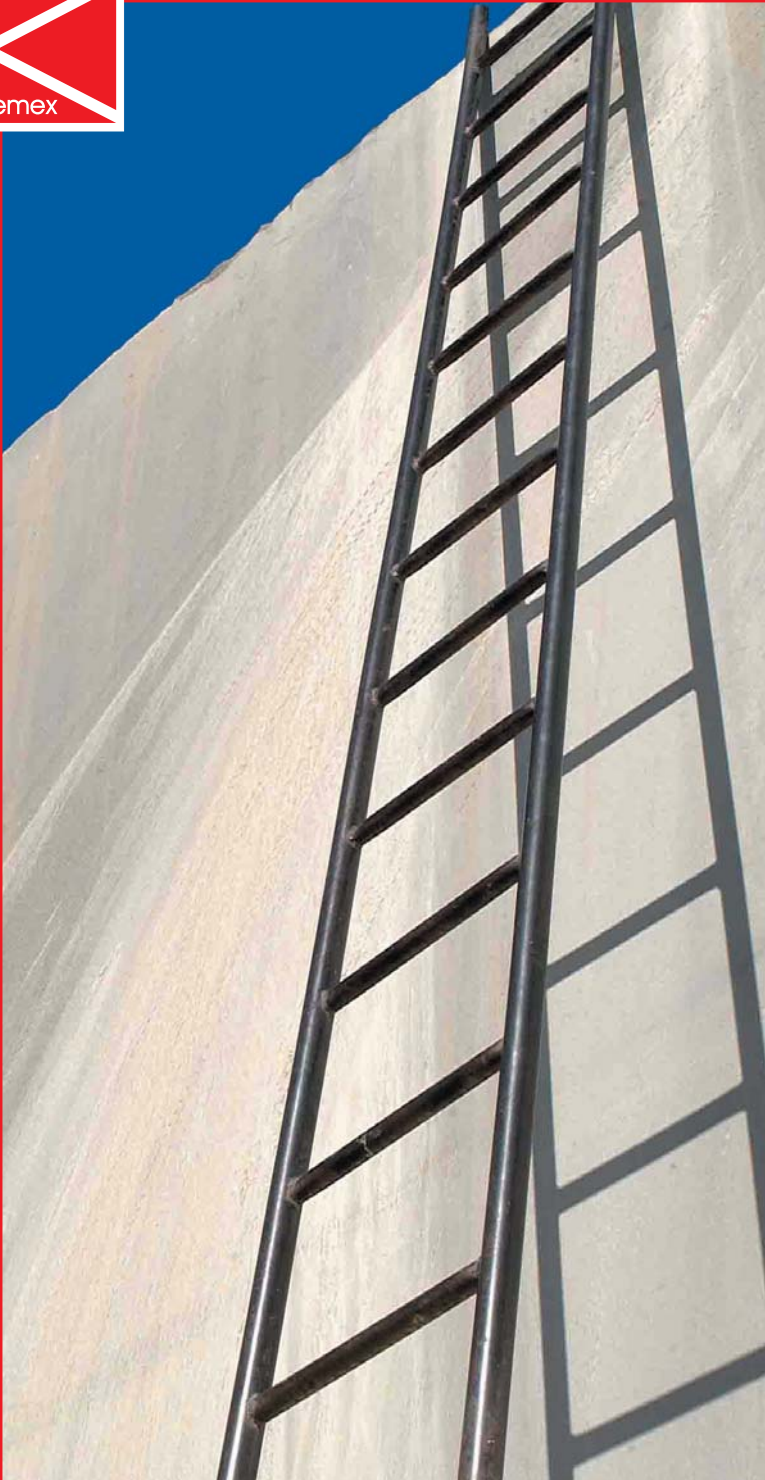


kemex

drill bits & drill steel



Kemex Group

Kemex Group is a private group of companies with a global presence and professional management team. An executive board of members manages the Group with a strong management team at operational level in its four business units operating in South Africa, Brazil, USA and China.

Kemex is committed to growing its business through effective and responsible corporate practices. With a strong focus on its operational divisions, Kemex prides itself in providing quality products supported by service excellence through professional and experienced staff.

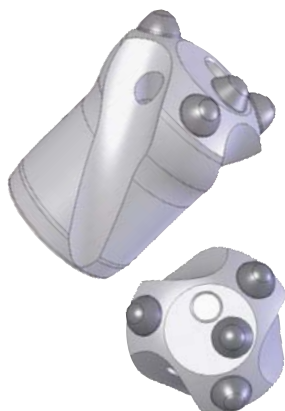
Kemex specializes in supplying machinery, equipment and consumables for the cutting, drilling and processing sectors of the following industries:

- Mining (mineral ores)
- Dimension Stone Quarrying (granite, marble, sandstone)
- Construction (cement and concrete)

TAPER DRILL BITS

4/5 BUTTON BITS

4/5 BUTTON BITS Full Spiral Flushing HEX22



| Diam. | Part Number | Gauge Buttons | Top Buttons | Flushing Top | Holes Side | Taper |
|-------|-------------------------------|---------------|-------------|--------------|------------|-------|
| 32 | BS32-31-11-88 | 3 x 8 S/Bal | 1 x 8 Con | 1 | 1 | 11° |
| 32 | BS32-32-11-78 | 3 x 8 S/Bal | 2 x 7 Con | 1 | 1 | 11° |
| 34 | BS34-31-11-88 | 3 x 8 S/Bal | 1 x 8 Con | 1 | 1 | 11° |
| 34 | BS34-32-11-78 | 3 x 8 S/Bal | 2 x 7 Con | 1 | 1 | 11° |
| 36 | BS36-31-11-89 | 3 x 9 S/Bal | 1 x 8 Con | 1 | 1 | 11° |
| 36 | BS36-32-11-79 | 3 x 9 S/Bal | 2 x 7 Con | 1 | 1 | 11° |
| 38 | BS38-32-11-89 | 3 x 9 S/Bal | 2 x 7 Con | 1 | 1 | 11° |
| 41 | BS41-32-11-89 | 3 x 9 S/Bal | 2 x 8 Con | 1 | 1 | 11° |

4/5 BUTTON BITS Conventional HEX22



| Diam. | Part Number | Gauge Buttons | Top Buttons | Flushing Top | Holes Side | Taper |
|-------|------------------------------|---------------|-------------|--------------|------------|-------|
| 32 | B32-31-11-88 | 3 x 8 S/Bal | 1 x 8 Con | 1 | 2 | 11° |
| 32 | B32-32-11-78 | 3 x 8 S/Bal | 2 x 7 Con | 1 | 2 | 11° |
| 34 | B34-31-11-88 | 3 x 8 S/Bal | 1 x 8 Con | 1 | 2 | 11° |
| 34 | B34-32-11-78 | 3 x 8 S/Bal | 2 x 7 Con | 1 | 2 | 11° |
| 32 | B32-31-12-88 | 3 x 8 S/Bal | 1 x 8 Con | 1 | 2 | 12° |
| 32 | B32-32-12-78 | 3 x 8 S/Bal | 2 x 7 Con | 1 | 2 | 12° |
| 34 | B34-31-12-88 | 3 x 8 S/Bal | 1 x 8 Con | 1 | 2 | 12° |
| 34 | B34-32-12-78 | 3 x 8 S/Bal | 2 x 7 Con | 1 | 2 | 12° |



TAPER DRILL BITS

6/7 BUTTON BITS

6 BUTTON BITS Full Body Flushing HEX22

| Diam. | Part Number | Gauge Buttons | Top Buttons | Flushing Top | Holes Side | Taper |
|-------|------------------------------|---------------|-------------|--------------|------------|-------|
| 32 | B32-42-11-77 | 4 x 7 S/Bal | 2 x 7 Con | 2 | 1 | 11° |
| 34 | B34-42-11-77 | 4 x 7 S/Bal | 2 x 7 Con | 2 | 1 | 11° |
| 34 | B34-42-11-78 | 4 x 8 S/Bal | 2 x 7 Con | 2 | 1 | 11° |
| 36 | B36-42-11-78 | 4 x 8 S/Bal | 2 x 7 Con | 2 | 1 | 11° |



7 BUTTON BITS Conventional HEX22

| Diam. | Part Number | Gauge Buttons | Top Buttons | Flushing Top | Holes Side | Taper |
|-------|------------------------------|---------------|-------------|--------------|------------|-------|
| 32 | B32-52-11-77 | 5 x 7 S/Bal | 2 x 7 Con | 1 | 1 | 11° |
| 34 | B34-52-11-77 | 5 x 7 S/Bal | 2 x 7 Con | 1 | 1 | 11° |
| 36 | B36-52-11-78 | 5 x 8 S/Bal | 2 x 7 Con | 1 | 1 | 11° |
| 38 | B38-52-11-79 | 5 x 9 S/Bal | 2 x 7 Con | 1 | 1 | 11° |
| 41 | B41-52-11-89 | 5 x 9 S/Bal | 2 x 8 Con | 1 | 1 | 11° |



7 BUTTON BITS Long Series HEX25

| Diam. | Part Number | Gauge Buttons | Top Buttons | Flushing Top | Holes Side | Taper |
|-------|----------------------------|---------------|-------------|--------------|------------|-------|
| 38 | BL38-52-11 | 5 x 9 S/Bal | 2 x 7 Con | 2 | 1 | 11° |
| 41 | BL41-52-11 | 5 x 9 S/Bal | 2 x 8 Con | 2 | 1 | 11° |





TAPER DRILL BITS

7/8 BUTTON BITS



7 BUTTON BITS Long Series HEX22

| Diam. | Part Number | Gauge Buttons | Top Buttons | Flushing Top | Holes Side | Taper |
|-------|-------------------------------|---------------|-------------|--------------|------------|-------|
| 32 | BL32-52-07-77 | 5 x 7 S/Bal | 2 x 7 Con | 2 | 1 | 7° |
| 33 | BL33-52-07-77 | 5 x 7 S/Bal | 2 x 7 Con | 2 | 1 | 7° |
| 34 | BL34-52-07-77 | 5 x 7 S/Bal | 2 x 7 Con | 1 | 1 | 7° |
| 32 | BL32-52-12-77 | 5 x 7 S/Bal | 2 x 7 Con | 2 | 1 | 12° |
| 33 | BL33-52-12-77 | 5 x 7 S/Bal | 2 x 7 Con | 2 | 1 | 12° |
| 34 | BL34-52-12-77 | 5 x 7 S/Bal | 2 x 7 Con | 1 | 1 | 12° |



8 BUTTON BITS Full Spiral Flushing HEX23

| Diam. | Part Number | Gauge Buttons | Top Buttons | Flushing Top | Holes Side | Taper |
|-------|-------------------------------|---------------|-------------|--------------|------------|-------|
| 32 | BS32-62-11-77 | 6 x 7 S/Bal | 2 x 7 Con | 2 | 1 | 11° |
| 34 | BS34-62-11-77 | 6 x 7 S/Bal | 2 x 7 Con | 2 | 1 | 11° |
| 32 | BS32-62-12-77 | 6 x 7 S/Bal | 2 x 7 Con | 2 | 1 | 12° |
| 34 | BS34-62-12-77 | 6 x 7 S/Bal | 2 x 7 Con | 2 | 1 | 12° |

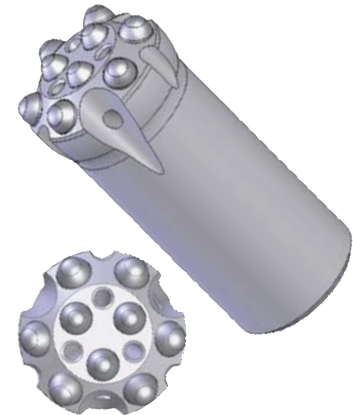


THREADED DRILL BITS

'R' THREAD

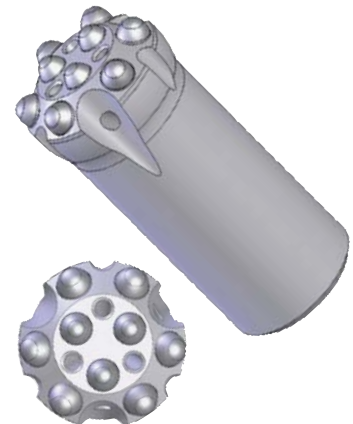
R25 THREAD

| Diam. | Part Number | Gauge Buttons | Top Buttons | Flushing Top | Holes Side |
|-------|----------------------------|---------------|-------------|--------------|------------|
| 38 | B38-52-R25 | 5 x 9 S/Bal | 2 x 7 Con | 1 | 1 |
| 43 | B43-63-R25 | 6 x 10 S/Bal | 3 x 9 Con | 3 | 2 |
| 45 | B45-63-R25 | 6 x 10 S/Bal | 3 x 9 Con | 3 | 2 |



R32 THREAD

| Diam. | Part Number | Gauge Buttons | Top Buttons | Flushing Top | Holes Side |
|-------|----------------------------|---------------|--------------|--------------|------------|
| 43 | B43-63-R32 | 6 x 10 S/Bal | 3 x 9 Con | 3 | 2 |
| 45 | B45-63-R32 | 6 x 10 S/Bal | 3 x 9 Con | 3 | 2 |
| 48 | B48-63-R32 | 6 x 10 S/Bal | 3 x 9 Con | 3 | 2 |
| 51 | B51-63-R32 | 6 x 10 S/Bal | 3 x 9 Con | 3 | 2 |
| 54 | B54-63-R32 | 6 x 10 S/Bal | 3 x 9 Con | 3 | 2 |
| 57 | B57-63-R32 | 6 x 10 S/Bal | 3 x 10 S/Bal | 3 | - |
| 64 | B64-84-R32 | 48 x 10 S/Bal | 3 x 10 S/Bal | 2 | - |



THREADED DRILL BITS

'T' THREAD

T38 THREAD

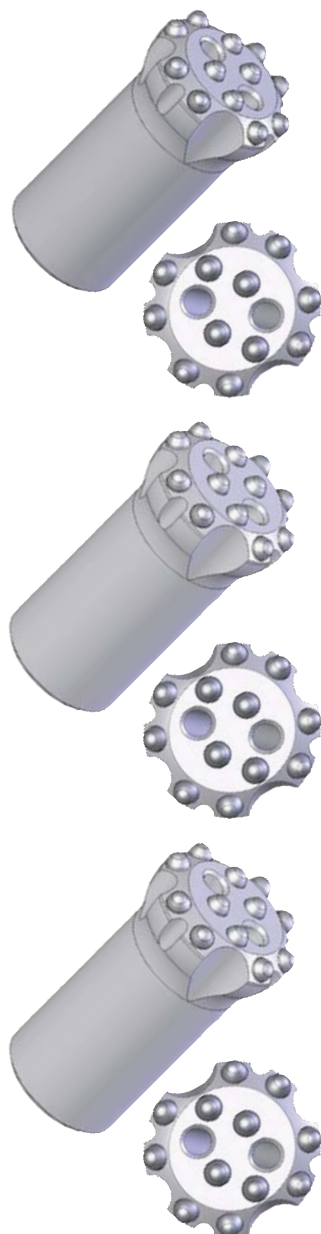
| Diam. | Part Number | Gauge Buttons | Top Buttons | Flushing Top | Holes Side |
|-------|-------------------|---------------|--------------|--------------|------------|
| 64 | B64-84-T38 | 8 x 10 S/Bal | 4 x 10 S/Bal | 2 | - |
| 76 | B76-84-T38 | 8 x 12 Dome | 4 x 12 Dome | 2 | - |

T45 THREAD

| Diam. | Part Number | Gauge Buttons | Top Buttons | Flushing Top | Holes Side |
|-------|--------------------|---------------|-------------|--------------|------------|
| 76 | B76-84-T45 | 8 x 12 Dome | 4 x 12 Dome | 2 | - |
| 89 | B89-84-T45 | 8 x 14 Dome | 4 x 14 Dome | 2 | 2 |
| 102 | B102-84-T45 | 8 x 16 Dome | 4 x 16 Dome | 2 | 2 |
| 115 | B115-85-T45 | 8 x 16 Dome | 5 x 16 Dome | 3 | 2 |

T51 THREAD

| Diam. | Part Number | Gauge Buttons | Top Buttons | Flushing Top | Holes Side |
|-------|--------------------|---------------|-------------|--------------|------------|
| 89 | B89-84-T51 | 8 x 14 Dome | 4 x 14 Dome | 2 | 2 |
| 102 | B102-84-T51 | 8 x 16 Dome | 4 x 16 Dome | 2 | 2 |
| 115 | B115-85-T51 | 8 x 16 Dome | 5 x 16 Dome | 3 | 2 |





DIRECTIONAL DRILL BITS

| Diam. | Part Number | Gauge Buttons | Top Buttons | Flushing Holes | | Taper |
|-------|---------------|---------------|-------------|----------------|------|-------|
| | | | | Top | Side | |
| 38 | BD38-20-11-90 | 2 x 10 S/Bal | - | 1 | - | 11° |
| 41 | BD41-20-11-90 | 2 x 12 S/Bal | - | 1 | - | 11° |
| 38 | BD38-20-12-90 | 2 x 10 S/Bal | - | 1 | - | 12° |
| 41 | BD41-20-12-90 | 2 x 10 S/Bal | - | 1 | - | 12° |



KNOCK-OFF TOOL

| Part Number | Hex Size | |
|-------------|----------|------------|
| 22KOT | 22mm | |
| 22KOTHD | 22mm | Heavy Duty |
| 25KOT | 25mm | |





DRILL STEEL RODS

RUBBER COLLAR

22mm HEX 11°

| Part Number | Length Overall | Collar Distance | Collar Type | Effective Drill Depth |
|-------------|----------------|-----------------|-------------|-----------------------|
| DR22x900 | 0.9m | 158mm | Rubber | 0.7m |
| DR22x1200 | 1.2m | 158mm | Rubber | 1.0m |
| DR22x1500 | 1.5m | 158mm | Rubber | 1.3m |
| DR22x1800 | 1.8m | 158mm | Rubber | 1.6m |
| DR22x1900 | 1.9m | 158mm | Rubber | 1.7m |
| DR22x2200 | 2.2m | 158mm | Rubber | 2.0m |
| DR22x2400 | 2.4m | 158mm | Rubber | 2.2m |
| DR22x2600 | 2.6m | 158mm | Rubber | 2.4m |
| DR22x2800 | 2.8m | 158mm | Rubber | 2.6m |
| DR22x3000 | 3.0m | 158mm | Rubber | 2.8m |
| DR22x4200 | 4.2m | 158mm | Rubber | 4.0m |
| DR22x4600 | 4.6m | 158mm | Rubber | 4.4m |

25mm HEX 11°

| Part Number | Length Overall | Collar Distance | Collar Type | Effective Drill Depth |
|-------------|----------------|-----------------|-------------|-----------------------|
| DR25x2400 | 2.4m | 158mm | Rubber | 2.2m |
| DR25x2600 | 2.6m | 158mm | Rubber | 2.4m |
| DR25x3600 | 3.6m | 158mm | Rubber | 3.4m |



DRILL STEEL RODS

FORGED COLLAR

22mm HEX 11°

| Part Number | Length Overall | Collar Distance | Collar Type | Effective Drill Depth |
|-------------|----------------|-----------------|-------------|-----------------------|
| DF22x800 | 0.9m | 108mm | Forged | 0.8m |
| DF22x1600 | 1.7m | 108mm | Forged | 1.6m |
| DF22x2400 | 2.5m | 108mm | Forged | 2.4m |
| DF22x3200 | 3.3m | 108mm | Forged | 3.2m |
| DF22x4000 | 4.1m | 108mm | Forged | 4.0m |
| DF22x4800 | 4.9m | 108mm | Forged | 4.8m |
| DF22x5600 | 5.7m | 108mm | Forged | 5.6m |
| DF22x6400 | 6.5m | 108mm | Forged | 6.4m |
| DF22x7000 | 7.1m | 108mm | Forged | 7.0m |
| DF22x8000 | 8.1m | 108mm | Forged | 8.0m |
| DF22x10000 | 10.1m | 108mm | Forged | 10.0m |

25mm HEX 11°

| Part Number | Length Overall | Collar Distance | Collar Type | Effective Drill Depth |
|-------------|----------------|-----------------|-------------|-----------------------|
| DF25x800 | 0.9m | 108mm | Forged | 0.8m |
| DF25x1200 | 1.3m | 108mm | Forged | 1.2m |
| DF25x1600 | 1.7m | 108mm | Forged | 1.6m |
| DF25x2400 | 2.5m | 108mm | Forged | 2.4m |
| DF25x3200 | 3.3m | 108mm | Forged | 3.2m |
| DF25x4000 | 4.1m | 108mm | Forged | 4.0m |



PART NUMBER KEY

This key shows the components of a drill bit part number. With the use of this key you will be able to specify the drill bit you require.

For example:

BS32-32-11-78

| | | |
|-----------|---|--|
| B | — | Button Bit |
| S | — | S Spiral Flushing Grooves L Long Skirt Body D Directional Bit |
| 32 | — | Drill Head Diameter |
| 3 | — | Number of Gauge Buttons |
| 2 | — | Number of Top Buttons |
| 11 | — | Taper of Bit |
| 7 | — | Diameter of Top Buttons |
| 8 | — | Diameter of Side Buttons |



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