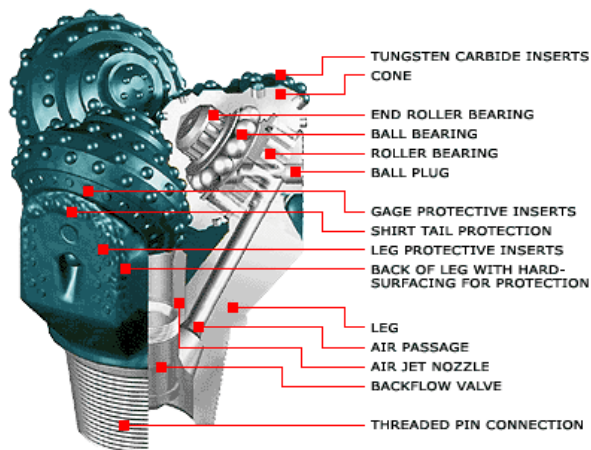


## Dláta



## Vrtné dláto

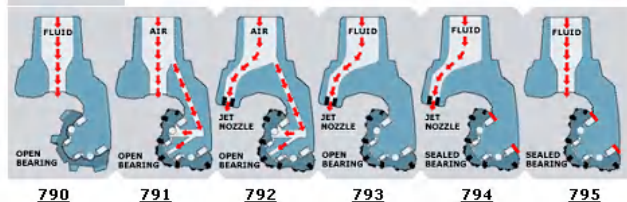


### THREE CONE ROCK BIT PART No DESIGNATIONS

|    |    |    |    |    |    |    |    |     |     |       |      |      |      |      |      |      |      |     |
|----|----|----|----|----|----|----|----|-----|-----|-------|------|------|------|------|------|------|------|-----|
| 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10  | 11  | 063   | 125  | 250  | 375  | 500  | 625  | 750  | 875  | 000 |
| 2" | 3" | 4" | 5" | 6" | 7" | 8" | 9" | 10" | 11" | 1/16" | 1/8" | 1/4" | 3/8" | 1/2" | 5/8" | 3/4" | 7/8" | 0"  |

Style Family Size in inches IADC Code For manufactur. purposes only

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 9 | 1 | B | M | T | 0 | 6 | 2 | 5 | 0 | 5 | 2 | 3 | M | 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|



Explanation of the example shown above:

|        |                     |                 |            |
|--------|---------------------|-----------------|------------|
| Style: | Family:             | Size in inches: | IADC Code: |
| 791    | Three Cone Rock bit | 6 1/4"          | 523        |



### THREE CONE ROCK BIT IADC CODE

**BIT TYPE AND HARDNESS OF FORMATION TO BE DRILLED**  
 1-2-3 steel tooth bits (from softest to hardest)  
 4-5-6-7-8 tungsten carbide inserts bits (from softest to hardest)

**FORMATION SUB-CATEGORY**  
 (from softest (1) to hardest (9))

**BIT FEATURE**

- 1 - Standard Open Bearing
- 2 - Standard Open Bearing Air Cooled
- 3 - Standard Open Bearing / Gage Protected
- 4 - Sealed Roller Bearing
- 5 - Sealed Roller Bearing / Gage Protected
- 6 - Sealed Friction Bearing
- 7 - Sealed Friction Bearing / Gage Protected
- 8 - Horizontal / Directional
- 9 - Special



**AUL - RCKANBLLS SD P PD 43 XYZTG GG GD GGD P PD W WDFE**

PREFIXES

SUFFIXES

EXAMPLE:

**AUL - RKLS 43X**

PRODUCT LINE

MODIFICATION BY CONE (SUFFIXES)

MODIFICATION BY BIT AND LEG (PREFIXES)

IADC CODE

### PRODUCT LINES (by bearing types)

| A                           | V                    | N  | VU                               | NU                              | AU                                      | AUP                                | AUL  |
|-----------------------------|----------------------|--|----------------------------------|---------------------------------|---|------------------------------------|--|
| Two radial journal bearings | Only roller bearings | One journal bearing (the rest are roller bearings) | Only roller bearings with a seal | One journal bearing with a seal | Two radial journal bearings with a seal | Small diameter bits (up to 172 mm) | Two radial journal bearings with a seal (a split floating bushing and a thrust washer) |

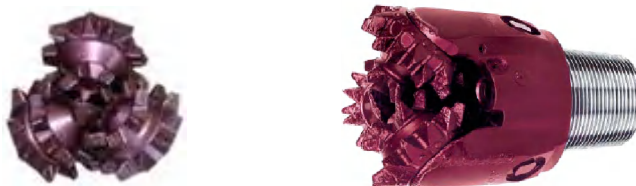
| PREFIXES  |   |
|-----------|---|
| <b>R</b>  | PowerRing™ Seal   |
| <b>C</b>  | central jet   |
| <b>K</b>  | combined circulation  |
| <b>A</b>  | air circulation   |
| <b>N</b>  | extended nozzles  |
| <b>B</b>  | mud blade on leg  |
| <b>L</b>  | shirttail and leg leading edge hardfacing                                 |
| <b>LL</b> | leg leading edge hardfacing and enhanced shirttail hardfacing             |
| <b>S</b>  | protection of the leg with tungsten carbide compacts                      |
| <b>SD</b> | protection of the leg with tungsten carbide compacts and diamond compacts |
| <b>P</b>  | stabilization pad with tungsten carbide compacts                          |
| <b>PD</b> | stabilization pad with diamond compacts                                   |

| SUFFIXES   |  |
|------------|--|
| <b>X</b>   | chisel insert  |
| <b>Y</b>   | conical insert   |
| <b>Z</b>   | other shape insert   |
| <b>T</b>   | enhanced teeth hardfacing                                      |
| <b>G</b>   | single gauge of tungsten carbide compacts                      |
| <b>GG</b>  | double gauge of tungsten carbide compacts                      |
| <b>GD</b>  | single gauge of tungsten carbide compacts and diamond compacts |
| <b>GGD</b> | double gauge of tungsten carbide compacts and diamond compacts |
| <b>P</b>   | near gauge of tungsten carbide inserts                         |
| <b>PD</b>  | near gauge of tungsten carbide inserts and diamond compacts    |
| <b>W</b>   | enhanced heel row  |
| <b>WD</b>  | enhanced heel row with diamond inserts                         |
| <b>F</b>   | tungsten carbide coated cone body                              |
| <b>E</b>   | energy-balanced cutting structure                              |



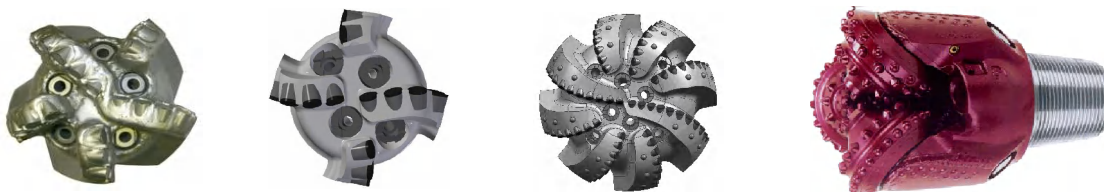
## Dláta - ocelové zuby (ST)

Průměr 3 ¾" – 26" (95,3 mm – 660,4 mm)



## Dláta - polykrystalický kompaktní diamant (PDC)

Průměr 4 ¾" – 15 ½" (120,6 mm – 393,7 mm)



## Dláta - vložky z karbidu wolframu (TCI)

Průměr 3 7/8" – 26" (98,4 mm – 660,4 mm)

