

## RECTUS Series

21KB



## Nominal Diameter

20 mm<sup>2</sup> = 5

Brass/Steel

Low Pressure

## Technical Description

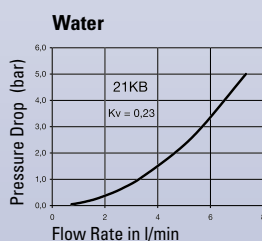
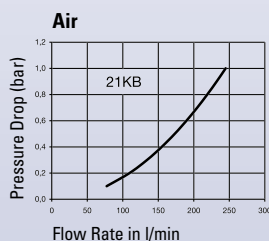
Mini industrial coupling, internationally the most common profile for this nominal diameter, in double shut-off design. Above average flow performance for liquid and gaseous media. Large band width in materials and valve variants.

## Dust Caps (P. 325)

for coupling

Part.-No. SK16S

## Chart



## Advantages

Single handed operation.  
Small dimensions. Reliable design.

## Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

## Working Temperature\*

-20°C up to +100°C (NBR)  
-40°C up to +120/150°C (EPDM)  
-15°C up to +200°C (FKM)  
0°C up to +316°C (FFKM)  
depending on the medium.

\*At a temperature below -20°C and above +100°C special seals are available on request.

## Materials

## Coupling

Back Body  
Valve Body  
Sleeve  
Valve  
Spring and Locking Ring  
Locking Balls  
Seals

## Standard

Brass  
Brass  
Brass  
Brass  
AISI 301  
AISI 420  
NBR

## Nickel Plated

Brass, Nickel Plated  
Brass, Nickel Plated  
Brass, Nickel Plated  
Brass  
AISI 301  
AISI 420  
NBR

## Plug

Plug Profile  
Back Body  
Valve  
Spring  
Seal

Brass  
Brass  
Brass  
AISI 301  
NBR

Brass, Nickel Plated  
Brass, Nickel Plated  
Brass  
AISI 301  
NBR



actual size

You will find the following alternative versions in our current catalogue on page:

- Brass/Steel Single Shut-off P. 34
- Brass/Steel Dry-Break P. 152
- Stainless Steel P. 193
- Thermoplastics P. 232
- Safety P. 256
- Coded Systems P. 294

## Couplings

## RECTUS Series 21KB

|                    | Connection A | Hex SW | L mm | D mm | L1 mm | L2 mm | Hex1 SW1 | B mm | G mm | Version       | Part Number   | DS |
|--------------------|--------------|--------|------|------|-------|-------|----------|------|------|---------------|---------------|----|
| <p>Male Thread</p> | G 1/8        | 14     | 36   | 16   | 7     |       |          |      |      | Standard      | 21KB AW10 MPX | ■  |
|                    |              |        |      |      |       |       |          |      |      | Nickel Plated | 21KB AW10 MPN | ■  |
|                    | G 1/4        | 17     | 38   | 16   | 9     |       |          |      |      | Standard      | 21KB AW13 MPX | ■  |
|                    |              |        |      |      |       |       |          |      |      | Nickel Plated | 21KB AW13 MPN | ■  |
|                    | G 3/8        | 19     | 38   | 16   | 9     |       |          |      |      | Standard      | 21KB AW17 MPX | ■  |
|                    |              |        |      |      |       |       |          |      |      | Nickel Plated | 21KB AW17 MPN | ■  |
|                    | M 10 x 1     | 14     | 37   | 16   | 8     |       |          |      |      | Standard      | 21KB AD10 MPX | ■  |
|                    |              |        |      |      |       |       |          |      |      | Nickel Plated | 21KB AD10 MPN | ■  |
|                    | M 12 x 1,5   | 17     | 39   | 16   | 10    |       |          |      |      | Standard      | 21KB AD12 MPX | ■  |
|                    |              |        |      |      |       |       |          |      |      | Nickel Plated | 21KB AD12 MPN | ■  |
|                    | M 14 x 1,5   | 17     | 39   | 16   | 10    |       |          |      |      | Standard      | 21KB AD14 MPX | ■  |
|                    |              |        |      |      |       |       |          |      |      | Nickel Plated | 21KB AD14 MPN | ■  |

DS = Delivery Status:

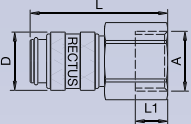
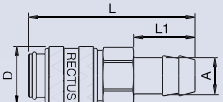
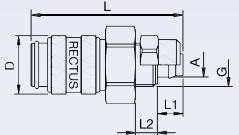
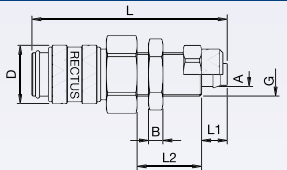
■ in stock

■ on short call

■ medium term delivery

## Couplings

## RECTUS Series 21KB

|                                                                                                                                            | Connection A | Hex<br>SW | L<br>mm | D<br>mm | L1<br>mm | L2<br>mm | Hex1<br>SW1 | B<br>mm | G<br>mm  | Version       | Part Number   | DS |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|---------|---------|----------|----------|-------------|---------|----------|---------------|---------------|----|
|  <p><b>Female Thread</b></p>                              | G 1/8        | 14        | 36      | 16      | 9        |          |             |         |          | Standard      | 21KB IW10 MPX | ■  |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB IW10 MPN | ■□ |
|                                                                                                                                            | G 1/4        | 17        | 38      | 16      | 9        |          |             |         |          | Standard      | 21KB IW13 MPX | ■  |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB IW13 MPN | ■  |
|                                                                                                                                            | G 3/8        | 19        | 38      | 16      | 9        |          |             |         |          | Standard      | 21KB IW17 MPX | ■  |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB IW17 MPN | ■□ |
|                                                                                                                                            | M 12 x 1,5   | 17        | 38      | 16      | 6        |          |             |         |          | Standard      | 21KB IM12 MPX | ■□ |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB IM12 MPN | ■□ |
|                                                                                                                                            | M 14 x 1,5   | 17        | 38      | 16      | 6        |          |             |         |          | Standard      | 21KB IM14 MPX | ■□ |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB IM14 MPN | ■□ |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          |               |               |    |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          |               |               |    |
|  <p><b>Hose Barb</b></p>                                | 4 mm         | 14        | 46      | 16      | 17       |          |             |         |          | Standard      | 21KB TF04 MPX | ■□ |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB TF04 MPN | ■  |
|                                                                                                                                            | 5 mm         | 14        | 46      | 16      | 17       |          |             |         |          | Standard      | 21KB TF05 MPX | ■□ |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB TF05 MPN | ■□ |
|                                                                                                                                            | 6 mm         | 14        | 46      | 16      | 17       |          |             |         |          | Standard      | 21KB TF06 MPX | ■  |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB TF06 MPN | ■  |
|                                                                                                                                            | 8 mm         | 14        | 46      | 16      | 17       |          |             |         |          | Standard      | 21KB TF08 MPX | ■  |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB TF08 MPN | ■□ |
|                                                                                                                                            | 9 mm         | 14        | 46      | 16      | 17       |          |             |         |          | Standard      | 21KB TF09 MPX | ■□ |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB TF09 MPN | ■□ |
|                                                                                                                                            | 10 mm        | 14        | 46      | 16      | 17       |          |             |         |          | Standard      | 21KB TF10 MPX | ■  |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB TF10 MPN | ■□ |
|  <p><b>Plastic Hose Connection</b></p>                  | 4 x 6 mm     | 14        | 42      | 16      | 7        | 6        |             |         | M 10 x 1 | Standard      | 21KB KO06 MPX | ■  |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB KO06 MPN | ■  |
|                                                                                                                                            | 6 x 8 mm     | 14        | 42      | 16      | 7        | 6        |             |         | M 12 x 1 | Standard      | 21KB KO08 MPX | ■□ |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB KO08 MPN | ■  |
|  <p><b>Panel Mount,<br/>Plastic Hose Connection</b></p> | 4 x 6 mm     | 14        | 54      | 16      | 7        | 18       | 14          | 4       | M 10 x 1 | Standard      | 21KB KS06 MPX | ■□ |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB KS06 MPN | ■□ |
|                                                                                                                                            | 6 x 8 mm     | 17        | 54      | 16      | 7        | 18       | 17          | 4       | M 12 x 1 | Standard      | 21KB KS08 MPX | ■□ |
|                                                                                                                                            |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB KS08 MPN | ■□ |

DS = Delivery Status:

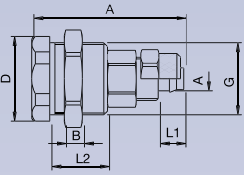
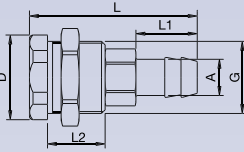
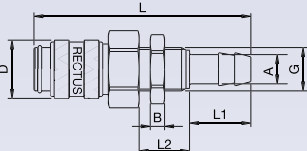
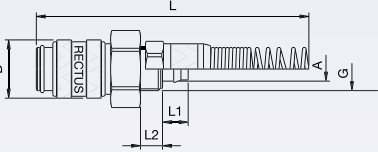
■ in stock

■□ on short call

■□ medium term delivery

## Couplings

## RECTUS Series 21KB

|                                                                                                                                                       | Connection A | Hex<br>SW | L<br>mm | D<br>mm | L1<br>mm | L2<br>mm | Hex1<br>SW1 | B<br>mm | G<br>mm  | Version       | Part Number   | DS |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|---------|---------|----------|----------|-------------|---------|----------|---------------|---------------|----|
|  <p><b>Front Panel Installation<br/>Plastic Hose Panel Mount</b></p> | 4 x 6 mm     | 22        | 42      | 24      | 7        | 16       | 24          | 5       | M 20 x 1 | Standard      | 21KB KE06 MPX | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB KE06 MPN | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          |               |               |    |
|                                                                                                                                                       | 6 x 8 mm     | 22        | 42      | 24      | 7        | 16       | 24          | 5       | M 20 x 1 | Standard      | 21KB KE08 MPX | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB KE08 MPN | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          |               |               |    |
|  <p><b>Front Panel Installation,<br/>Hose Barb Panel Mount</b></p>   | 4 mm         | 22        | 46      | 24      | 17       | 16       | 24          | 5       | M 20 x 1 | Standard      | 21KB TE04 MPX | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB TE04 MPN | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          |               |               |    |
|                                                                                                                                                       | 6 mm         | 22        | 46      | 24      | 17       | 16       | 24          | 5       | M 20 x 1 | Standard      | 21KB TE06 MPX | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB TE06 MPN | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          |               |               |    |
|                                                                                                                                                       | 9 mm         | 22        | 46      | 24      | 17       | 16       | 24          | 5       | M 20 x 1 | Standard      | 21KB TE09 MPX | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB TE09 MPN | ■  |
|  <p><b>Panel Mount,<br/>Hose Barb</b></p>                           | 4 mm         | 14        | 60      | 16      | 17       | 14       | 14          | 4       | M 10 x 1 | Standard      | 21KB TS04 MPX | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB TS04 MPN | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          |               |               |    |
|                                                                                                                                                       | 5 mm         | 17        | 60      | 16      | 17       | 14       | 17          | 4       | M 12 x 1 | Standard      | 21KB TS05 MPX | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB TS05 MPN | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          |               |               |    |
|                                                                                                                                                       | 6 mm         | 17        | 60      | 16      | 17       | 14       | 17          | 4       | M 12 x 1 | Standard      | 21KB TS06 MPX | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB TS06 MPN | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          |               |               |    |
|                                                                                                                                                       | 8 mm         | 17        | 60      | 16      | 17       | 14       | 17          | 4       | M 12 x 1 | Standard      | 21KB TS08 MPX | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB TS08 MPN | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          |               |               |    |
|  <p><b>Plastic Hose Connection<br/>with Spring Guard</b></p>        | 4 x 6 mm     | 14        | 125     | 16      | 7        | 6        |             |         | M 10 x 1 | Standard      | 21KB KK06 MPX | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB KK06 MPN | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          |               |               |    |
|                                                                                                                                                       | 6 x 8 mm     | 14        | 130     | 16      | 7        | 6        |             |         | M 10 x 1 | Standard      | 21KB KK08 MPX | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          | Nickel Plated | 21KB KK08 MPN | ■  |
|                                                                                                                                                       |              |           |         |         |          |          |             |         |          |               |               |    |

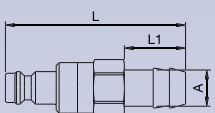
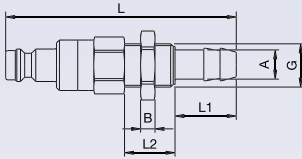
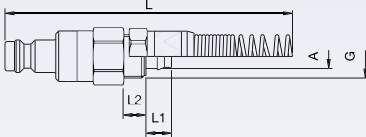
DS = Delivery Status: ■ in stock

■ on short call

■ medium term delivery

## Valved Plugs

## RECTUS Series 21KB

|                                                                                                                                                 | Connection A | Hex SW | L   | D | L1 | L2 | Hex1 SW1 | B | G        | Version       | Part Number   | DS |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------|-----|---|----|----|----------|---|----------|---------------|---------------|----|
|  <p><b>Hose Barb</b></p>                                       | 4 mm         | 14     | 50  |   | 17 |    |          |   |          | Standard      | 21SB TF04 MPX | ■  |
|                                                                                                                                                 |              |        |     |   |    |    |          |   |          | Nickel Plated | 21SB TF04 MPN | ■  |
|                                                                                                                                                 | 5 mm         | 14     | 50  |   | 17 |    |          |   |          | Standard      | 21SB TF05 MPX | ■  |
|                                                                                                                                                 |              |        |     |   |    |    |          |   |          | Nickel Plated | 21SB TF05 MPN | ■  |
|                                                                                                                                                 | 6 mm         | 14     | 50  |   | 17 |    |          |   |          | Standard      | 21SB TF06 MPX | ■  |
|                                                                                                                                                 |              |        |     |   |    |    |          |   |          | Nickel Plated | 21SB TF06 MPN | ■  |
|                                                                                                                                                 | 8 mm         | 14     | 50  |   | 17 |    |          |   |          | Standard      | 21SB TF08 MPX | ■  |
|                                                                                                                                                 |              |        |     |   |    |    |          |   |          | Nickel Plated | 21SB TF08 MPN | ■  |
|  <p><b>Plastic Hose Connection</b></p>                         | 4 x 6 mm     | 14     | 46  |   | 7  | 6  |          |   | M 10 x 1 | Standard      | 21SB KO06 MPX | ■  |
|                                                                                                                                                 |              |        |     |   |    |    |          |   |          | Nickel Plated | 21SB KO06 MPN | ■  |
|                                                                                                                                                 | 6 x 8 mm     | 14     | 46  |   | 7  | 6  |          |   | M 12 x 1 | Standard      | 21SB KO08 MPX | ■  |
|                                                                                                                                                 |              |        |     |   |    |    |          |   |          | Nickel Plated | 21SB KO08 MPN | ■  |
|  <p><b>Panel Mount,<br/>Plastic Hose Connection</b></p>      | 4 x 6 mm     | 14     | 58  |   | 7  | 18 | 12       | 3 | M 10 x 1 | Standard      | 21SB KS06 MPX | ■  |
|                                                                                                                                                 |              |        |     |   |    |    |          |   |          | Nickel Plated | 21SB KS06 MPN | ■  |
|                                                                                                                                                 | 6 x 8 mm     | 17     | 58  |   | 7  | 18 | 17       | 4 | M 12 x 1 | Standard      | 21SB KS08 MPX | ■  |
|                                                                                                                                                 |              |        |     |   |    |    |          |   |          | Nickel Plated | 21SB KS08 MPN | ■  |
|  <p><b>Panel Mount,<br/>Hose Barb</b></p>                    | 4 mm         | 14     | 64  |   | 17 | 14 | 14       | 4 | M 10 x 1 | Standard      | 21SB TS04 MPX | ■  |
|                                                                                                                                                 |              |        |     |   |    |    |          |   |          | Nickel Plated | 21SB TS04 MPN | ■  |
|                                                                                                                                                 | 6 mm         | 14     | 64  |   | 17 | 14 | 17       | 4 | M 12 x 1 | Standard      | 21SB TS06 MPX | ■  |
|                                                                                                                                                 |              |        |     |   |    |    |          |   |          | Nickel Plated | 21SB TS06 MPN | ■  |
|                                                                                                                                                 | 8 mm         | 14     | 64  |   | 17 | 14 | 17       | 4 | M 12 x 1 | Standard      | 21SB TS08 MPX | ■  |
|                                                                                                                                                 |              |        |     |   |    |    |          |   |          | Nickel Plated | 21SB TS08 MPN | ■  |
|  <p><b>Plastic Hose Connection<br/>with Spring Guard</b></p> | 4 x 6 mm     | 14     | 130 |   | 7  | 6  |          |   | M 10 x 1 | Standard      | 21SB KK06 MPX | ■  |
|                                                                                                                                                 |              |        |     |   |    |    |          |   |          | Nickel Plated | 21SB KK06 MPN | ■  |
|                                                                                                                                                 | 6 x 8 mm     | 14     | 135 |   | 7  | 6  |          |   | M 12 x 1 | Standard      | 21SB KK08 MPX | ■  |
|                                                                                                                                                 |              |        |     |   |    |    |          |   |          | Nickel Plated | 21SB KK08 MPN | ■  |

DS = Delivery Status:

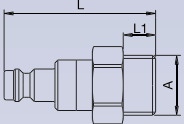
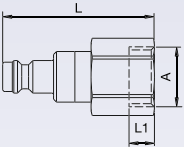
■ in stock

■ on short call

■ medium term delivery

## Valved Plugs

## RECTUS Series 21KB

| Connection A                                                                                                    | Hex SW     | L  | D  | L1 | L2 | Hex1 SW1 | B | G | Version       | Part Number   | DS  |
|-----------------------------------------------------------------------------------------------------------------|------------|----|----|----|----|----------|---|---|---------------|---------------|-----|
|  <p><b>Male Thread</b></p>     | G 1/8      | 14 | 40 | 7  |    |          |   |   | Standard      | 21SB AW10 MPX | ■   |
|                                                                                                                 |            |    |    |    |    |          |   |   | Nickel Plated | 21SB AW10 MPN | ■   |
|                                                                                                                 | G 1/4      | 17 | 42 | 9  |    |          |   |   | Standard      | 21SB AW13 MPX | ■   |
|                                                                                                                 |            |    |    |    |    |          |   |   | Nickel Plated | 21SB AW13 MPN | ■   |
|                                                                                                                 | G 3/8      | 19 | 42 | 9  |    |          |   |   | Standard      | 21SB AW17 MPX | ■ □ |
|                                                                                                                 |            |    |    |    |    |          |   |   | Nickel Plated | 21SB AW17 MPN | ■ □ |
|                                                                                                                 | M 10 x 1   | 14 | 41 | 8  |    |          |   |   | Standard      | 21SB AD10 MPX | ■   |
|                                                                                                                 |            |    |    |    |    |          |   |   | Nickel Plated | 21SB AD10 MPN | ■ □ |
|                                                                                                                 | M 12 x 1,5 | 17 | 43 | 10 |    |          |   |   | Standard      | 21SB AD12 MPX | ■ □ |
|                                                                                                                 |            |    |    |    |    |          |   |   | Nickel Plated | 21SB AD12 MPN | ■ □ |
|                                                                                                                 | M 14 x 1,5 | 17 | 43 | 10 |    |          |   |   | Standard      | 21SB AD14 MPX | ■   |
|                                                                                                                 |            |    |    |    |    |          |   |   | Nickel Plated | 21SB AD14 MPN | ■ □ |
|  <p><b>Female Thread</b></p> | G 1/8      | 14 | 40 | 7  |    |          |   |   | Standard      | 21SB IW10 MPX | ■   |
|                                                                                                                 |            |    |    |    |    |          |   |   | Nickel Plated | 21SB IW10 MPN | ■ □ |
|                                                                                                                 | G 1/4      | 17 | 42 | 7  |    |          |   |   | Standard      | 21SB IW13 MPX | ■   |
|                                                                                                                 |            |    |    |    |    |          |   |   | Nickel Plated | 21SB IW13 MPN | ■   |
|                                                                                                                 | G 3/8      | 19 | 42 | 7  |    |          |   |   | Standard      | 21SB IW17 MPX | ■   |
|                                                                                                                 |            |    |    |    |    |          |   |   | Nickel Plated | 21SB IW17 MPN | ■ □ |
|                                                                                                                 | M 12 x 1,5 | 17 | 42 | 7  |    |          |   |   | Standard      | 21SB IM12 MPX | ■ □ |
|                                                                                                                 |            |    |    |    |    |          |   |   | Nickel Plated | 21SB IM12 MPN | ■ □ |
|                                                                                                                 | M 14 x 1,5 | 17 | 42 | 7  |    |          |   |   | Standard      | 21SB IM14 MPX | ■ □ |
|                                                                                                                 |            |    |    |    |    |          |   |   | Nickel Plated | 21SB IM14 MPN | ■ □ |
|                                                                                                                 |            |    |    |    |    |          |   |   |               |               |     |
|                                                                                                                 |            |    |    |    |    |          |   |   |               |               |     |

DS = Delivery Status:

■ in stock

■ □ on short call

■ □ medium term delivery