

OSBORN
TOP

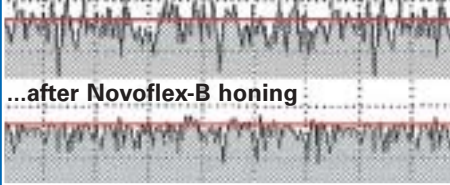
OSBORN Novoflex-B

The flexible honing tool, by OSBORN,
global leader in brush manufacturing!



Surface finish of a cylinder bore...

...before Novoflex-B honing



...after Novoflex-B honing



- Sturdy, self-centring system
- Flexible filaments are engineered to provide the correct pressure to create an ideal hone; bore after bore
- Ideal tool to create a min. 60% plateau finish with cross-hatch pattern for an improved oil retention and increased efficiency
- Reduce Ra and Rpk values to achieve a smooth, even surface finish, free of deformed metal, with ideal edge break
- Easy to use automatically or manually
- Grit choices are available in silicon carbide and aluminium oxide from 60 to 400
- Practical and robust single packaging
- Best quality-price ratio

www.osborn.de

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Applications

Use OSBORN Novoflex-B for:

- Engine cylinders
- Connecting rod
- Cam & Crank bores
- Pneumatic & hydraulic cylinders
- Valve guides
- Compressed air equipment
- Wheel brake cylinder
- Brake master cylinder
- Tube & pipes

Plus hundreds of other applications for the automotive, aerospace, hydraulic, heat exchanger & arms industries.



Bore Ø	Brush effective Ø	Brush length	Overall length	Shaft Ø	Grit SC 120 Item-No.	Grit SC 180 Item-No.	Pack. Qty.
8	9	50	200	3,7	9818-036 309	9828-036 309	6
9	10	50	200	3,7	9818-036 310	9828-036 310	6
10	11	60	200	3,7	9818-036 311	9828-036 311	6
11	12	60	200	3,7	9818-036 312	9828-036 312	6
12	13	60	200	3,7	9818-036 313	9828-036 313	6
14	15,5	60	200	3,7	9818-036 316	9828-036 316	4
16	18	60	200	4,6	9818-036 318	9828-036 318	4
18	20	60	200	4,6	9818-036 320	9828-036 320	4
20	22	70	200	4,6	9818-036 322	9828-036 322	4
22	25	70	200	4,6	9818-036 325	9828-036 325	2
24	27	70	200	5,1	9818-036 327	9828-036 327	2
25	28	70	200	5,1	9818-036 328	9828-036 328	2
27	30	70	200	5,1	9818-036 330	9828-036 330	2
29	32	70	200	5,1	9818-036 332	9828-036 332	2
32	35	70	200	5,1	9818-036 335	9828-036 335	2
35	38	70	200	5,7	9818-036 338	9828-036 338	2
38	41	70	200	5,7	9818-036 341	9828-036 341	2
41	45	70	200	5,7	9818-036 345	9828-036 345	2
45	48	70	200	5,7	9818-036 348	9828-036 348	1
48	51	70	200	6,5	9818-036 351	9828-036 351	1
51	54	70	200	6,5	9818-036 354	9828-036 354	1
54	57	70	200	6,5	9818-036 357	9828-036 357	1
57	60	70	200	7,3	9818-036 360	9828-036 360	1
60	64	70	200	7,3	9818-036 364	9828-036 364	1

Extensive range of dimensions, grit sizes and abrasive also available. Please contact us!

Novoflex-B use instructions:

- Choose the Novoflex-B corresponding to your bore diameter
- If not available, choose the Novoflex-B for the bore Ø immediately superior (ex: for bore Ø 11,5 you should use a Novoflex-B for Ø 12)
- Use with 10 to 30 viscosity grade oil or honing oil
- On hydraulic brake cylinders brake fluid should be used instead
- Recommended speed: 350-700 RPM
- Oscillation: 60 to 120 strokes/min.
- Oscillation can be accelerate to achieve 45° to 60° cross-hatch
- Honing time: approximately 20 to 40 seconds
- Clean the bore with hot water and detergent using OSBORN nylon tube brushes
- Re-oil slightly the bore to prevent corrosion
- Always wear eye and hand protection

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