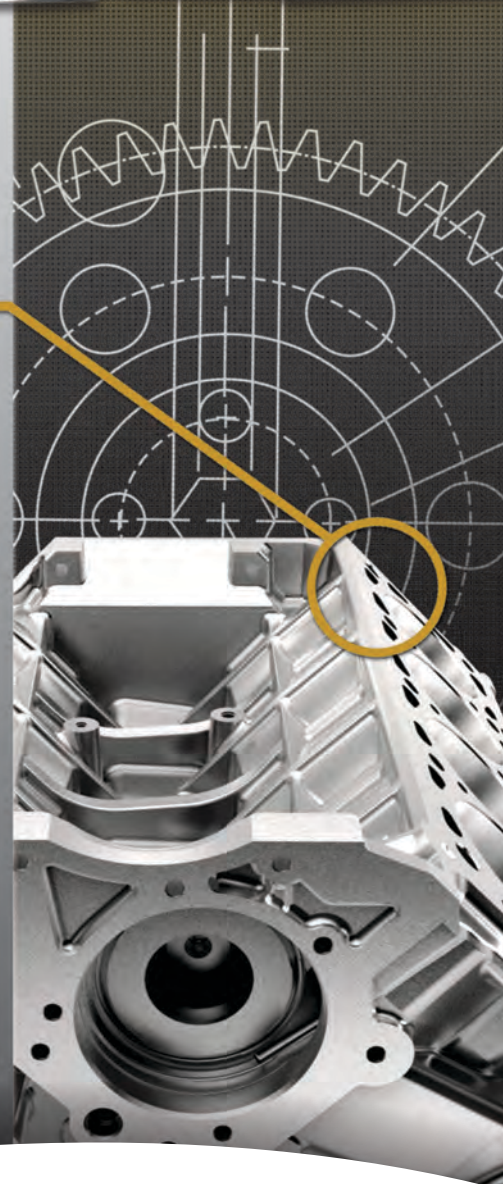
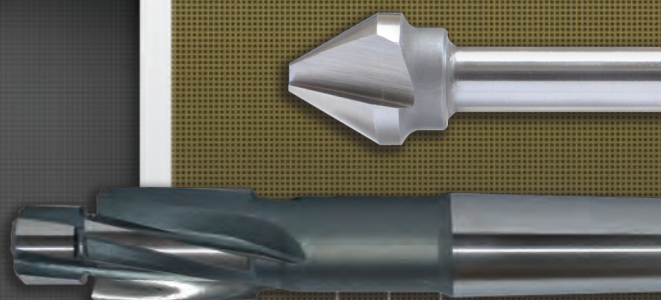
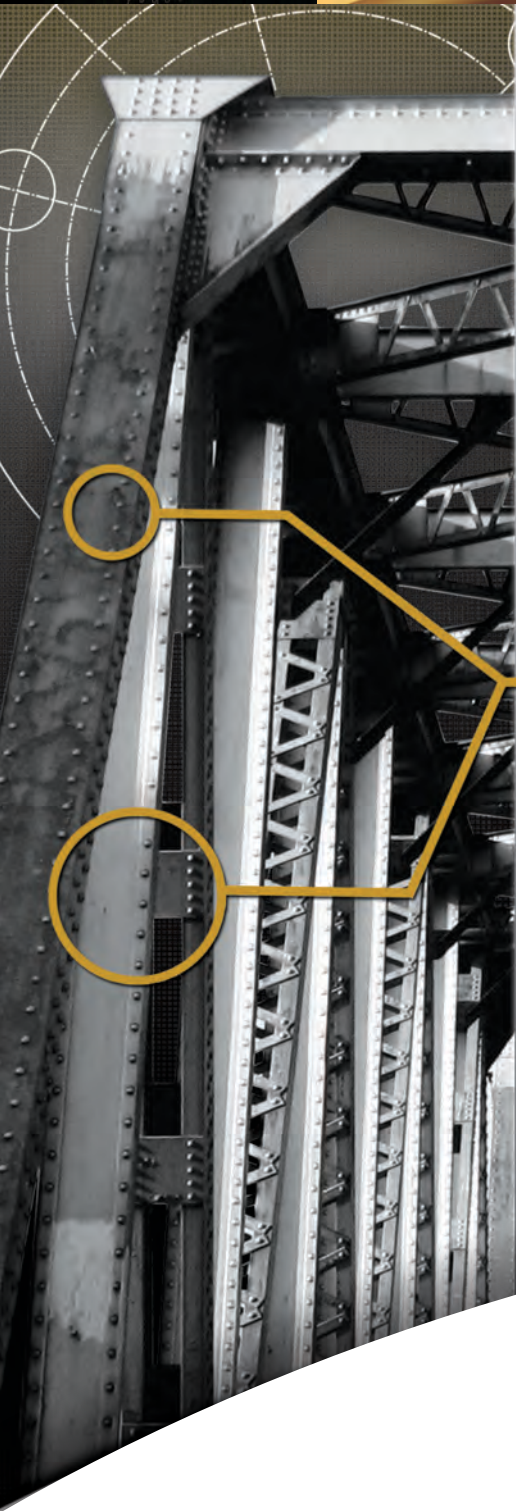


 Excellence in engineering



shaping your dreams



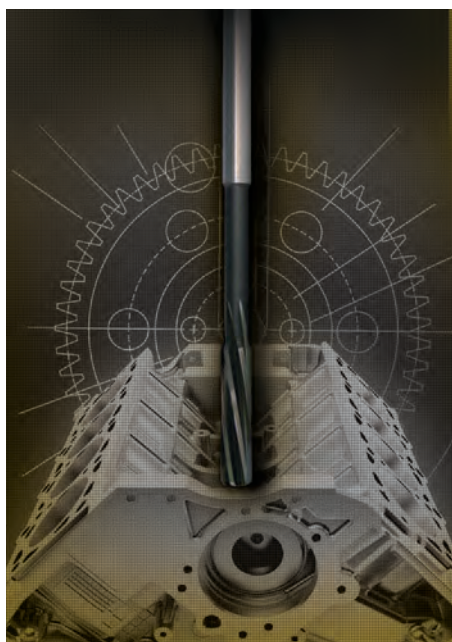
OSG GROUP COMPANY

REAMER, COUNTERSINK AND COUNTERBORE RANGE

Introduction

Reamer, Countersink and Counterbore Range

If you're looking for a perfect finish to your machining job, Somta Tools has a precise tooling solution for you.



Established in 1954, Somta offers a wide range of high quality reamer, countersink and counterbore products. From closest tolerance precision machining of extremely accurate holes through to enlargement, alignment and deburring of holes for construction, assembly and general purpose applications. We have a product or a solution to satisfy your specific engineering requirements.

Manufactured from premium HSS or HSSE, with or without PVD coatings for extended operational wear life, Somta reamers, countersinks and counterbores deliver quality results from start through to final finish.

Standard hand and machine reamers, including machine chucking reamers are manufactured under stringent quality control conditions to meet DIN, ISO and BS standards to tolerances of H7.

Straight and spiral flute taper pin reamers are used to ream holes accurately for taper pins used in numerous engineering applications.

MTS taper socket finishing reamers are used for final finishing of Morse Taper holes to accept Morse Taper shafts.

MTS taper bridge reamers are used for enlarging and aligning holes.

Custom designed construction / general purpose hexagonal shank reamers are often used in pneumatic hand held equipment and these are manufactured to customer specifications.

Countersinks are generally used to produce a chamfer recess on drilled or reamed holes, which accommodates the corresponding countersunk head screw. They are also used as a deburring tool.

Counterbores are used for counterboring a drilled or reamed hole to accommodate seatings for cap screw heads and are therefore identified by the cap screw size they suit.



Made to Order Reamers



OSG GROUP COMPANY

REAMER, COUNTERSINK AND COUNTERBORE RANGE

Excellence in Engineering

Reamer, Countersink and Counterbore Range

Benefits of Somta manufactured Reamers, Countersinks and Counterbores are that:

- they comply with the precise tolerances specified by the DIN/ISO/BS standards.
- they are supplied to some of the most exacting specialist tooling users worldwide.
- they are manufactured using only premium HSS and HSSE steel grades.
- they are supplied globally to more than 70 countries, confirming an excellent level of market acceptance.
- they are competitively priced.
- special diameters can be supplied by reworking from finished stock or from our extensive range of semi finished blanks. This provides for a short delivery time.

Contact our technical department for advice on any reaming, countersinking and counterboring application or problem, and we will design a tool to suit your specific application. Alternatively, full product specifications may be found in our catalogue for each of the standard reamer, countersink and counterbore types.



Somta Standard Reamers, Countersinks and Counterbores

PRODUCT		CODE	SPEC.	RANGE
Parallel Hand Reamers - HSS General hand reaming.		701 702	BS 328 ISO 236/1 DIN 206	1.5 - 38 1/8 - 1.1/8
MTS Parallel Machine Reamers - HSS General machine reaming.		711	BS 328 ISO 236/11	6 - 40
Parallel Shank Machine Chucking Reamers - HSSE General machine reaming.		751 752	DIN 212	2 - 20 1/8 - 3/4
MTS Machine Chucking Reamers - HSSE General machine reaming.		741	DIN 208	8 - 32
Hand Taper Pin Reamers - Straight Flute - HSS Reaming holes to suit standard taper pins.		731 732	DIN 9 BS 328	2 - 25 5/64 - 7/8
MTS Taper Bridge Machine Reamers - HSS For opening out existing holes for alignment on structural steel work.		721	BS 328 ISO 2236 DIN 311	13 - 38
Parallel Shank Countersinks - HSSE Uncoated and TiN Coated To produce a countersink suitable for countersunk head screws, also used as a deburring tool.		761 763	DIN 334C DIN 335C	6.3 - 25
MTS Countersinks - HSSE To produce a countersink suitable for countersunk head screws, also used as a deburring tool.		771 773	DIN 334D DIN 335D	16 - 80
Parallel Shank Counterbores - HSS For counterboring holes to suit capscrew heads.		774	BS 328 ISO 4206 DIN 373	M3 - M12

In-house PVD surface coatings can be applied to the full reamer, countersink and counterbore range of standard and custom products. These PVD surface coatings extend tool life by as much as two to ten times depending on the specific application.

Somta's reamers, countersinks and counterbores are used in numerous applications ranging from bridge building to close tolerance component manufacturing. Somta is an ISO 9001: 2008 accredited company.



Manufacturers & Suppliers
of Drills, Reamers, End Mills,
Bore Cutters, Taps & Dies,
Toolbits, Solid Carbide Tooling,
Carbide Insert Tooling,
Custom Tools and
Surface Coatings

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Email Sales: african@somta.co.za (Africa)
Email Sales: exports@somta.co.za (Exports)

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