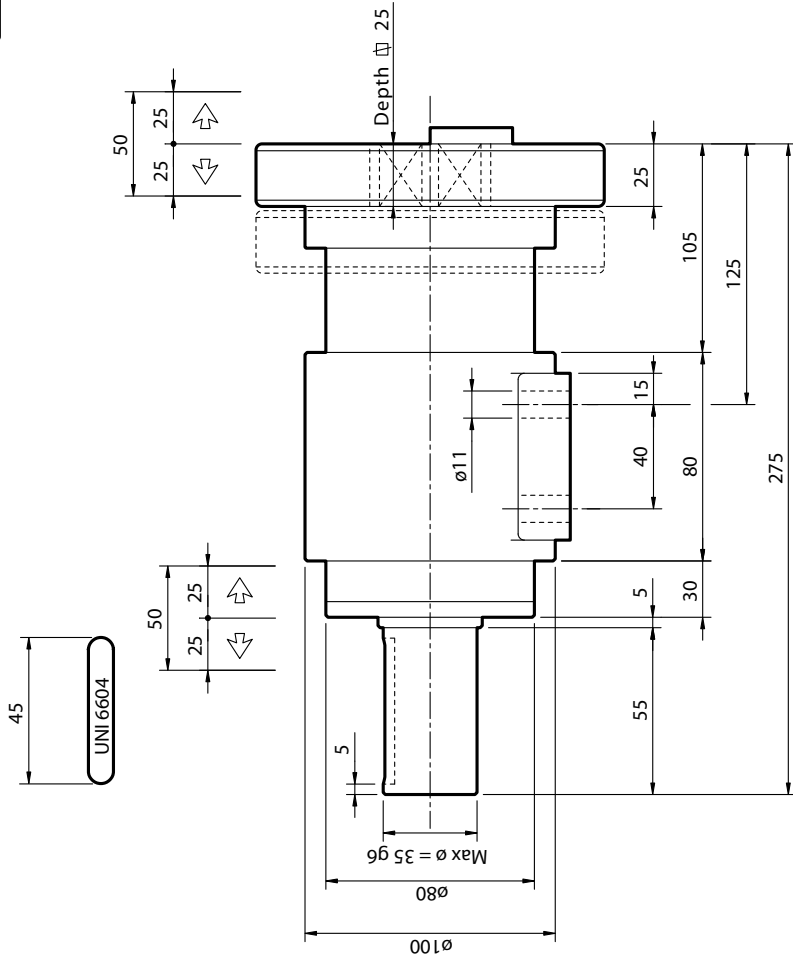


Replaceable Inserts: Yes ☐ No ☐

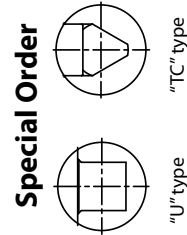
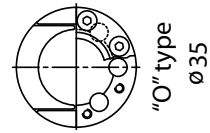
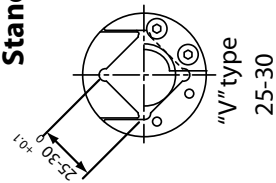
Size Needed _____

Model: SL500/P2/(I)V25-30/C50
 SL500/P2/IO35/C50

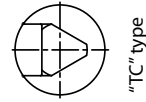
Max. Load per Safety Chuck = **787 lbs.** (3500 N)



Standard Jaw Options



Special Order

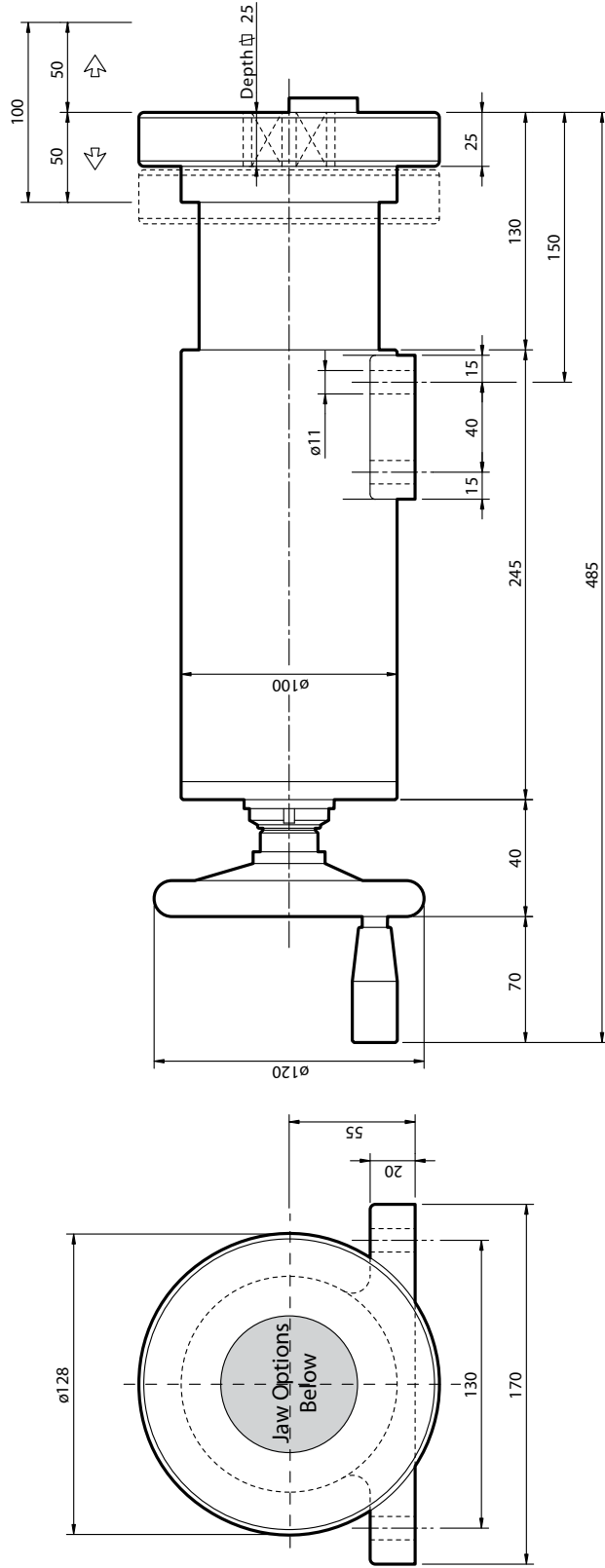


Replaceable Inserts: Yes ☐ No ☐

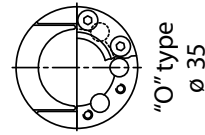
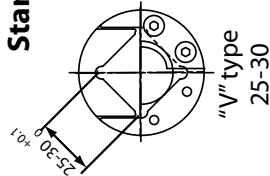
Size Needed _____

Model: **SL500/P1/(I)V25-30/C50**
SL500/P1/IO35/C50

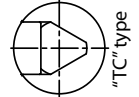
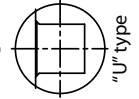
Maximum Load per Safety Chuck = **787 lbs.** (3500 N)
 Maximum Transmissible Torque** = **221 lbf-ft** (300 Nm)
 ** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options



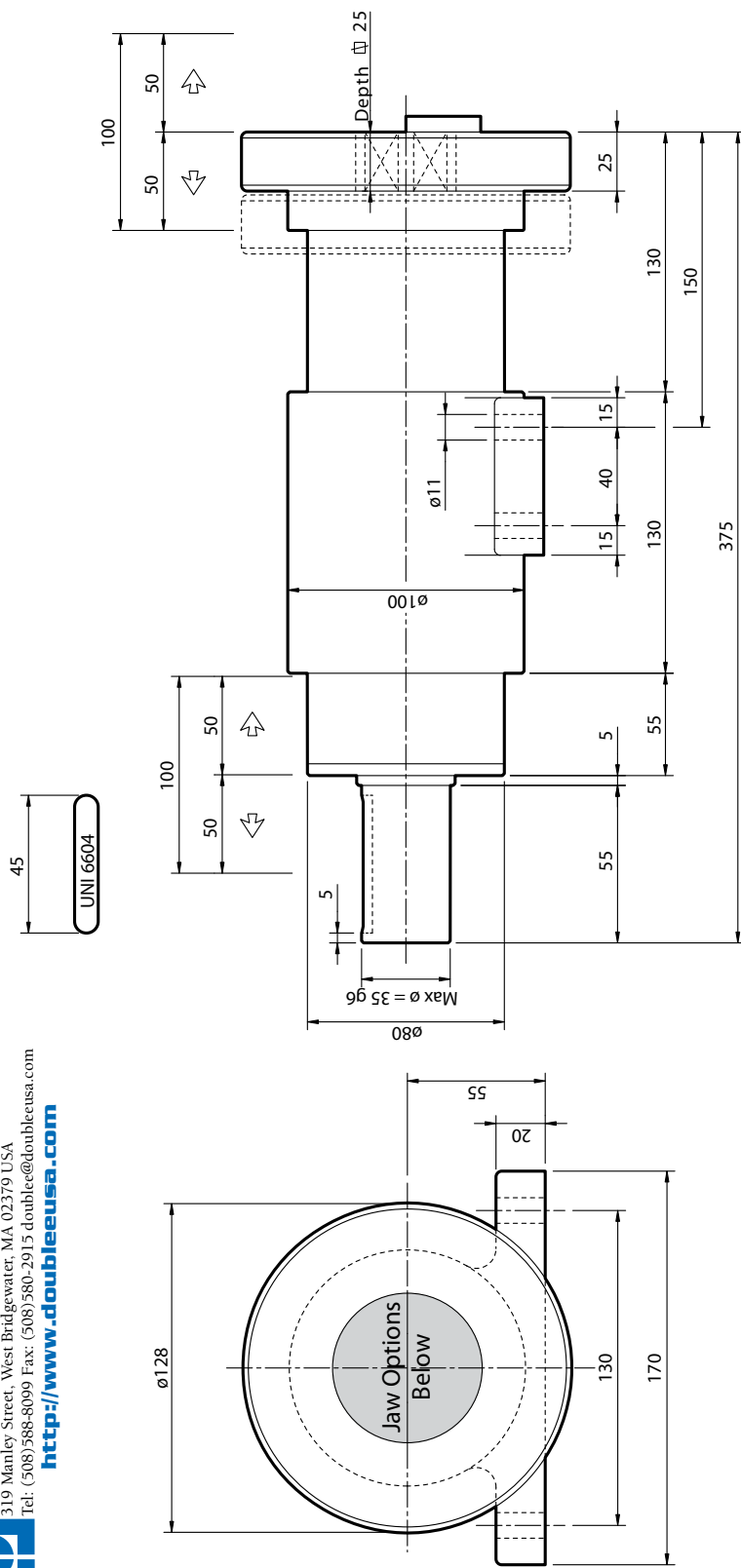
Special Order



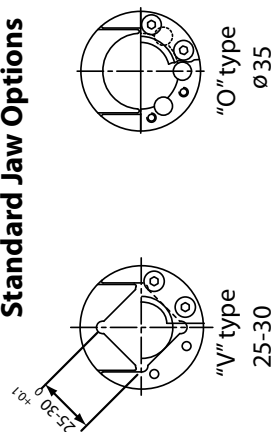
Replaceable Inserts: Yes ☐ No ☐
 Size Needed _____

Model: **SL500/P2/(I)V25-30/C100**
SL500/P2/IO35/C100

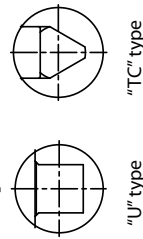
Max. Load per Safety Chuck = **674 lbs.** (3000 N)



Standard Jaw Options



Special Order



Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

Model: **SL500/P1/(I)V25-30/C100**
SL500/P1/IO35/C100

Maximum Load per Safety Chuck = **674 lbs.** (3000 N)
 Maximum Transmissible Torque** = **221 lbf-ft** (300 Nm)
 ** Values shown for maximum ϕ and standard spindle length.

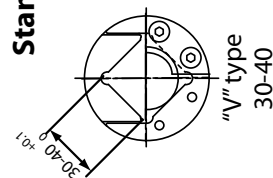


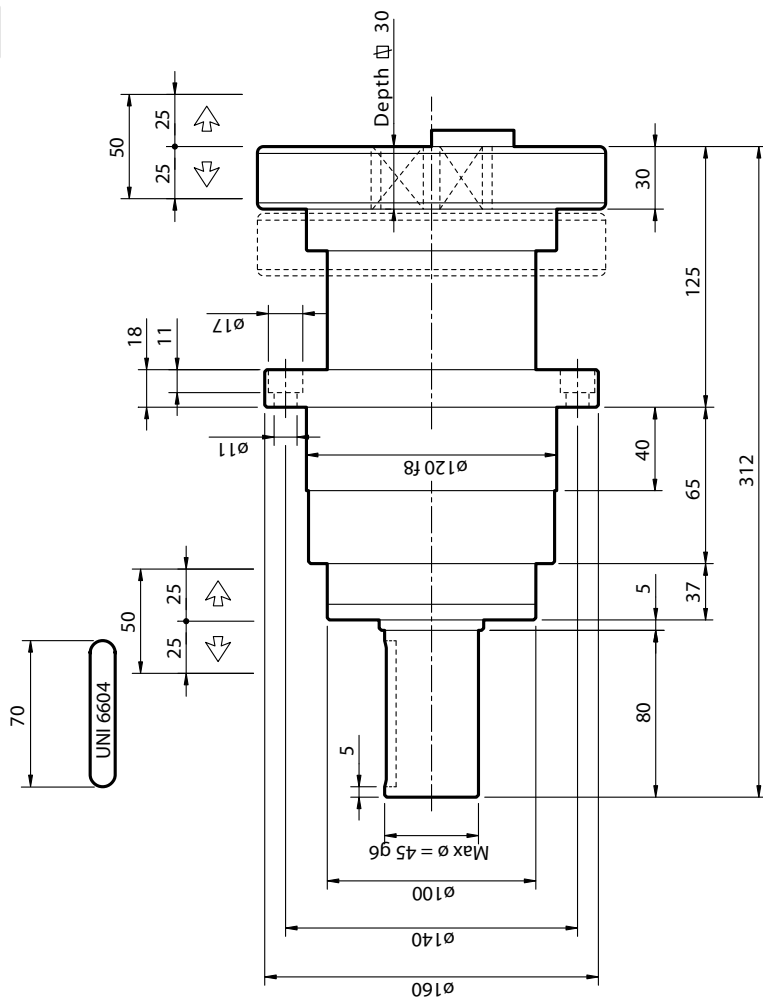
Figure 1 illustrates two types of circular cross-sections. The 'U' type features a central rectangular hole, while the 'TC' type features a central triangular hole with a rounded tip. Both diagrams include horizontal and vertical center lines intersecting at the center of the circle.

Replaceable Inserts: Yes ☐ No ☐

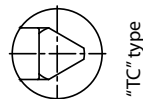
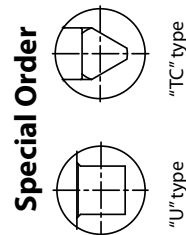
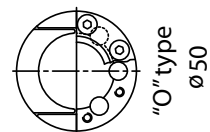
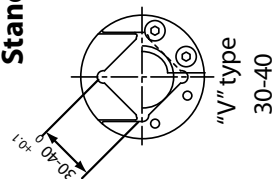
Size Needed _____

Model: SM500/F2/(I)V30-40/C50
SM500/F2/IO50/C50

Max. Load per Safety Chuck = **1619 lbs.** (7200 N)



Standard Jaw Options



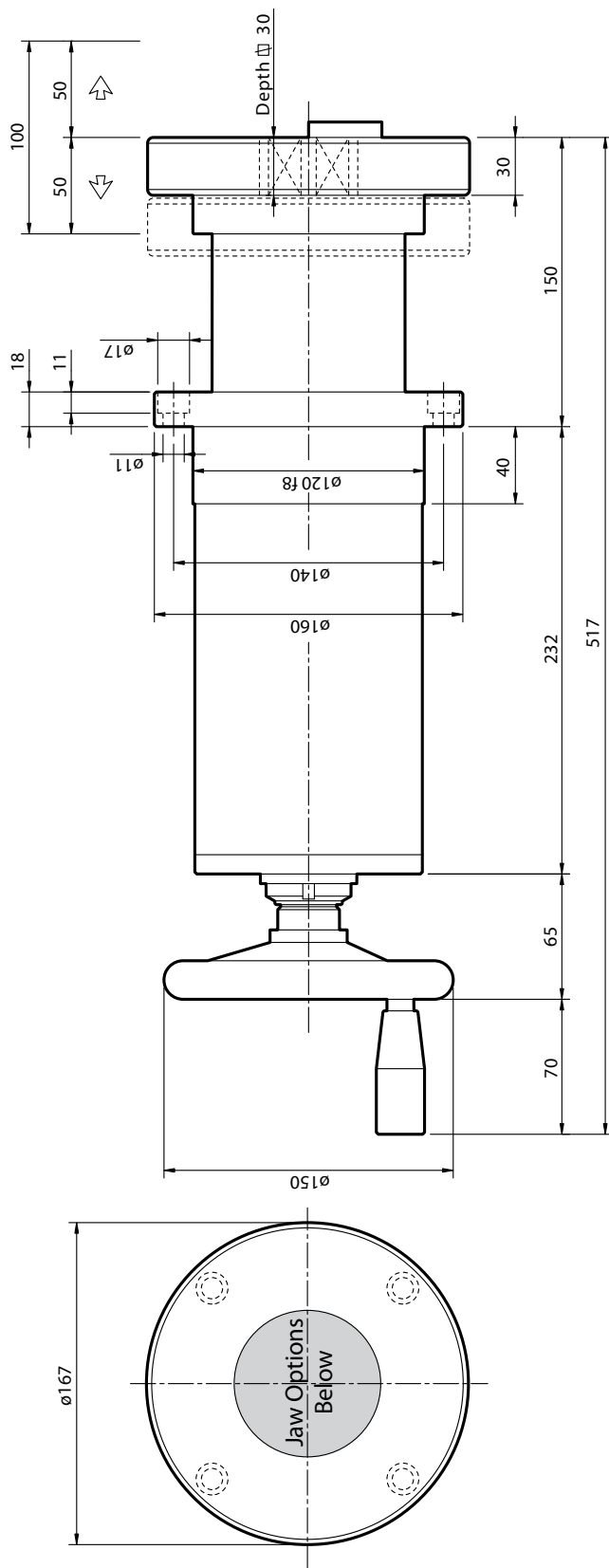
Special Order

Replaceable Inserts: Yes ☐ No ☐

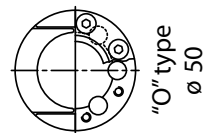
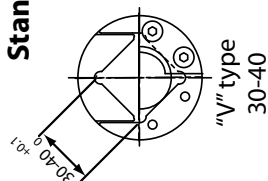
Size Needed _____

Model: **SM500/F1/(I)V30-40/C50**
SM500/F1/IO50/C50

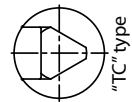
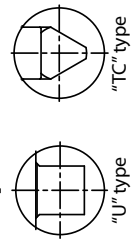
Maximum Load per Safety Chuck = **1619 lbs.** (7200 N)
 Maximum Transmissible Torque** = **664 lbf-ft** (900 Nm)
 ** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options



Special Order

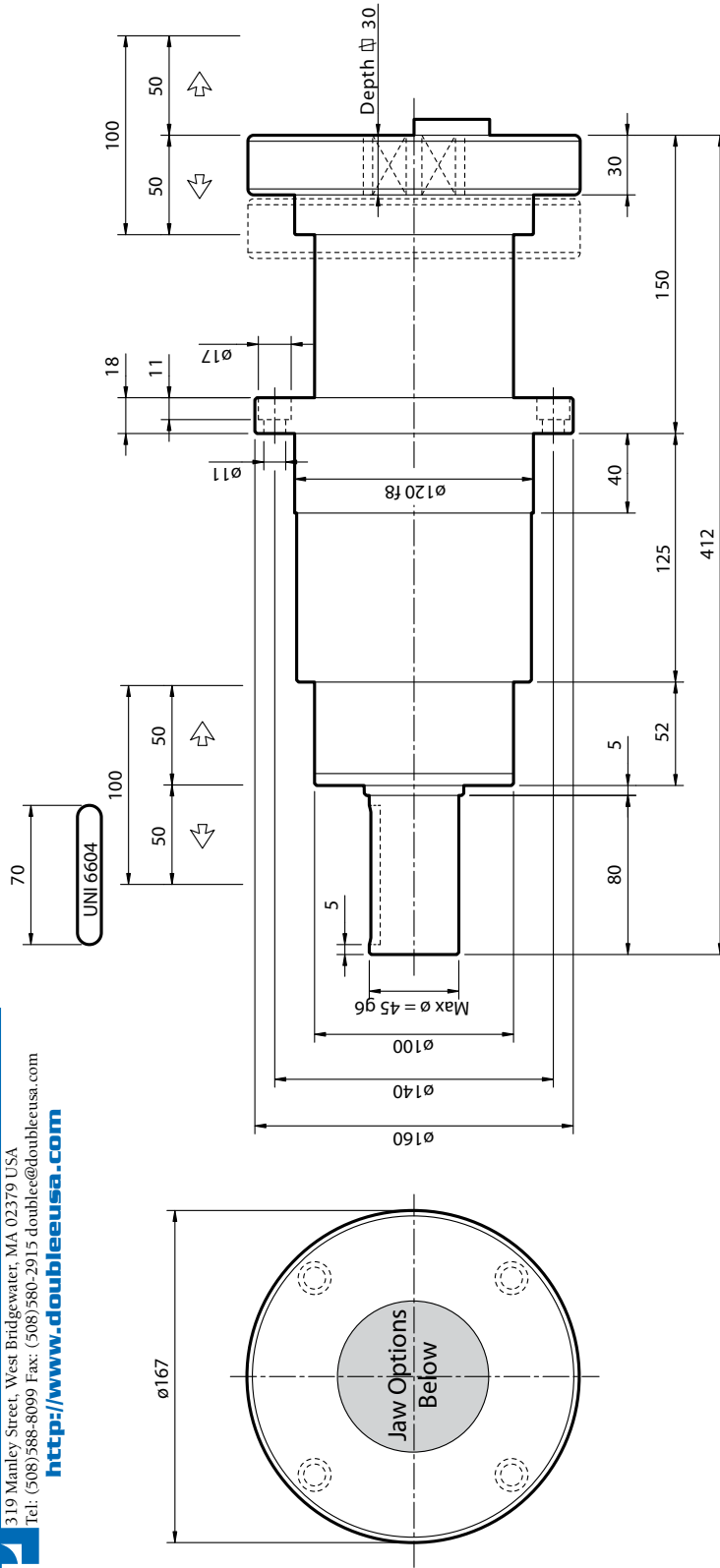


Replaceable Inserts: Yes ☐ No ☐

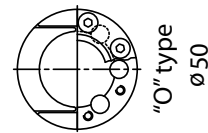
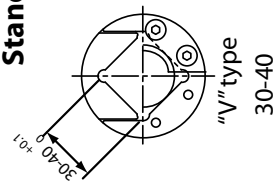
Size Needed _____

Model: **SM500/F2/(I)V30-40/C100**
SM500/F2/IO50/C100

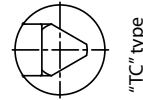
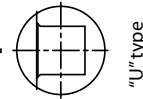
Max. Load per Safety Chuck = **1124 lbs.** (5000 N)



Standard Jaw Options



Special Order

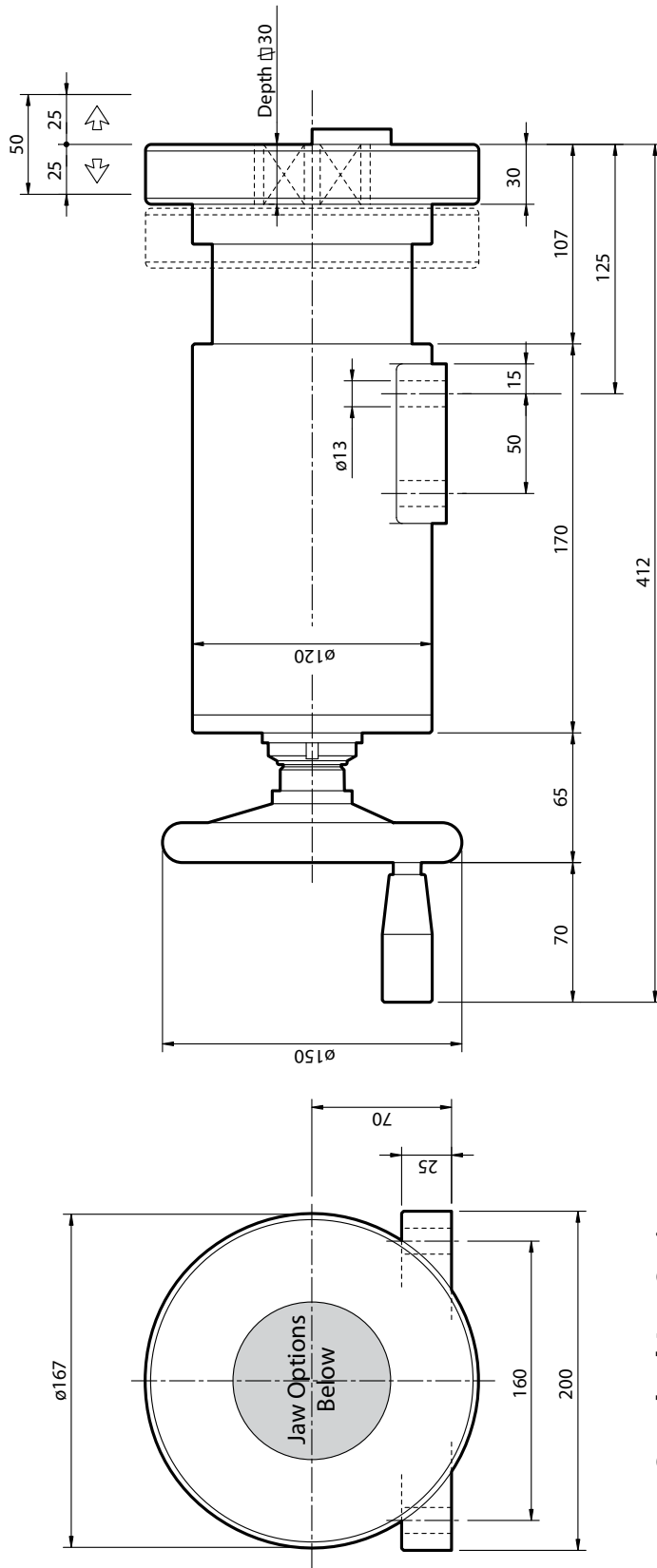


Replaceable Inserts: Yes ☐ No ☐

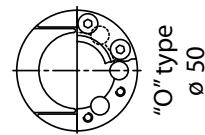
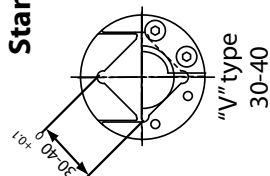
Size Needed _____

Model: **SM500/F1/(I)V30-40/C100**
SM500/F1/IO50/C100

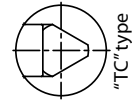
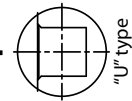
Maximum Load per Safety Chuck = **1124 lbs.** (5000 N)
 Maximum Transmissible Torque** = **664 lbf-ft** (900 Nm)
 ** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options



Special Order



Replaceable Inserts: Yes ☐ No ☐

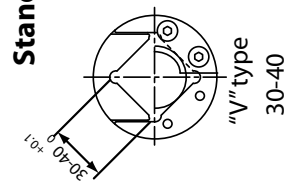
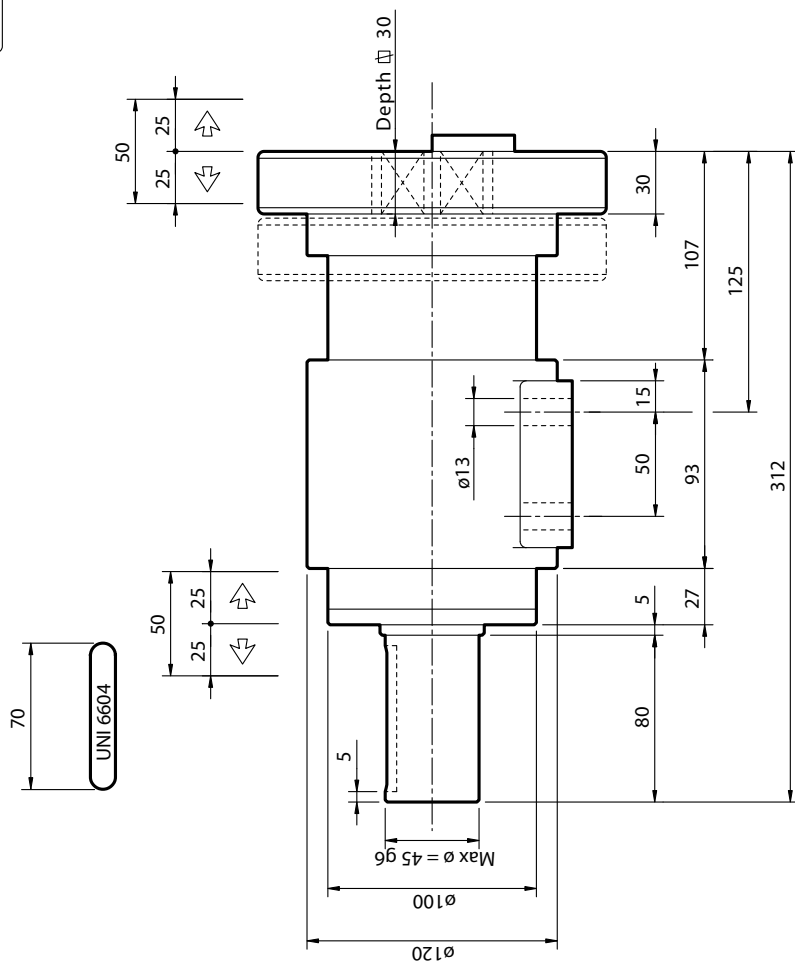
Size Needed _____

Model: **SM500/P2/(I)V30-40/C50**
SM500/P2/IO50/C50

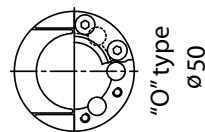
Max. Load per Safety Chuck = **1619 lbs.** (7200 N)



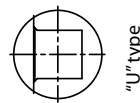
3319 Manley Street, West Bridgewater, MA 02379 USA
Tel: (508) 588-8099 Fax: (508) 580-2915 doublee@doubleeusa.com
<http://www.doubleeusa.com>



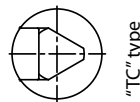
Standard Jaw Options



"O" type
ø50



"U" type



"TC" type

Special Order

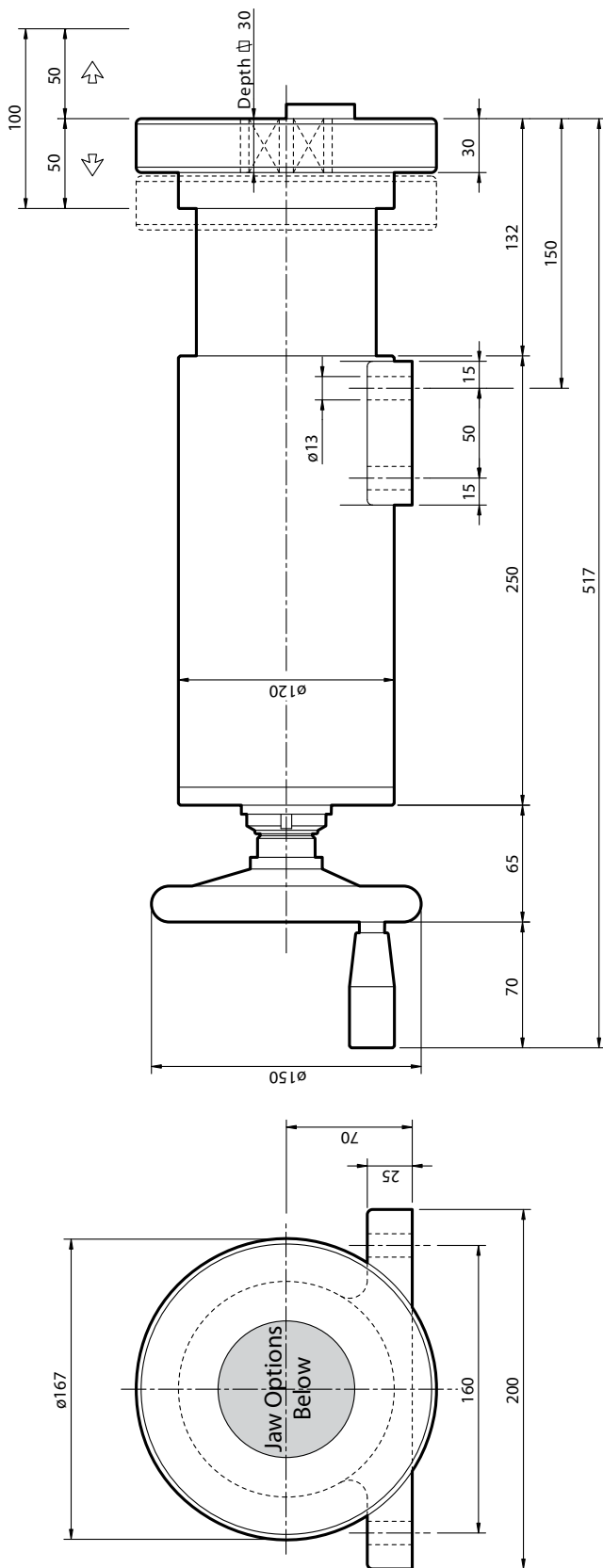
Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

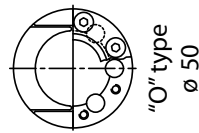
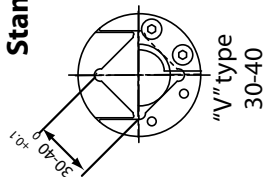
SM500/P1/(I)V30-40/C50
SM500/P1/IO50/C50

Model:

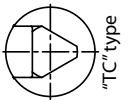
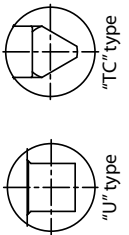
Maximum Load per Safety Chuck = **1619 lbs.** (7200 N)
Maximum Transmissible Torque** = **664 lbf-ft** (900 Nm)
** Values shown for maximum $\varnothing$ and standard spindle length.



Standard Jaw Options



Special Order

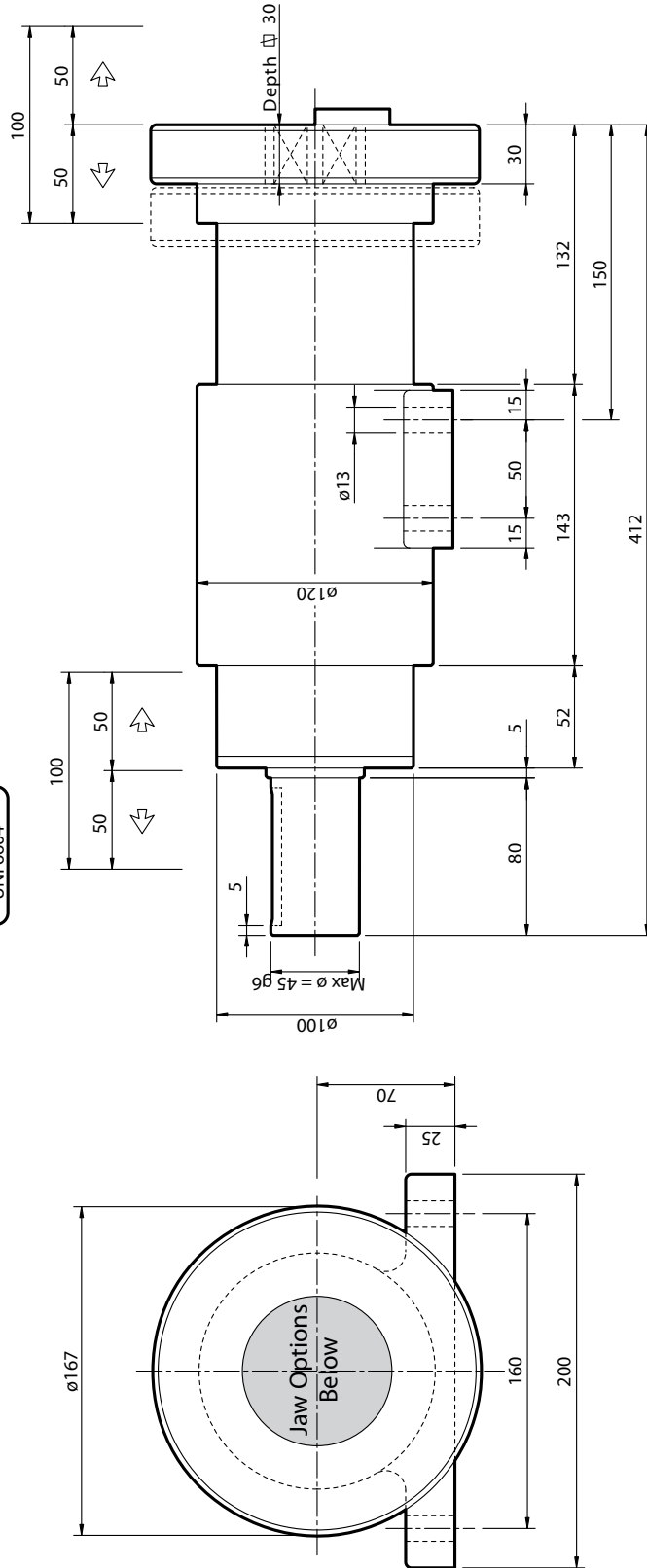
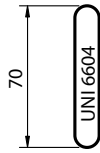


Replaceable Inserts: Yes ☐ No ☐

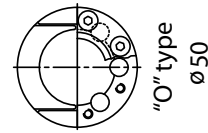
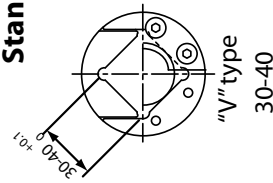
Size Needed _____

Model: **SM500/P2/(I)V30-40/C100**
SM500/P2/IO50/C100

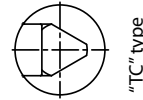
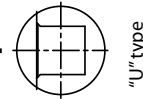
Max. Load per Safety Chuck = **1124 lbs.** (5000 N)



Standard Jaw Options



Special Order

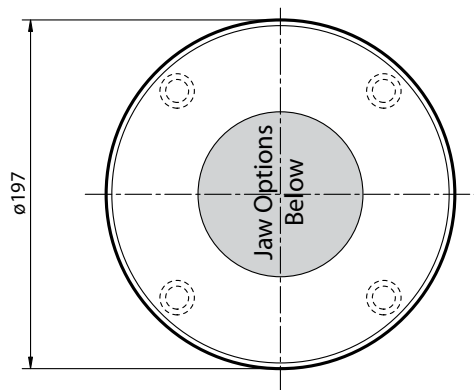
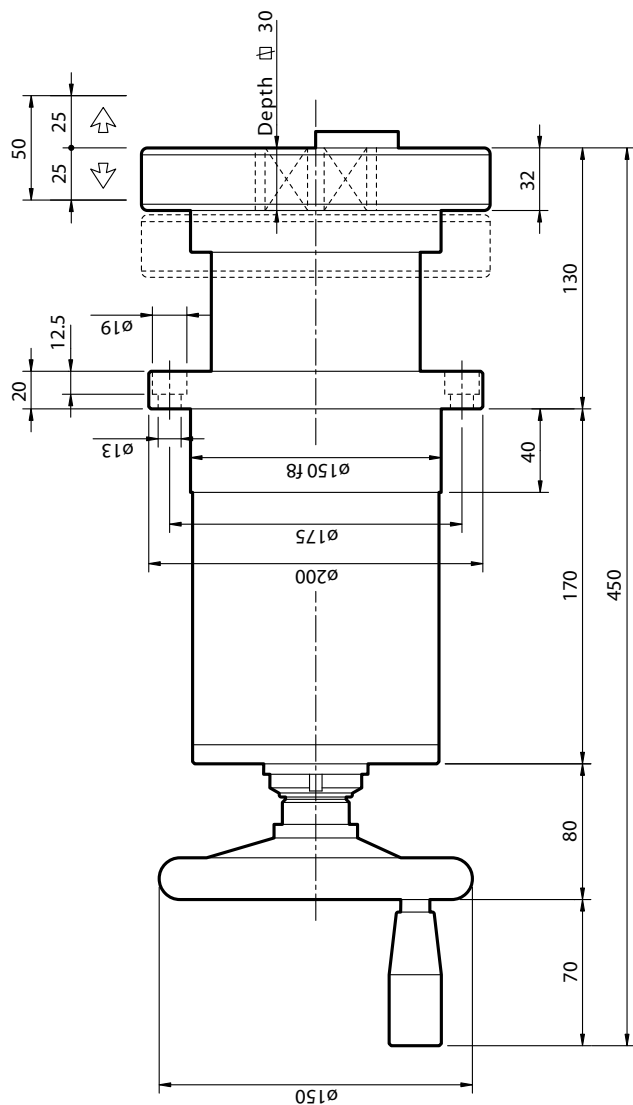


Replaceable Inserts: Yes ☐ No ☐

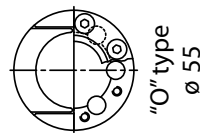
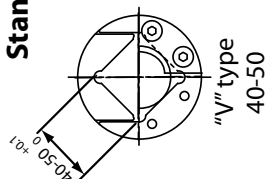
Size Needed _____

Model: **SM500/P1/(I)V30-40/C100**
SM500/P1/IO50/C100

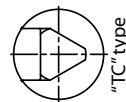
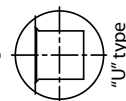
Maximum Load per Safety Chuck = **1124 lbs.** (5000 N)
 Maximum Transmissible Torque** = **664 lbf-ft** (900 Nm)
 ** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options



Special Order

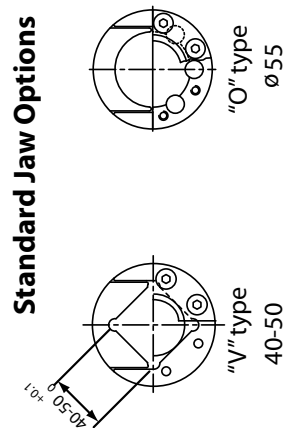
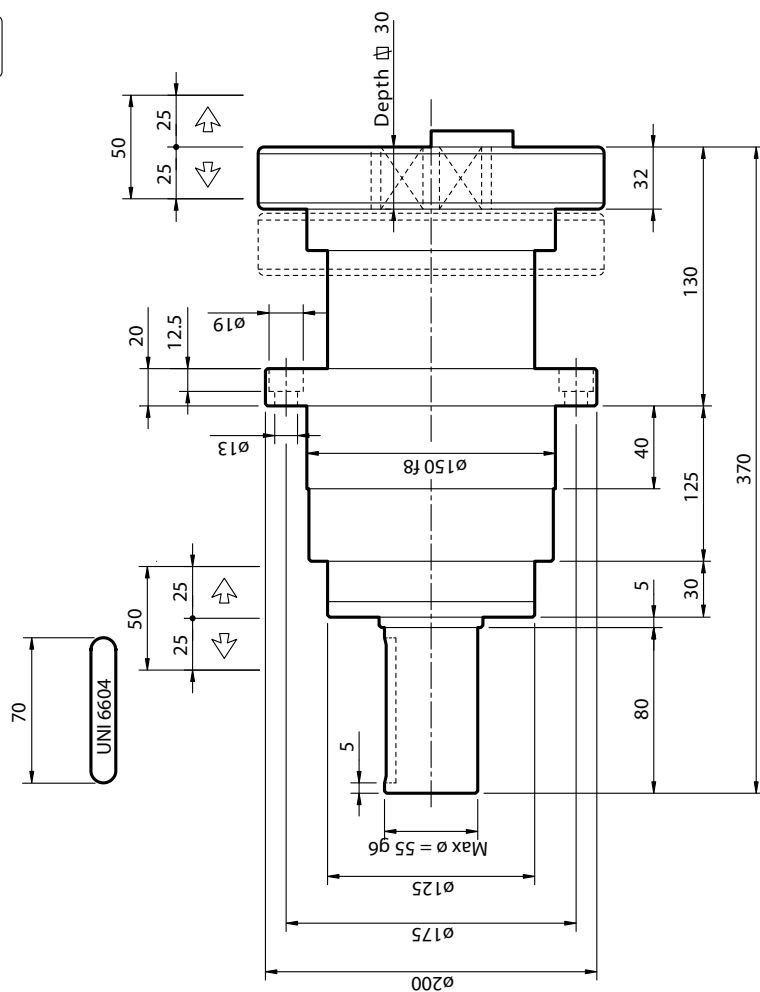


Replaceable Inserts: Yes ☐ No ☐

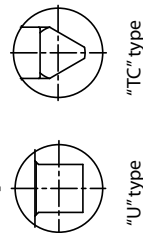
Size Needed _____

Model: SP500/F2/(I)V40-50/C50
SP500/F2/IO55/C50

Max. Load per Safety Chuck = **3147 lbs.** (14000 N)



Special Order

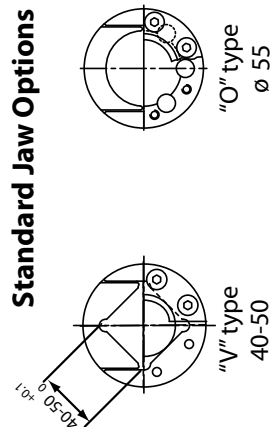
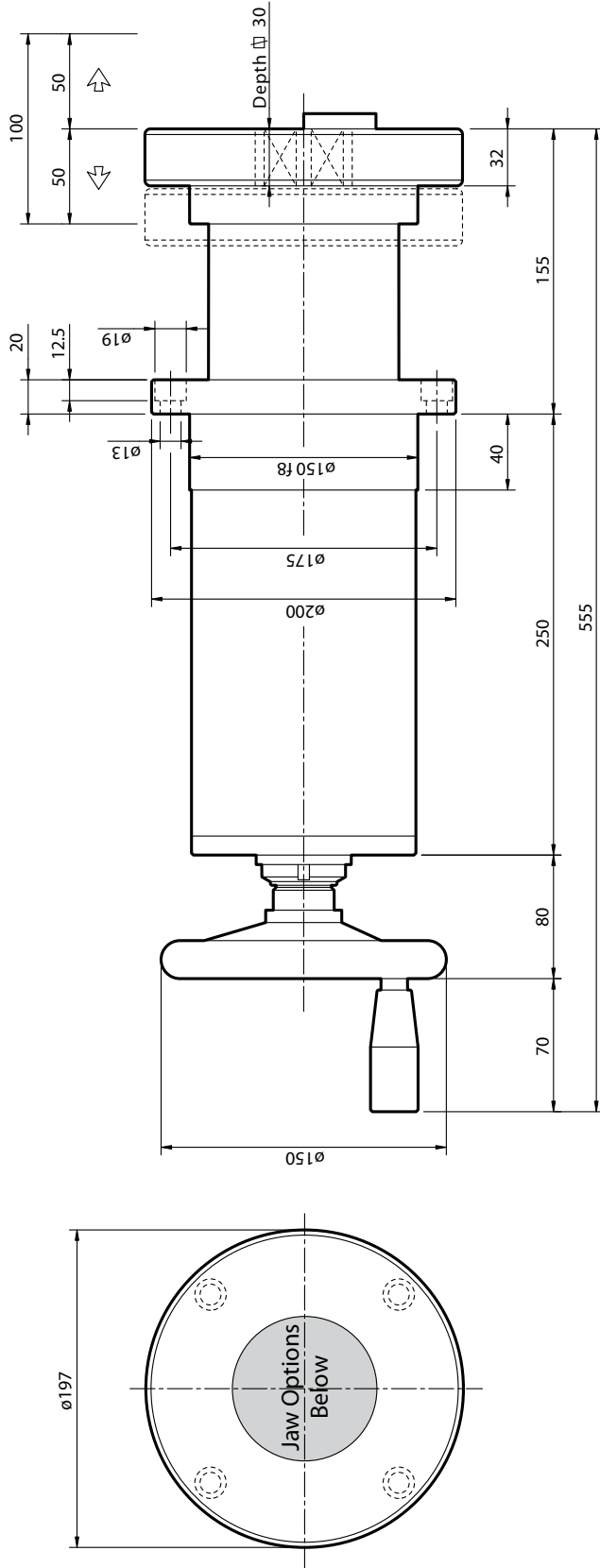


Replaceable Inserts: Yes ☐ No ☐

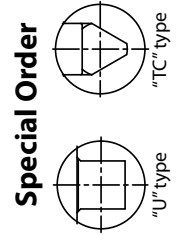
Size Needed _____

Maximum Load per Safety Chuck = **3147 lbs.** (14000 N)
Maximum Transmissible Torque** = **959 lbf-ft** (1300 Nm)
*** Values shown for maximum $\varnothing$ and standard spindle length.

Model: SP500/F1/(I)V40-50/C50
SP500/F1/IO55/C50



Standard Jaw Options

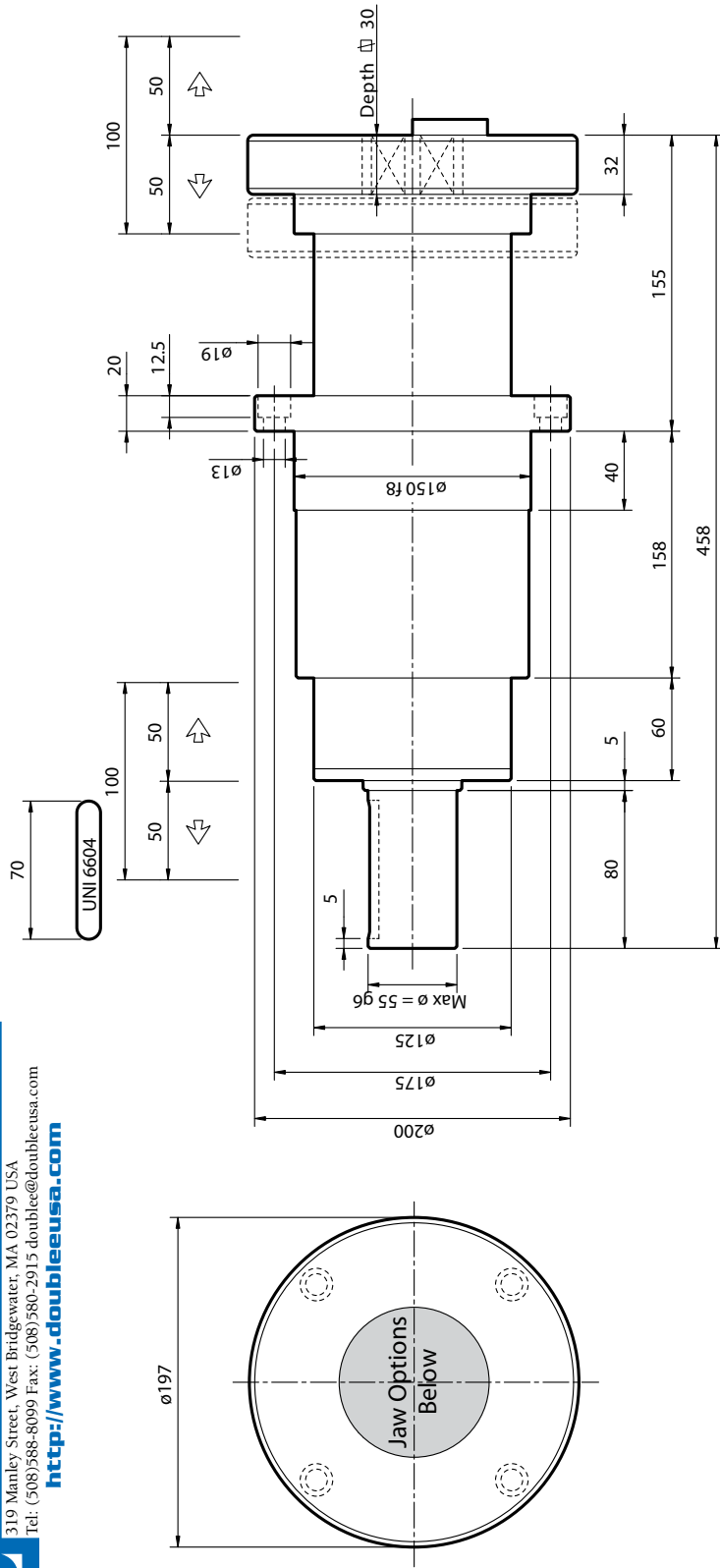


Special Order

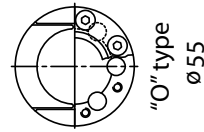
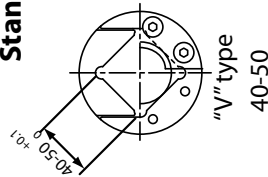
Replaceable Inserts: Yes ☐ No ☐
 Size Needed _____

Model: **SP500/F2/(I)V40-50/C100**
SP500/F2/IO55/C100

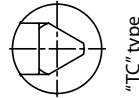
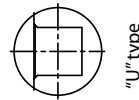
Max. Load per Safety Chuck = **2248 lbs.** (10000 N)



Standard Jaw Options



Special Order

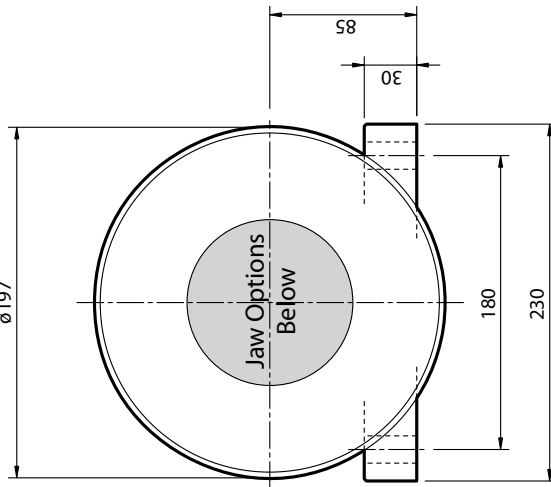
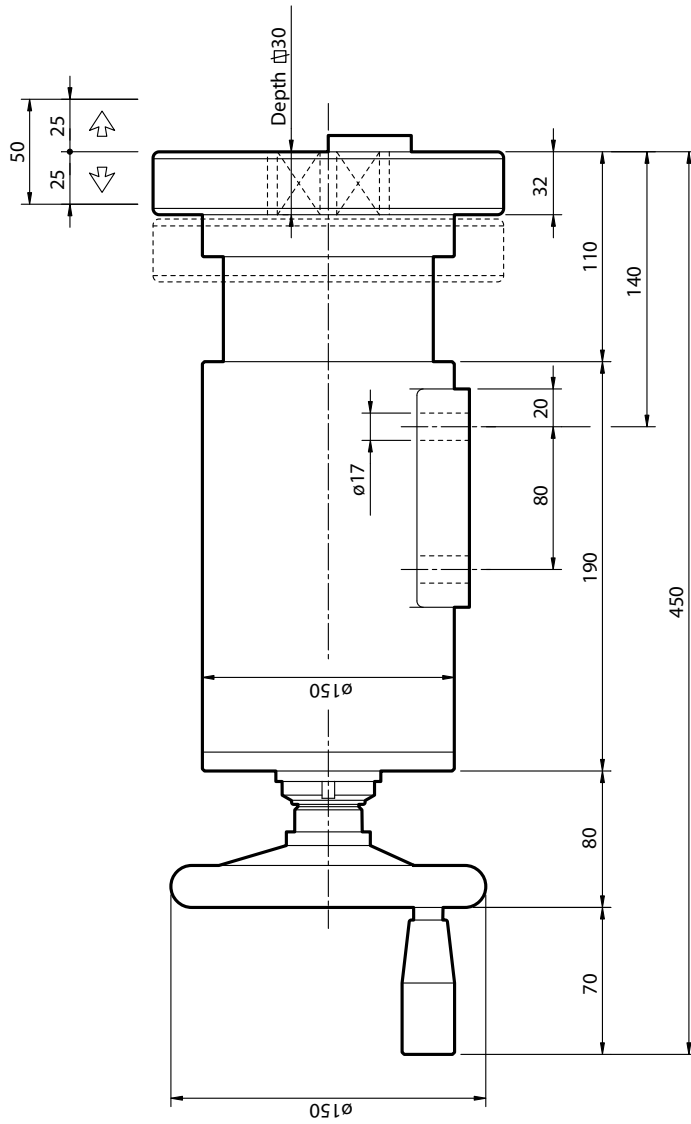


Replaceable Inserts: Yes ☐ No ☐

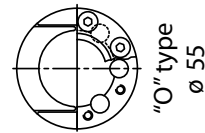
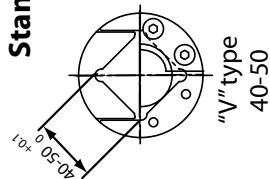
Size Needed _____

Model: **SP500/F1/(I)V40-50/C100**
SP500/F1/IO55/C100

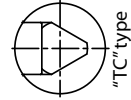
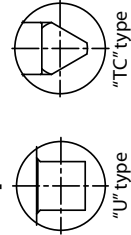
Maximum Load per Safety Chuck = **2248 lbs.** (10000 N)
 Maximum Transmissible Torque** = **959 lbf-ft** (1300 Nm)
 ** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options



Special Order

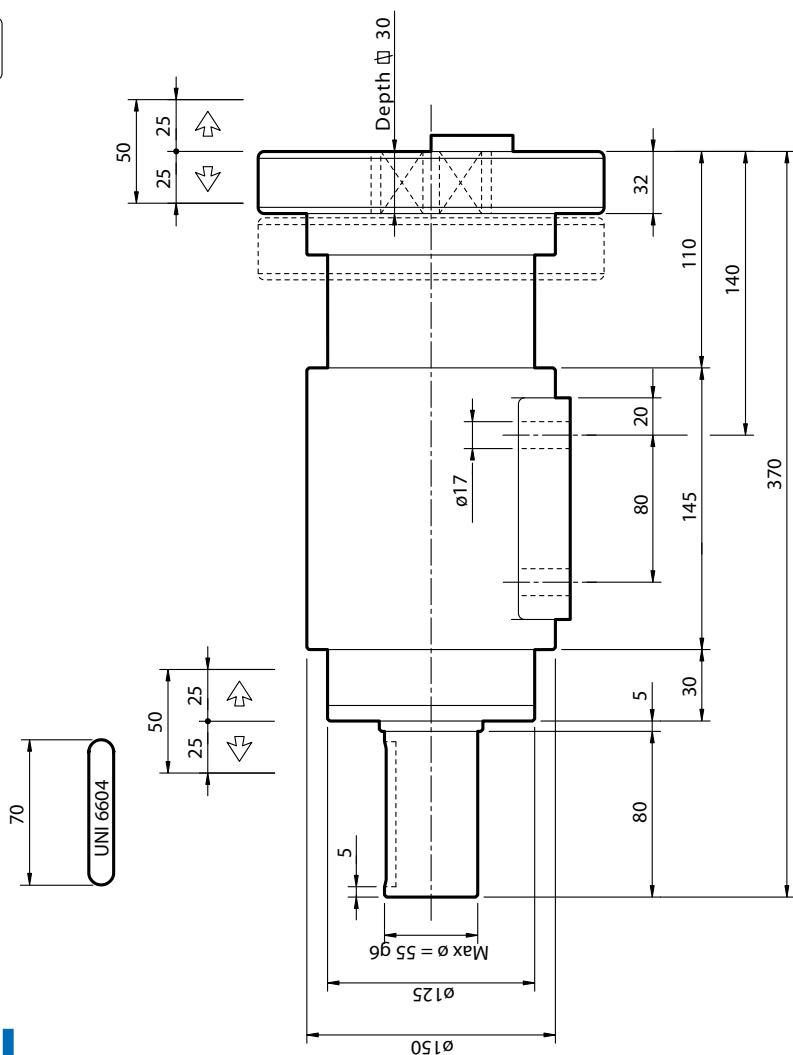


Replaceable Inserts: Yes ☐ No ☐

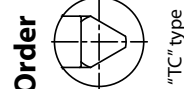
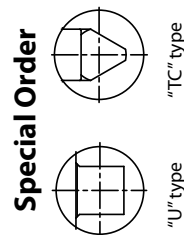
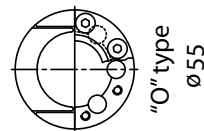
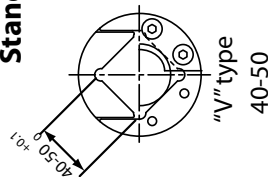
Size Needed _____

Model: **SP500/P2/(I)V40-50/C50**
SP500/P2/IO55/C50

Max. Load per Safety Chuck = **3147 lbs.** (14000 N)



Standard Jaw Options



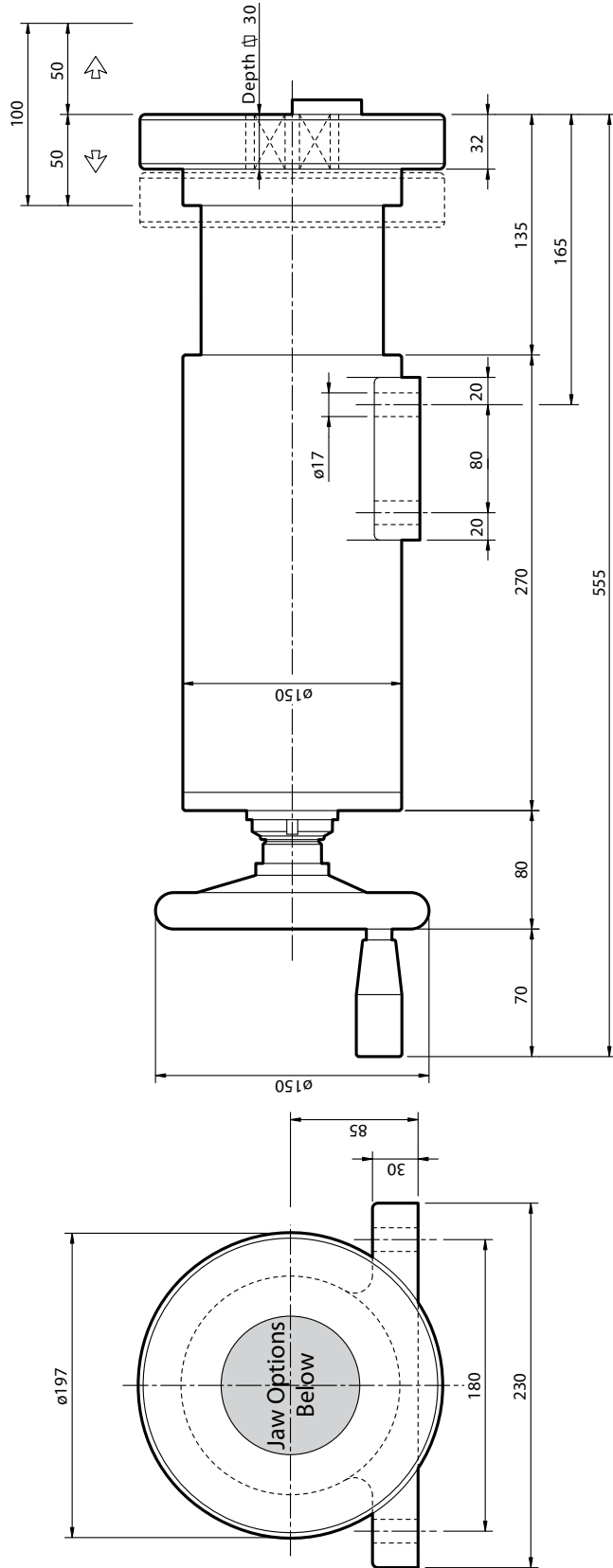
Special Order

Replaceable Inserts: Yes ☐ No ☐

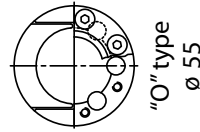
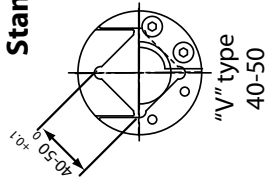
Size Needed _____

Model: **SP500/P1/(I)V40-50/C50**
SP500/P1/IO55/C50

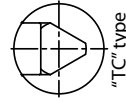
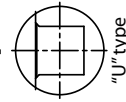
Maximum Load per Safety Chuck = **3147 lbs.** (14000 N)
 Maximum Transmissible Torque** = **959 lbf-ft** (1300 Nm)
 ** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options



Special Order

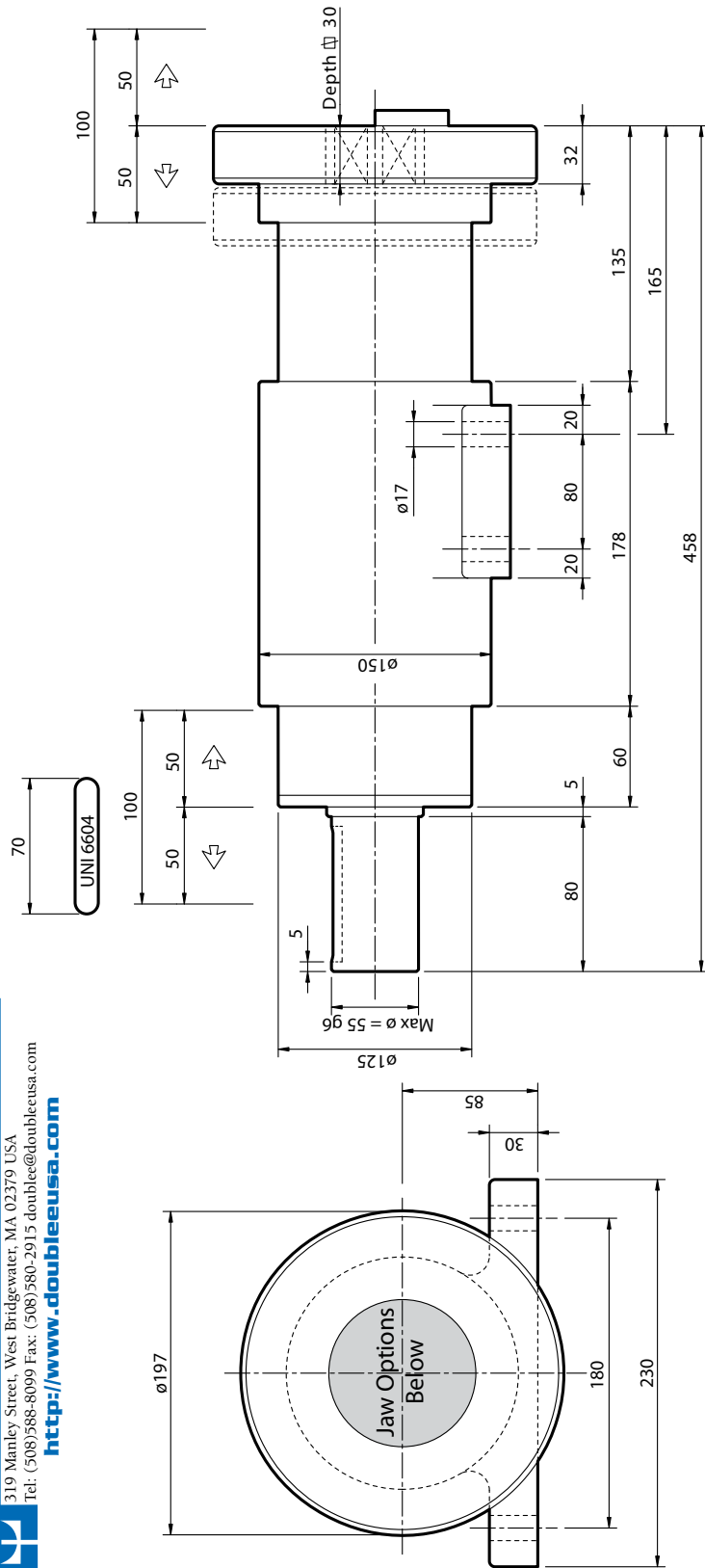


Replaceable Inserts: Yes ☐ No ☐

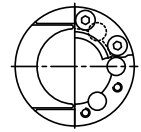
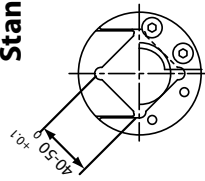
Size Needed _____

Model: **SP500/P2/(I)V40-50/C100**
SP500/P2/IO55/C100

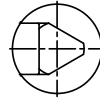
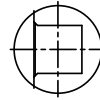
Max. Load per Safety Chuck = **2248 lbs.** (10000 N)



Standard Jaw Options



Special Order



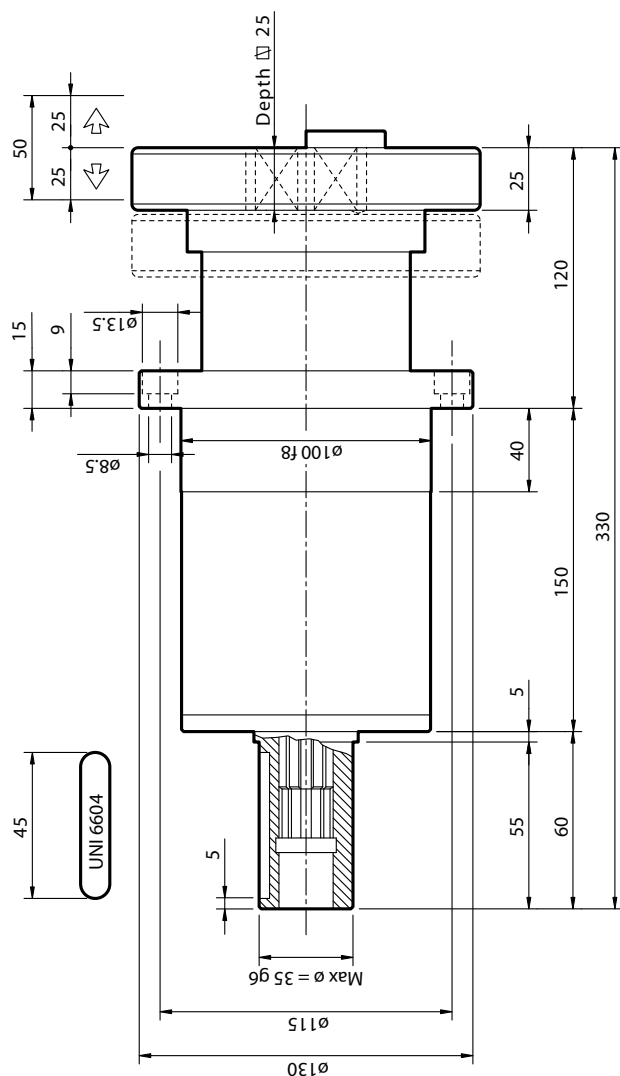
Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

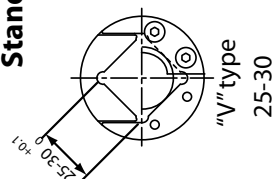
Model: **SP500/P1/(I)V40-50/C100**
SP500/P1/IO55/C100

Maximum Load per Safety Chuck = **2248 lbs.** (10000 N)
Maximum Transmissible Torque** = **959 lbf-ft** (1300 Nm)
** Values shown for maximum ϕ and standard spindle length.

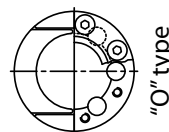
Sidelay Adjusted Safety Chucks With Splined Shaft Extension



Standard Jaw Options

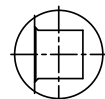


"V" type
25-30

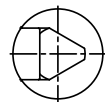


"O" type
 $\phi 35$

Special Order



"U" type



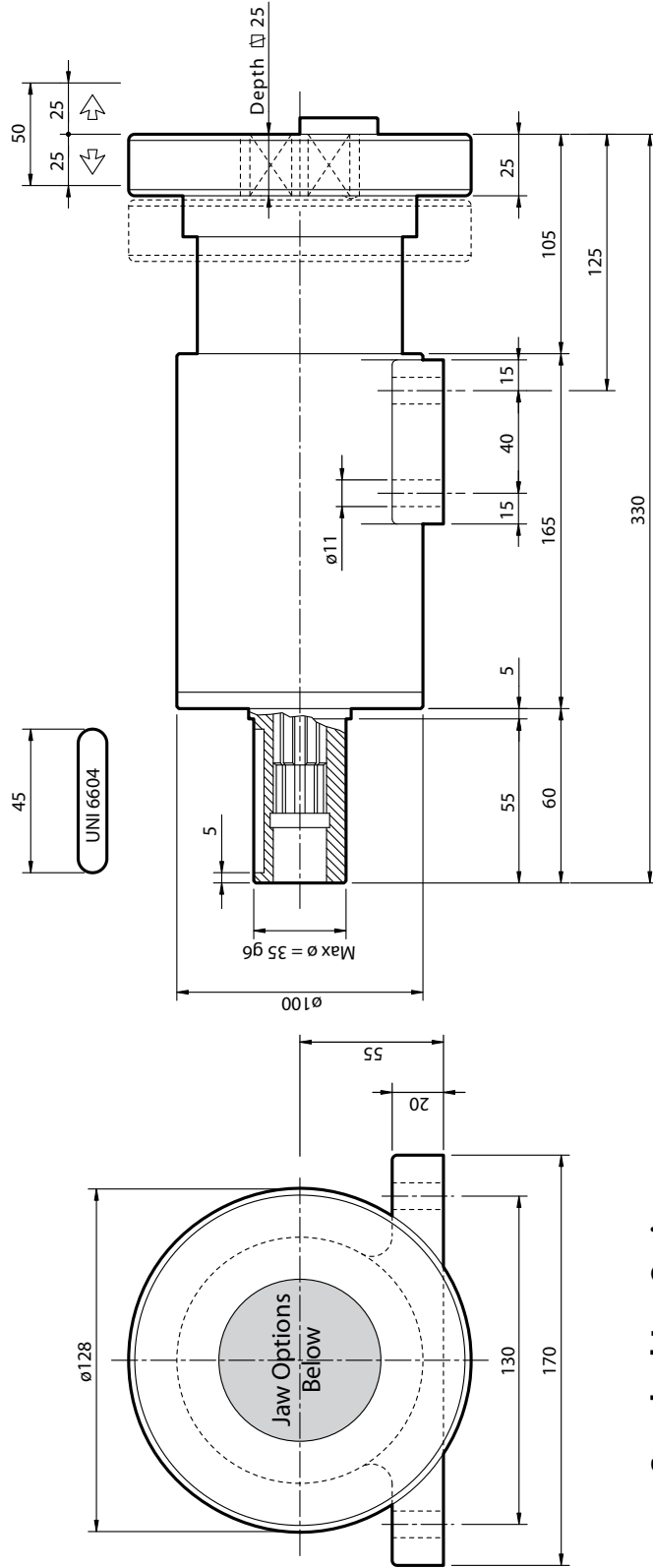
"TC" type

Replaceable Inserts: Yes ☐ No ☐

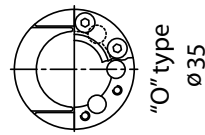
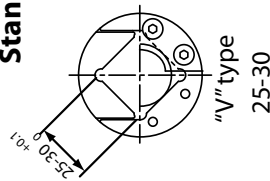
Size Needed _____

Model: **SL500/FS/(I)V25-30/C50**
SL500/FS/IO35/C50

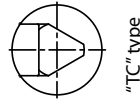
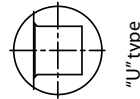
Maximum Load per Safety Chuck = **787 lbs.** (3500 N)
 Maximum Transmissible Torque** = **221 lbf-ft** (300 Nm)
 ** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options



Special Order

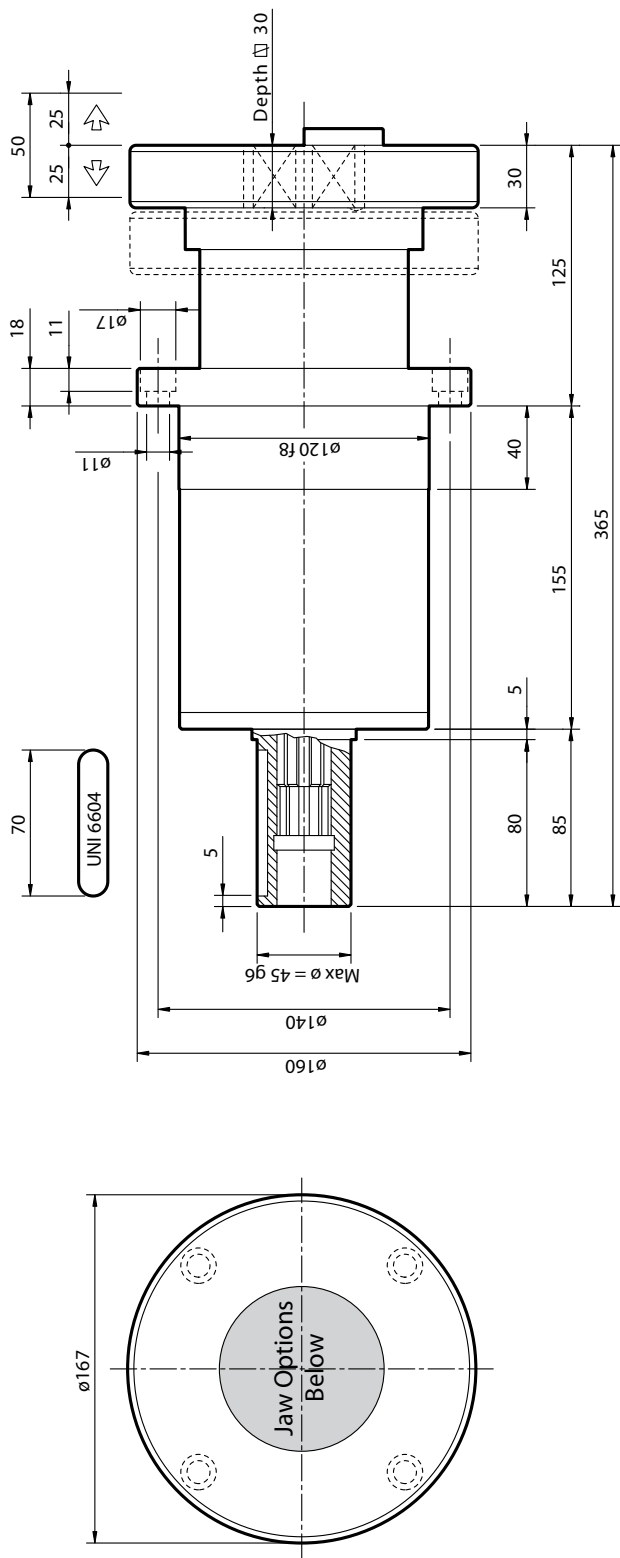


Replaceable Inserts: Yes ☐ No ☐

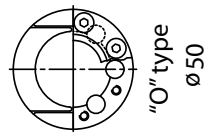
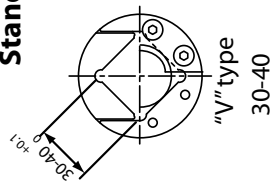
Size Needed _____

Model: **SL500/PS/(I)V25-30/C50**
SL500/PS/IO35/C50

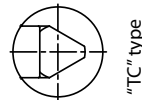
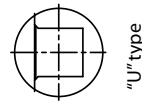
Maximum Load per Safety Chuck = **787 lbs.** (3500 N)
 Maximum Transmissible Torque** = **221 lbf-ft** (300 NM)
 ** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options



Special Order



Replaceable Inserts: Yes ☐ No ☐

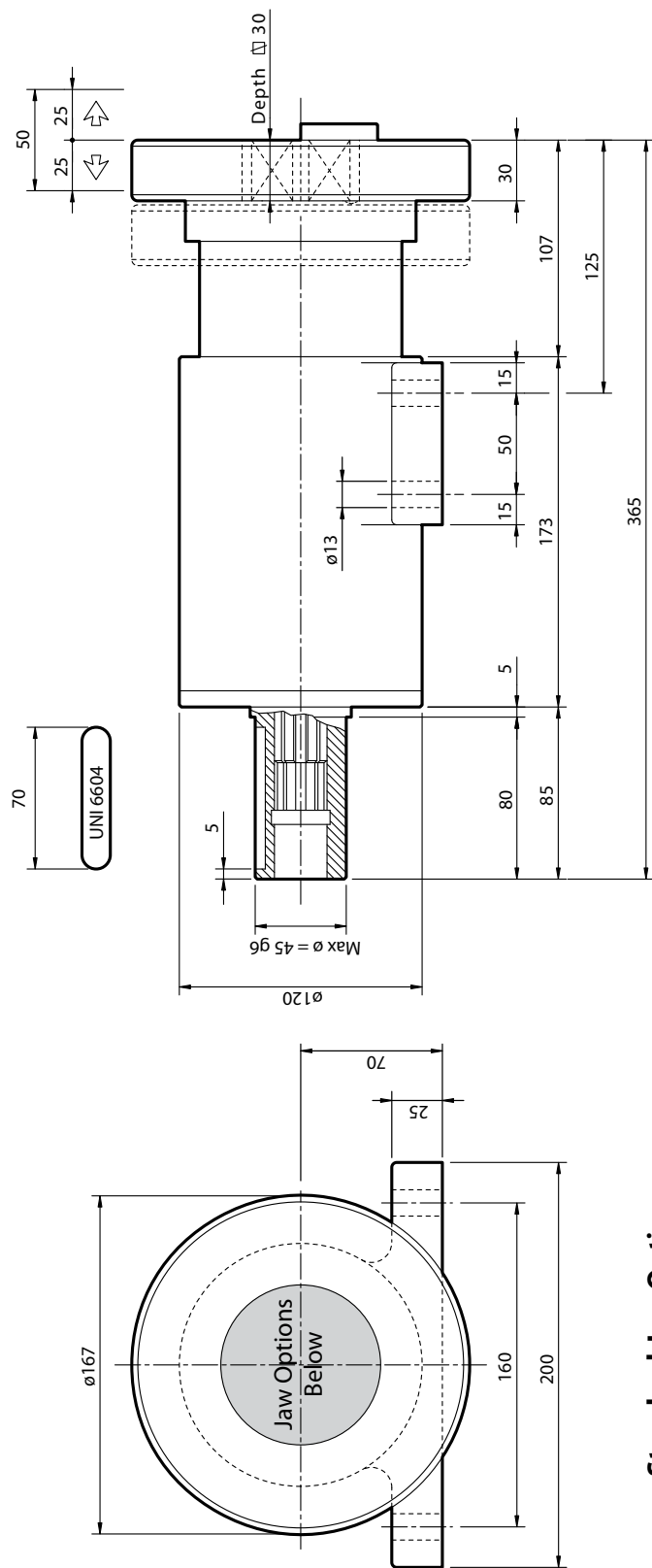
Size Needed _____

Maximum Load per Safety Chuck = **1618 lbs.** (7200 N)
 Maximum Transmissible Torque** = **664 lbf-ft** (900 Nm)
 ** Values shown for maximum ϕ and standard spindle length.

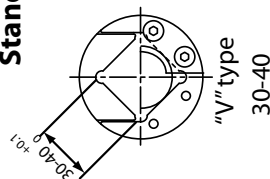
Model: **SM500/FS/(I)V30-40/C50**
SM500/FS/IO50/C50



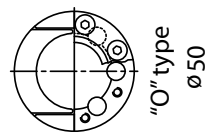
319 Manley Street, West Bridgewater, MA 02379 USA
Tel: (508) 588-8099 Fax: (508) 580-2915 doublee@doubleeusa.com
<http://www.doubleeusa.com>



Standard Jaw Options

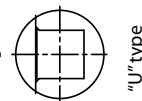


V" type
30-40

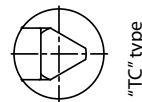


"O" typ
Ø 50

Special Order



"U" type



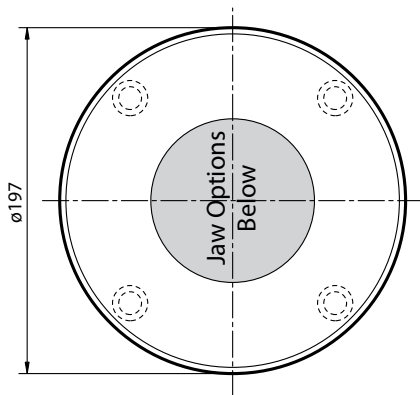
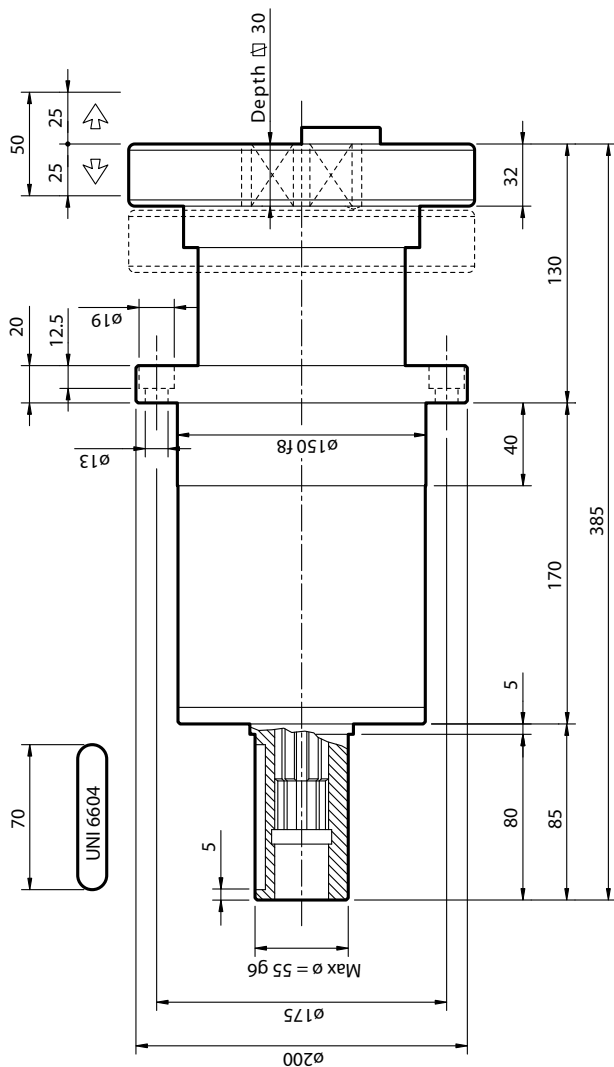
"TC" type

Replaceable Inserts: Yes ☐ No ☐

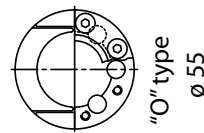
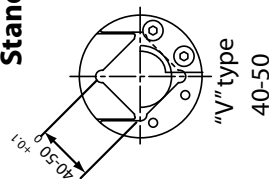
Size Needed _____

Model: SM500/PS/(I)V30-40/C50
SM500/PS/IO50/C50

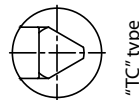
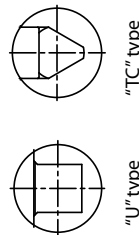
Maximum Load per Safety Chuck = **1618 lbs.** (7200 N)
Maximum Transmissible Torque** = **664 lbf-ft** (900 Nm)
** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options



Special Order

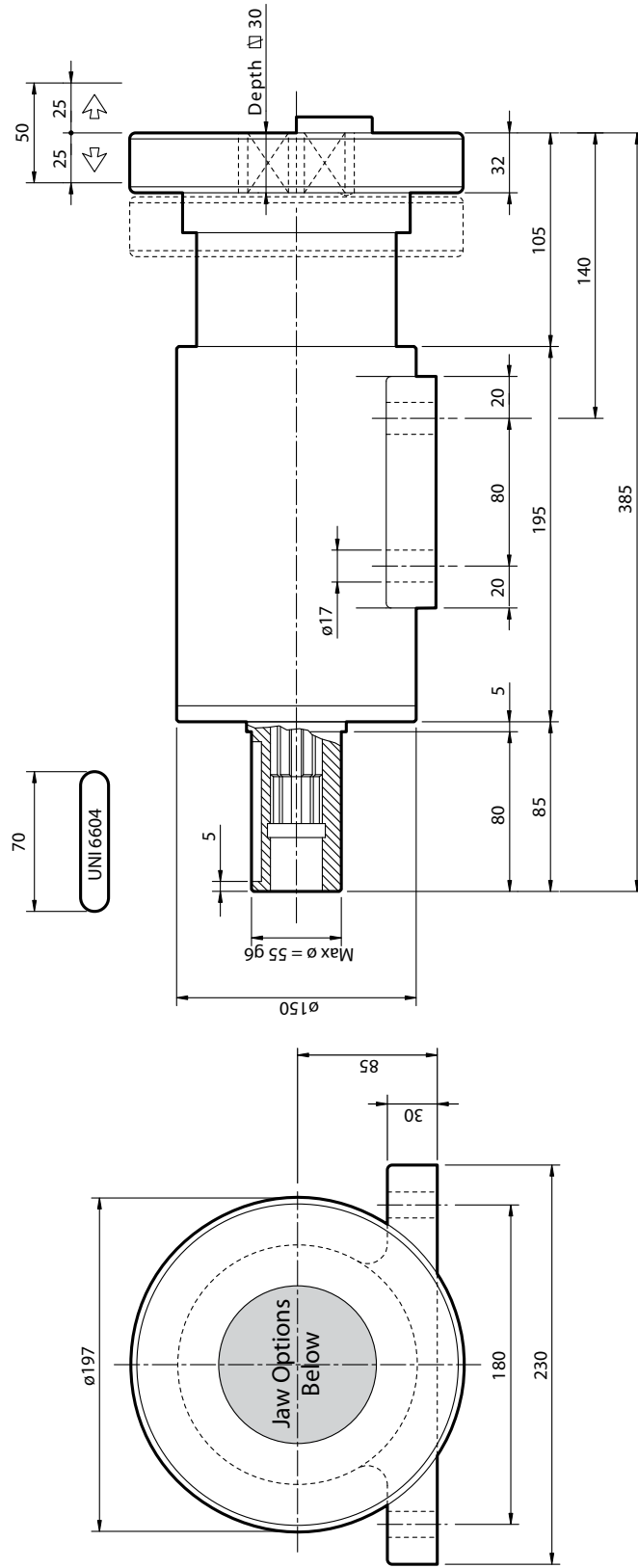


Replaceable Inserts: Yes ☐ No ☐

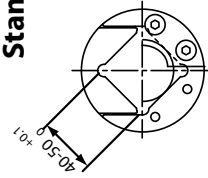
Size Needed _____

Model: **SP500/FS/(I)V40-50/C50**
SP500/FS/IO55/C50

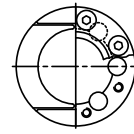
Maximum Load per Safety Chuck = **3147 lbs.** (14000 N)
 Maximum Transmissible Torque** = **959 lbf-ft** (1300 Nm)
 ** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options

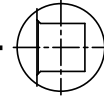


40-50

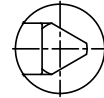


"O" type
 $\phi 55$

Special Order



"U" type



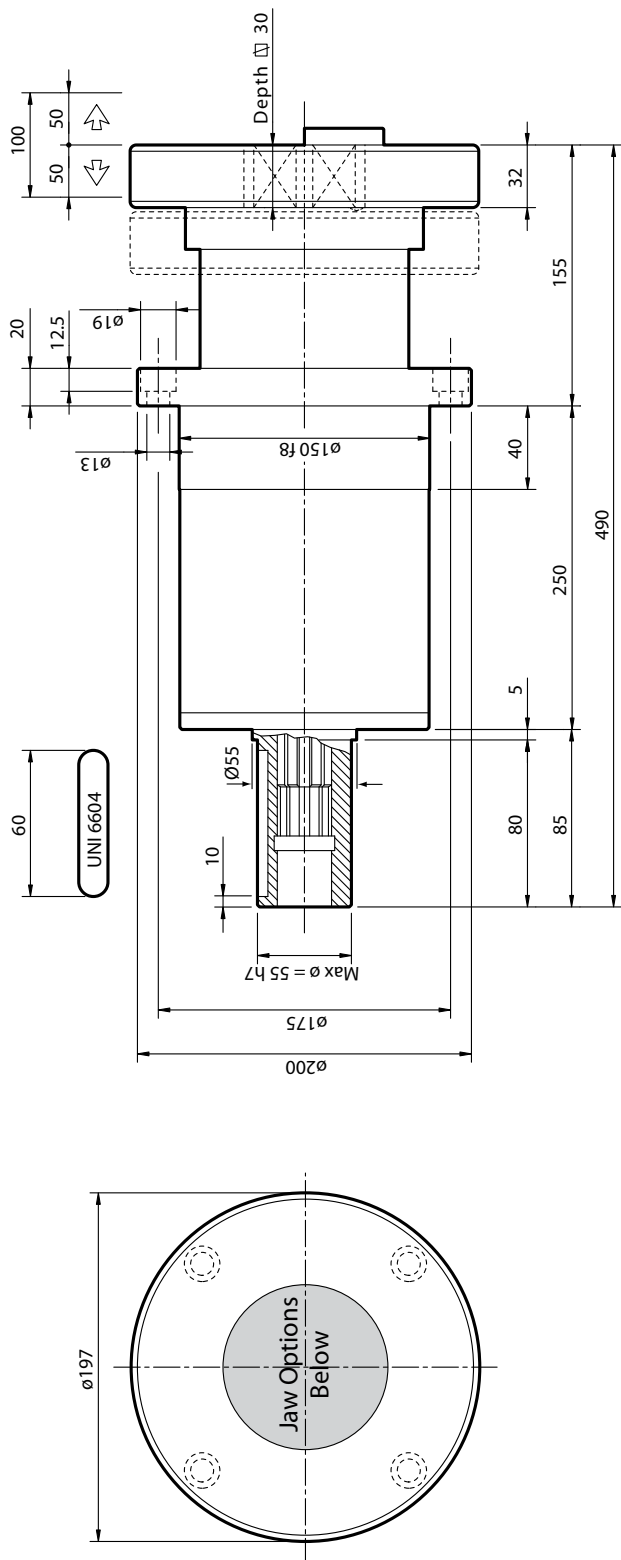
"TC" type

Replaceable Inserts: Yes ☐ No ☐

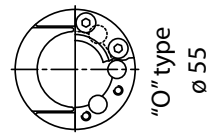
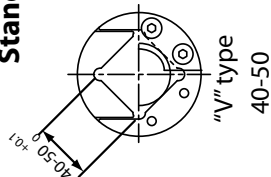
Size Needed _____

Model: **SP500/PS/(I)V40-50/C50**
SP500/PS/IO55/C50

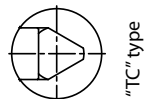
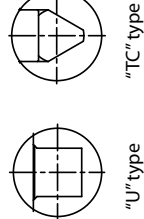
Maximum Load per Safety Chuck = **3147 lbs.** (14000 N)
 Maximum Transmissible Torque** = **959 lbf-ft** (1300 Nm)
 ** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options



Special Order



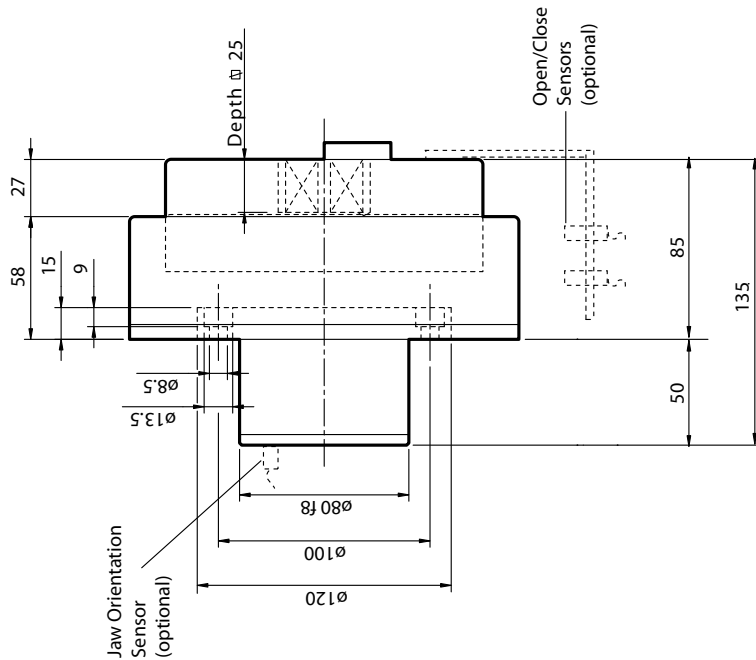
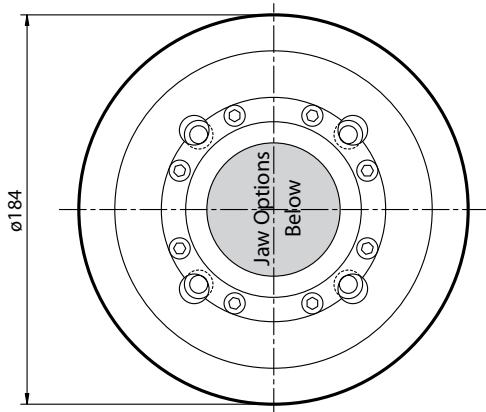
Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

Model: **SP500/FS/(I)V40-50/C100**
SP500/FS/IO55/C100

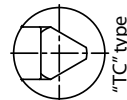
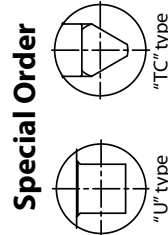
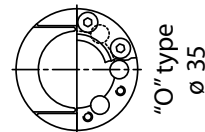
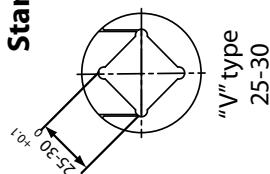
Maximum Load per Safety Chuck = **2248 lbs.** (10000 N)
 Maximum Transmissible Torque** = **959 lbf-ft** (1300 Nm)
 ** Values shown for maximum ϕ and standard spindle length.

Pneumatically Operated Safety Chucks



Replaceable Inserts: Yes ☐ No ☐
 Size Needed _____

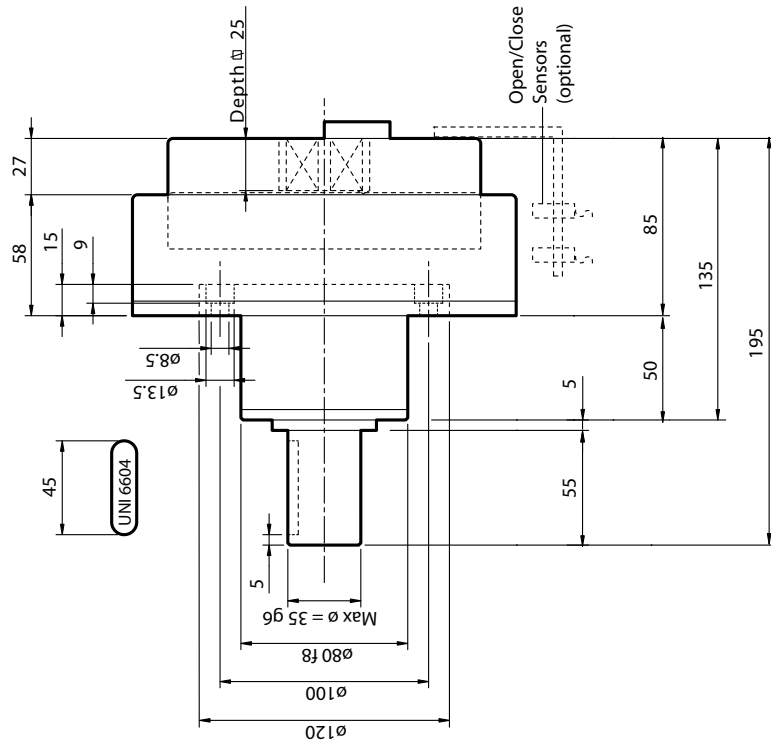
Standard Jaw Options



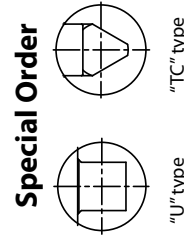
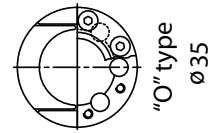
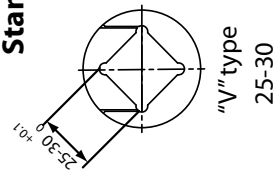
Special Order

Model: **AP/SL100/F0/(I)V25-30**
AP/SL100/F0/IO35

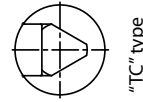
Max. Load per Safety Chuck = **787 lbs.** (3500 N)



Standard Jaw Options



Special Order

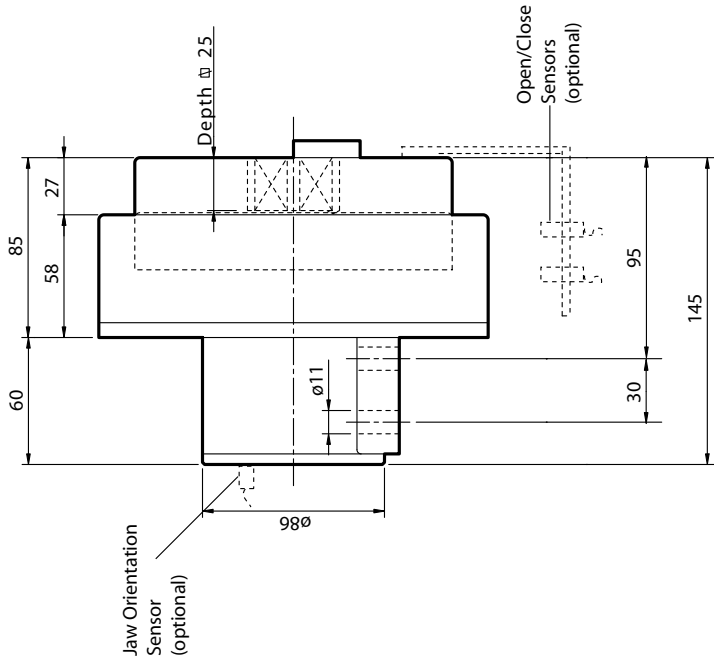


Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

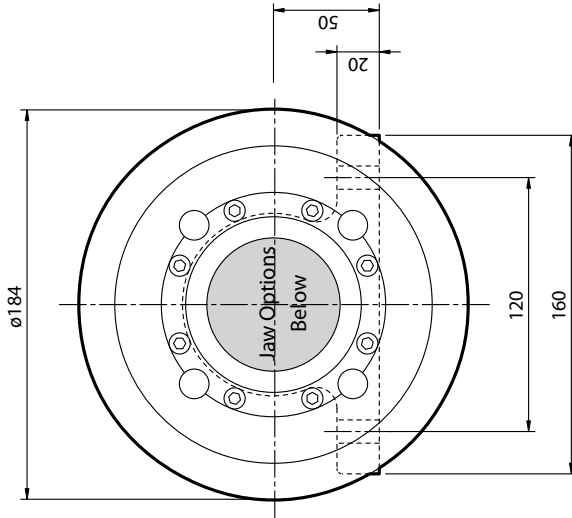
Model: **AP/SL100/F1/(I)V25-30**
AP/SL100/F1/IO35

Maximum Load per Safety Chuck = **787 lbs.** (3500 N)
 Maximum Transmissible Torque** = **221 lbf-ft** (300 Nm)
 ** Values shown for maximum ϕ and standard spindle length.

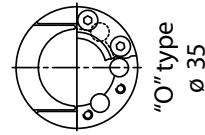
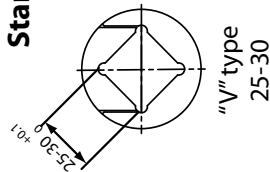


Replaceable Inserts: Yes ☐ No ☐

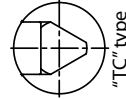
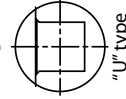
Size Needed _____



Standard Jaw Options



Special Order

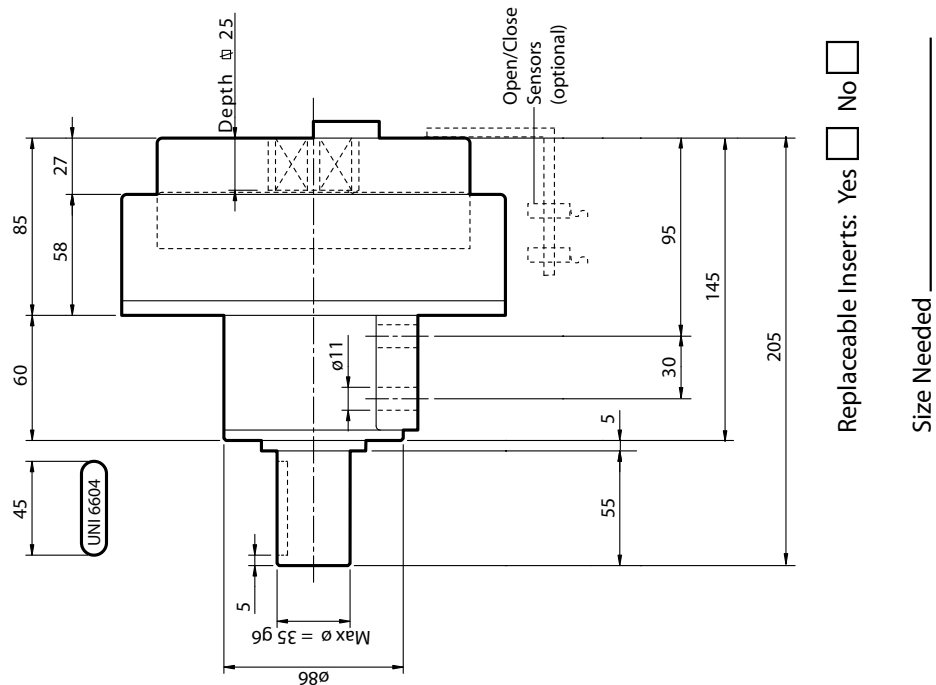


Model: AP/SL100/P0/(I)V25-30
 AP/SL100/P0/IO35

Max. Load per Safety Chuck = **787 lbs.** (3500 N)

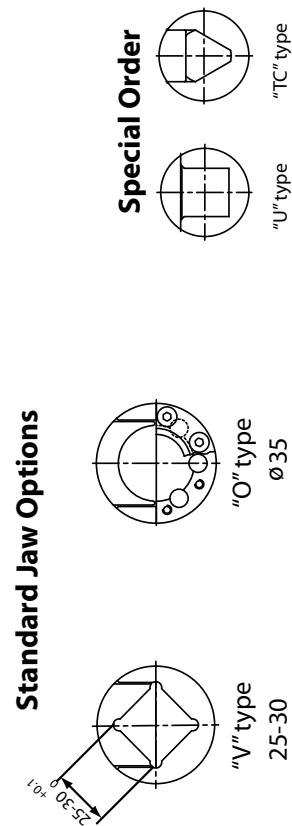


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Tel: (508) 588-8099 Fax: (508) 580-2915 doublee@doubleusa.com
<http://www.doubleusa.com>



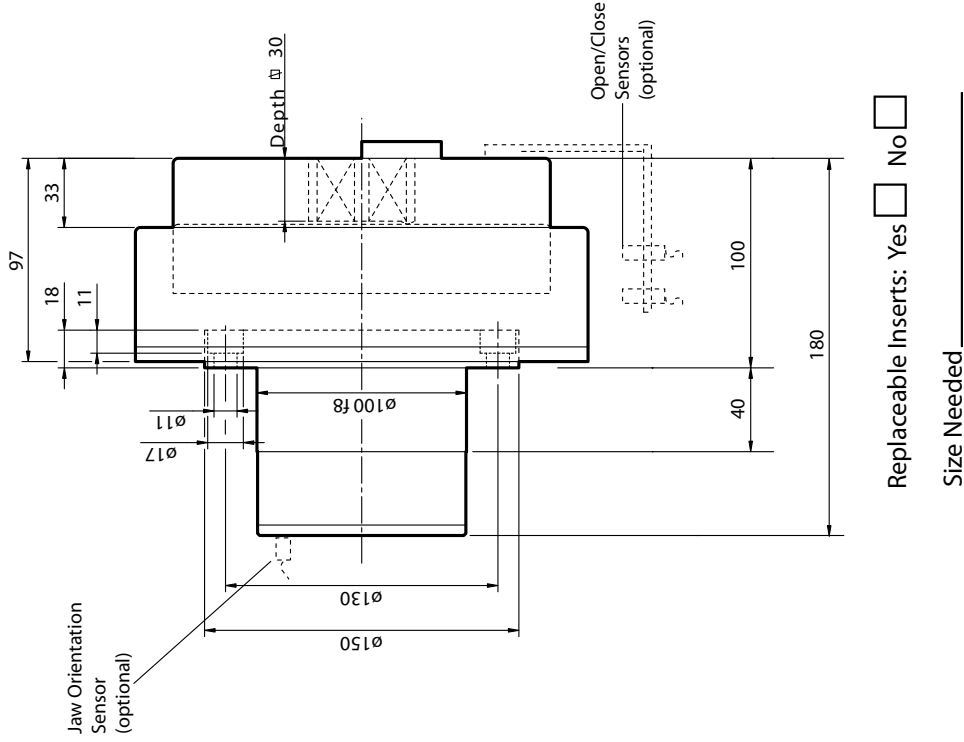
Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

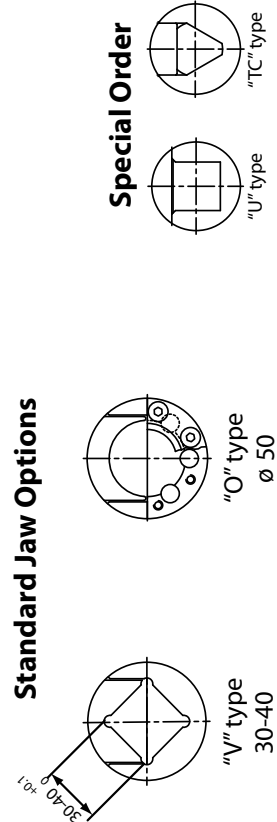
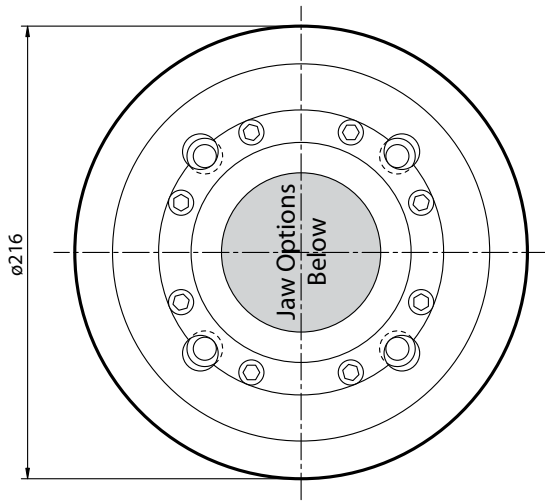


AP/SL100/P1/(I)V25-30
AP/SL100/P1/IO35

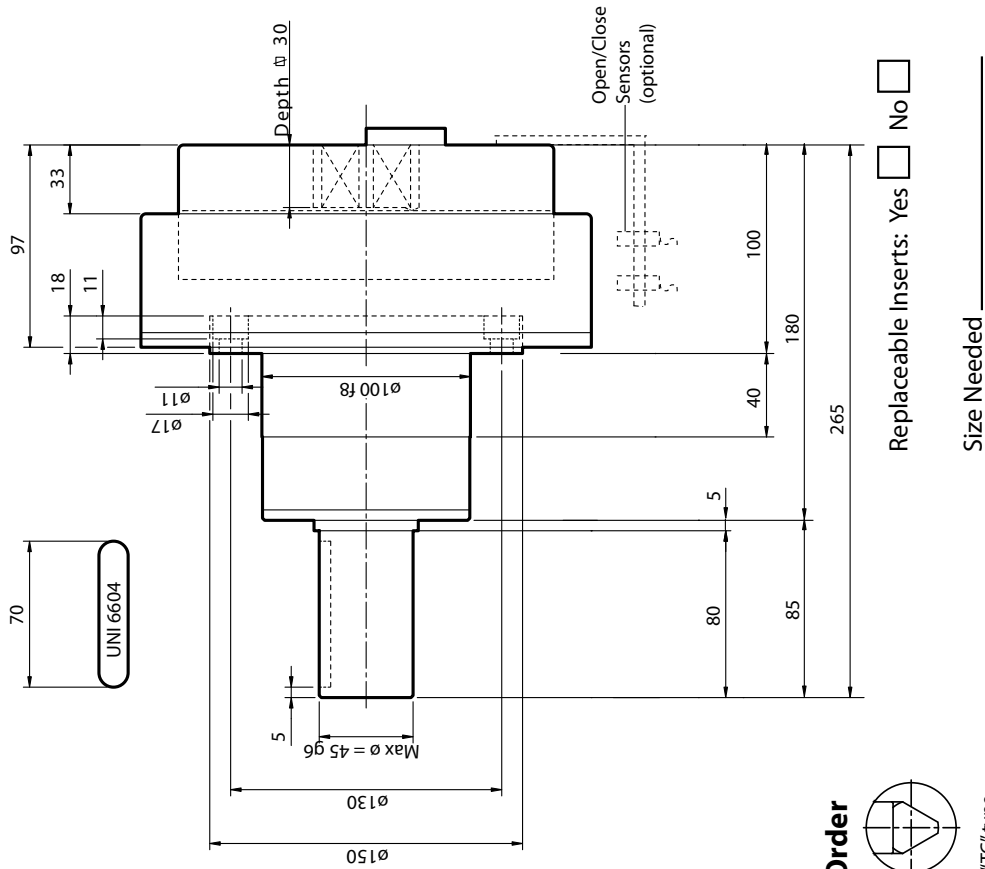
Maximum Load per Safety Chuck = **787 lbs.** (3500 N)
Maximum Transmissible Torque** = **221 lbf-ft** (300 Nm)
** Values shown for maximum ϕ and standard spindle length.



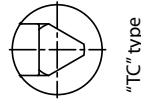
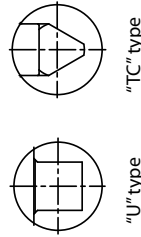
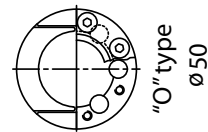
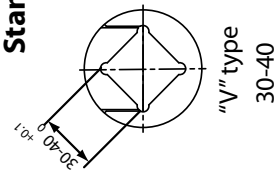
Max. Load per Safety Chuck = **1619 lbs.** (7200 N)



Model: **AP/SM100/F0/(I)V30-40**
AP/SM100/F0/IO50



Standard Jaw Options

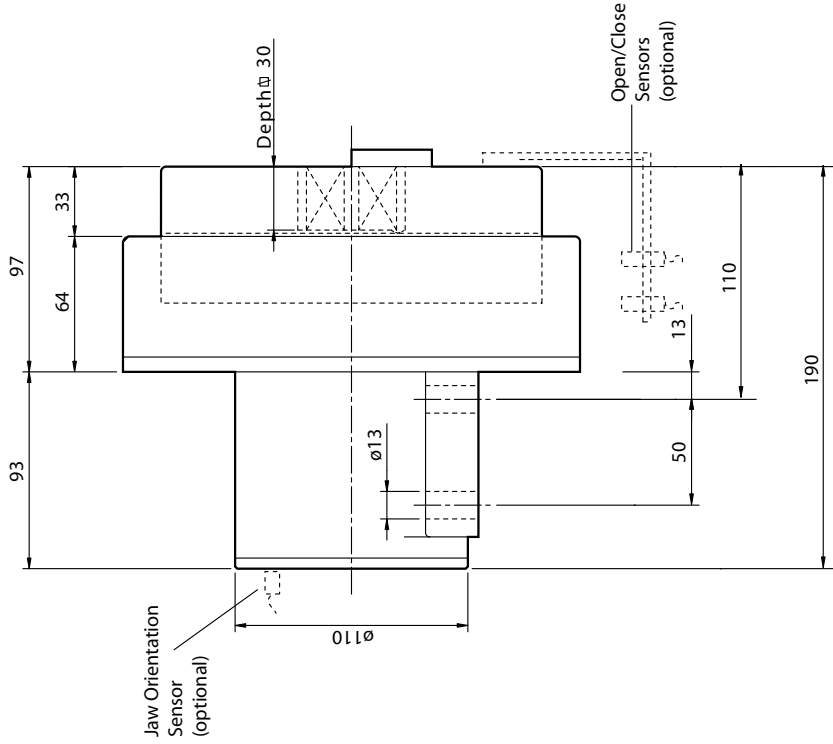


Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

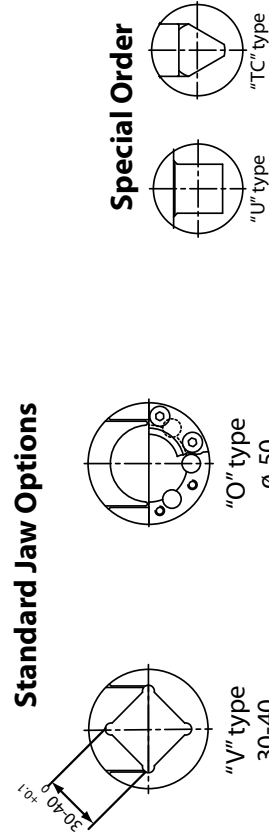
Maximum Load per Safety Chuck = **1619 lbs.** (7200 N)
 Maximum Transmissible Torque** = **664 lbf-ft** (900 Nm)
 ** Values shown for maximum ϕ and standard spindle length.

Model: **AP/SM100/F1/(I)V30-40**
AP/SM100/F1/IO50



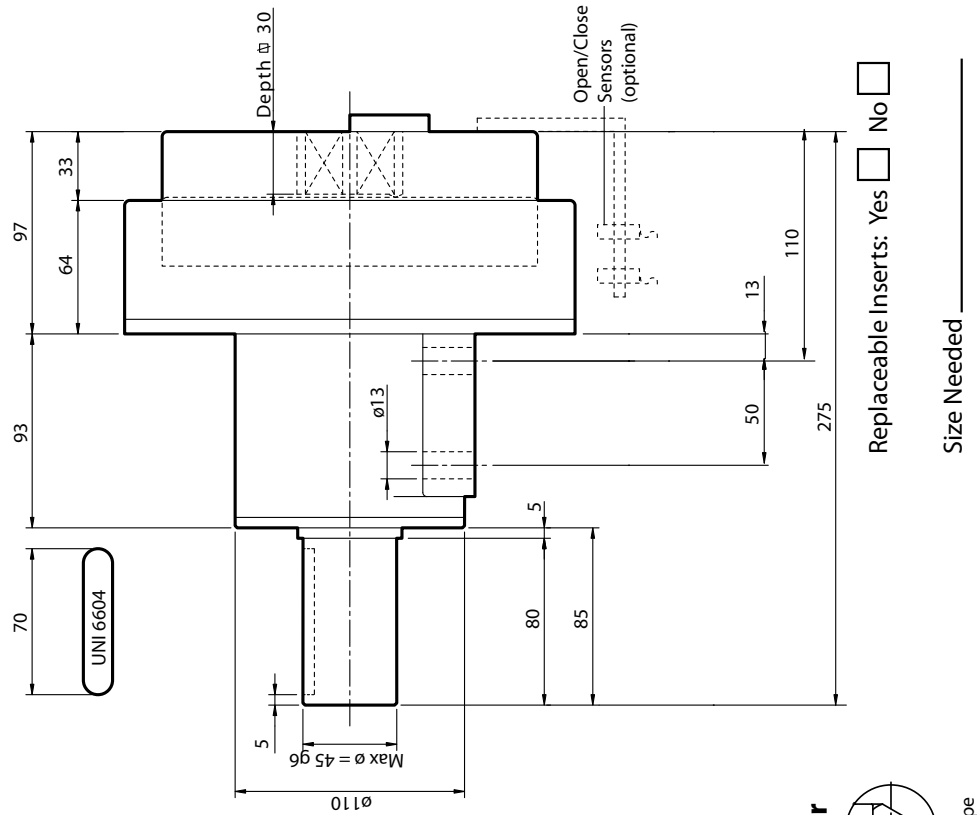
Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

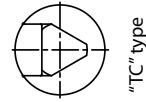
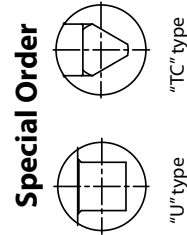
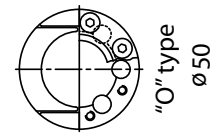
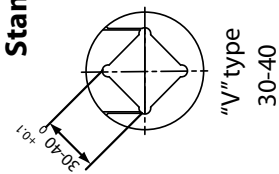


Model: **AP/SM100/P0/(I)V30-40**
AP/SM100/P0/IO50

Max. Load per Safety Chuck = **1619 lbs.** (7200 N)



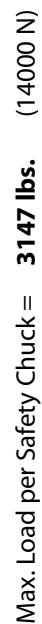
Standard Jaw Options

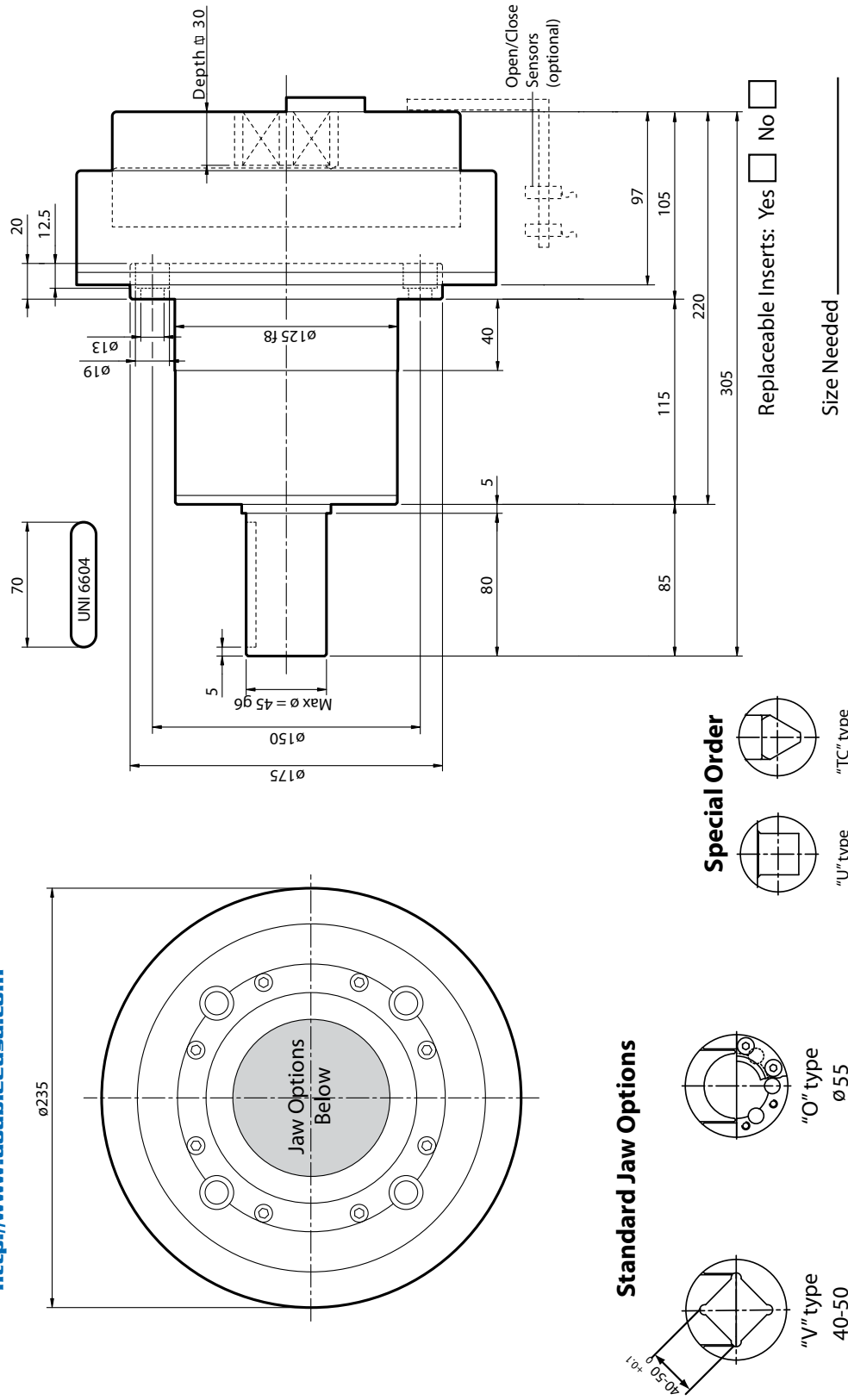


Special Order

Model: **AP/SM100/P1/(I)V30-40**
AP/SM100/P1/IO50

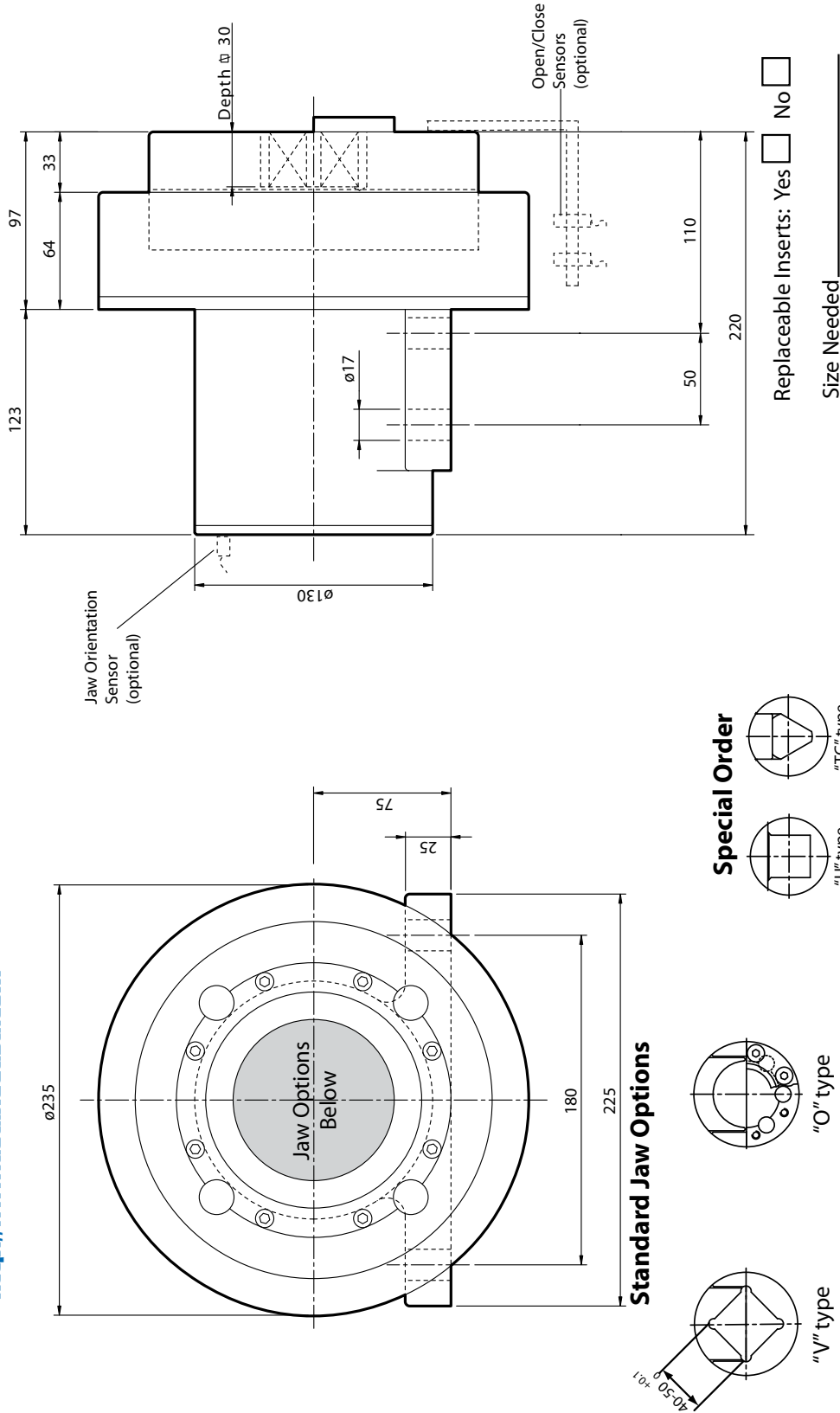
Maximum Load per Safety Chuck = **1619 lbs.** (7200 N)
 Maximum Transmissible Torque** = **664 lbf-ft** (900 Nm)
 ** Values shown for maximum ϕ and standard spindle length.





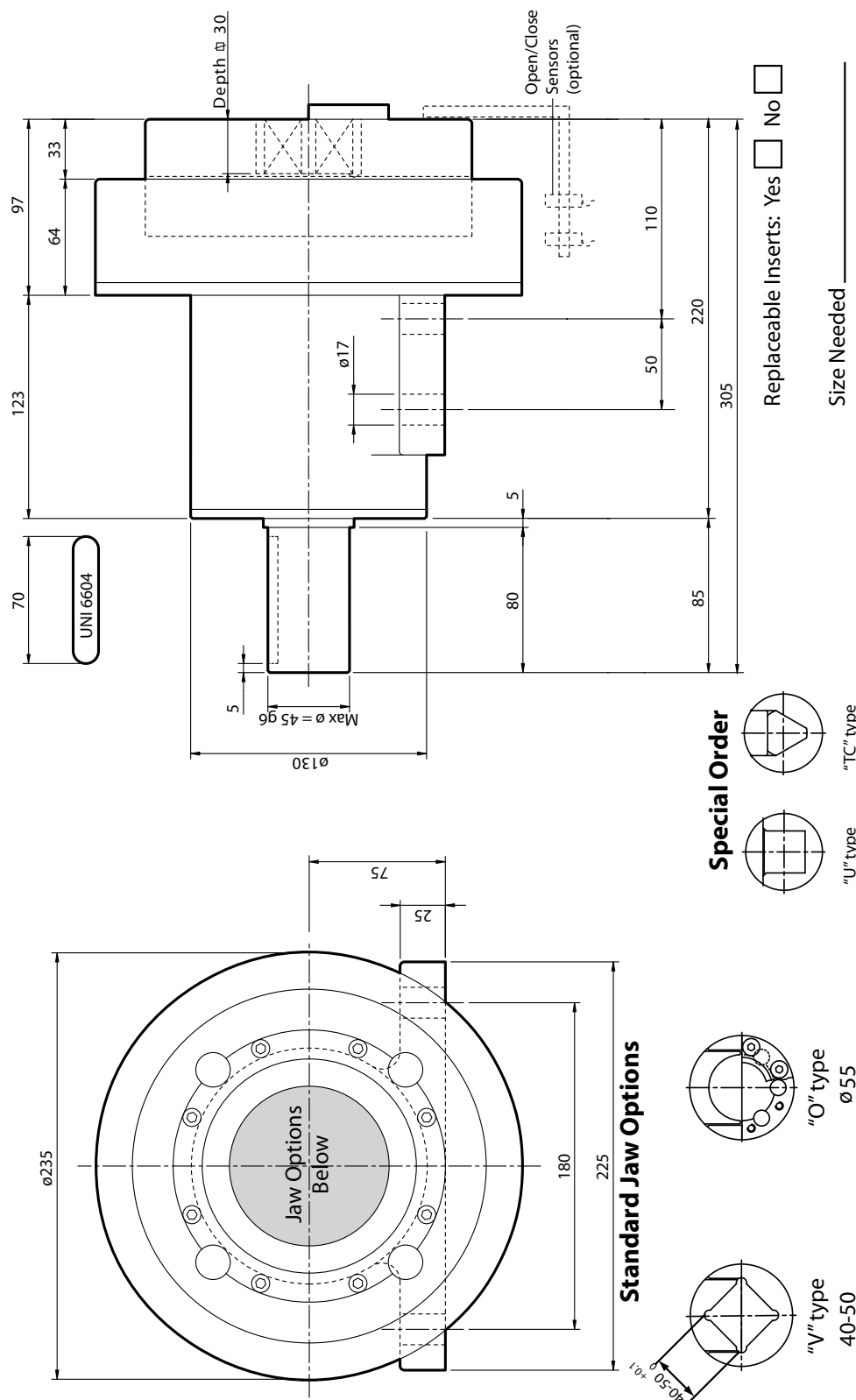
Maximum Load per Safety Chuck = **3147 lbs.** (14000 N)
 Maximum Transmissible Torque** = **959 lbf-ft** (1300 Nm)
 ** Values shown for maximum Ø and standard spindle length.

Model: **AP/SP100/F1/(I)V40-50**
AP/SP100/F1/IO55



Model: **AP/SP100/P0/(I)V40-50**
AP/SP100/P0/IO55

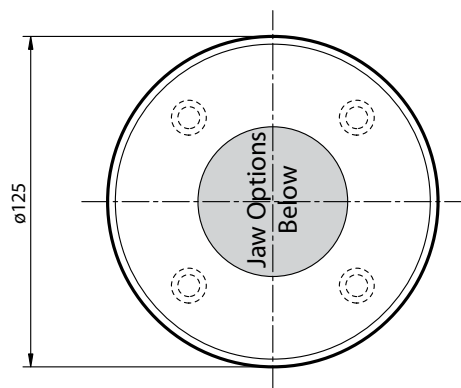
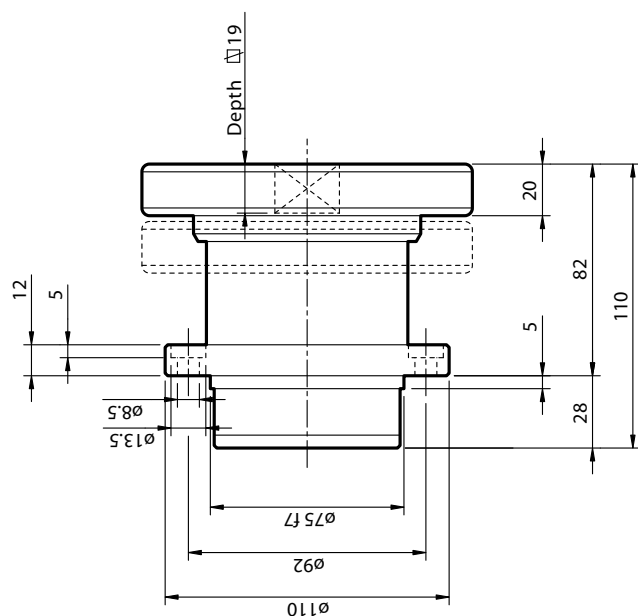
Max. Load per Safety Chuck = **3147 lbs.** (14000 N)



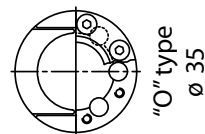
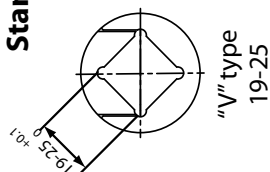
Model: **AP/SP100/P1/(I)V40-50**
AP/SP100/P1/IO55

Maximum Load per Safety Chuck = **3147 lbs.** (14000 N)
Maximum Transmissible Torque** = **959 lbf-ft** (1300 Nm)
*** Values shown for maximum $\varnothing$ and standard spindle length.

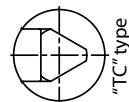
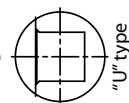
Boschert Equivalent Safety Chucks



Standard Jaw Options



Special Order

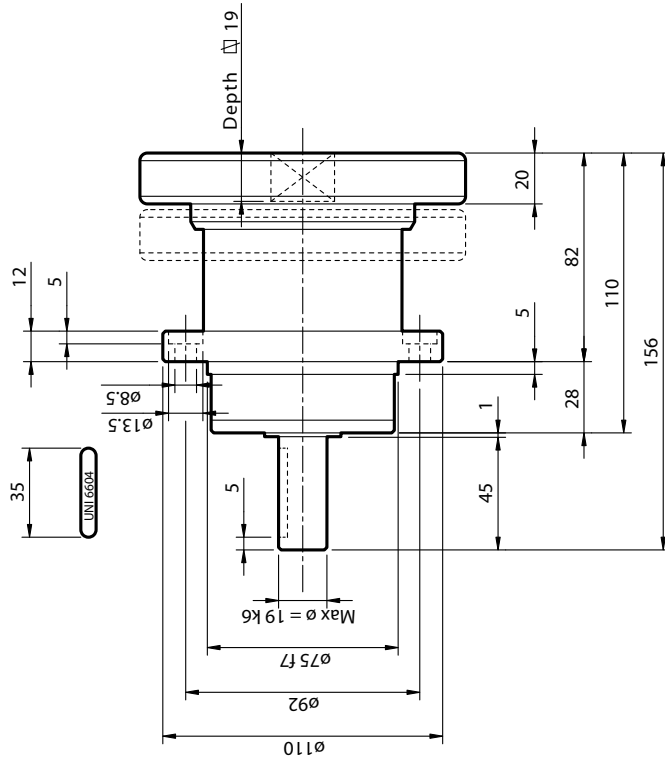


Replaceable Inserts: Yes ☐ No ☐

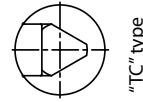
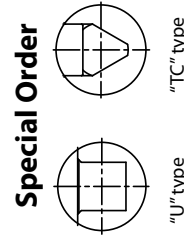
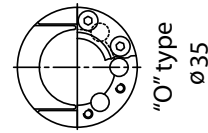
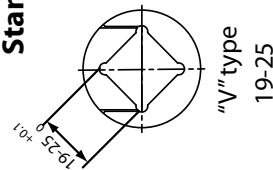
Size Needed_____

Model: B/SL100/F0/(I)V19-25
B/SL100/F0/IO35

Max. Load per Safety Chuck = **450 lbs.** (2000 N)



Standard Jaw Options



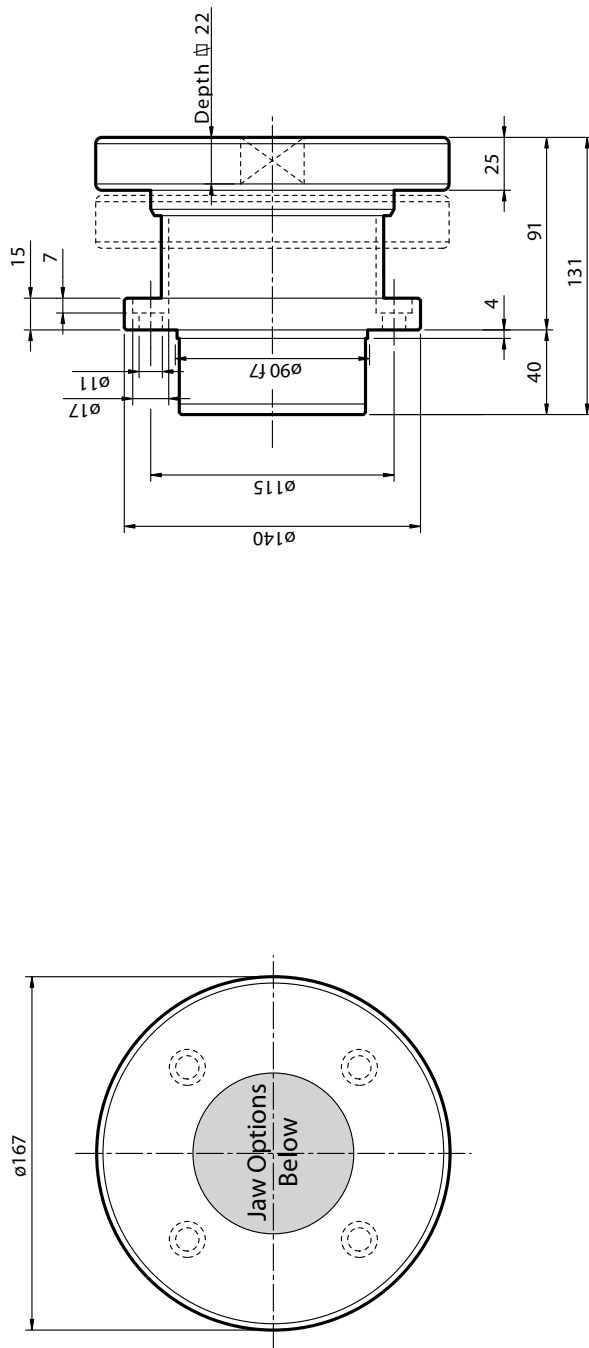
Special Order

Replaceable Inserts: Yes ☐ No ☐

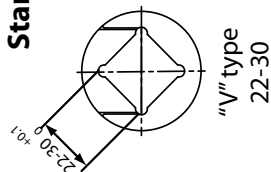
Size Needed _____

Model: **B/SL100/F1/(I)V19-25**
B/SL100/F1/IO35

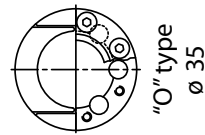
Maximum Load per Safety Chuck = **450 lbs.** (2000 N)
 Maximum Transmissible Torque** = **88.5 lbf-ft** (120 Nm)
 ** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options

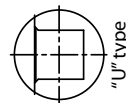


"V" type
22-30

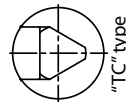


"O" type
ø 35

Special Order



"U" type



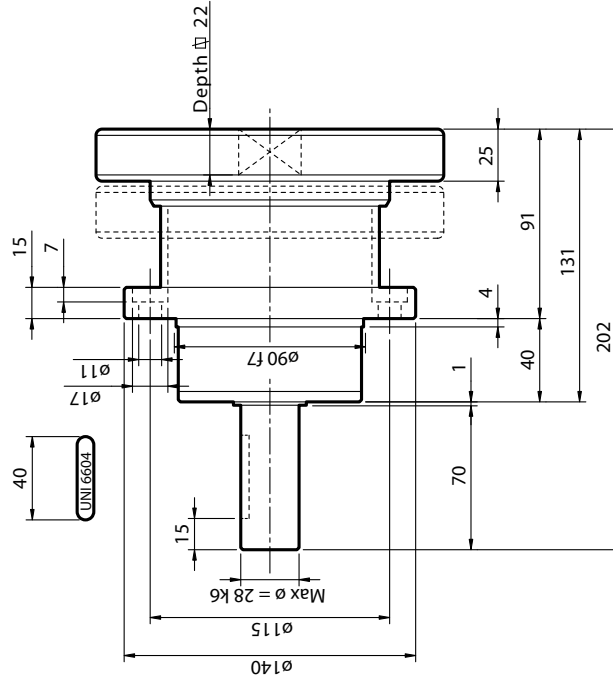
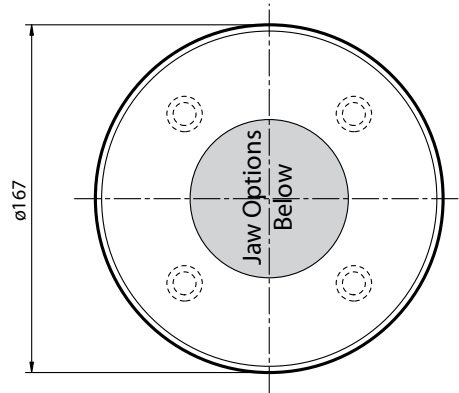
"TC" type

Replaceable Inserts: Yes ☐ No ☐

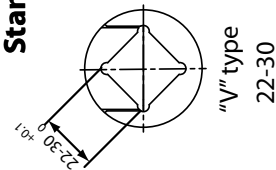
Size Needed _____

Model: **B/SM100/F0/(I)V22-30**
B/SM100/F0/IO35

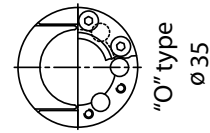
Max. Load per Safety Chuck = **899 lbs.** (4000 N)



Standard Jaw Options

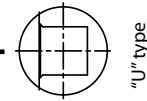


"V" type
22-30

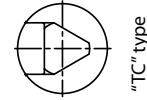


"O" type
35

Special Order



"U" type



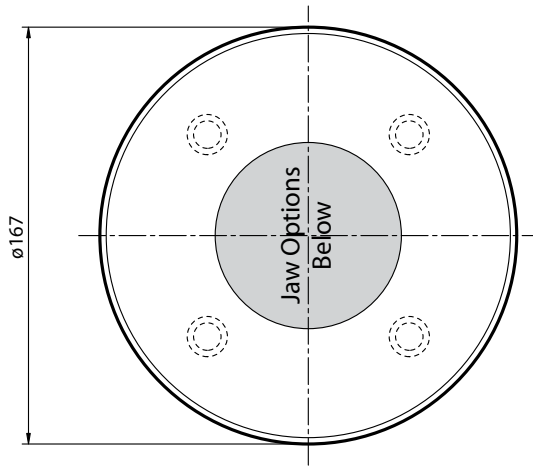
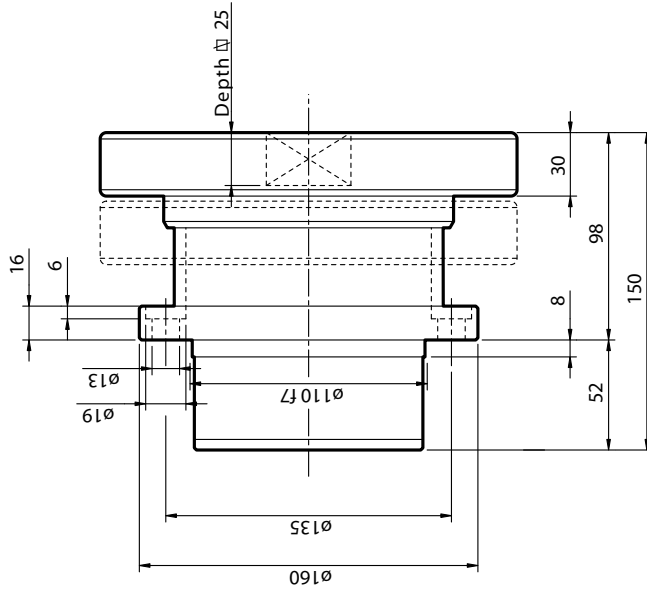
"TC" type

Replaceable Inserts: Yes ☐ No ☐

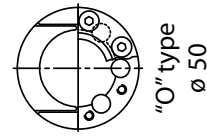
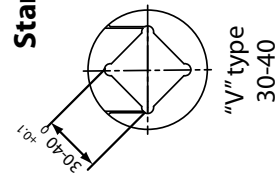
Size Needed _____

Model: **B/SM100/F1/(I)V22-30**
B/SM100/F1/IO35

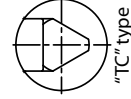
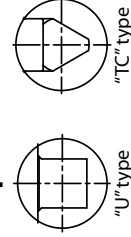
Maximum Load per Safety Chuck = **899 lbs.** (4000 N)
 Maximum Transmissible Torque** = **133 lbf-ft** (180 Nm)
 ** Values shown for maximum ϕ and standard spindle length.



Standard Jaw Options



Special Order

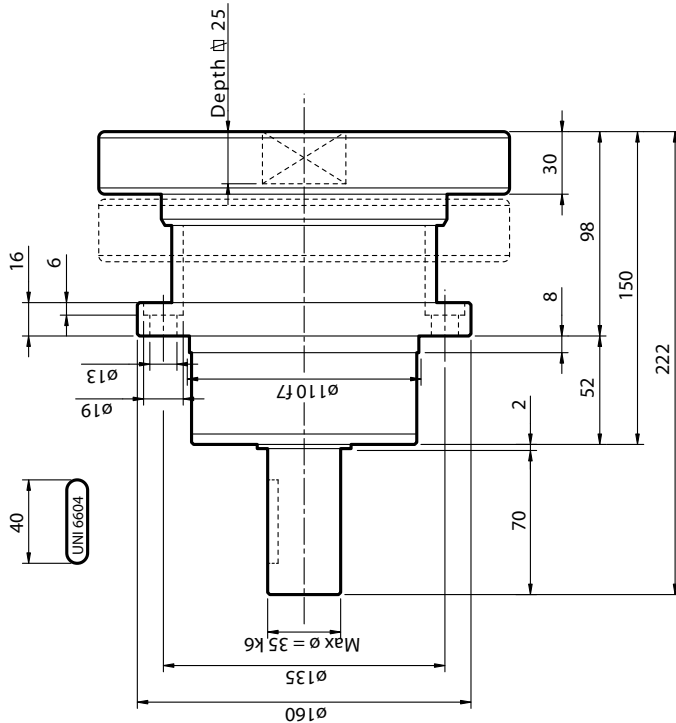
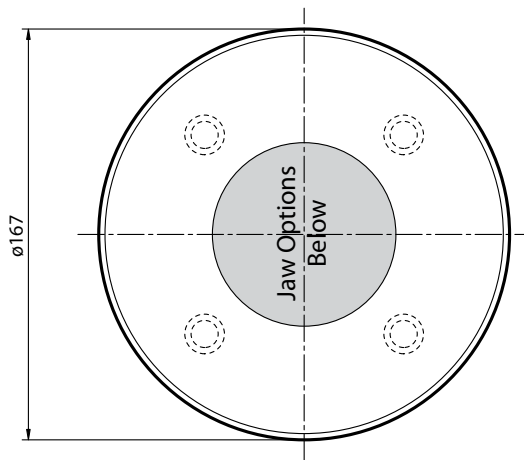


Replaceable Inserts: Yes ☐ No ☐

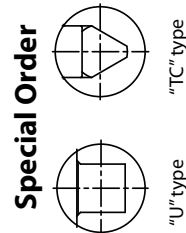
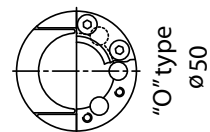
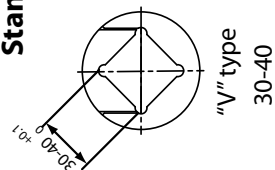
Size Needed _____

Model: **B/SP100/F0/(I)V30-40**
B/SP100/F0/IO50

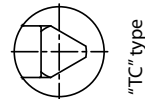
Max. Load per Safety Chuck = **1798 lbs.** (8000 N)



Standard Jaw Options



Special Order

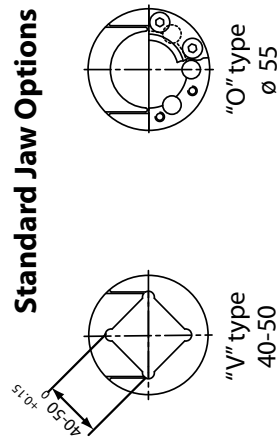
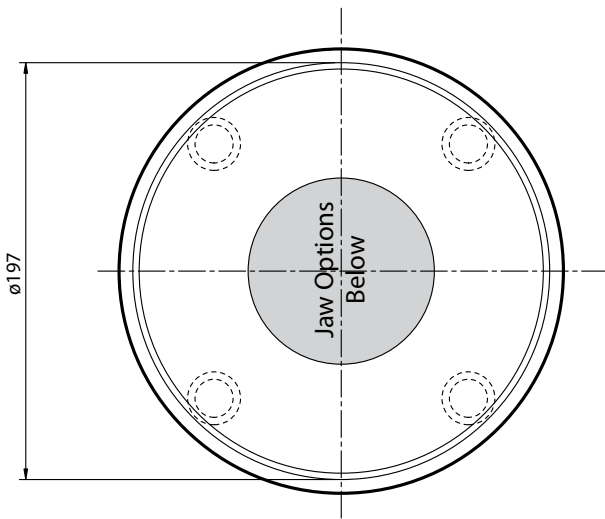
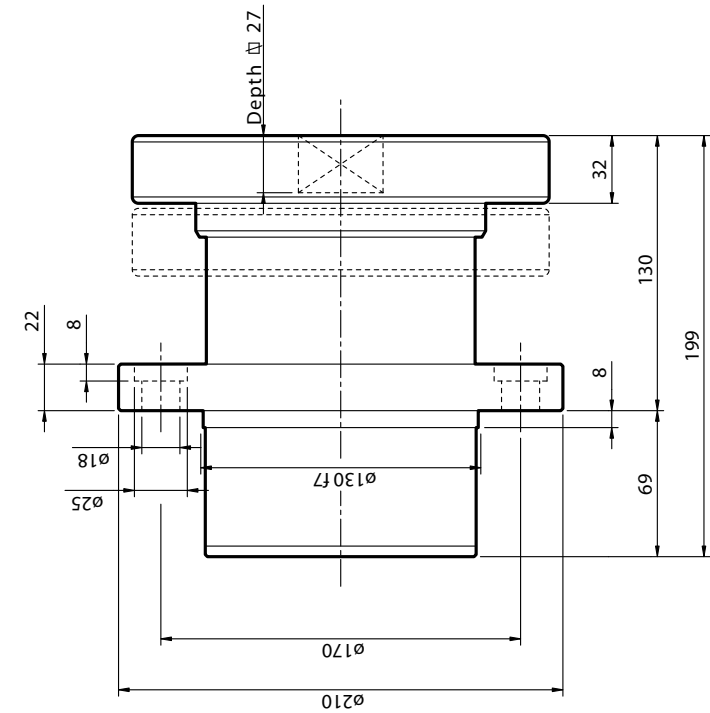


Replaceable Inserts: Yes ☐ No ☐

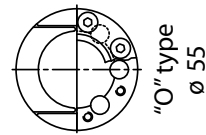
Size Needed _____

Model: **B/SP100/F1/(I)V30-40**
B/SP100/F1/IO50

Maximum Load per Safety Chuck = **1798 lbs.** (8000 N)
 Maximum Transmissible Torque** = **258 lbf-ft** (350 Nm)
 ** Values shown for maximum ϕ and standard spindle length.



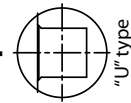
Standard Jaw Options



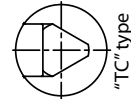
"V" type
40-50

"O" type
 $\phi 55$

Special Order



"U" type



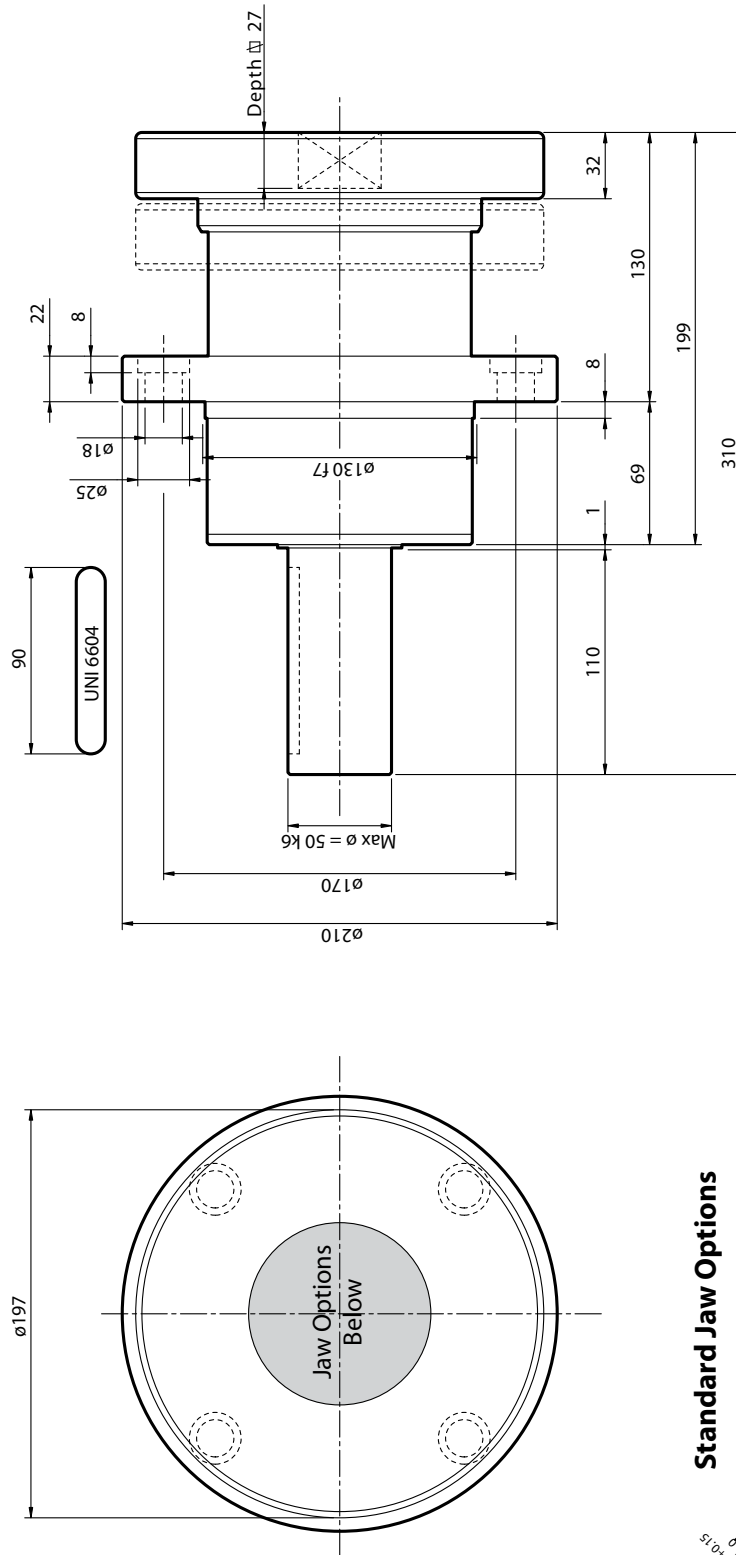
"TC" type

Replaceable Inserts: Yes ☐ No ☐

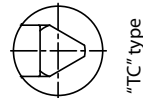
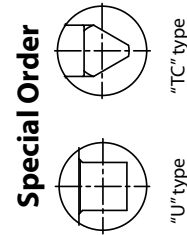
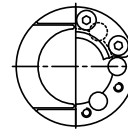
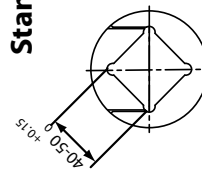
Size Needed _____

Model: B/SPP100/F0/(I)V40-50
 B/SPP100/F0/IO55

Max. Load per Safety Chuck = **3147 lbs.** (14000 N)



Standard Jaw Options



Special Order

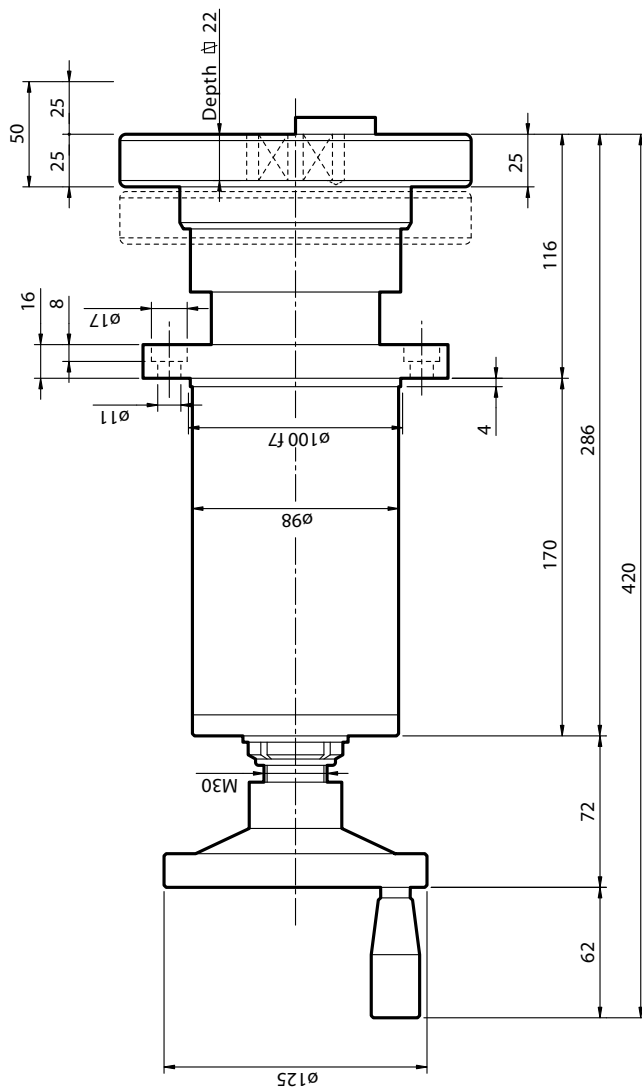
Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

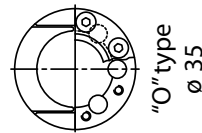
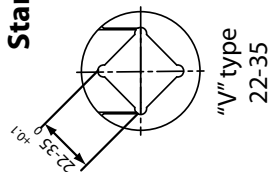
Model: **B/SPP100/F1/(I)V40-50**
B/SPP100/F1/IO55

Maximum Load per Safety Chuck = **3147 lbs.** (14000 N)
 Maximum Transmissible Torque** = **811 lbf-ft** (1100 Nm)
 ** Values shown for maximum ϕ and standard spindle length.

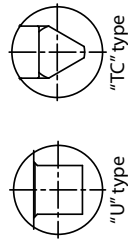
Sidelay Adjusted Boschert Equivalent Safety Chucks



Standard Jaw Options



Special Order

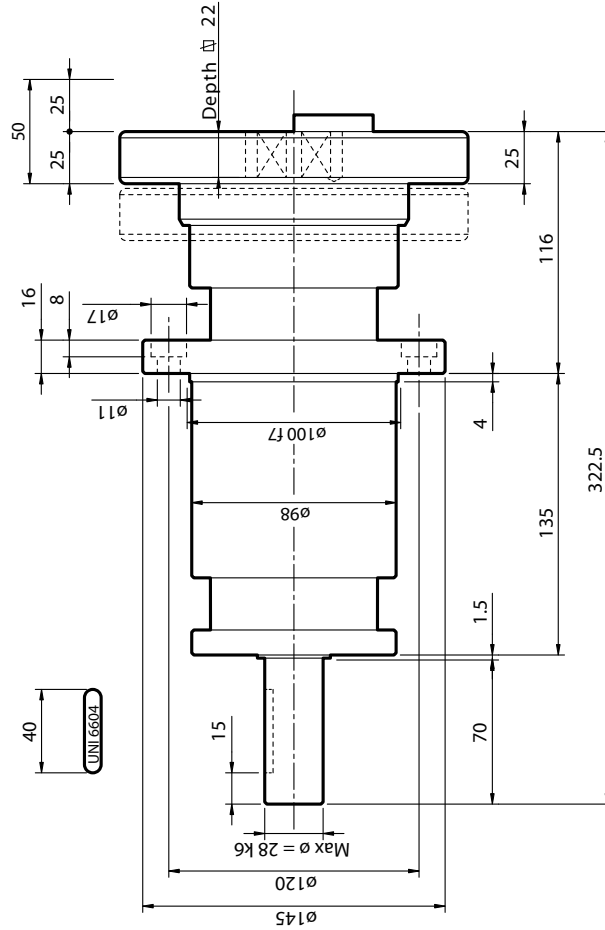
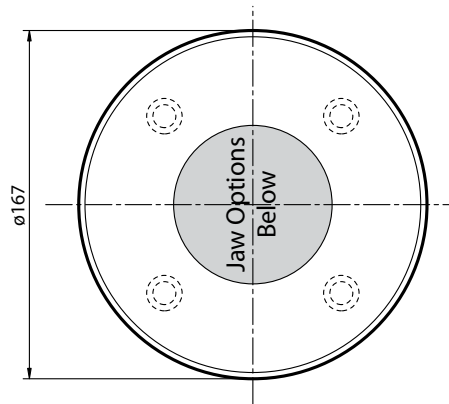


Replaceable Inserts: Yes ☐ No ☐

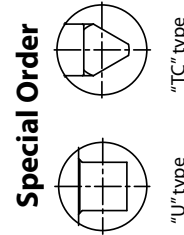
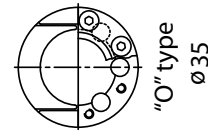
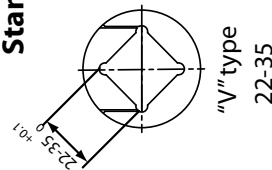
Size Needed _____

Model: **B/SM500/F2/(I)V22-35/C50**
B/SM500/F2/IO35/C50

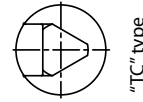
Max. Load per Safety Chuck = **899 lbs.** (4000 N)



Standard Jaw Options



Special Order

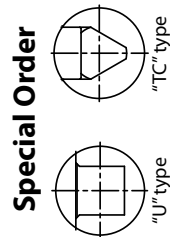
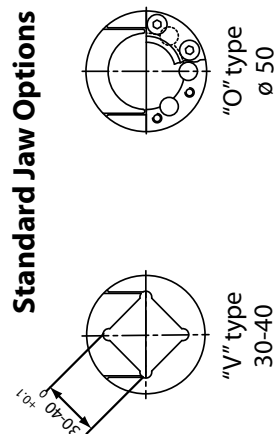
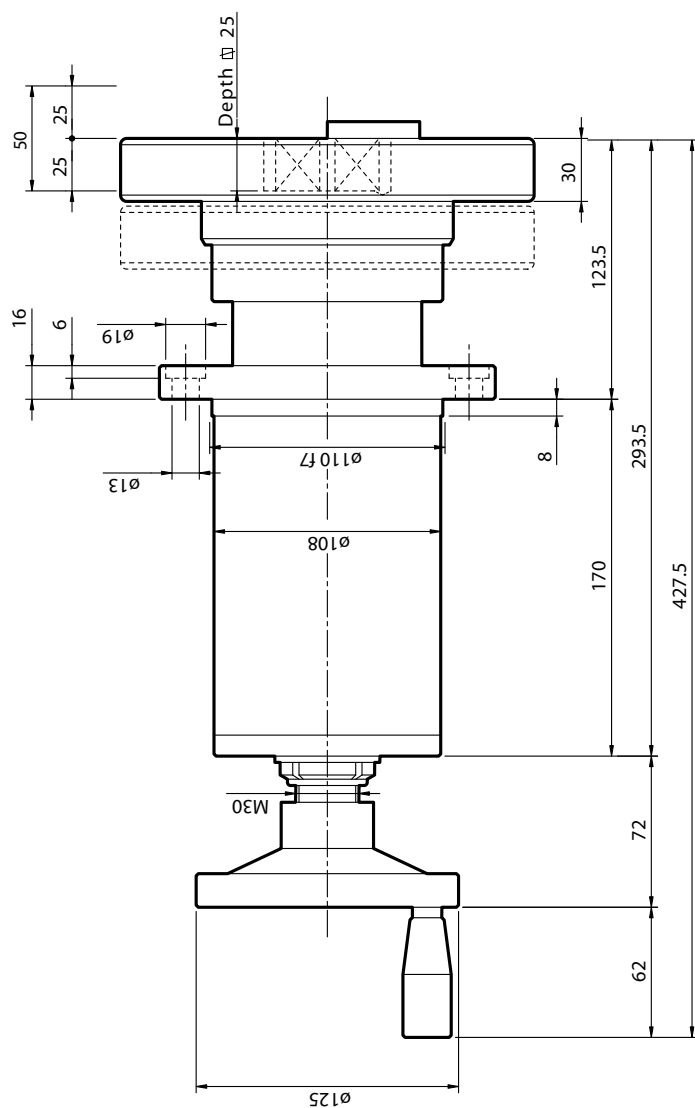


Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

Model: **B/SM500/F1/(I)V22-35/C50**
B/SM500/F1/IO35/C50

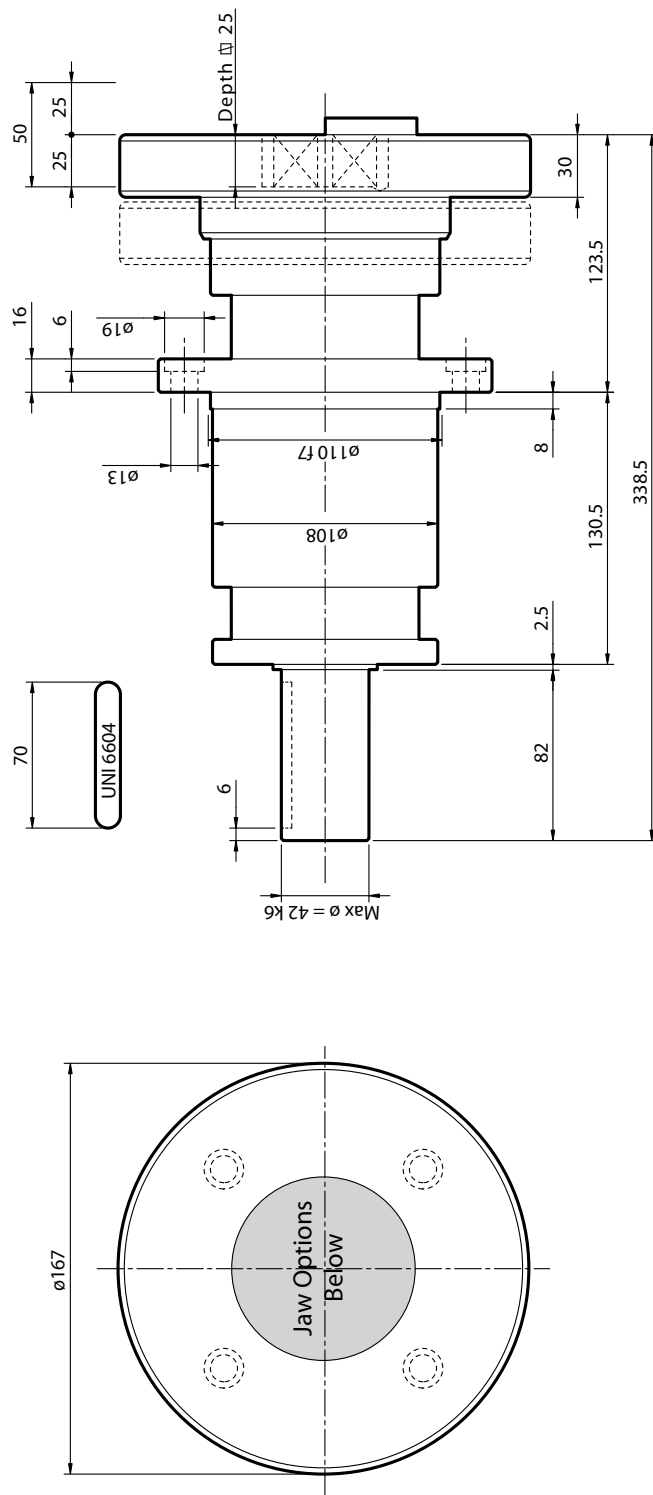
Maximum Load per Safety Chuck = **899 lbs.** (4000 N)
 Maximum Transmissible Torque** = **133 lbf-ft** (180 Nm)
 ** Values shown for maximum ϕ and standard spindle length.



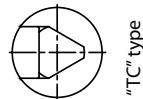
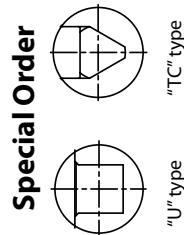
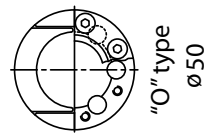
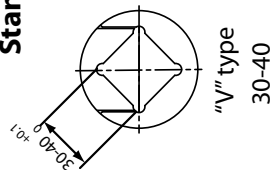
Replaceable Inserts: Yes ☐ No ☐
 Size Needed _____

Model: **B/SP500/F2/(I)V30-40/C50**
B/SP500/F2/IO50/C50

Max. Load per Safety Chuck = **1574 lbs.** (7000 N)



Standard Jaw Options



Special Order

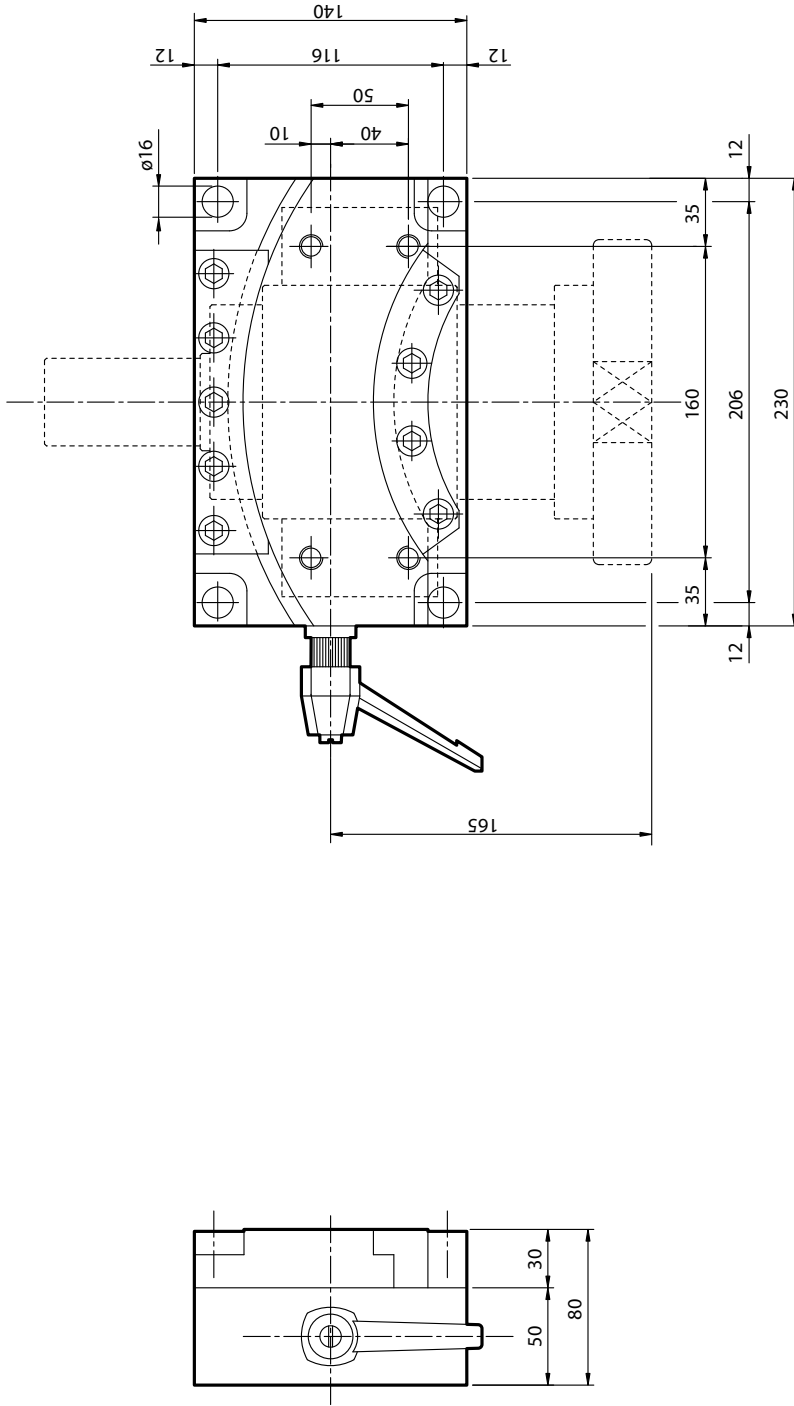
Replaceable Inserts: Yes ☐ No ☐

Size Needed _____

Model: **B/SP500/F1/(I)V30-40/C50**
B/SP500/F1/IO50/C50

Maximum Load per Safety Chuck = **1574 lbs.** (7000 N)
 Maximum Transmissible Torque** = **221 lbf-ft** (300 Nm)
 ** Values shown for maximum ϕ and standard spindle length.

Rotary Tables/ Movable Bases



STANDARD CONFIGURATION

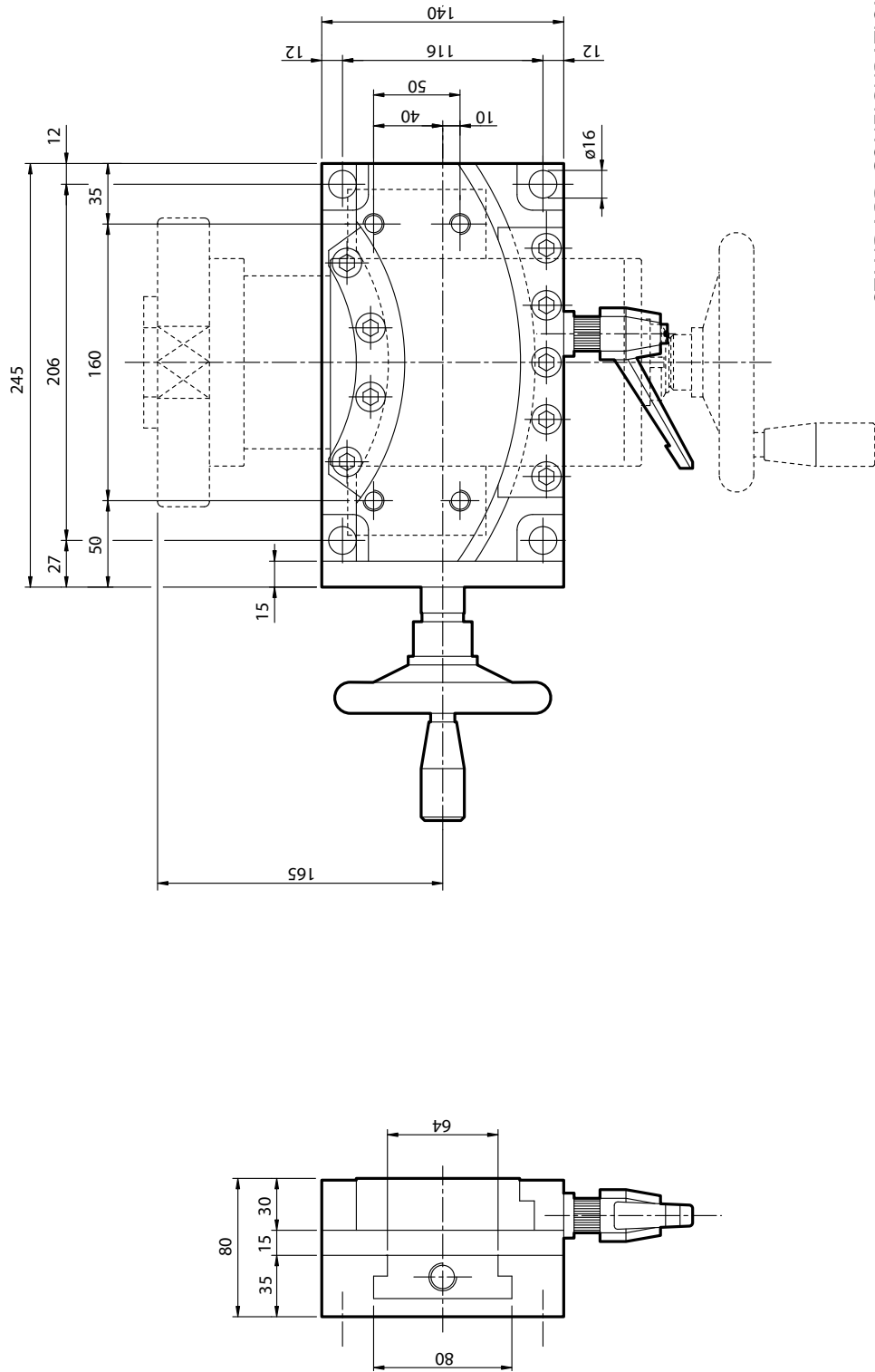
Model: BS/P1/SM500/SM100



DOUBLE E COMPANY, LLC.

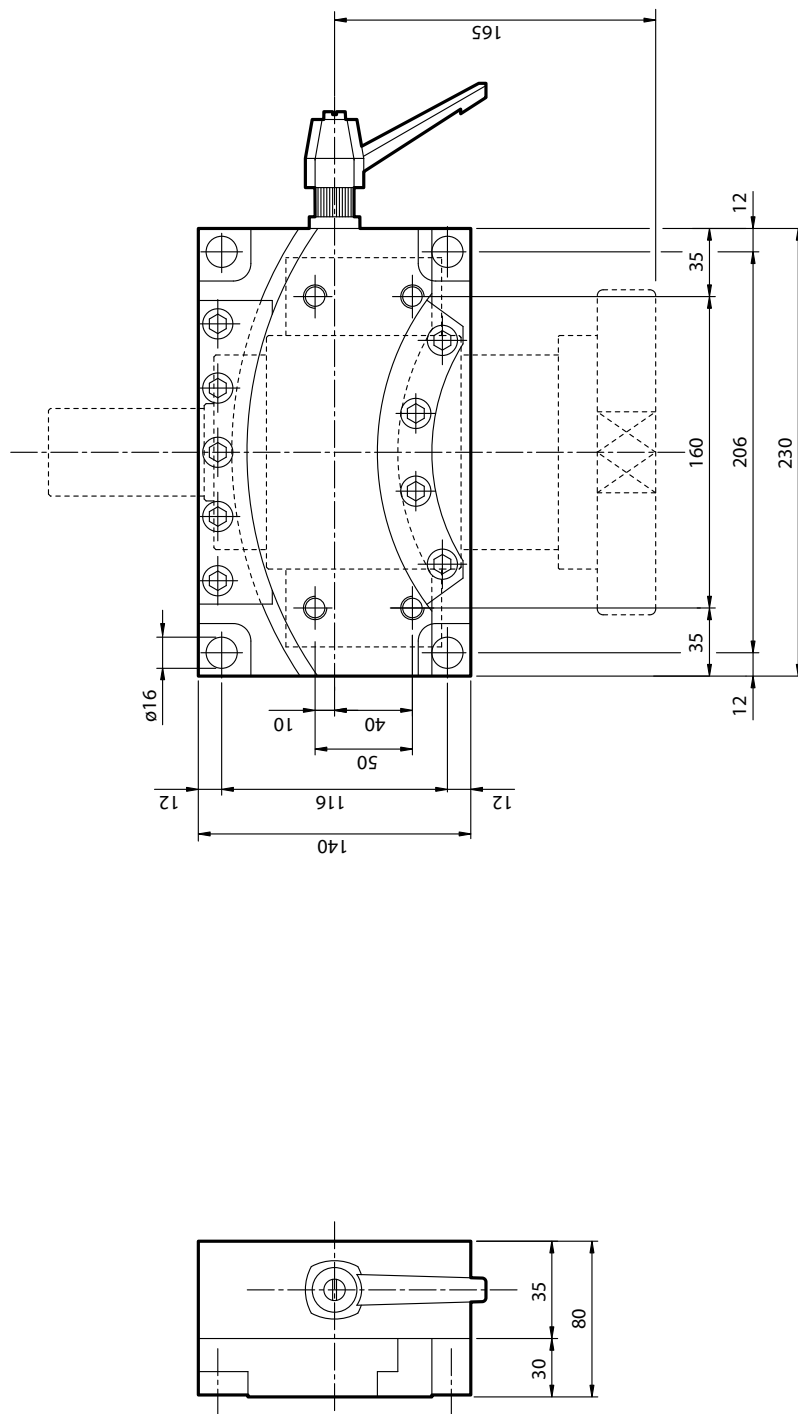
319 Manley Street, West Bridgewater, MA 02379 USA
Tel: (508)588-8099 Fax: (508)580-2915 doublee@doubleeusa.com
<http://www.doubleeusa.com>

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STANDARD CONFIGURATION

Model: **BS/P2/SM500/SM100**

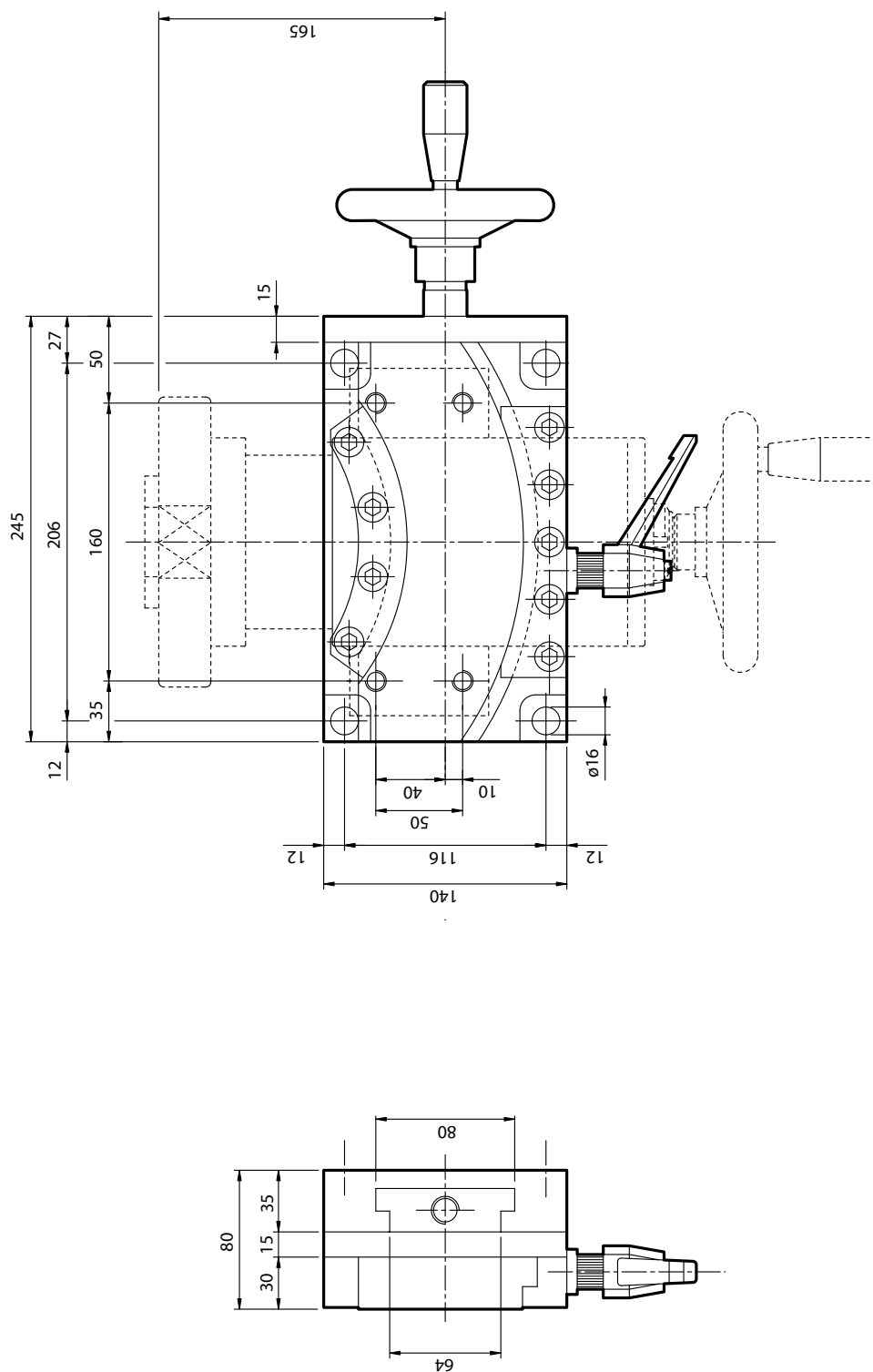


REVERSE CONFIGURATION

Model: BS/P1/SM500/SM100



1819 Manley Street, West Bridgewater, MA 02379 USA
Tel: (508) 588-8099 Fax: (508) 580-2915 doublee@doubleusa.com



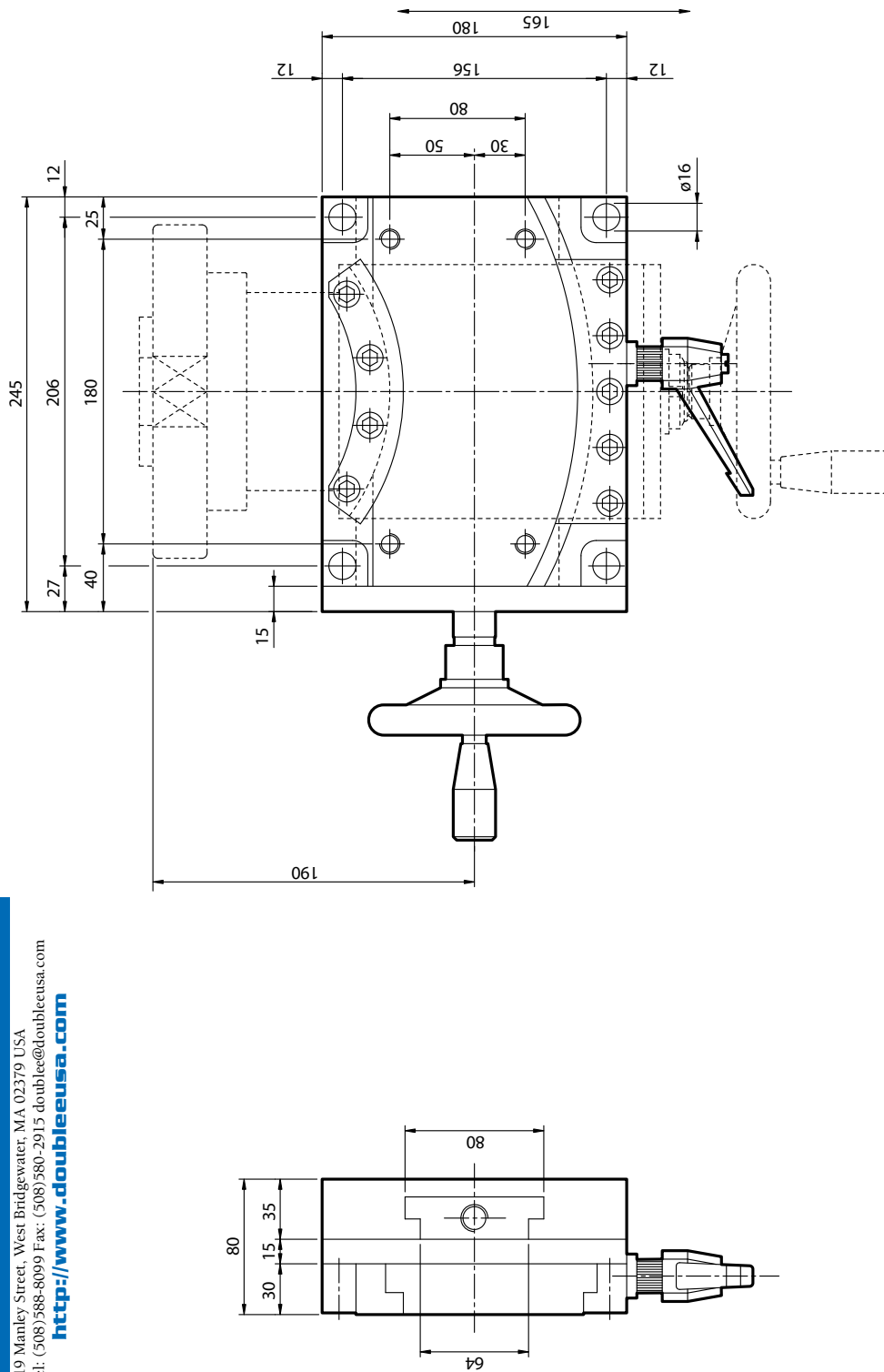
REVERSE CONFIGURATION

Model: BS/P2/SM500/SM100



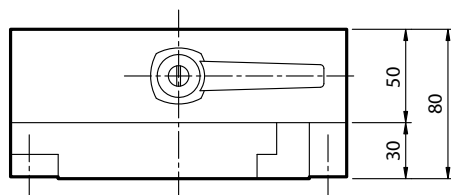
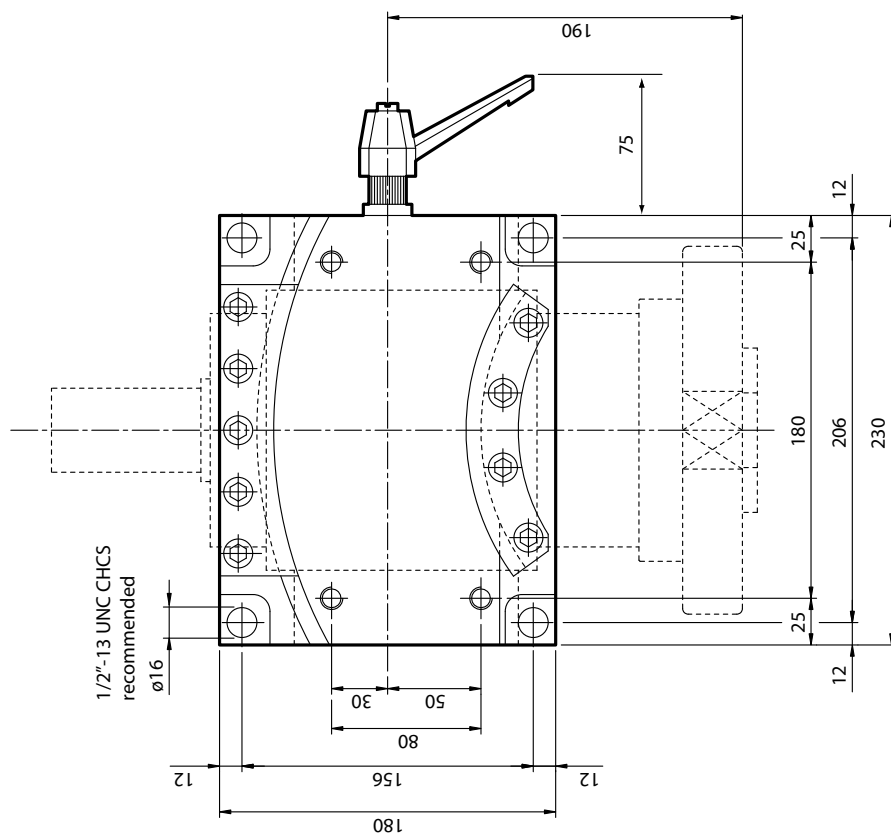
Model: BS/P1/SP500/SP100

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<http://www.doubleusa.com>



STANDARD CONFIGURATION

Model: BS/P2/SP500/SP100



REVERSE CONFIGURATION

Model: BS/P1/SP500/SP100

