



Broaching tools

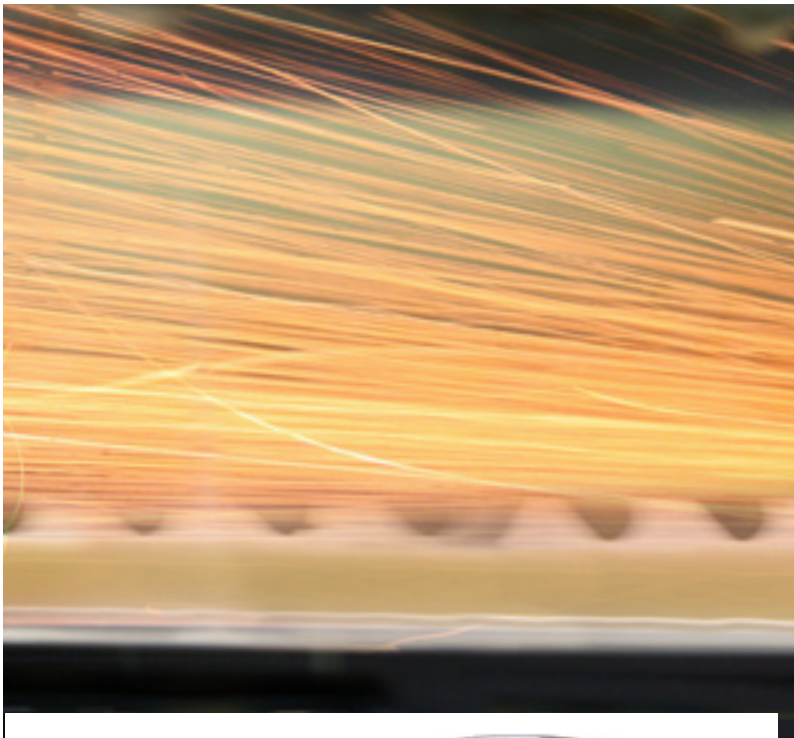
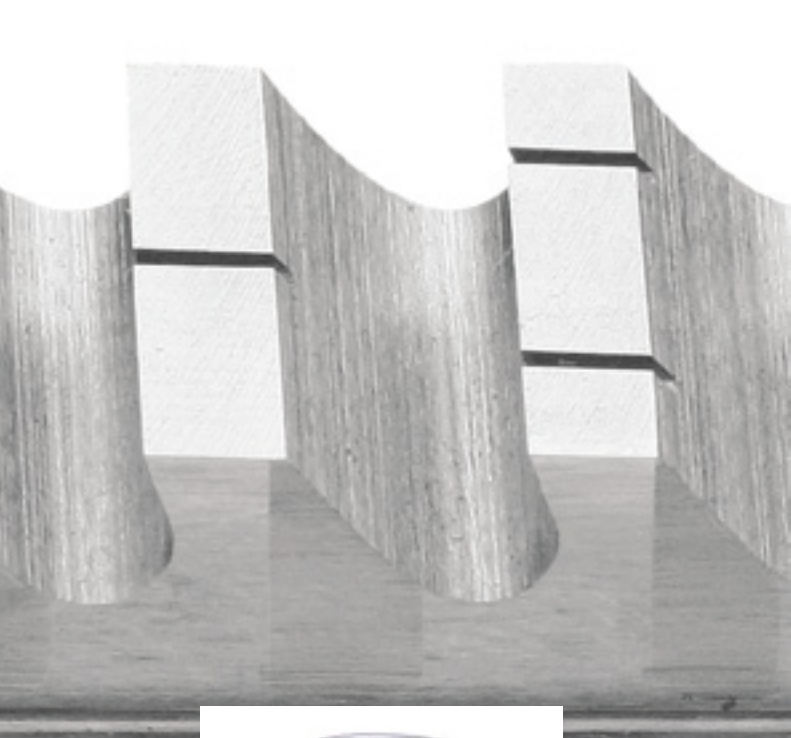
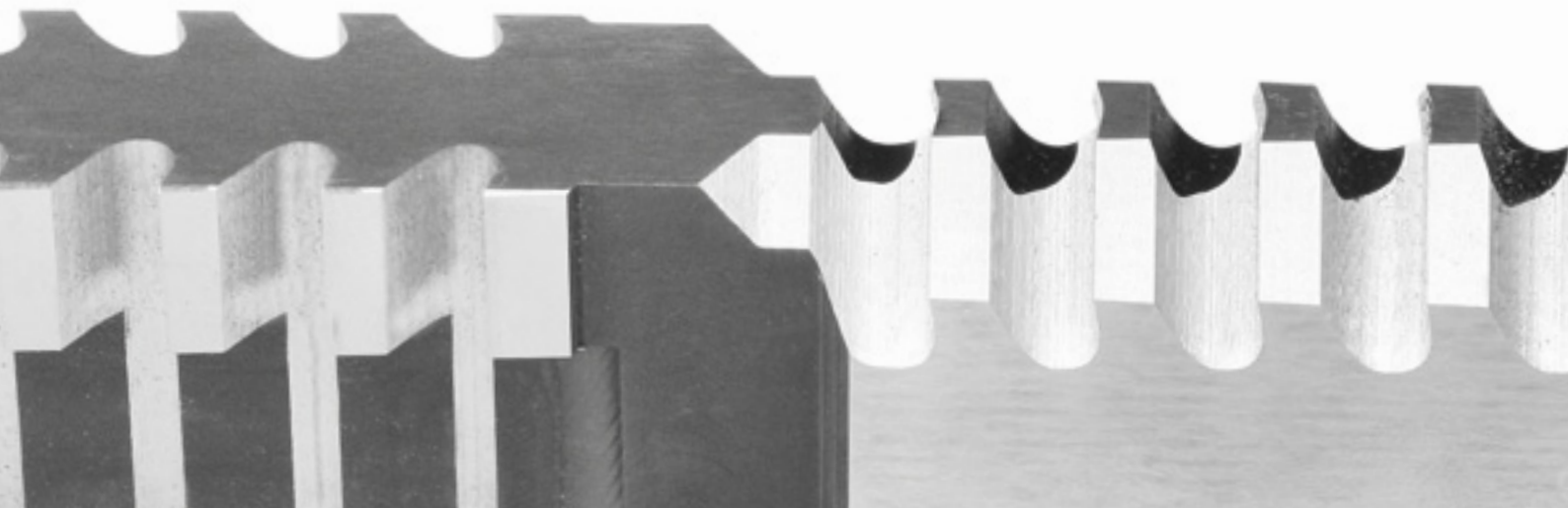
Broach sharpening service

Broach accessories

rausch

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Standard and special design broaches:

rausch's broaching tools are „Made in Germany“ from premium materials. Our customers value the quality of the broaching process as well as the extended tool life obtained by scraped oil pockets and other means. And to avoid any concerns of something going wrong - such as a tooth breakage - we will simply use the standard extra teeth to repair the tool. To save you both time and money!

Many of our keyway broaches, with or without chamfer cut, are available from stock, or within a few days, for fast delivery.

Are you facing a particular broaching application or are in need of a special tool? Just contact our experts! We will find a solution and design a customised tool to your specific requirements. Tools can be either coated or produced from PM steel, depending on the application.

Broach sharpening service:

rausch's in-house sharpening service includes the grinding of back-off angles, tooth gullets, tail ends, shafts, tapers and chip breaker grooves.

Benefit from a tool with the geometry and lifetime of a brand-new product which, by the way, can be reground more often than if only the cutting edge was to be simply sharpened. Thus, **rausch**'s premium sharpening service is actually extremely cost-effective. Comparing it to the reduced costs per work-piece will immediately reveal the real savings. Not to mention the lower costs of handling and transport.

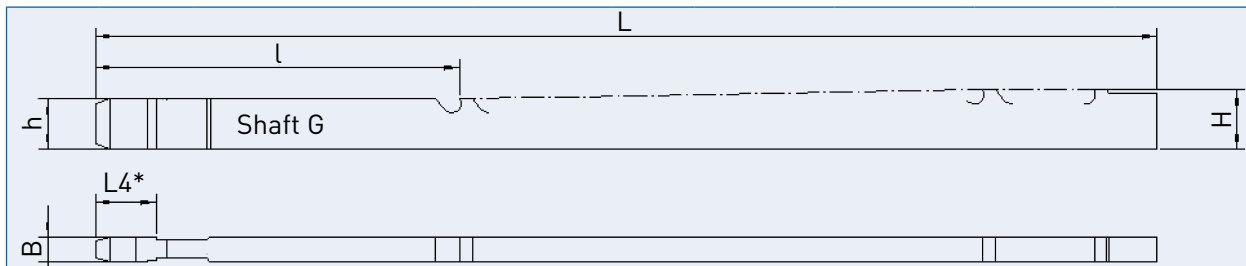
Whether sharpening **rausch** or third-party broaches, you will have them back in production fast. Send us your broaching tool and be assured of complete satisfaction!



Broach accessories

We do, of course, supply the accessories matching our range of machines and tools. Choose from simple, manual or automatic clamping and process automation monitoring for automatic loading, whichever best suits your needs.

Broaches from our standard product range



No.	Keyway width B (mm)	Keyway depth (mm)	Bore Ø (mm)	Broaching length min-max (mm)	Number of passes	Length up to 1st tooth l (mm)	Total length L (mm)	Shaft sim. to DIN1415	Height of last tooth H (mm)
A1	2	1,0 +0,1	6 – 8	8 – 20	1	200	450	G3x4	5,33
A2	3	1,4 +0,1	8 – 10	8 – 30	1	210	600	G4x5,5	7,45
A3	3	1,4 +0,1	8 – 10	15 – 45	2	230	600	G4x5,5	6,48
A4	4	1,8 +0,1	10 – 12	12 – 40	1	220	750	G4x7	9,40
A5	4	1,8 +0,1	10 – 12	20 – 75	2	255	750	G4x7	8,25
A6	5	2,3 +0,1	12 – 17	15 – 50	1	230	900	G5x8,5	11,50
A7	5	2,3 +0,1	12 – 17	25 – 90	2	270	900	G5x8,5	10,05
A9	6	2,8 +0,1	17 – 22	15 – 65	1	245	980	G6x12	15,50
A10	6	2,8 +0,1	17 – 22	25 – 110	2	290	980	G6x12	13,80
A13	8	3,3 +0,2	22 – 30	15 – 55	1	235	980	G8x16	20,35
A14	8	3,3 +0,2	22 – 30	30 – 120	2	305	980	G8x16	18,15
A17	10	3,3 +0,2	30 – 38	20 – 55	1	235	980	G10x20	24,50
A18	10	3,3 +0,2	30 – 38	30 – 110	2	290	980	G10x20	22,30
A21	12	3,3 +0,2	38 – 44	20 – 55	1	235	980	G12x25	29,60
A22	12	3,3 +0,2	38 – 44	35 – 105	2	285	980	G12x25	27,30
A25	14	3,8 +0,2	44 – 50	20 – 50	1	230	980	G14x25	30,25
A26	14	3,8 +0,2	44 – 50	35 – 105	2	285	980	G14x25	27,65
B1	8	3,3 +0,2	22 – 30	25 – 75	1	260	1180	G8x16	20,35
B2	8	3,3 +0,2	22 – 30	30 – 145	2	325	1180	G8x16	18,15
B6	10	3,3 +0,2	30 – 38	30 – 85	1	265	1180	G10x20	24,50
B7	10	3,3 +0,2	30 – 38	40 – 155	2	335	1180	G10x20	22,30
B11	12	3,3 +0,2	38 – 44	30 – 80	1	260	1180	G12x25	29,60
B12	12	3,3 +0,2	38 – 44	50 – 185	2	365	1180	G12x25	27,35
B15	14	3,8 +0,2	44 – 50	30 – 75	1	260	1180	G14x25	30,25
B16	14	3,8 +0,2	44 – 50	45 – 150	2	330	1180	G14x25	27,60
B20	16	4,3 +0,2	50 – 58	30 – 65	1	250	1180	G16x32	37,90
B21	16	4,3 +0,2	50 – 58	40 – 125	2	305	1180	G16x32	35,00
B27	18	4,4 +0,2	58 – 65	40 – 105	2	285	1180	G18x32	35,10
B28	18	4,4 +0,2	58 – 65	50 – 150	3	330	1180	G18x32	34,10
B35	20	4,9 +0,2	65 – 75	40 – 125	3	305	1180	G18x32	34,35
Tools with chamfer cut									
A1K	2	1,0 +0,1	6 – 8	8 – 20	1	200	980	G3x4	5,33
A2K	3	1,4 +0,1	8 – 10	8 – 30	1	210	980	G4x5,5	7,45
A4K	4	1,8 +0,1	10 – 12	12 – 40	1	220	980	G5x7	9,45
A6K	5	2,3 +0,1	12 – 17	15 – 50	1	230	980	G6x8,5	11,55
A9K	6	2,8 +0,1	17 – 22	15 – 65	1	245	980	G8x12	15,60
B1K	8	3,3 +0,2	22 – 30	25 – 75	1	260	1180	G10x16	20,40
B6K	10	3,3 +0,2	30 – 38	30 – 85	1	265	1180	G12x20	24,65
B11K	12	3,3 +0,2	38 – 44	30 – 80	1	260	1180	G14x25	29,75
Broaches for keyways up to 50mm to DIN 6885/1. *Shafts to DIN 1415 forml "G" – standard size L4, 20mm to the pulling face.									

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