

77 ST SCALING HAMMER

- > Acc. to DIN 5133
- > With steel tube handle



g		Code	No.
400	0.505	8691390	77 ST-400

41 E SCALING HAMMER

- > With ash handle DIN 5111
- > Spare handle E 4 E



g	l mm		Code	No.
500	320	0.640	8665390	41 E-500
	320	0.160	8588380	E 4 E-500

Recoilless hammers

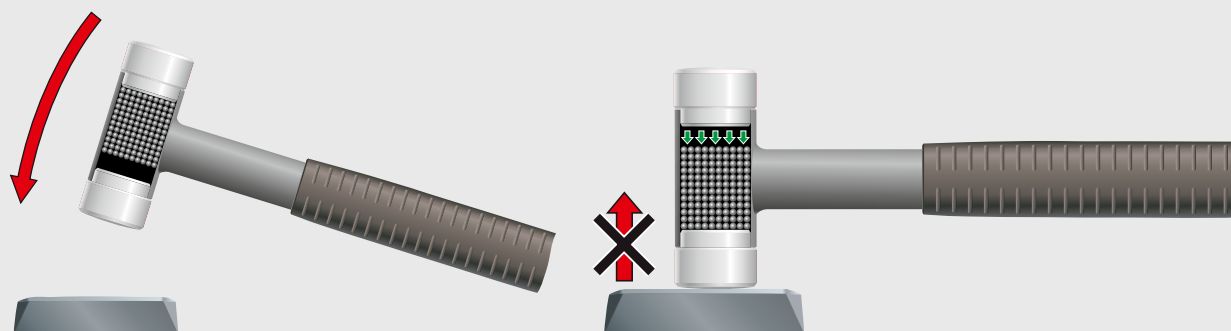
YOUR ADVANTAGE:

- > Due to the special filling insert in the hammer head a considerably higher impact is made compared to standard engineers' and recoilless hammers
- > Universal use for service and assembly work, with all the advantages of a recoilless hammer with higher impact
- > "Dead blows" with no recoil reduce stress on muscles, nerves and wrists
- > Lower cost due to universal use as an engineer's and recoilless hammer
- > Recoilless hammers protect sensitive surfaces
- > Each blow is more effective than standard safety hammers
- > Available with hickory, tubular steel or fibreglass handles
- > Exchangeable inserts, resistant to breakage or wear, made of modified polyamide

FUNCTION



- > The hollow hammer head is filled with steel shot. Small steel balls with a high carbon content.
- > Workpiece "adhesion" and a "fully-felt" strike come from the practically 100% pulse transfer onto the workpiece.
- > The impact (colloquial term for pulse) results principally from the kinetic energy of the fine-grained steel shot.
- > The hammer head mass is slight compared to steel shot.
- > That is why the counter pulse triggered by the hammer head is not felt.
- > Bouncing blows are avoided.
- > Goes easy on one's joints and tendons.



248 H RECOILLESS HAMMER

- > With hickory handle
- > Splinter-proof, shatter-proof and wear-resistant polyamide heads, 75 Shore D, tested to -20° C
- > Powder-coated with silver hammer-effect enamel



Ø mm	l mm	kg	Code	No.
25	305	0.300	8728220	248 H-25
30	330	0.470	8868230	248 H-30
35	335	0.590	8868310	248 H-35
40	360	0.730	8868580	248 H-40
45	365	0.870	8868660	248 H-45
50	370	1.020	8868740	248 H-50
60	370	1.650	8868820	248 H-60
70	370	2.330	8728300	248 H-70
80	880	4.270	8728490	248 H-80
100	1000	6.935	8728570	248 H-100

E 248 H SPARE HANDLE HICKORY

l mm	kg	Code	No.
280	0.062	8739690	E 248 H-25
300	0.120	8739770	E 248 H-30-35
320	0.140	8739850	E 248 H-40-45
320	0.180	8739930	E 248 H-50
310	0.210	8740000	E 248 H-60-70
800	0.680	8740190	E 248 H-80
900	1.100	8740270	E 248 H-100

E 248 POLYAMIDE SPARE HEAD (PIECE)

- > Splinter-proof, shatter-proof and wear-resistant polyamide, 75 Shore D, tested to -20° C

Ø mm	kg	Code	No.
20	0.010	8747790	E 248-20
25	0.010	8747870	E 248-25
30	0.015	8830260	E 248-30
35	0.021	8830340	E 248-35
40	0.031	8830420	E 248-40
45	0.040	8829920	E 248-45
50	0.050	8830500	E 248-50
60	0.090	8830690	E 248-60
70	0.130	8748410	E 248-70
80	0.190	8748680	E 248-80
100	0.350	8748760	E 248-100

248 F RECOILLESS HAMMER

- > Nearly unbreakable fibreglass handle with handy plastic grip and secured head
- > Splinter-proof, shatter-proof and wear-resistant polyamide heads, 75 Shore D, tested to -20° C
- > Powder-coated with silver hammer-effect enamel



Ø mm	l mm	kg	Code	No.
25	290	0.400	8724310	248 F-25
30	305	0.550	8867690	248 F-30
35	310	0.730	8867770	248 F-35
40	315	0.780	8867850	248 F-40
45	320	0.940	8867930	248 F-45
50	325	1.120	8868070	248 F-50
60	335	1.680	8868150	248 F-60

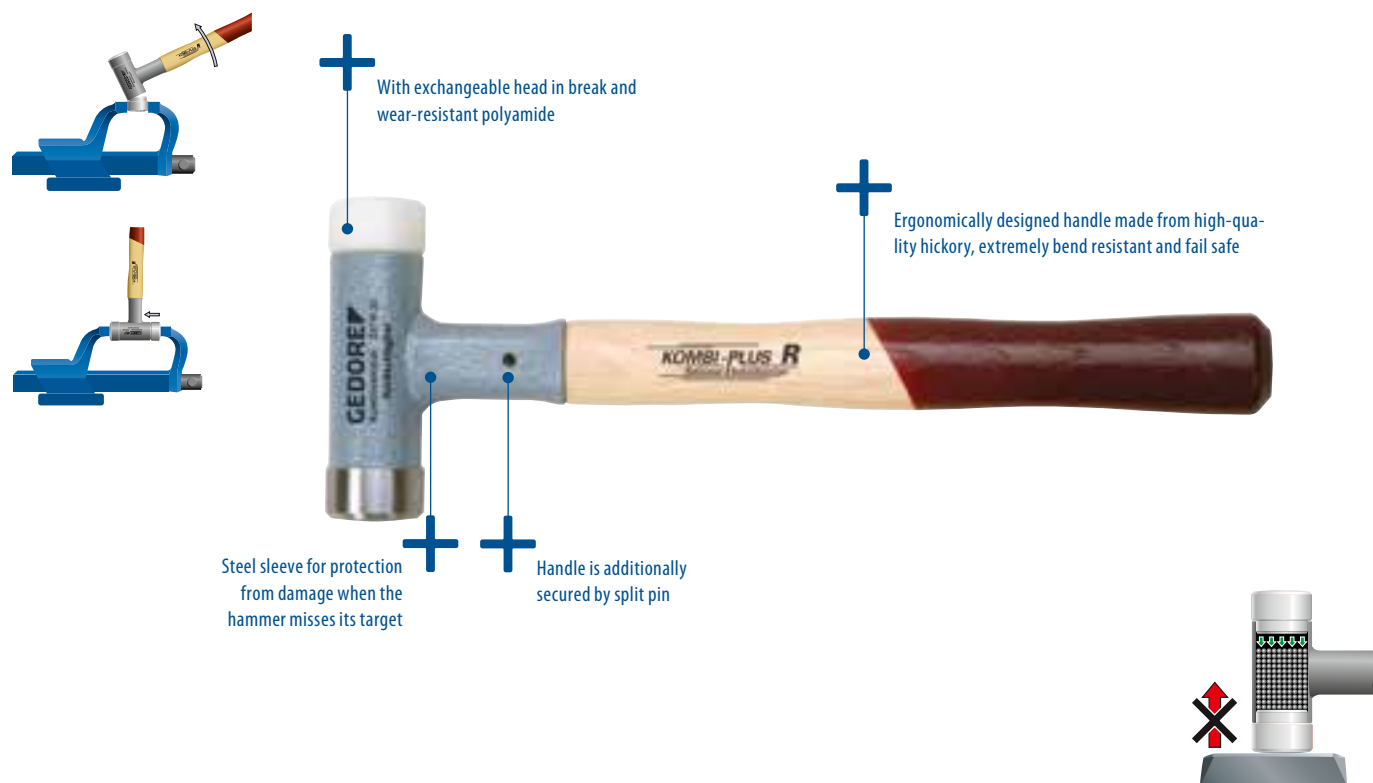
248 ST RECOILLESS HAMMER

- > With very robust and durable steel tube handle
- > Splinter-proof, shatter-proof and wear-resistant polyamide heads, 75 Shore D, tested to -20° C
- > Powder-coated with silver hammer-effect enamel



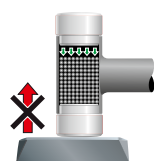
Ø mm	l mm	kg	Code	No.
25	270	0.440	8724070	248 ST-25
30	290	0.600	8828950	248 ST-30
35	295	0.700	8829090	248 ST-35
40	300	0.800	8829170	248 ST-40
45	305	0.950	8829410	248 ST-45
50	310	1.005	8829250	248 ST-50
60	335	1.800	8829330	248 ST-60
70	335	2.430	8724150	248 ST-70

KOMBI-PLUS R



247 H COMBINATION HAMMER KOMBI-PLUS R

- > Reduced expense due to versatile use as an engineer's and recoilless hammer
- > Universal use for service and assembly work
- > With all advantages of a recoilless hammer with higher impact
- > Less energy necessary, easier working
- > With exchangeable splinter-proof, shatter-proof and wear-resistant polyamide head (E 247), 75 Shore D, tested to -20 °C
- > With hickory handle (E 247 H)
- > DBGM (German utility patent)



Ø mm	l mm	kg	Code	No.
30	305	0.460	1603299	247 H-30
35	310	0.690	1603396	247 H-35
40	330	0.840	1687883	247 H-40

E 247 H SPARE HANDLE HICKORY KOMBI-PLUS R

- > Ergonomically designed handle made from high-quality hickory
- > Extremely bend resistant and fail safe

l mm	kg	Code	No.
270	0.100	1605313	E 247 H-30
270	0.120	1630709	E 247 H-35
290	0.126	1688014	E 247 H-40

E 247 POLYAMIDE SPARE HEAD (PIECE) KOMBI-PLUS R

- > Splinter-proof, shatter-proof and wear-resistant polyamide, 75 Shore D, tested to -20 °C

Ø mm	kg	Code	No.
30	0.021	1605305	E 247-30
35	0.034	1605380	E 247-35
40	0.040	1688022	E 247-40

Safety hammers

224 E PLASTIC HAMMER

- > With exchangeable heads made from yellow shatter-proof cellulose acetate
- > With ash handle
- > 65 Shore D



Ø mm	l mm	Spare handle	kg	Code	No.
22	250	E 224 E-22	0.157	8821270	224 E-22
27	270	E 224 E-27	0.242	8821350	224 E-27
32	280	E 224 E-32	0.365	8821430	224 E-32
35	290	E 224 E-35	0.445	8821510	224 E-35
40	320	E 224 E-40	0.600	8821780	224 E-40
50	340	E 224 E-50	0.913	8821860	224 E-50
60	380	E 224 E-60	1.392	8821940	224 E-60

225 E NYLON HAMMER

- > With exchangeable heads made from impact-resistant nylon
- > With ash handle
- > 60 Shore D



Ø mm	l mm	kg	Code	No.
22	250	0.160	8805310	225 E-22
27	270	0.250	8805580	225 E-27
32	280	0.350	8805660	225 E-32
35	290	0.420	8805740	225 E-35
40	320	0.580	8805820	225 E-40
50	340	0.900	8805900	225 E-50
60	380	1.340	8806040	225 E-60

E 224 PLASTIC SPARE HEAD

- > From shatter-proof cellulose acetate
- > 65 Shore D

Ø mm	kg	Code	No.
22	0.005	8822590	E 224-22
27	0.015	8822670	E 224-27
32	0.025	8822750	E 224-32
35	0.030	8822830	E 224-35
40	0.040	8822910	E 224-40
50	0.070	8823050	E 224-50
60	0.110	8823130	E 224-60

E 224 E SPARE HANDLE ASH

for no. 224 E + 225 E

l mm	kg	Code	No.
250	0.060	8823210	E 224 E-22
270	0.060	8823480	E 224 E-27
280	0.080	8823560	E 224 E-32
290	0.060	8823640	E 224 E-35
320	0.100	8823720	E 224 E-40
340	0.100	8824290	E 224 E-50
380	0.115	8824370	E 224 E-60

E 225 NYLON SPARE HEAD

- > From impact-resistant nylon
- > 60 Shore D

Ø mm	kg	Code	No.
22	0.005	8814220	E 225-22
27	0.010	8814300	E 225-27
32	0.015	8814490	E 225-32
35	0.025	8814570	E 225-35
40	0.030	8814650	E 225-40
50	0.055	8814730	E 225-50
60	0.085	8814810	E 225-60

226 E RUBBER MALLET

hard

- > DIN 5128-90, 90 Shore A
- > With two flat surfaces
- > **2 A** with one curved and one flat surface
- > With ash handle



Ø mm	h mm	l mm	kg	Code	No.
40	80	260	0.210	8825500	226 E-0
55	90	320	0.370	8825690	226 E-1
65	115	340	0.630	8825770	226 E-2
65	115	340	0.578	8825850	226 E-2 A
75	130	380	0.990	8825930	226 E-3
90	140	380	1.150	8826070	226 E-4

227 E RUBBER MALLET

soft

- > DIN 5128-60, 60 Shore A
- > With two flat surfaces
- > With ash handle



Ø mm	h mm	l mm	kg	Code	No.
55	90	320	0.320	8826740	227 E-1
65	115	340	0.540	8826820	227 E-2
75	130	380	0.770	8827040	227 E-3
90	140	380	1.050	8827120	227 E-4

E 226 E SPARE HANDLE ASH

for no. 226 E + 227 E

l mm	kg	Code	No.
260	0.043	8826230	E 226 E-0
320	0.045	8826310	E 226 E-1
340	0.100	8826580	E 226 E-2

l mm	kg	Code	No.
380	0.130	8827200	E 226 E-3
380	0.170	8827390	E 226 E-4

Wooden / Copper / Lead hammers

228 WOODEN MALLET

- > Made from white beech wood
- > Acc. to DIN 7462 A



Ø mm	l mm	kg	Code	No.
70	340	0.470	8828280	228-70

229 WOODEN MALLET

- > Head made from white beech wood with pressed steel holder
- > With oval ash handle
- > Acc. to DIN 7462 B



Ø mm	l mm	kg	Code	No.
60	310	0.340	8601230	229-60
70	320	0.610	8601310	229-70

