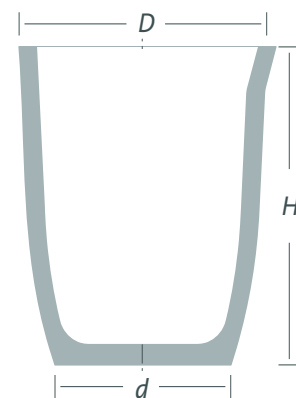


## Shape / Form A

| A            | AC<br>STABIL |           |
|--------------|--------------|-----------|
| Size / Größe | H<br>mm      | D/d<br>mm |
| 6/0          |              |           |
| 5/0          |              |           |
| 4/0          |              |           |
| 3/0          |              |           |
| 2/0          |              |           |
| 1/0          |              |           |
| 1/2          |              |           |
| 3/4          |              |           |
| 1            | 95           | 84/57     |
| 1 1/2        |              |           |
| 2            | 115          | 105/70    |
| 3            |              |           |
| 4            | 145          | 120/80    |
| 5            |              |           |
| 6            | 165          | 140/95    |
| 7            |              |           |
| 8            | 185          | 155/105   |
| 9            |              |           |
| 10           |              | **        |
| 12           |              | **        |
| 14           |              | **        |
| 15           |              |           |
| 16           | 230*         | 200/130*  |
| 18           | 240*         | 200/130*  |
| 20           | 255*         | 200/130*  |
| 25           | 260*         | 220/145*  |
| 30           | 290*         | 230/155*  |
| 35           | 300*         | 240/160*  |
| 40           | 310*         | 260/165*  |
| 50           | 330*         | 270/175*  |
| 60           | 345*         | 285/190*  |
| 70           | 360*         | 295/200*  |
| 80           | 370*         | 305/200*  |
| 90           | 380*         | 325/220*  |
| 100          | 400*         | 325/220*  |
| 120          | 410*         | 345/235*  |
| 130          |              |           |
| 150          | 450*         | 370/260*  |
| 175          | 470*         | 370/260*  |
| 200          | 500          | 400/280   |
| 250          | 515          | 420/280   |
| 300          | 540          | 440/265   |



\*\* See under Bilge Shape

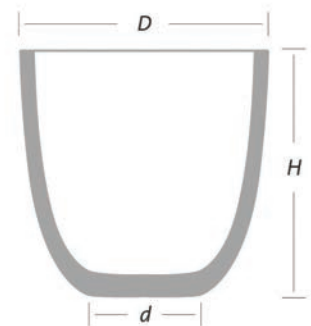
\*\* Siehe unter Bilge Form

\* With pouring Lip

\* Mit Außentülle

# Shape / Form BU & NO

| BU              | BUC STABIL |           |
|-----------------|------------|-----------|
| Size /<br>Größe | H<br>mm    | D/d<br>mm |
| 35              | 345        | 400/205   |
| 50              | 395        | 400/205   |
| 60              | 430        | 400/205   |
| 75              | 375        | 465/280   |
| 100             | 400        | 525/305   |
| 125             | 450        | 525/305   |
| 150             | 490        | 525/305   |
| 175             | 550        | 525/305   |
| 200             | 600        | 530/310   |
| 202             | 620        | 530/310   |
| 203             | 650        | 530/310   |
| 204             | 700        | 530/310   |
| 206             | 760        | 530/310   |
| 210             | 500        | 615/355   |
| 250             | 630        | 615/355   |
| 300             | 700        | 615/355   |
| 350             | 800        | 615/355   |
| 360             | 900        | 615/355   |
| 370             | 1050       | 615/355   |
|                 | 940        | 715/380   |
| MD 13           |            |           |
| 500             | 750        | 765/370   |
| 600             | 900        | 765/370   |
| 700             | 1000       | 780/400   |
| 730             |            |           |
| 750             |            |           |
| 800             |            |           |
| 910             |            |           |
| 1110            |            |           |
|                 |            |           |
| 1210            |            |           |
|                 |            |           |
| 1310            |            |           |
| 1510            |            |           |
| 1800            |            |           |
|                 |            |           |



For tilting furnaces these crucibles can be supplied with recess in bottom (VT) and cut-out (AE) for spout

Standard AE:

up to D = 615 AE = 30 x 80 mm (H x B in mm)

from D = 775 AE = 60 x 120 mm (H x B in mm)

Standard VT:

12 x 100 (H x D in mm)

\* available with pyrometer-pocket

\*\* available with pyrometer-hole in wall

Für Kippöfen mit Bodenvertiefung (VT) und Ausgusseinschnitt (AE) lieferbar

Standard AE:

up to D = 615 AE = 30 x 80 mm (H x B in mm)

from D = 775AE = 60 x 120 mm (H x B in mm)

Standard VT:

12 x 100 (H x D in mm)

\* lieferbar mit Pyrometertasche

\*\* lieferbar mit Pyrometerloch in der Wand

## Shape / Form C

| C            | CC STABIL |          |
|--------------|-----------|----------|
| Size / Größe | H mm      | D/d mm   |
| 20           |           |          |
| 25           |           |          |
| 30           |           |          |
| 35           |           |          |
| 40           |           |          |
| 50           | 370       | 250/175  |
| 60           | 400       | 250/175  |
| 70           | 410       | 270/200  |
| 80           | 440       | 275/200  |
| 100          | 480       | 295/215  |
| 120          | 510       | 310/220  |
| 150          | 550       | 325/235  |
| 200          | 600       | 345/235* |



To size C 80 without recess in bottom

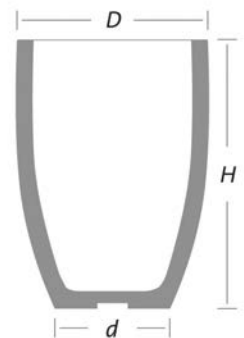
\* Without pouring lip

Bis Größe C 80 ohne Bodenvertiefung

\* Ohne Außentülle

## Shape / Form FU

| FU           | FUC STABIL |         |
|--------------|------------|---------|
| Size / Größe | H mm       | D/d mm  |
| 107          |            |         |
| 300          | 870        | 445/295 |
| 500          | 990        | 480/290 |
| 600          | 1090       | 480/290 |
| 750          | 1130       | 540/330 |
| 1000         | 1130       | 550/335 |
| 1200         | 1100       | 615/360 |
| 1500         | 1130       | 670/420 |
| 2000         | 1130       | 780/420 |
| 2500         | 1235       | 780/420 |
| 3000         | 1400       | 780/420 |



Cut-out (AE) up to D=615: 40 x 80 (H x D in mm)

Bottom recess (VT): 12 x 100 (H x D in mm)

Ausgussseinschnitt (AE) bis D=615: 40 x 80 (H x D in mm)

Bodenvertiefung (VT): 12 x 100 (H x D in mm)

## Shape / Form P (TP without spout / TP ohne Ausguss)

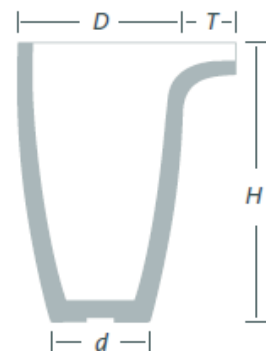
| P               | PC STABIL |           |
|-----------------|-----------|-----------|
| Size /<br>Größe | H<br>mm   | D/d<br>mm |
| 6               | 675       | 415/285   |
| 8               | 800       | 435/295   |
| 10              | 940       | 440/295   |
| 14              | 1015      | 445/295   |
| 15              | 970       | 540/360   |
| 389             | 690       | 345/245   |
| 830             | 1190      | 540/360   |
| 901             | 760       | 295/225   |
| 904             | 915       | 345/245   |
| 980             | 1220      | 675/420   |



Bottom recess (VT): 12 x 100 (H x D in mm)  
 Bodenvertiefung (VT): 12 x 100 (H x D in mm)

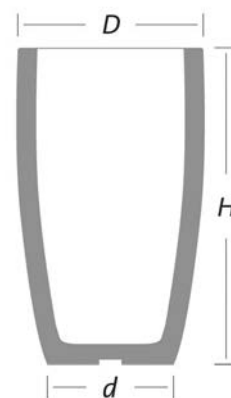
## Shape / Form TP

| TP              | TPC STABIL |           |         |
|-----------------|------------|-----------|---------|
| Size /<br>Größe | H<br>mm    | D/d<br>mm | T<br>mm |
| 254             |            |           |         |
| 173             | 490        | 295/225   | 100     |
| 722             |            |           |         |
| 246             |            |           |         |
| 184             |            |           |         |
| 400             | 615        | 345/245   | 135     |
| 723             | 640        | 370/270   | 120     |
| 843             | 675        | 420/295   | 150     |
| 196             | 780        | 370/270   | 120     |
| 600             | 805        | 370/270   | 120     |
| 982             | 800        | 430/295   | 150     |
| 274             | 720        | 430/295   | 150     |
| 12              | 940        | 430/295   | 150     |
| 16              | 970        | 540/360   | 150     |



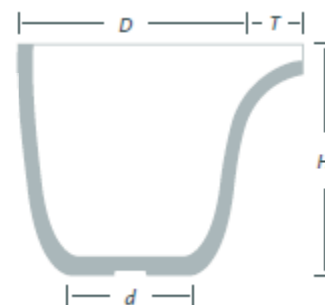
## Shape / Form R

| R               | RC STABIL |           |
|-----------------|-----------|-----------|
| Size /<br>Größe | H<br>mm   | D/d<br>mm |
| 200             | 620       | 345/240   |
| 250             | 650       | 370/270   |
| 300             | 720       | 430/270   |
| 350             | 750       | 430/290   |
| 500             | 840       | 480/290   |
| 600             | 940       | 480/290   |



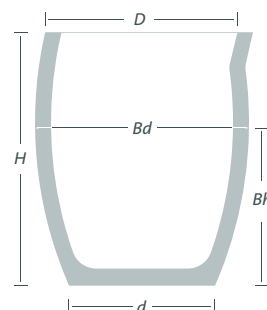
## Shape / Form TP (BU with Spout / BU mit Ausguss)

| TP              | TPC STABIL |           |      |
|-----------------|------------|-----------|------|
| Size /<br>Größe | H<br>mm    | D/d<br>mm | T mm |
| 287             | 600        | 525/310   | 150  |
| 89              | 740        | 525/310   | 150  |
| 387             | 630        | 615/360   | 150  |
| 412             | 800        | 615/360   | 150  |
| 412 H           | 900        | 615/360   | 150  |
| 587             | 900        | 780/400   | 170  |
| 587 H           | 1000       | 780/400   | 170  |



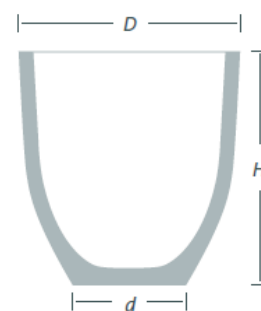
## Shape / Form BILGE

| BILGE           | BILGE NOC STABIL |         |         |          |          |
|-----------------|------------------|---------|---------|----------|----------|
| Size /<br>Größe | H<br>mm          | D<br>mm | d<br>mm | Bd<br>mm | Bh<br>mm |
| 10              | 205              | 155     | 110     | 165      | 125      |
| 12              | 215              | 165     | 115     | 175      | 135      |
| 14              | 230              | 170     | 130     | 185      | 135      |
| 16              | 235              | 180     | 135     | 190      | 150      |
| 18              | 250              | 185     | 145     | 200      | 160      |
| 20              | 260              | 200     | 145     | 215      | 170      |
| 30              | 290              | 220     | 165     | 240      | 180      |
| 40              | 320              | 240     | 190     | 265      | 190      |
| 50              | 350              | 260     | 195     | 285      | 225      |
| 60              | 380              | 270     | 215     | 300      | 250      |
| 70              | 390              | 280     | 235     | 320      | 225      |
| 80              | 405              | 295     | 240     | 330      | 250      |
| 90              | 410              | 310     | 245     | 335      | 270      |
| 100             | 425              | 320     | 245     | 350      | 260      |
| 125             | 460              | 330     | 245     | 365      | 290      |
| 150             | 475              | 345     | 270     | 380      | 300      |
| 175             | 495              | 365     | 270     | 400      | 320      |
| 200             | 515              | 385     | 290     | 425      | 320      |
| 225             | 540              | 395     | 290     | 430      | 345      |
| 275             | 590              | 420     | 310     | 460      | 395      |
| 300             | 595              | 430     | 340     | 470      | 400      |
| 400             | 630              | 470     | 355     | 505      | 410      |



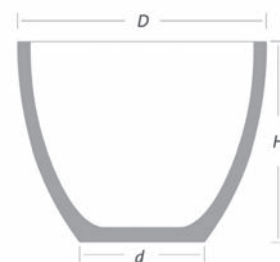
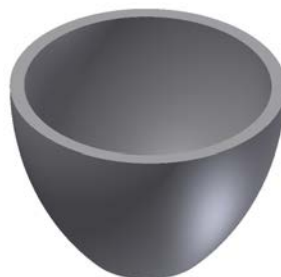
## Shape / Form US BASIN

| BASIN        | NOC STABIL |         |         |
|--------------|------------|---------|---------|
| Size / Größe | H<br>mm    | D<br>mm | d<br>mm |
| 1015         | 380        | 535     | 310     |
| 1025         | 635        | 535     | 310     |
| 1027         | 685        | 535     | 310     |
| 1028         | 710        | 535     | 310     |
| 1030         | 760        | 535     | 310     |
| 2416         | 405        | 605     | 340     |
| 2420         | 510        | 605     | 340     |
| 2423         | 585        | 605     | 340     |
| 2425         | 635        | 605     | 340     |
| 2427         | 685        | 605     | 340     |
| 2428         | 710        | 605     | 340     |
| 2432         | 815        | 605     | 340     |
| 2436         | 915        | 605     | 340     |
| 20,700       | 635        | 760     | 370     |
| 20,890       | 760        | 765     | 370     |
| 21,280       | 965        | 765     | 370     |
| 21,430       | 1040       | 765     | 370     |
| 21,550       | 1140       | 765     | 370     |
| 21,860       | 1295       | 765     | 370     |
| 30,630       | 630        | 710     | 380     |
| 30,765       | 685        | 710     | 380     |
| 30,810       | 735        | 710     | 380     |
| 30,850       | 760        | 710     | 380     |
| 31,100       | 940        | 710     | 380     |
| 31,270       | 1050       | 710     | 380     |
| 31,300       | 1100       | 710     | 380     |
| 31,400       | 1145       | 710     | 380     |



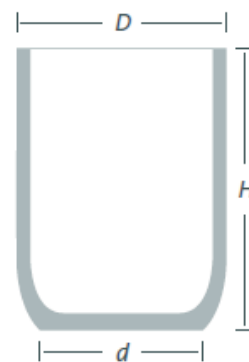
## Shape / Form US BOWL

| US BOWL      | BC STABIL |         |
|--------------|-----------|---------|
| Size / Größe | H mm      | D/d mm  |
| 300          | 470       | 570/305 |
| 350          | 405       | 700/305 |
| 400          | 445       | 700/305 |
| 450          | 485       | 700/305 |
| 500          | 525       | 715/305 |
| 600          | 585       | 720/305 |
| 700          | 560       | 860/380 |
| 800          | 605       | 870/380 |
| 900          | 650       | 880/380 |
| 1000         | 710       | 885/380 |



## Shape / Form US INDUCTION

| US Series Induction (Large Bottom) | NOC STABIL |      |      |
|------------------------------------|------------|------|------|
| Size                               | H mm       | D mm | d mm |
| 1128                               | 710        | 525  | 405  |
| 1130                               | 760        | 525  | 405  |
| 1132                               | 815        | 525  | 405  |
| 2130                               | 760        | 605  | 480  |
| 2132                               | 815        | 605  | 480  |
| 33100                              | 935        | 710  | 535  |
| 33270                              | 1050       | 710  | 535  |
| 33000 H max                        | 1195       | 710  | 535  |





## Shape / Form Cylinder / Zylinder

| ZYL             | ZYLC STABIL                |           |
|-----------------|----------------------------|-----------|
| Size /<br>Größe | H <sub>max</sub> *<br>(mm) | D/d<br>mm |
| 200 x 80        |                            |           |
| 170 x 100       | 170                        | 100/100   |
| 205 x 115       | 205                        | 115/110   |
| 250 x 135       | 250                        | 135/130   |
| 290 x 145       |                            |           |
| 360 x 155       |                            |           |
| 390 x 165       |                            |           |
| 320 x 170       | 320                        | 170/165   |
| 280 x 180       |                            |           |
| 400 x 190       |                            |           |
| 550 x 205       |                            |           |
| 355 x 220       | 355                        | 220/215   |
| 470 x 220       |                            |           |
| 490 x 225       |                            |           |
| 405 x 230       |                            |           |
| 530 x 240       |                            |           |
| 600 x 250       |                            |           |
| 470 x 260       |                            |           |
| 475 x 255       | 475                        | 255/245   |
| 475 x 265       | 475                        | 265/255   |
| 720 x 295       |                            |           |
| 530 x 305       |                            |           |
| 460 x 315       |                            |           |
| 480 x 310       | 480                        | 310/305   |
| 700 x 330       |                            |           |
| 820 x 340       |                            |           |
| 510 x 360       | 510                        | 360/350   |
| 630 x 385       | 630                        | 385/380   |
| 730 x 385       |                            |           |
| 1000 x 400      |                            |           |
| 560 x 405       |                            |           |
| 650 x 415       |                            |           |
| 690 x 415       | 690                        | 415/405   |
| 710 x 420       |                            |           |



\* Other dimensions smaller H max. on request

\* von H max. abweichende Höhe auf Anfrage

# Shape / Form Cylinder / Zylinder

| ZYL             | ZYLC STABIL                |           |
|-----------------|----------------------------|-----------|
| Size /<br>Größe | H <sub>max</sub> *<br>(mm) | D/d<br>mm |
| 760 x 445       | 760                        | 445/430   |
| 950 x 450       |                            |           |
| 1000 x 465      |                            |           |
| 920 x 470       |                            |           |
| 1100 x 475      |                            |           |
| 850 x 485       | 850                        | 485/475   |
| 1000 x 485      |                            |           |
| 1525 x 525      |                            |           |
| 700 x 535       |                            |           |
| 950 x 550       |                            |           |
| 815 x 560       |                            |           |
| 945 x 560       |                            |           |
| 1000 x 585      | 1000                       | 585/570   |
| 850 x 600       |                            |           |
| 1100 x 605      |                            |           |
| 1090 x 615      |                            |           |
| 1000 x 640      |                            |           |
| 1000 x 730      |                            |           |
| 830 x 740       |                            |           |
| 2025 x 775      |                            |           |
| 1450 x 790      | 1450                       | 790/785   |
| 2000 x 810      |                            |           |
| 1850 x 880      |                            |           |
| 1850 x 900      |                            |           |
| 2025 x 950      |                            |           |



\* Other dimensions smaller H max. on request

\* von H max. abweichende Höhe auf Anfrage

\*\* Available from October 2016

\*\* Ab Oktober 2016 verfügbar

## How to make an enquiry and place an order / Hinweise zu einer Anfrage und zu einem Auftrag

When making an enquiry or placing an order for the time, please provide the following information regarding your application:

- Furnace type
- Recommended crucible size
- Heating mode of furnace (gas, oil, electrical resistance or induction heated)
- Alloy to be melted
- Furnace temperature
- Process (melting, holding, shift cycle)
- Frequency of flux treatments

Selection of the most appropriate crucible, when combined with the observance of correct practices, will help to reduce your melting costs. Please do not hesitate to contact us for further customized products.

Morgan Molten Metals Systems GmbH  
NOLTINAstraße 29  
D-37297 Berkatal-Frankenhain  
Fon +49 (0) 56 57 / 7 01-0  
Fax +49 (0) 56 57 / 7 01-56  
Morgan Molten Metal Systems GmbH  
mmmsgmbh@morganplc.com  
www.morganmms.com

Geben Sie bei einer Anfrage oder einem Erstauftrag unbedingt folgende Angaben zur Bestimmung der Tiegelart und Tiegelqualität an:

- Ofentyp
- vom Ofenhersteller empfohlene Tiegelgrößen
- Beheizungsart des Ofens (gas-, öl-, elektrowiderstands- oder induktivbeheizt)
- zu schmelzende Metalllegierung
- Ofeninnenraumtemperatur
- Einsatztechnologie (Schmelzen, Warmhalten)
- Einsatz von Schmelzpräparaten

Ein den Anforderungen entsprechend optimal ausgewählter Tiegel mit den entscheidenden Eigenschaftsvorteilen, das richtige Handling, kombiniert mit unserem Service, reduziert Ihre Schmelzkosten. Die Herstellung von Produkten anhand Kundenspezifikationen ist für uns eine Selbstverständlichkeit und Herausforderung zugleich.

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