

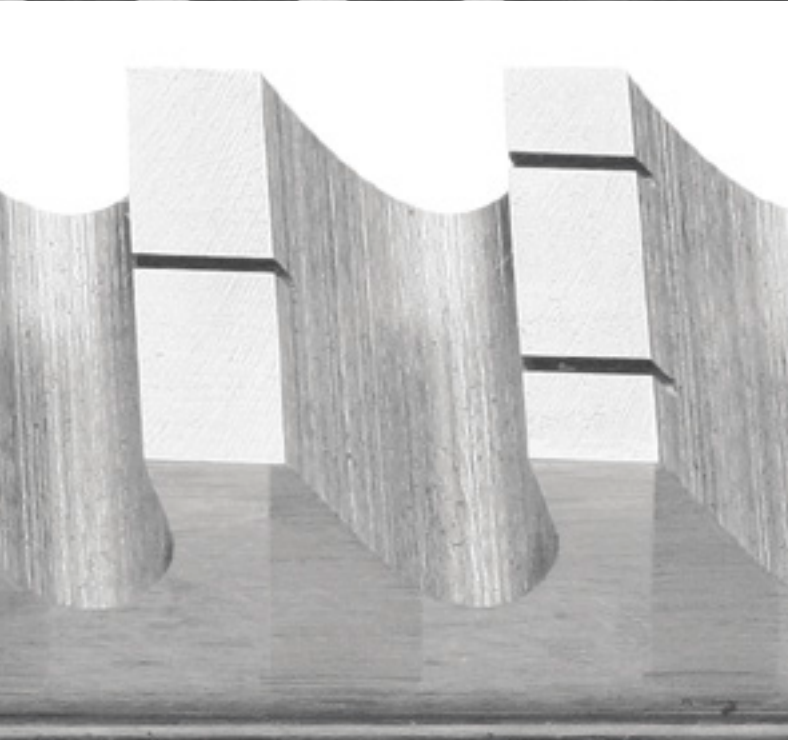
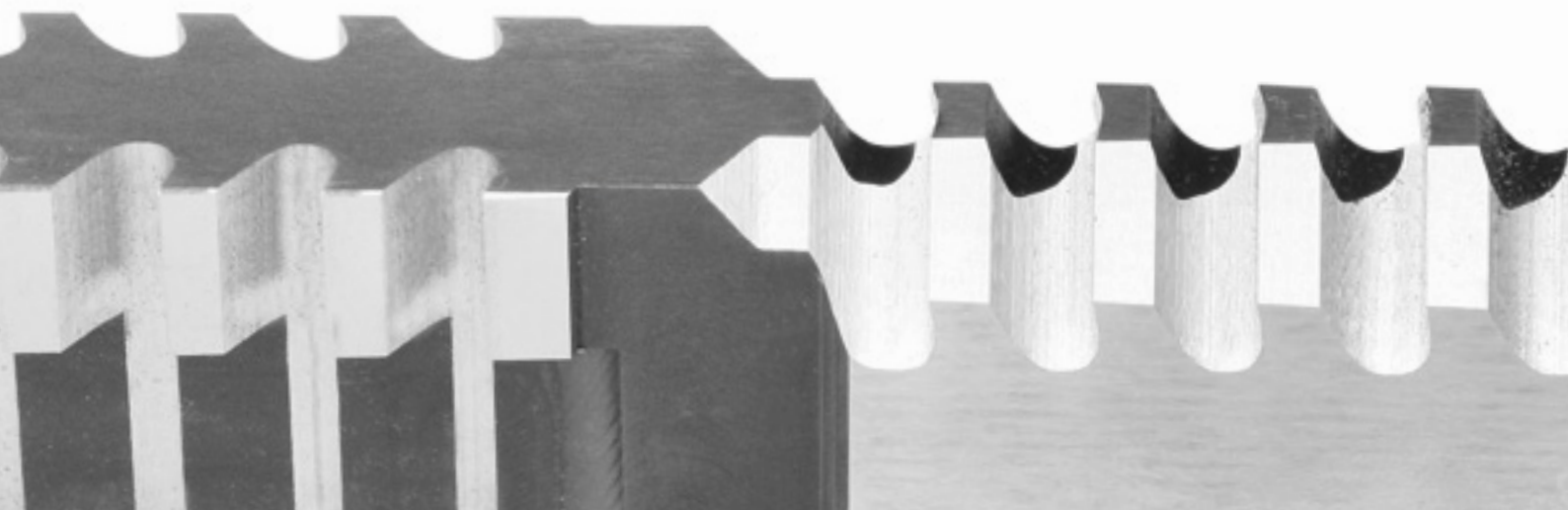
Broaching tools

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. Depending on the individual application we deliver broaching tools with coating, too.

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.

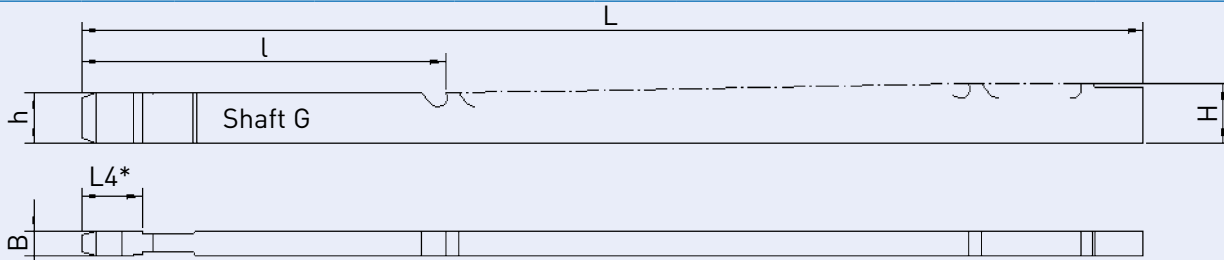
Whether sharpening *rausch* or third-party broaches, you will have them back in production fast. Send us your broaching tool and be assured of complete satisfaction!



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	G3 x 4	5,33
A2	3	1,4+0,1	8 - 10	8 - 30	1	210	600	G4 x 5,5	7,35
A3	3	1,4+0,1	8 - 10	15 - 45	2	230	600	G4 x 5,5	6,48
A4	4	1,8+0,1	10 - 12	12 - 40	1	220	750	G4 x 7	9,40
A5	4	1,8+0,1	10 - 12	20 - 75	2	255	750	G4 x 7	8,25
A6	5	2,3+0,1	12 - 17	15 - 50	1	230	900	G5 x 8,5	11,50
A7	5	2,3+0,1	12 - 17	25 - 90	2	270	900	G5 x 8,5	10,05
A9	6	2,8+0,1	17 - 22	15 - 65	1	245	980	G6 x 12	15,50
A10	6	2,8+0,1	17 - 22	25 - 110	2	290	980	G6 x 12	13,80
A13	8	3,3+0,2	22 - 30	15 - 55	1	235	980	G8 x 16	20,35
A14	8	3,3+0,2	22 - 30	30 - 120	2	305	980	G8 x 16	18,15
A17	10	3,3+0,2	30 - 38	20 - 55	1	235	980	G10 x 20	24,50
A18	10	3,3+0,2	30 - 38	30 - 110	2	290	980	G10 x 20	22,30
A21	12	3,3+0,2	38 - 44	20 - 55	1	235	980	G12 x 25	29,60
A22	12	3,3+0,2	38 - 44	35 - 105	2	285	980	G12 x 25	27,35
A25	14	3,8+0,2	44 - 50	20 - 50	1	230	980	G14 x 25	30,25
A26	14	3,8+0,2	44 - 50	35 - 105	2	285	980	G14 x 25	27,65
B1	8	3,3+0,2	22 - 30	25 - 75	1	260	1180	G8 x 16	20,35
B2	8	3,3+0,2	22 - 30	30 - 145	2	325	1180	G8 x 16	18,15
B6	10	3,3+0,2	30 - 38	30 - 85	1	265	1180	G10 x 20	24,50
B7	10	3,3+0,2	30 - 38	40 - 155	2	335	1180	G10 x 20	22,30
B11	12	3,3+0,2	38 - 44	30 - 80	1	260	1180	G12 x 25	29,60
B12	12	3,3+0,2	38 - 44	50 - 185	2	365	1180	G12 x 25	27,35
B15	14	3,8+0,2	44 - 50	30 - 75	1	260	1180	G14 x 25	30,25
B16	14	3,8+0,2	44 - 50	45 - 150	2	330	1180	G14 x 25	27,65
B20	16	4,3+0,2	50 - 58	30 - 65	1	250	1180	G16 x 32	37,90
B21	16	4,3+0,2	50 - 58	40 - 125	2	305	1180	G16 x 32	35,00
B27	18	4,4+0,2	58 - 65	40 - 105	2	285	1180	G18 x 32	35,10
B28	18	4,4+0,2	58 - 65	50 - 150	3	330	1180	G18 x 32	34,10
B35	20	4,9+0,2	65 - 75	40 - 125	3	305	1180	G18 x 32	34,35
Tools with chamfer cut									
A1K	2	1,0+0,1	6 - 8	8 - 20	1	200	450	G3 x 4	5,33
A2K	3	1,4+0,1	8 - 10	8 - 30	1	210	600	G4 x 5,5	7,45
A3K	3	1,4+0,1	8 - 10	15 - 45	2	230	600	G4 x 5,5	6,48
A4K	4	1,8+0,1	10 - 12	12 - 40	1	220	750	G5 x 7	9,45
A5K	4	1,8+0,1	10 - 12	20 - 75	2	255	750	G5 x 7	8,25
A6K	5	2,3+0,1	12 - 17	15 - 50	1	230	900	G6 x 8,5	11,55
A7K	5	2,3+0,1	12 - 17	25 - 90	2	270	900	G6 x 8,5	10,05
A9K	6	2,8+0,1	17 - 22	15 - 65	1	245	980	G8 x 12	15,60
A13K	8	3,3+0,2	22 - 30	15 - 55	1	235	980	G10 x 16	20,35
B1K	8	3,3+0,2	22 - 30	25 - 75	1	260	1180	G10 x 16	20,40
B2K	8	3,3+0,2	22 - 30	30 - 145	2	325	1180	G10 x 16	18,15
B6K	10	3,3+0,2	30 - 38	30 - 85	1	265	1180	G12 x 20	24,65
B7K	10	3,3+0,2	30 - 38	40 - 155	2	335	1180	G12 x 20	22,30
B11K	12	3,3+0,2	38 - 44	30 - 80	1	260	1180	G14 x 25	29,75
B15K	14	3,8+0,2	44 - 50	30 - 75	1	260	1180	G16 x 25	30,40

Broaches for keyways up to 50mm to DIN 6885/1. *Shafts to DIN 1415 form "G" - standard size L4, 20mm to the pulling face.

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