

## BENCH DRILLING BITS

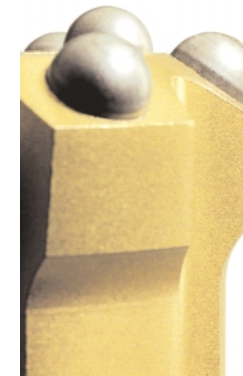


**Sandvik *CAPP Black Label* bits**

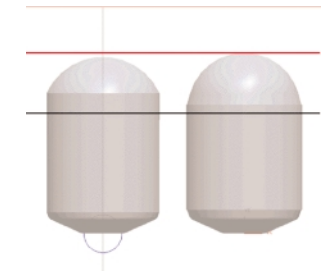


# Perfecting a worldwide success – Sandvik CAPP Black Label bits

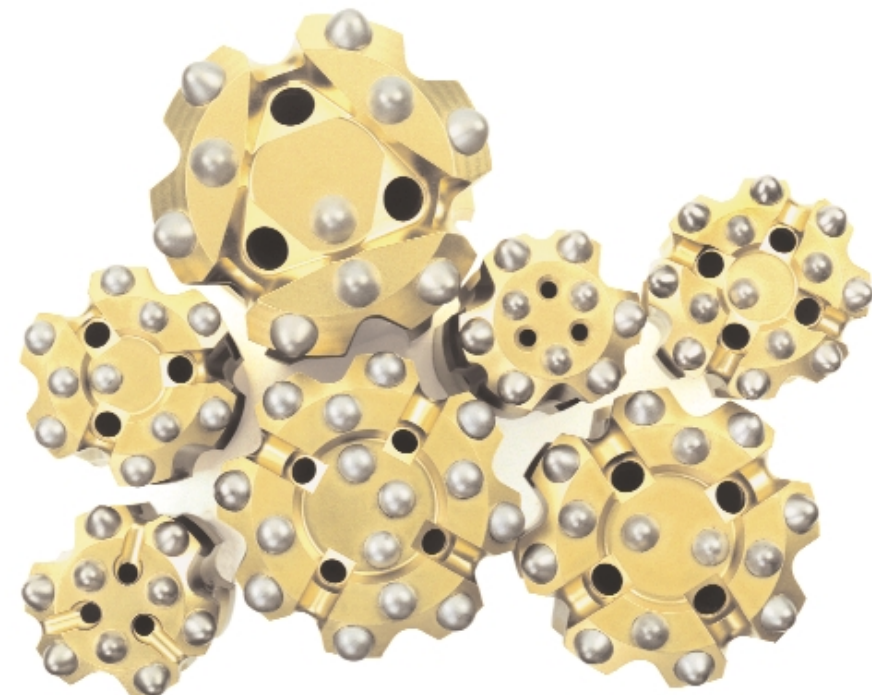
The Sandvik CAPP line of bits has been developed in Sandvik's unique engineering, manufacturing and product processing system CAPP. All our joint drilling experience, yours and ours, from all over the world, forms the parameters for the various bit designs. Together we have set the standards and together we continually perfect our CAPP line. As part an upgrade of the total range of CAPP bench drilling bits we are now introducing new standard bit features. The result: a vintage CAPP-line – Sandvik CAPP Black Label.



**Aggressive cutting structure.** All CAPP Black Label bits – both spherical and ballistic bits – feature optimized button geometries to give better all-round performance. Sandvik CAPP Super Spherical bits are specifically designed to operate in medium to very hard rock (over 1500 bar, 150 Mpa) and in non-abrasive to very abrasive rock (high Silica content).



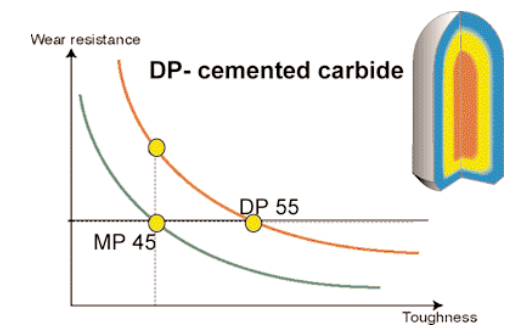
**More wear volume.** Compared with traditional spherical buttons (to the left) the more aggressive CAPP Black Label Super Spherical buttons (to the right) have an increased wear volume providing longer bit life, easier grinding and better cross-flow – and higher productivity.



The Sandvik CAPP Black Label bits are available for bench-drilling in mining, construction and quarrying in hole diameters from Ø 51 to 152 mm.



**New button grade.** All CAPP Black Label bits with Ballistic buttons are fitted with our patented DP55 grade cemented carbide at no extra cost for our customers. The R-marked (R=Robust ballistic) buttons means tougher buttons in terms of tenacity and resistance to cracking. Normal drilling conditions for the new ballistic button bits are soft to medium rock (up to 2000 bar, 200 Mpa) and non-abrasive to slightly abrasive rock. Thanks to its higher penetration rate, a Sandvik CAPP Ballistic bit should always be the first choice in these types of rock.



## Black Label – a new CAPP standard

All CAPP Black Label bits have an improved cutting structure. Innovative front designs, button shapes and improved flushing patterns highlight the more aggressive drilling function. Also, all inserts offer increased wear volume. All this permit faster drilling rates, minimizes bit failures and boosts service life. The geometrically optimized button profiles are also easier to regrind. The new features carry the Black Label – the trademark for the new generation of CAPP bits.

Sandvik's many years of experience in manufacturing quality steel and cemented carbide – with everything that entails in terms of R&D and manufacturing resources – form

the basis for the uniform and high quality of each CAPP bit. With new processes and machines in place we can offer Black Label bits within tighter manufacturing tolerances and product quality than ever before.

To support customers in all eventualities, Sandvik CAPP Black Label bits come in twelve different design combinations to tackle virtually any type of rock formation. Variables include the type of button (spherical or ballistic), type of face, (flat or drop-center) and type of skirt (regular or retrac).

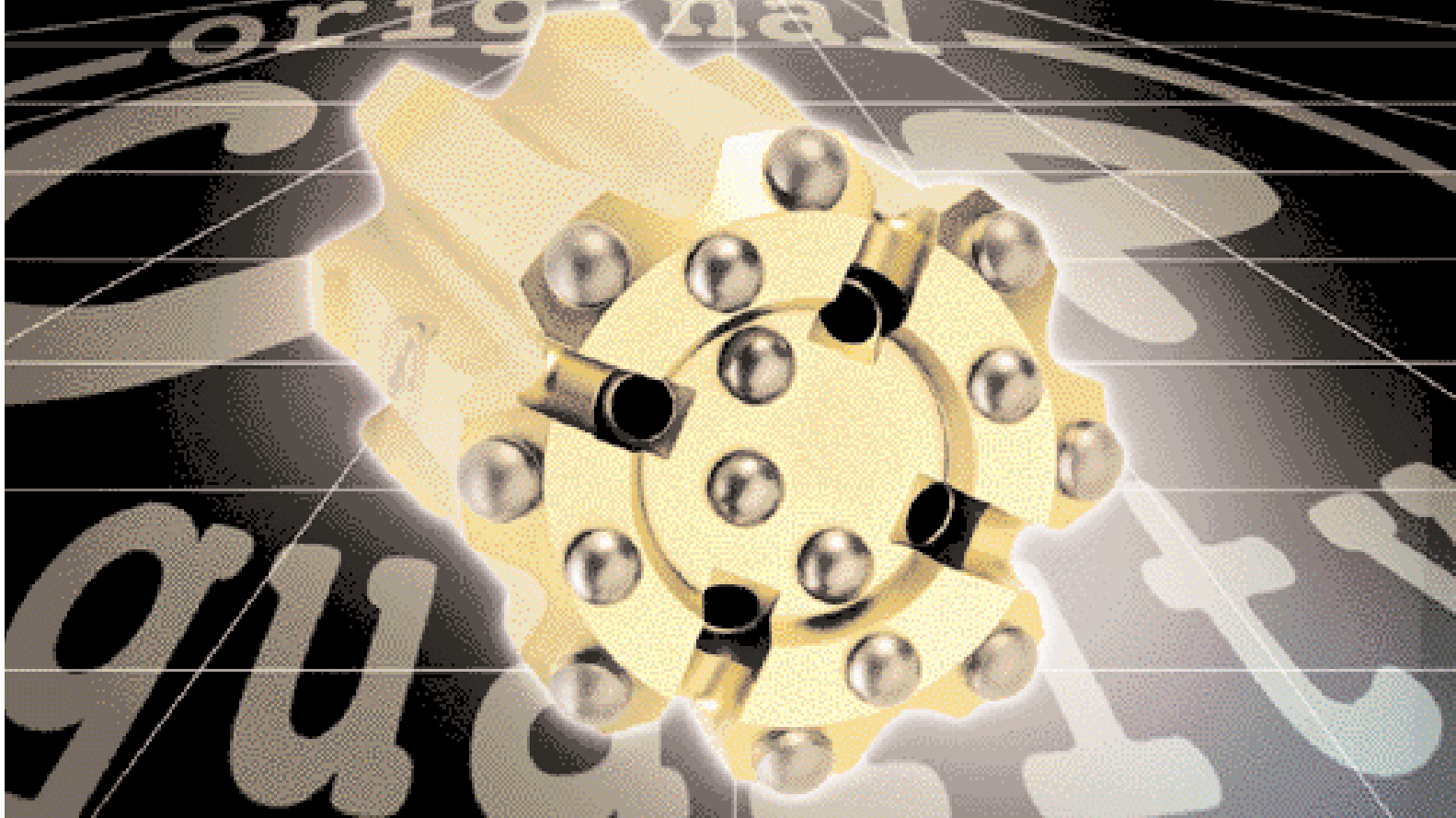
All in all, the extent of increased performance characteristics in this latest generation of bits warranted a new label to distinguish the old from the new – Sandvik CAPP Black Label.



**Unique retrac bit.** The CAPP Black Label range also includes our unique Retractor bits. The retrac bit is always recommended for conditions with high demands on hole accuracy and stability. The special retrac skirt at the back enables the bit to bore backwards as the drill string is withdrawn, thus facilitating removal.

**Upgraded body.** All CAPP Black Label bits with Regular skirt have an upgraded body design. This means better balance between skirt thickness and thread diameter resulting in improved performance and more durable bits. The regular skirt is recommended for homogenous, competent rock formations.





## Sandvik *CAPP Black Label* bits

Our commitment is to supply you with premium quality rock drilling tools. Quality at every stage. From ordering, manufacturing and delivery to the performance of the bit in your application.

In the new Sandvik *CAPP Black Label* bit range for bench drilling applications in mining, construction and quarrying, you'll find *your* specific bit to match any challenge encountered in more productive drilling. From heavy-duty bits for round-the-clock operation, to special bits customized for an extremely demanding application.

With the unique engineering, manufacturing



and delivery system, *CAPP – Computer Aided Product Processing* – we at Sandvik provide full support for your drilling task.

*Outstanding performance/price ratio* – we are convinced that a Sandvik *CAPP Black Label* bit will economically outperform any other bit for bench-drilling in the market.

*The right bit – on time.* Our local sales and service staff will accurately guide you to the right bit. Sandvik's world-wide distribution network guarantees fastest possible delivery.

*Product quality you can trust* – achieved by employing state-of-the-art manufacturing processes and our own quality materials.



[www.rocktools.sandvik.com](http://www.rocktools.sandvik.com)

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