GEDORE

Schlüsselknarre® R-Serie

The revolution
A perfect collection

All the benefits...

1.

of the GEDORE U-20 technology,

2.

classic No. 6 and the slim,

3.

tried-and-tested No. 7

... have been combined into these ratchet wrenches 7 R + 7 UR:

7R & 7UR

The hollow shaft (No. 7)
... highly stable - ideal for transferring maximum forces
The kind-to-hands hollow profile makes for easy and tireless bolting. The GEDORE hollow profile has a geometry similar to that of a double T-girder. This makes it possible for substantial forces - particularly with large spanner sizes (34 and 36 mm) - to be transferred.

The jaw (No. 6)
... highly dimensionally accurate / extremely precise - for non-damaging and safe working
The exact nominal dimension of the jaw and thus its fitting precision ensure a secure bolt fitting and long service life of both bolt and ratchet wrench - the most important requirement, in fact, for non-damaging and safe working.

The non-glare look with grip (No. 6 & 7)
... an extremely assured grip thanks to the surface profile - matt chrome-plated
The spanner surface is designed for both practical application and eye-appeal. The non-glare look comes from matt chrome-plating - the GEDORE surface profile is both kind-on-hands and very useful - a firm grip even with oily hands.

The ratchet (U-20)

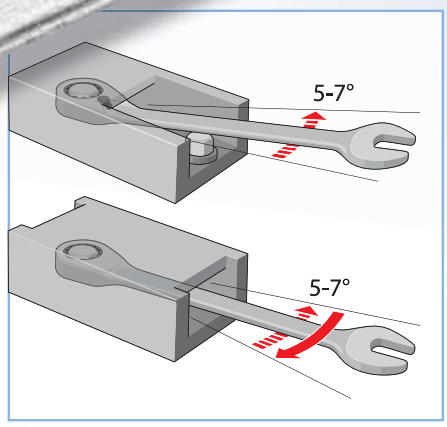
... extra flat and sturdy - ideal for tough use and even at hard-to-reach areas

Extremely compact and highly efficient - for quick deployments and also under cramped conditions. The tried-and-tested U-20 ratchet technology incorporated in an extremely flat ring head ensures efficient ratcheting work - For both loosening and fast tightening. The sturdiness of the ratchet wrench is very much down to the number of teeth intentionally selected. The GEDORE pawl geometry optimises the actually large working angle occasioned by a small number of teeth.

The UD profile (No. 7)

... extremely easy on the bolt heads with the force ideally transferred

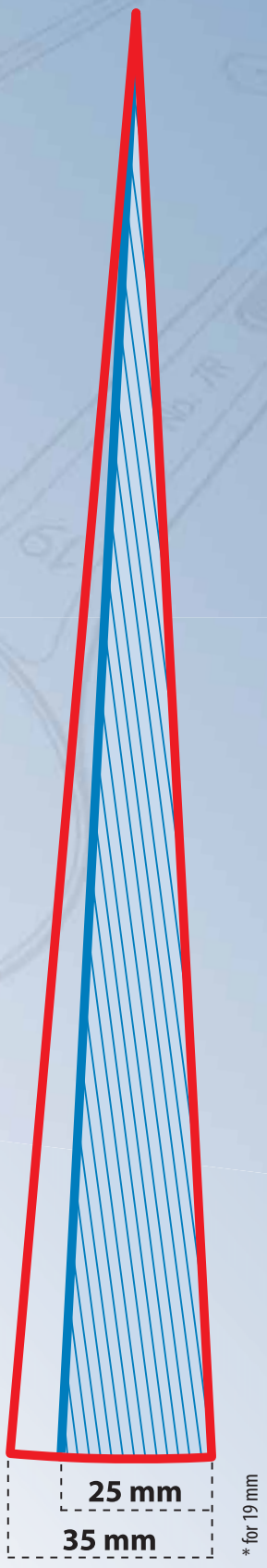
The wave form of the profile enlarges the spanner grip in every case - even with bolts whose dimensions are outside the tolerance range. Even distribution of pressure permits the maximum force to be applied.



The working angle

... extremely rapid deployment even in very confined spaces thanks to its very small working angle

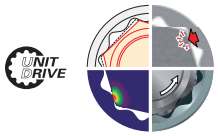
With an immediate meshing mechanism, GEDORE has managed to reduce the play between pawl and locking insert to practically nothing. This refinement of the ratchet technology has produced a very small, yet effective working angle. This means a reduction to a minimum of the spanner dead operating angle. The spanner starts off with active power where others are still at idle.



Long life cycle

…precise and reliable, environment and maintenance-friendly

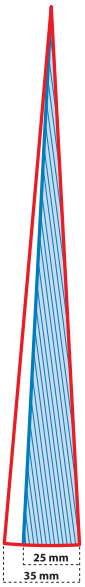
The fact that the ratchet spanner can be serviced underpins its sustainability. Even after any instance of incorrect use (e.g. given considerable soiling, overstressing or moisture...) the ratchet wrench can be quickly made operable. Unscrew, slight re-greasing, screw down - and then continue to reliably undo the bolts.

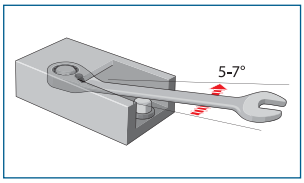


The working angle

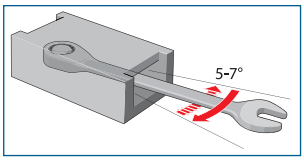
... extremely rapid deployment even in very confined spaces thanks to its very small working angle

With an immediate meshing mechanism, GEDORE has managed to reduce the play between pawl and locking insert to practically nothing. This refinement of the ratchet technology has produced a very small, yet effective working angle. This means a reduction to a minimum of the spanner dead operating angle. The spanner starts off with active power where others are still at idle.

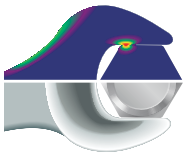




7 UR



7 R



mm	"AF
8 – 36	1/4" – 1 1/4"

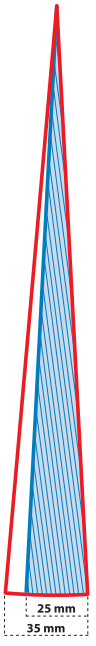
7 R

COMBINATION RATCHET SPANNER

- With same size each end
- Flat pattern
- UD profile
- Working angle: 7° from 8 to 15 mm, 6° from 16 to 27 mm and 5° from 30 to 36 mm
- For ratchet loosening and fast tightening
- High torque transfer
- Hollow profile comfortable to hold
- Warp-resistant geometry with double T-girder effect
- GEDORE vanadium steel 31CrV3
- Non-glare look thanks to matt chrome-plating, locking insert and pawl manganese-phosphated
- Hot forged
- Jaw exactly ground to spanner size
- Tried-and-tested GEDORE technology combined anew: spanner jaws of classic No. 6, stable hollow shaft of No. 7 and refined mechanism of the U-20 ratchets
- In combination with adaptor 7 RA or 7 RB (please order separately) the spanner 7 R can be used as a (bit) ratchet
- European Patent applied

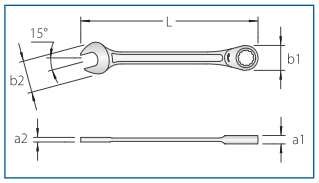
Schlüsselknarre R-Serie

mm



"AF

Code	No.	mm	∠°	L	a_1	a_2	b_1	b_2			£
2297051	**7 R 8**	8	7	140	7.0	3.8	17.5	19.8	32	5	
2297078	**7 R 9**	9	7	150	7.3	3.9	19.3	21.5	42	5	
2297086	**7 R 10**	10	7	160	7.7	4.1	21.0	23.0	54	5	
2297094	**7 R 11**	11	7	164	8.1	4.3	22.5	26.0	63	5	
2297108	**7 R 12**	12	7	170	8.6	4.6	23.6	27.5	69	5	
2297116	**7 R 13**	13	7	180	9.0	4.7	25.7	30.0	88	5	
2297124	**7 R 14**	14	7	190	9.4	4.9	28.2	31.8	101	5	
2297132	**7 R 15**	15	7	200	9.8	5.2	29.5	34.0	125	5	
2297140	**7 R 16**	16	6	212	10.2	5.7	31.7	35.0	137	5	
2297159	**7 R 17**	17	6	225	10.6	5.9	33.6	38.0	160	5	
2297167	**7 R 18**	18	6	237	11.0	6.1	34.6	40.0	197	5	
2297175	**7 R 19**	19	6	250	11.7	6.4	36.3	42.0	202	5	
2219433	**7 R 21**	21	6	274	12.5	6.9	40.0	45.5	262	5	
2297191	**7 R 22**	22	6	292	13.3	7.1	42.5	48.0	319	5	
2297205	**7 R 24**	24	6	325	14.8	7.9	48.0	52.5	520	5	
2297213	**7 R 27**	27	6	359	16.0	8.3	53.5	59.5	590	5	
2297221	**7 R 30**	30	5	399	17.4	8.8	59.0	63.0	780	1	
2297248	**7 R 32**	32	5	424	17.9	9.3	63.0	67.5	920	1	
2219549	**7 R 34**	34	5	449	18.4	9.7	65.5	72.0	1010	1	
2219557	**7 R 36**	36	5	480	18.9	10.2	70.0	75.0	1208	1	



Code	No.	"AF	L	a_1	a_2	b_1	b_2			£
1995863	**7 R 1/4AF**	1/4	128	6.3	3.9	14.0	15.0	24	5	
1995871	**7 R 5/16AF**	5/16	140	6.5	4.0	16.6	16.7	28	5	
1995898	**7 R 3/8AF**	3/8	159	7.3	4.8	20.0	20.8	48	5	
1995901	**7 R 7/16AF**	7/16	165	7.7	5.2	21.8	23.0	10	5	
1995928	**7 R 1/2AF**	1/2	178	8.6	5.8	24.7	27.1	82	5	
1995936	**7 R 9/16AF**	9/16	191	9.0	6.2	27.0	29.2	102	5	
1995944	**7 R 5/8AF**	5/8	208	9.9	6.8	30.0	33.4	139	5	
1995952	**7 R 3/4AF**	3/4	248	11.2	8.2	33.8	39.7	220	5	
1995960	**7 R 7/8AF**	7/8	290	13.0	9.0	40.0	46.0	350	5	
1995979	**7 R 1AF**	1	323	14.5	10.0	46.0	52.2	490	5	
1995987	**7 R 1.1/16AF**	1.1/16	359	15.5	10.5	52.5	56.5	660	5	
1995995	**7 R 1.1/8AF**	1.1/8	403	17.0	11.4	58.5	62.7	860	5	
1996002	**7 R 1.1/4AF**	1.1/4	425	17.5	12.5	62.5	66.4	1100	5	

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(*) = Special size, delivery approx. 10 weeks after receipt of order

7 R-005

COMBINATION RATCHET SPANNER SET 5 pieces

- Most used sizes combined in a set
- Flat pattern
- UD profile
- High torque transfer
- In plastic case
- Dimensions: 275 x 150 x 42 mm

Code	No.	Contents			£
2297434	**7 R-005**	8 10 13 17 19	932	1	

7 R-012

COMBINATION RATCHET SPANNER SET 12 pieces

- Most used sizes combined in a set
- Flat pattern
- UD profile
- High torque transfer
- In robust sheet-metal case
- Dimensions: 315 x 181 x 40 mm

Code	No.	Contents			£
2297442	**7 R-012**	8 9 10 11 12 13 14 15 16 17 18 19	2840	1	

7 R A-008

COMBINATION RATCHET SPANNER SET 8 pieces

- With adaptors for 1/4", 3/8" and 1/2" square drive as well for 1/4" bits
- In plastic case
- Dimensions: 275 x 150 x 42 mm

Code	No.	Contents			£
2329085	**7 R A-008**	**7 R** 10 13 17 19 **7 RA**-6,3 -10 -12,5 **7 RB**-6,3	1140	1	

7 RA-7 RB

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7 UR

COMBINATION RATCHET SPANNER, REVERSIBLE

- With same size each end
- Ring 13° offset from shaft
- UD profile
- Working angle 7° from 8 to 15 mm, and 6° from 16 to 24 mm
- For ratchet loosening and fast tightening, with lever change
- High torque transfer
- Hollow profile comfortable to hold
- Warp-resistant geometry with double T-girder effect
- GEDORE vanadium steel 31CrV3
- Non-glare look thanks to matt chrome-plating, locking insert and pawl manganese-phosphated
- Hot forged
- Jaw exactly ground to spanner size
- Tried-and-tested GEDORE technology combined anew: spanner jaws of classic No. 6, stable hollow shaft of No. 7 and refined mechanism of the U-20 ratchets
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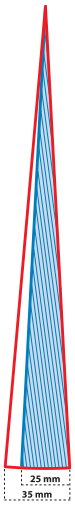
- European Patent applied



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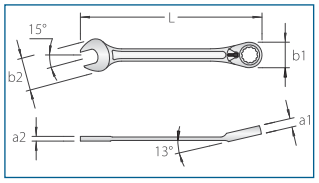
Code	No.	mm	°	L	a_1	a_2	b_1	b_2			£
2297256	**7 UR 8**	8	7	140	7.0	3.8	17.5	19.8	37	1	
2297264	**7 UR 9**	9	7	150	7.3	3.9	19.3	21.5	43	1	
2297272	**7 UR 10**	10	7	160	7.7	4.1	21.0	23.0	53	5	
2297280	**7 UR 11**	11	7	164	8.1	4.3	22.5	26.0	62	5	
2297299	**7 UR 12**	12	7	170	8.6	4.6	23.6	27.5	69	1	
2297302	**7 UR 13**	13	7	180	9.0	4.7	25.7	30.0	81	5	
2297310	**7 UR 14**	14	7	190	9.4	4.9	28.2	31.8	98	5	
2297329	**7 UR 15**	15	7	200	9.8	5.2	29.5	34.0	120	5	
2297337	**7 UR 16**	16	6	212	10.2	5.7	31.7	35.0	153	5	
2297345	**7 UR 17**	17	6	225	10.6	5.9	33.6	38.0	166	5	



mm

Code	No.	mm	°	L	a_1	a_2	b_1	b_2			£
2297353	**7 UR 18**	18	6	237	11.0	6.1	34.6	40.0	178	5	
2297361	**7 UR 19**	19	6	250	11.7	6.4	36.3	42.0	218	5	
2244500	**7 UR 21**	21	6	274	12.5	6.9	40.0	45.5	264	5	
2297388	**7 UR 22**	22	6	292	13.3	7.1	42.5	48.0	319	5	
2297396	**7 UR 24**	24	6	325	14.8	7.9	48.0	52.5	449	5	

7 RA - 7 RB

ADAPTOR FOR 7 R / 7 UR

- The adapter transforms the ring ratchet spanner into a 1/4", 3/8" or 1/2" ratchtet or a 1/4", 5/16" bit ratchet
- Push-button release
- Wear-resistant and manganese phosphated push-button
- Fast-turning ring for swift release or tightening
- Secure adapter fit in the ring ratchet thanks to circlip
- RA: Chrome-plated body, RB: Manganese-phosphated body
- Not suitable for 7R XL and 7UR XL

6,3 1/4"
10 3/8"
12,5 1/2"
6,3 1/4"
8 5/16"

7 RA

7 RB

Code	No.	"		"		mm	H			£
2320495	**7 RA-6,3**	1/4	6.3			10	18.0		1	
2320487	**7 RA-10**	3/8	10.0			13	24.0	30	1	
2320479	**7 RA-12,5**	1/2	12.5			19	32.0	70	1	
2329239	**7 RB-6,3**			1/4	6.3	10	20.5	11	1	
2327643	**7 RB-8**			5/16	8.0	10	23.0	15	1	

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7 UR-005

COMBINATION RATCHET SPANNER SET, REVERSIBLE
5 pieces

- Most used sizes
- Ring 13° offset from shaft, reversible
- UD profile
- High torque transfer
- In plastic case
- Dimensions: 275 x 150 x 42 mm

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mm

Code	No.	Contents			£
2327651	**7 UR-005**	8 10 13 17 19	930	1	

7 UR-012

COMBINATION RATCHET SPANNER SET, REVERSIBLE
12 pieces

- Most used sizes
- Ring 13° offset from shaft, reversible
- UD profile
- High torque transfer
- In robust sheet-metal case
- Dimensions: 315 x 181 x 40 mm

Schlüsselknarre R-Serie

mm

Code	No.	Contents			£
2297418	**7 UR-012**	8 9 10 11 12 13 14 15 16 17 18 19	2840	1	

7 UR A-008

COMBINATION RATCHET SPANNER SET 8 pieces

- With adaptors for 1/4", 3/8" and 1/2" square drive as well for 1/4" bits
- In plastic case
- Dimensions: 275 x 150 x 42 mm

Schlüsselknarre R-Serie

mm

Code	No.	Contents			£
2329093	**7 UR A-008**	**7 UR** 10 13 17 19 **7 RA**-6,3 -10 -12,5 **7 RB**-6,3	1100	1	

30 • D 30

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