

HONEST[®]

POWER TOOLS

MOD. Z1C-ST 32-28D

IMPORTANT

READ BEFORE USING

IMPORTANT

CITITI ÎNAINTE DE UTILIZARE



USER'S MANUAL

MANUAL DE UTILIZARE



ENGLISH

PAGE 2

ROMANA

PAGINA 10

MAIN SAFETY INSTRUCTIONS FOR POWER TOOLS



WARNING

WHEN USING A POWER TOOL, THE FOLLOWING BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE TAKEN TO REDUCE THE RISK OF ELECTRIC SHOCK, OF FIRE AND / OR PERSONAL INJURY. **READ AND UNDERSTAND THE USER'S MANUAL BEFORE OPERATING THE POWER TOOL IS REQUIRED.**

BASIC ELECTRICAL SAFETY

DOUBLE INSULATION. THIS TOOL IS DOUBLE INSULATED FROM THE MAIN POWER SUPPLY MAKING IT UNNECESSARY FOR THIS POWER TOOL TO BE EARTHED.

OUTLET VOLTAGE AND POWER TOOL VOLTAGE COMPATIBILITY. MAKE SURE THAT THE OUTLET VOLTAGE IS WITHIN THE VOLTAGE RANGE OF THE POWER TOOL.

AVOID ELECTRICAL SHOCK. DO NOT WORK IN WET AND HUMIDE CONDITIONS WITH A POWER TOOL.

BASIC PERSONAL SAFETY

BE WATCHFUL. OPERATING A POWER TOOL REQUIRES ATTENTION, CONCENTRATION AND CONTROL TO AVOID ANY PERSONAL INJURY. THUS, WHILE USING A POWER TOOL YOU MUST NOT BE TIRED AND/OR UNDER THE INFLUENCE OF ALCOHOL, DRUGS OR MEDICATION.

USE SAFETY EQUIPMENT. USE APPROPRIATE SAFETY EQUIPMENT SUCH AS GOGGLES, DUST MASK, NON-SKID SAFETY SHOES, OR HEARING PROTECTION WHENEVER AND WHEREVER APPLICABLE.

DRESS PROPERLY. DO NOT WEAR LOOSE CLOTHING OR JEWELRY SUCH AS NECKLACE THAT CAN BE CAUGHT BY THE POWER TOOL MOVING PARTS.

REMOVE ANY ADJUSTING TOOL SUCH AS KEY OR WRENCH. BEFORE PLUGGING IN THE POWER TOOL,

REMOVE ANY ADJUSTING TOOL TO AVOID ACCIDENT CAUSED BY THE ROTATION OF THE ADJUSTING TOOLS LEFT ATTACHED TO A ROTATION PART.

AVOID ACCIDENTAL START. ENSURE THAT THE SWITCH IS IN THE "OFF" POSITION BEFORE PLUGGING IN THE POWER TOOL.

AVOID ELECTRICAL SHOCK. ALWAYS HOLD POWER TOOL BY INSULATED GRIPPING SURFACES, WHEN PERFORMING AN OPERATION WHERE THE DRILLING OR CUTTING TOOLS MAY CONTACT HIDDEN ELECTRICAL WIRES, GAS PIPES...

MAINTAIN THE POWER TOOL AND YOUR HAND CLEAN. KEEP POWER TOOL, NOTABLY THE HANDLE(S) AND YOUR HANDS CLEAN AND FREE FROM OIL AND GREASE TO ENSURE BETTER CONTROL OF THE POWER TOOL IN OPERATION.

KEEP CHILDREN AND UNTRAINED PEOPLE AWAY.

POWER TOOL USE AND CARE

DO NOT FORCE THE POWER TOOL. DO NOT USE THE POWER TOOL IN AN INAPPROPRIATE CONTEXT OR IN A CONTEXT THE POWER TOOL IS NOT DESIGNED FOR. EACH POWER TOOL IS DESIGNED FOR SPECIFIC PERFORMANCE. A POWER TOOL DESIGNED TO BE SERVED AS A DO-IT-YOURSELF TOOL SHOULD NOT BE USED BY PROFESSIONALS FOR EXTENDED USES.

HAVE THE POWER TOOL REPAIRED BY QUALIFIED PEOPLE. ANY POWER TOOL THAT CANNOT BE CONTROLLED WITH THE SWITCH IS DANGEROUS AND MUST BE REPAIRED BY A QUALIFIED PERSON.

DISCONNECT THE POWER TOOL FROM THE POWER SOURCE BEFORE ANY INTERVENTION. DISCONNECT THE PLUG FROM THE POWER SOURCE AND/OR THE BATTERY PACK BEFORE MAKING ANY ADJUSTMENT, CHANGING ACCESSORIES, STORING THE POWER TOOL, AND MAINTAINING THE POWER TOOL.

STORE POWER TOOLS IN A SAFE PLACE. STORE IDLE POWER TOOLS IN A DRY AND A CLEAN PLACE, OUT OF THE REACH OF CHILDREN.

MAINTAIN PREVENTIVELY THE POWER TOOL.

- INSPECT REGULARLY THE MOUNTING PARTS; CHECK IF ALL THE LOOSE SCREWS ARE PROPERLY TIGHTENED.
- REGREASE THE POWER TOOL WITH GEARS WITH SPECIAL LUBRICANT AT EVERY BRUSH CHANGE.
- AFTER REGULAR EXAMINATION OF THE STATE OF THE BRUSHES AND COMMUTATOR, SEE WHETHER THESE PARTS NEED TO BE CHANGED.
- CLEAN YOUR POWER TOOLS BODY USING A CLEANING CLOTH LIGHTLY WET WITH A MIXED SOLUTION OF WATER AND SOAP

MAIN SAFETY INSTRUCTIONS FOR ROTARY HAMMER

ALWAYS USE THE SIDE HANDLE FOR MAXIMUM CONTROL OVER TORQUE REACTION OR KICK BACK. OPERATE YOUR ROTARY HAMMER WITH YOUR TWO HANDS TO ENSURE THAT YOU ARE IN A STABLE STANDING POSITION. FOR EXAMPLE, DO NOT USE THIS ROTARY HAMMER WHILE BEING ON A LADDER.

POSITION THE CORD CLEAR OF ROTATING DRILL. DO NOT WRAP THE CORD AROUND YOUR ARM OR WRIST. IF THE CORD BECOMES ENTANGLED WITH THE SPINNING BIT IT COULD ENTRAP YOU, CAUSING SERIOUS PERSONAL INJURY.

POSITION YOURSELF TO AVOID BEING CAUGHT BETWEEN THE TOOL OR SIDE HANDLE AND WALLS OR POSTS. IF THE DRILL BOUNDS OR JAMS IN THE WORKPIECE, THE REACTION TORQUE OF THE TOOL COULD CRUSH YOUR HAND OR LEG.

NEVER PLACE YOUR ROTARY HAMMER DOWN UNTIL THE DRILL OR THE OTHER ACCESSORY HAS COME TO A COMPLETE STOP.

DO NOT USE DULL OR DAMAGED DRILLS OR OTHER ACCESSORIES. DULL OR DAMAGED DRILLS HAVE A GREATER TENDENCY TO BIND IN THE WORKPIECE.

WHEN REMOVING THE DRILL OR OTHER ACCESSORIES FROM THE TOOL, AVOID ANY CONTACT WITH THE SKIN AND USE PROPER PROTECTIVE GLOVES WHEN GRASPING THE DRILL OR ACCESSORY. ACCESSORIES MAY BE HOT AFTER PROLONGED USE.

LUBRICATE THE GEAR BOX. THE GEAR BOX MUST BE LUBRICATED AFTER APPROXIMATELY 5 HOURS OF USE TO ENSURE IT WORKS EFFICIENTLY (SEE THE GEAR GREASE BOX LOCATION ON ON PAGE 4) . A SMALL CONTAINER OF GREASE IS SUPPLIED WITH THE HAMMER.

SYMBOLS

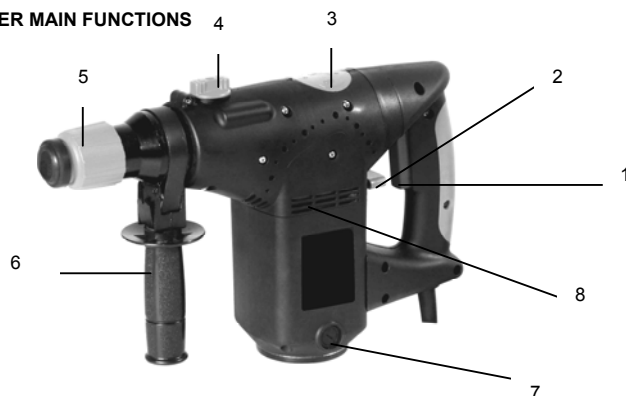
IMPORTANT: CERTAIN SYMBOLS MENTIONED BELOW ARE PRINTED ON YOUR POWER TOOL. THE UNDERSTANDING OF THESE SYMBOLS WILL ALLOW YOU TO OPERATE YOUR POWER TOOL IN SAFER CONDITION.

SYMBOL	NAME	DESIGNATION / EXPLANATION
V	VOLT	VOLTAGE
A	AMPERE	CURRENT
HZ	HERTZ	FREQUENCY
W	WATT	POWER
N0	NO LOAD SPEED	TOOL'S SPEED BEFORE CONTACT WITH THE WORKPIECE
.../MIN	REVOLUTION PER MINUTE	NUMBER OF ROTATIONS / MINUTE
0	"OFF"	"OFF" POSITION
1, 2, 3, ...OU I, II, III,	SPEED SELECTOR	A HIGH NUMBER INDICATES A HIGHER SPEED
	CONSTRUCTION CLASSE II	DOUBLE INSULATION
	EARTH TERMINAL	EARTH TERMINAL LIAISON
	ENVIRONMENTAL PROTECTION FOR WASTE ELECTRICAL PRODUCTS	WASTE ELECTRICAL PRODUCTS SHOULD NOT BE DISPOSED OF WITH HOUSEHOLD WASTE. PLEASE RECYCLE WHERE FACILITIES EXIST. CHECK WITH YOUR LOCAL AUTHORITY OR RETAILER FOR RECYCLING ADVICE

ROTARY HAMMER MAIN FUNCTIONS

YOUR ROTARY HAMMER POSSESSES SOME OR ALL OF THE FOLLOWING FUNCTIONS:

ROTARY HAMMER MAIN FUNCTIONS



- | | |
|---|-------------------------|
| 1. TRIGGER SWITCH | 5. LOCKING SLEEVE |
| 2. LEVER SELECTOR | 6. AUXILIARY HANDLE |
| 3. GEAR BOX COVER (LOCATION OF THE GREASE RESERVOIR)* | 7. CARBON BRUSH COVER |
| 4. HAMMER / DRILL, HAMMER, AND DRILL DIAL SELECTOR | 8. VENTILATION OPENINGS |

**THE SPANNER TO OPEN THE GEAR BOX COVER TO FILL UP THE MOTOR GREASE IS NOT DELIVERED*

ACCESSORIES CONTENTS:3 X 150 MM SDS DRILLS ($\Phi 8$, 10, 12 MM)

1 X DUST CAP

1 X 250 MM SDS POINTED CHISEL ($\Phi 14$ MM)

1 X GREASE POT

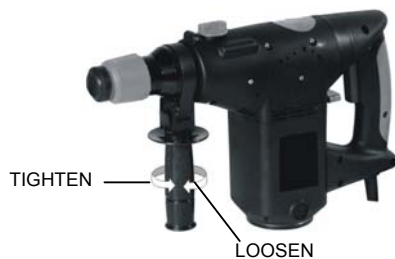
1 X DEPTH GAUGE

ROTARY HAMMER IN OPERATION

THE PICTURES BELOW INTEND TO MAKE YOU FAMILIAR WITH DIFFERENT FUNCTIONS OF YOUR ROTARY HAMMER. THESE PICTURES MAY NOT SHOW THE ACTUAL ROTARY HAMMER MODEL THAT YOU HAVE PURCHASED. **BEFORE ANY INTERVENTION, YOUR ROTARY HAMMER MUST BE DISCONNECTED FROM THE POWER SOURCE.**

OPERATING YOUR ROTARY HAMMER**1. FITTING THE AUXILIARY HANDLE**

ATTACH THE HANDLE AS SHOWN IN PICTURE 1
DEPENDING ON BEING LEFT HANDED OR RIGHT
HANDED.



PICTURE 1

2. FITTING SDS DRILL OR OTHER ACCESSORIES

THE HAMMER IS EQUIPPED WITH A SDS CHUCK SYSTEM. GRIP AND PULL BACK THE LOCKING SLEEVE TO INSERT A SDS DRILL OR OTHER ACCESSORIES. PUSH THE DRILL OR OTHER ACCESSORIES INTO THE SDS PLUS CHUCK UNTIL A RESISTANCE IS FELT (SEE PICTURE 2). IT MAY BE NECESSARY TO SPIN THE SDS DRILL OR CHISEL UNTIL ITS SHAFT IS WELL PLACED IN THE SDS PLUS CHUCK. RELEASE THE LOCKING SLEEVE TO LOCK THE SDS DRILL OR OTHER ACCESSORIES.



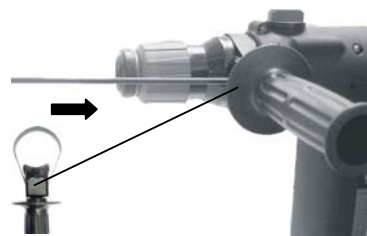
PICTURE 2

3. REMOVING SDS DRILL OR OTHER ACCESSORIES

REVERSE ALL THE OPERATIONS STEP BY STEP
IN POINT 2. TO REMOVE THE SDS DRILL OR
OTHER ACCESSORIES INSTALLED.

4. SETTING THE DEPTH GAUGE

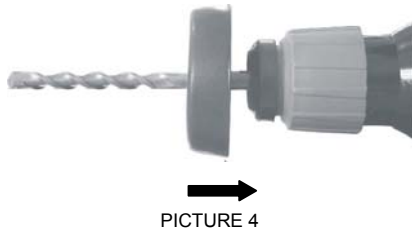
- ROTATE THE HANDLE ANTI-CLOCKWISE, INSERT DEPTH GAUGE INTO THE HANDLE (SEE PICTURE 3).
- ADJUST THE DEPTH GAUGE TO THE DESIRED DEPTH.
- ROTATE THE HAND CLOCKWISE TO TIGHTEN THE DEPTH GAUGE.



PICTURE 3

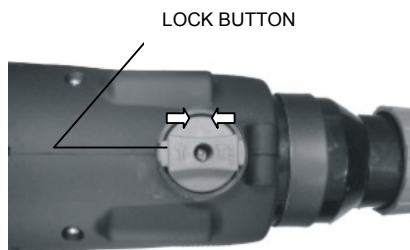
5. BUILT - IN DUST PROTECTION

THE DUST PROTECTION CAP PREVENTS, AT LARGE EXTENT, DRILLING DUST FROM ENTERING INTO YOUR ROTARY HAMMER. WHEN INSERTING THE DUST CAP, MAKE SURE THAT THE DUST PROTECTION CAP IS NOT DAMAGED (SEE PICTURE 4).



6. YOUR ROTARY HAMMER'S 3 FUNCTIONS

PRESS THE LOCKING BUTTON TO SELECT THE DESIRED FUNCTION.



6.1. SET UP THE HAMMER / DRILL FUNCTION

- TURN THE DIAL SELECTOR TO POSITION "T" TO PROVIDE ROTATION OF THE CHUCK (SEE PICTURE 6).
- TURN THE LEVER SELECTOR TO POSITION "T" TO STOP THE HAMMER ACTION (SEE PICTURE 7).



6.2. SET UP THE HAMMER FUNCTION

- TURN THE DIAL SELECTOR TO POSITION "T" TO STOP ROTATION OF THE CHUCK (SEE PICTURE 8).
- TURN THE LEVER SELECTOR TO POSITION "T" TO PROVIDE THE HAMMER ACTION (SEE PICTURE 7).



6.3. SET UP THE DRILLING FUNCTION

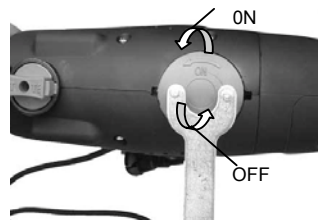
- TURN THE DIAL SELECTOR TO POSITION "T" TO PROVIDE ROTATION OF THE CHUCK (SEE PICTURE 6).
- TURN THE LEVER SELECTOR TO POSITION "T" TO STOP THE HAMMER ACTION (SEE PICTURE 9).



7. GEAR BOX MAINTENANCE

ALWAYS CHECK IF THERE IS SUFFICIENT GREASE IN THE GREASE BOX BEFORE USE.

OPEN THE GREASE BOX COVER AT THE TOP OF YOUR ROTARY HAMMER USING THE PIN SPANNER (NOT PROVIDED). THEN TOP UP THE GREASE USING THE GREASE POT PROVIDED WITH YOUR ROTARY HAMMER (SEE PICTURE 10).

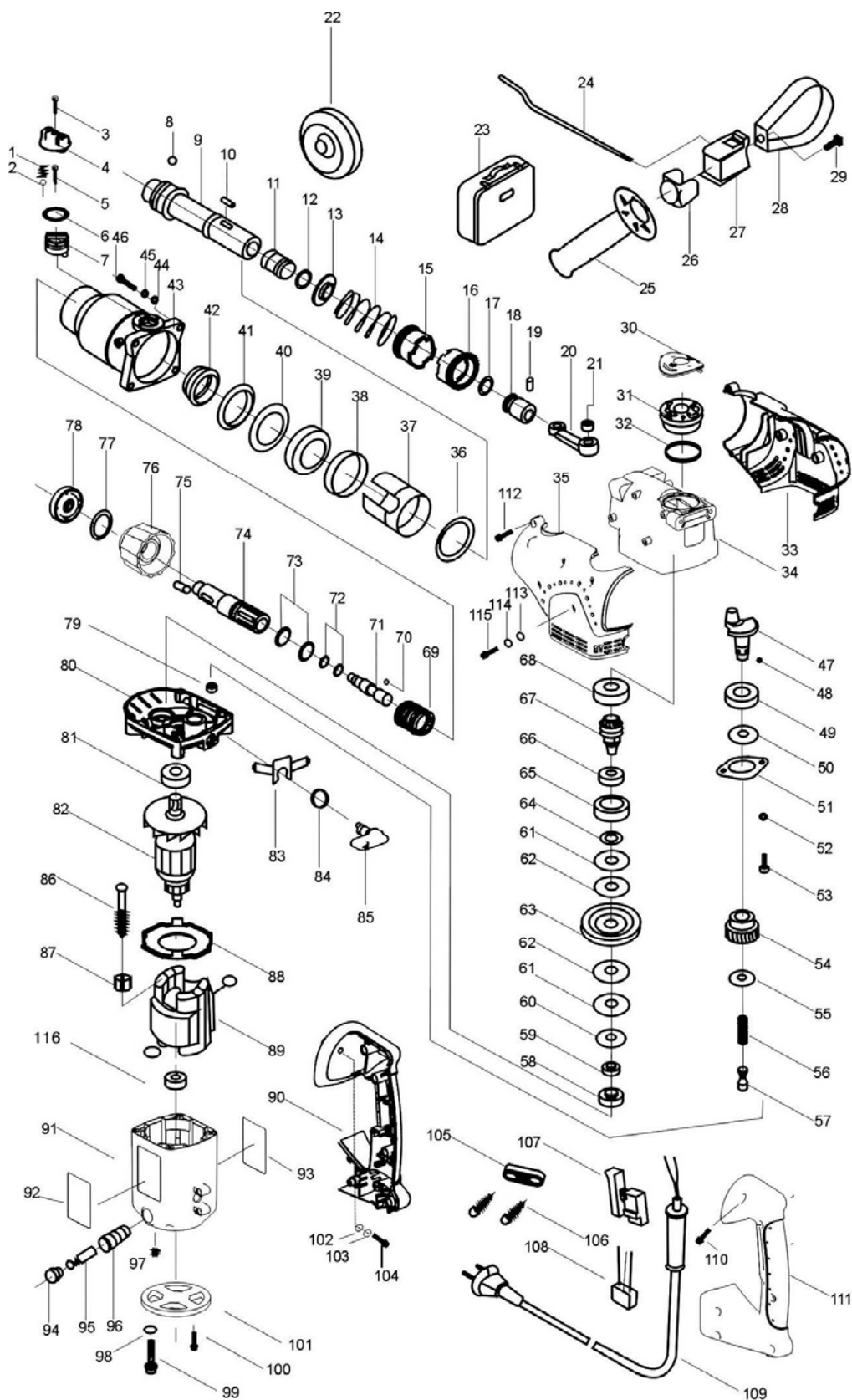


PICTURE 10

MAIN TECHNICAL DATA

MODELE	Z1C-ST32-28D
RATED INPUT POWER	850 W
VOLTAGE / FREQUENCY	230 V - 50 HZ
NO LOAD SPEED	750 RPM
HAMMER RATE	2900 / MIN
MAX DRILLING CAPACITY:	
CONCRETE	13 MM
WOOD	40 MM
STEEL	28 MM
SOUND PRESS LEVEL	97.0 dB (A)
SOUND POWER LEVEL	110.0 dB (A)
VIBRATION LEVEL	7.82 S/M ²

SPARE PARTS* DIAGRAM



NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	BUTTON SPRING	30	LARGE OIL CAP	59	SPECIAL NUT	88	AIR DEFLECTOR
2	BUTTON	31	OIL CAP	60	SPRING WASHER	89	STATOR
3	PHILIPS FLAT HEAD SCREW	32	O RING	61	GASKET	90	HANDLE
4	AMMER PICKAXE KNOB	33	LEFT CASE	62	FRICTION PLATE	91	CASE
5	PHILIPS UNTERSUNK HEAD SCREW	34	GEAR BOX	63	2# GEAR	92	TRADE MARK
6	KNOB BASE	35	RIGHT CASE	64	GASKET	93	NAME PLATE
7	PULLING SHAFT	36	O RING	65	ROLLING BEARING 6002	94	CARBON BRUSH COVER
8	STEEL BALL	37	SPACE SLEEVE	66	STEEL SPACE RING	95	CARBON BRUSH
9	PISTON SLEEVE	38	RUBBER SPACE RING	67	CONE GEAR SHAFT	96	BRUSH HOLDER
10	FLAT KEY	39	ROLLING BEARING	68	SKELETON RUBBER SEAL RING	97	SLOTED FLAT END SET SCREW
11	SHOCK PISTON	40	GASKET (A0)	69	SPRING	98	SPRING WASHER
12	O SEAL RING	41	SKELETON RUBBER SEAL RING	70	STEEL BALL	99	SOCKET COLUMN CAPS SCREW
13	SPRING SEAT	42	ROTATING SLEEVE	71	SHOCK HAMMER	100	PHILIPS FLAT HEAD SELF-TAPPING SCREW
14	SPRING	43	HAMMER HEAD SLEEVE	72	O SEAL RING	101	BACK COVER
15	CLUTCH	44	FLAT WASHER	73	O SEAL RING (B)	102	FLAT WASHER
16	CONE GEAR	45	SPRING WASHER	74	TELEFLEX	103	SPRING WASHER
17	O SEAL RING	46	PHILIPS FLAT HEAD SCREW	75	STEEL BALL	104	PHILIPS FLAT HEAD SCREW
18	PRESSING AIR PISTON	47	ECCENTRIC HOLLOW HSAFT	76	SRING POCKET	105	CABLE CLAMP PLATE
19	PISTON PIN	48	STEEL BALL	77	STEEL WIRE RETAINING RING	106	PHILIPS FLAT HEAD SELF-TAPPING SCREW
20	LEVEL	49	ROLLING BEARING	78	FRONT COVER	107	SWITCH
21	SLIDE BEARING	50	SHAFT RETAINING RING	79	SLIDE BEARING	108	CAPACITOR
22	DUST PROTECTION CAP	51	BEARING	80	MIDDLE COVER	109	CORD
23	MOLDING PLASTIC BOX	52	SPRING WASHER CAP	81	ROLLING BEARING 6001	110	PHILIPS FLAT HEADSELF-TAPPING SCREW
24	POSITION LIMIT LEVE	53	SOCKET SCREW	82	ROTOR	111	HANDLE COVER
25	AUXILIARY HANDLE	54	1# GEAR	83	CIRCLIP	112	PHILIPS FLAT HEAD SELF- TAPPING SCREW
26	HANDLE SEAT	55	GASKET	84	O RING	113	FLAT WASHER
27	HANDLE BRACKET	56	SPRING	85	ECCENTRIC SPANNER	114	SPRING WASHER
28	CLAMPING PLATE	57	CLUTCH SPINDLE	86	STATOR SCREW	115	PHILIPS FLAT HEAD SCREW
29	SQUARE CAP BOLT	58	ROLLING BEARING	87	ARCH SHAPE GASKET	116	O RING

PRINCIPALELE MASURI DE SIGURANTA PENTRU SCULELE ELECTRICE



ATENTIE

CAND FOLOSITI O SCULA ELECTRICA, CATEVA REGULI DE BAZA, INCLUSIV URMATOARELE, TREBUIE RESPECTATE, PENTRU A REDUCE RISCUL DE ELECTROCUTARE, DE INCENDIU SI/SAU DE RANIRE.

CITITI ACESTE INSTRUCIUNI INAINTE DE A INCEPE LUCRUL SI PASTRATI-LE INTR-UN LOC SIGUR.

MASURI DE SIGURANTA ELECTRICA

DUBLA IZOLARE. ACEASTA UNEALTA ESTE DUBLU IZOLATA DE LA PRINCIPALA SURSA DE ALIMENTARE, NEFIIND NECESAR CA ACEASTA SCULA ELECTRICA SA FIE IMPAMANTATA.

COMPATIBILITATE INTRE TENSIUNEA DE ALIMENTARE SI PUTEREA SCULEI ELECTRICE. ASIGURATI-VA CA TENSINEA DE ALIMENTARE ESTE ACELASI CU NIVELUL DE TENSIUNE ACCEPTAT DE APARAT

EVITATI SOCURILE ELECTRICE. NU LUCRATI INTR-UN MEDIU UMED SAU IN CONDITII DE UMIDITATE CU SCULA ELECTRICA.

MASURI PRINCIPALE DE SIGURANTA

FITI ATENT. LUCRUL CU SCULA ELECTRICA NECESITA ATENTIE, CONCENTRARE SI CONTROL PENTRU A EVITA ORICE RANIRE, ASTFEL INCAT, IN TIMP CE UTILIZATI SCULA ELECTRICA, SA NU FITI OBOIST SI/SAU SA NU FITI SUB INFLUENTA BAUTURILOR ALCOOLICE, A DROGURILOR SAU A MEDICAMENTELOR..

FOLOSITI ECHIPAMENT DE PROTECTIE UTILIZATI ECHIPAMENT DE PROTECTIE CUM AR FI OCHELARI DE PROTECTIE, MASCA DE PRAF, INCALTAMINTE ANTIDERAPANTA SAU PROTEJATI-VA AUZUL DE CATE ORI ESTE NEVOIE.

IMBRACATI-VA POTRIVIT NU PURTAT HAINE LARGI SAU BIJUTERII PENTRU CA POT FI PRINSE DE PARTILE MOBILE

FOLOSITI UNEALTA POTRIVITA NU UTILIZATI UNELTE MICI SAU ACCESORII PENTRU A FACE TREABA DESTINATA UNELTELOR DE MARI DIMENSIUNI. NU FOLOSITI UNELTE LA OPERATII PENTRU CARE NU AU FOST PROIECTATE.

EVITATI PORNIRILE ACCIDENTALE ASIGURATI-VA CA INTRERUPATORUL SE AFLA IN POZITIA „OPRIT” INAINTE DE A ALIMENTA SCULA CU ENERGIE ELECTRICA.

EVITATI SOCURILE ELECTRICE NU TRANSPORTATI NICIODATA SCULA ELECTRICA TINAND-O DE CABLUL ELECTRIC DE ALIMENTARE. NU TRAGETI DE CABLU PENTRU A SCOATE STECHERUL DIN PRIZA.

PASTRATI SCULA ELECTRICA SI MAINILE CURATE PASTRATI MANERELILE USCATE, CURATE SI FARA URME DE GRASIME. PASTRATI CABLUL DEPARTE DE SURSE DE CALDURA, GRASIME SAU OBIECTE TAIOASE.

URMATI INSTRUCIUNILE PENTRU GRESAREA SAU INLOCUIREA ACCESORIILOR. VERIFICATI PERIODIC CABLUL DE ALIMENTARE SI INLOCUITI-L DACA OBSERVATI DEFECTIUNI.

NU LASATI COPIII SA SE APROPIE.

NU LASATI PERSOANELE DIN JUR SA ATINGA UNEALTA SAU CABLUL ELECTRIC. TINETI PERSOANELE STRAINE DEPARTE DE ARIA DE LUCRU.

UTILIZAREA SI INTRETINEREA SCULEI ELECTRICE

NU FORTATI SCULA ELECTRICA. NU O FOLOSITI INTR-UN CONTEXT INADECVAT PENTRU CARE NU A FOST PROIECTATA. UTILIZAREA ALTOR ACCESORII

DECAT CELE RECOMANDATE IN ACEST MANUAL DE INSTRUCIUNI ADUC CU SINE RISCUL DE ACCIDENTE.

REPARATIILE UNELTEI TREBUIE FACUTE DE O PERSOANA SPECIALIZATA. ORICE UNEALTA ELECTRICA , CARE NU POATE FI CONTROLATA DE LA COMUTATOR ESTE PERICULOASA SI TREBUIE REPARATA DE PERSONAL CALIFICAT.

DECONECTATI SCULA ELECTRICA DE LA SURSA DE ALIMENTARE ELECTRICA. INAINTE DE A FACE ORICE FEL DE INTERVENTIE. DECONECTATI UNEALTA ATUNCI CAND NU ESTE IN UZ, CAND O REPARATI SAU SCHIMBATI ACCESORIILE.

DEPOZITATI UNELTELE ATUNCI CAND NU LE UTILIZATI CAND NU SUNT IN UZ, DEPOZITATI UNELTELE INTR-UN LOC USCAT, LA INALTIME SI INCUIAT, PENTRU CA APARATUL SA NU FIE LA INDEMANA COPIILOR.

VERIFICATI PARTILE DEFECTE. INAINTE DE A UTILIZA SCULA ELECTRICA, TREBUIE VERIFICATE CU ATENTIE TOATE PARTILE COMPONENTE. VERIFICATI DACA PARTILE MOBILE SUNT CORECT ALINIAE,

DACA EXISTA DEFECTIUNI, PARTI MONTATE GRESIT SAU ORICE ALTE PROBLEME CARE POT AFECTA OPERAREA

INAINTE DE A UTILIZA SCULA ELECTRICA, TREBUIE VERIFICATE CU ATENTIE TOATE PARTILE COMPONENTE. . VERIFICATI DACA PARTILE MOBILE SUNT CORECT ALINIAE, DACA EXISTA DEFECTIUNI, PARTI MONTATE GRESIT SAU ORICE ALTE PROBLEME CARE POT AFECTA OPERAREA UNGETI PARTILE COMPONENTE CU LUBRIFIANT SPECIAL LA FIECARE SCHIMBARE A LOR.

DUPA FIECARE VERIFICARE REGULATA A STARII DE LUCRU A PERIILOR SI COMUTATORULUI UNELTEI ELECTRICE, OBSERVATI CARE DIN PARTILE COMPONENTE TREBUIE SCHIMBATE.

CURATATI PARTEA EXTERIOARA A SCULEI ELECTRICE FOLOSIND O PANZA DIN TESATURA MOALE UMEZITA CU O SOLUTIE COMPUSA DIN APA SI SAPUN.

PRINCIPALELE MASURI DE SIGURANTA

INTOTDEAUNA FOLOSITI MANERUL LATERAL PENTRU UN CONTROL MAXIM ASUPRA REACTIEI DE RESPINGERE SAU DE RASUCIRE. LUCRATI CU CIOCANUL DUMNEAVOASTRA ROTOPERCUTOR CU AMBELE MAINI PENTRU A VA ASIGURA O POZITIE DE LUCRU STABILA. DE EXEMPLU NU LUCRATI CU CIOCANUL ROTOPERCUTOR CAND SUNTETI PE O SCARA.

NU POZITIONATI CABLUL ELECTRIC IN TIMPUL ROTIRII BURGHIULUI. NU INFASURATI CABLUL ELECTRIC IN JURUL MAINII SAU AL MIJLOCULUI. DACA CABLUL ELECTRIC SE RASUCESTE IN JURUL BURGHIULUI VA POATE AGATA, PROVOCANDU-VA SERIOASE RANIRI PERSONALE.

POZITIONATI-VA IN ASA FEL INCAT SA EVITATI SA VA AFLATI INTRE UNEALTA SAU MANERUL LATERAL SI PERETE DACA IN TIMPUL LUCRULUI BURGHIUL RAMANE BLOCAT MOMENTUL DE TORSIUNE REACTIV

AL UNELTEI VA POATE ZDROBI MAINILE SAU PICIOARELE.

NICIODATA NU LASATI JOS DIN MANA CIOCANUL DUMNEAVOASTRA ROTOPERCUTOR PANA CAND BURGHIUL SAU ALT ACCESORIU AFLAT IN MISCARE NU ESTE COMPLET OPRIT.

NU FOLOSITI ACCESORII SI BURGHIE DEFECTE SAU TOCITE. BURGHIELE TOCITE SAU DEFECTE AU O MARE TENDINTA DE A SE BLOCA IN PIESA DE PRELUCRAT.

CAND SCOATETI BURGHIUL SAU ALT ACCESORIU DIN UNEALTA, EVITATI ORICE CONTACT CU PIELEA SI FOLOSITI MANUSI DE PROTECTIE ADECVATE CAND PRINDETI BURGHIUL SAU ACCESORIILE. ACCESORIILE POT FI FIERBINTI DUPA O UTILIZARE INDELUNGATA

LUBRIFIATI CUTIA CU ANGRENAJE. CUTIA CU ANGRENAJE TREBUIE SA FIE LUBRIFIATA DUPA APROXIMATIV 5 ORE DE FOLOSIRE PENTRU A VA ASIGURA CA UNEALTA ELECTRICA FUNCTIONEAZA EFICIENT (VEZI LOCUL CUTIEI CU ANGRENAJELE PENTRU UNGERE IN PAGINA 13) O MICA CANTITATE DE VASELINA DE GRESAJ ESTE LIVRATA O DATA CU CIOCANUL ROTOPERCUTOR.

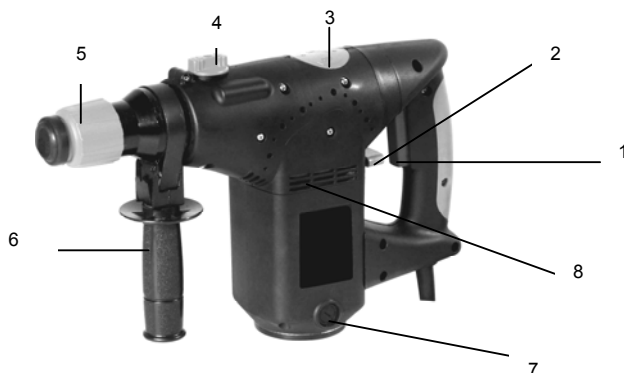
SIMBOLURI

IMPORTANT: ASIGURATI-VA CA SIMBOLURILE DESCRISE MAI JOS SE AFLA INSRPTIONATE SI PE CIOCANUL DUMNEAVOASTRA ROTOPERCUTOR. INTELEGEREA ACESTOR SIMBOLURI VA VA AJUTA SA STITI CUM SA FOLOSITI UNEALTA ELECTRICA IN CONDITII DE SIGURANTA.

SIMBOL	NUME	DENUMIRE/EXPLICARE
V	VOLT	TENSIUNEA
A	AMPERI	INTENSITATEA
HZ	HERTZ	FRECVENTA
W	WATT	PUTEREA
N0	FARA TURATIE	TURATI UNEALTA INAINTE DE CONTACTUL CU PIESA
.../MIN	ROTATII PE MINUT	NUMARUL DE ROTATII/MINUT
0	„OPRIT”	„POZITIA „OPRIT”
1, 2, 3, ...OU I, II, III,	SELECTOR DE VITEZA	UN NUMAR MARE INDICA O VITEZA RIDICATA
	CLASA DE CONSTRUCTIE II	DUBLA IZOLATIE
	IMPAMANTARE	LEGATURA CU PAMANTUL
	PROTECTIA MEDIULUI INCONJURATOR PRIN COLECTAREA DESEURILOR DE NATURA ELECTRICA	DESEURILE DE TIPUL PRODUSELOR ELECTRICE NU AR TREBUI DEPUSE IMPREUNA CU DESEURILE MENAJERE. INDICA FAPTUL CA ECHIPAMENTUL FACE OBIECTUL UNEI COLECTARI SEPARATE, CONFORM HOTARARII HG448/2005

PRINCIPALELE FUNCTII ALE CIOCANULUI ROTOPERCUTOR

CIOCANUL DUMNEAVOASTRA ROTOPERCUTOR POSEDA CATEVA SAU TOATE FUNCTIILE DE MAI JOS:



- | | |
|--|---|
| 1. COMUTATOR PIEDICA | 5. MANSON DE BLOCARE |
| 2. SELECTOR DE NIVEL | 6. MANER AUXILIAR |
| 3. CAPACUL CUTIEI CU ANGRENAJE (LOCASUL REZERVORULUI DE VASELINA)* | 7. CAPAC PENTRU PERIILE DE CARBON ALE MOTORULUI |
| 4. SELECTOR CU SCALA - PERCUTIE/GAURIRE, PERCUTIE SI GAURIRE | 8. IESIRI DE VENTILARE |

* CHEIA PENTRU DESCHIDEREA CUTIEI CU ANGRENAJE PENTRU UMLEREA EI CU LUBRIFIANT NU ESTE FURNIZATA

ACCESORII CONTINUTE:

- | | |
|--|--------------------------|
| 3 X 150 MM BURGHII SDS ($\phi 8$, 10, 12 MM) | 1 X CAPAC PROTECTIE PRAF |
| 1 X 250 MM SDS DALTA ASCUTITA ($\phi 14$ MM) | 1 X VAS CU VASELINA |
| 1 X GHIDAJ DE ADANCIME | |

PUNEREA IN FUNCTIUNE A CIOCANULUI ROTOPERCUTOR

FIGURA URMATOARE INTENTIONEAZA SA VA FAMILIARIZEZE CU DIFERITELE OPERATII PE CARE POATE REALIZA CIOCANUL ROTOPERCUTOR. ACESTE FIGURI POT SA NU REPREZINTE MODELUL DE CIOCAN ROTOPERCUTOR PE CARE DUMNEAVOASTRA L-ATI ALES. **INAINTE DE ORICE INTERVENTIE, CIOCANUL ROTOPERCUTOR TREBUIE SA FIE DECONECTAT DE LA SURSA DE ENERGIE.**

LUCRUL CU CIOCANUL ROTOPERCUTOR

1. FIXAREA MANERULUI AUXILIAR

ATASATI MANERUL ASA CUM SE INDICA IN FIGURA 1 SI DEPINDE DACA SUNTETI STANGACI SAU DREPTACI.

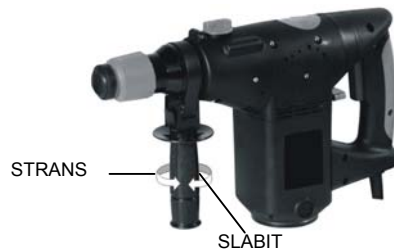


FIGURA 1

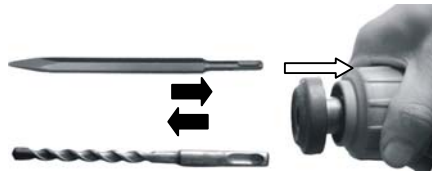


FIGURA 2

2. PRINDEREA BURGHIULUI SDS SI ACCESORIILOR

CIOCANUL ROTOPERCUTOR ESTE PREVAZUT CU UN SISTEM MANDRINA SDS. PRINDETI SI TRAGETI INAPOI INELUL MANSONULUI DE BLOCARE PENTRU A INTRODUCERE BURGHIUL SDS SAU ALTE ACCESORII. IMPINGETI BURGHIUL SAU CELELALTE ACCESORII IN MANDRINA SDS PANA CAND A SCAZUT REZISTENTA (VEZI FIGURA 2). AR PUTEA FI NECESARA ROTIREA BURGHIULUI SDS SAU A DALTII PANA CAND AXUL LOR ESTE BINE ASEZAT IN MANDRINA SDS PLUS. ELIBERATI MANSONUL DE BLOCARE PENTRU BLOCAREA BURGHIULUI SDS SAU A ALTOR ACCESORII.

3. DEMONTAREA BURGHIULUI SDS SI A ALTOR ACCESORII

INVERSATI TOATE OPERATIILE PAS CU PAS DE LA PUNCTUL 2. PENTRU DEMONTAREA BURGHIULUI SDS SAU A ALTOR ACCESORII INSTALATE ANTERIOR.

4. REGLAREA GHIDAJULUI DE ADANCIME

- ROTITI MANERUL LATERAL IN SENS INVERS ACELOR DE CEASORNIC, INTRODUCETI GHIDAJUL DE ADANCIME IN MANER (VEZI FIGURA 3).
- REGLATI GHIDAJUL DE ADANCIME LA ADANCIMEA DOTITA.
- ROTITI MANERUL IN SENSUL ACELOR DE CEASORNIC PENTRU A STRANGE GHIDAJUL DE ADANCIME.

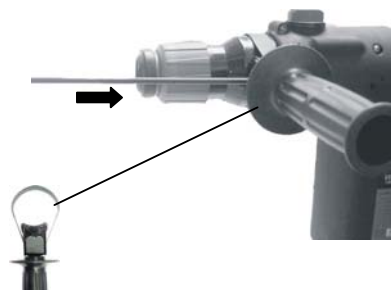


FIGURA 3

5. MECANISMUL DE PROTECTIE A PRAFULUI

CAPACUL DE PROTECTIE IMPOTRIVA PRAFULUI PREVINE, INTR-O MARE MASURA, INTRAREA PRAFULUI REZULTAT IN URMA GAURIRII IN CIOCANUL ROTOPERCUTOR.

CAND INTRODUCETI CAPACUL DE PROTECTIE IMPOTRIVA PRAFULUI, ASIGURATI-VA CA ACEST CAPAC NU ESTE STRICAT (VEZI FIGURA 4).

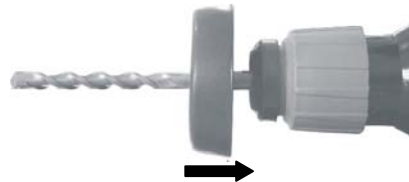


FIGURA 4

6. OPERATIILE CIOCANULUI ROTOPERCUTOR

APASATI BUTONUL DE BLOCARE PENTRU A SELECTA OPERATIA (VEZI FIGURA 5).

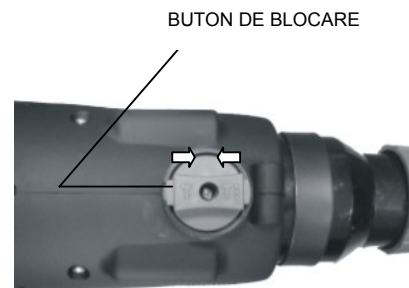


FIGURA 5

6.1. PREGATIREA OPERATIILOR DE PERCUTIE/GAURIRE

- ROTITI SCALA SELECTORULUI PE POZITIA "  " PENTRU A PREVEDEA ROTIREA MANDRINEI (VEZI FIGURA 6).
- ROTITI PARGHIA SELECTORULUI IN POZITIA "  " PENTRU A OPRI ACTIUNEA DE PERCUTIE (VEZI FIGURA 7).



FIGURA 6



FIGURA 7

6.2. PREGATIREA OPERATIEI DE PERCUTIE

- ROTITI SELECTORUL IN POZITIA "T" PENTRU A OPRI ROTIREA MANDRINEI (VEZI FIGURA 8).
- ROTITI SCALA SELECTORULUI IN POZITIA "T" PENTRU A PREVEDEA ACTIUNEA DE PERCUTIE (VEZI FIGURA 7).



FIGURA 8

6.3. PREGATIREA OPERATIILOR DE GAURIRE

- ROTITI SCALA SELECTORULUI IN POZITIA "T" PENTRU A PREVEDEA ROTIREA MANDRINEI (VEZI FIGURA 6).
- ROTITI SCALA SELECTORULUI IN POZITIA "T" PENTRU A OPRI ACTIUNEA DE PERCUTIE (VEZI FIGURA 9).



FIGURA 9

8. INTRETINEREA CUTIEI CU ANGRENAJE

VERIFICATI INTOTDEAUNA DACA ESTE SUFICIENTA VASELINA IN CUTIA CU ANGRENAJE INAINTE DE FIECARE UTILIZARE.

DESCHIDETI CAPACUL CUTIEI CU ANGRENAJE AFLATA IN PARTEA SUPERIOARA A CIOCANULUI ROTOPERCUTOR FOLOSIND O CHEIE CU BOLTURI (NU ESTE FURNIZATA). APOI TURNATI VASELINA FOLOSIND VASUL DE VASELINA CU CARE ESTE INZESTRAT CIOCANUL ROTOPERCUTOR (VEZI FIGURA 10).

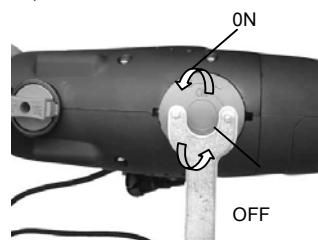
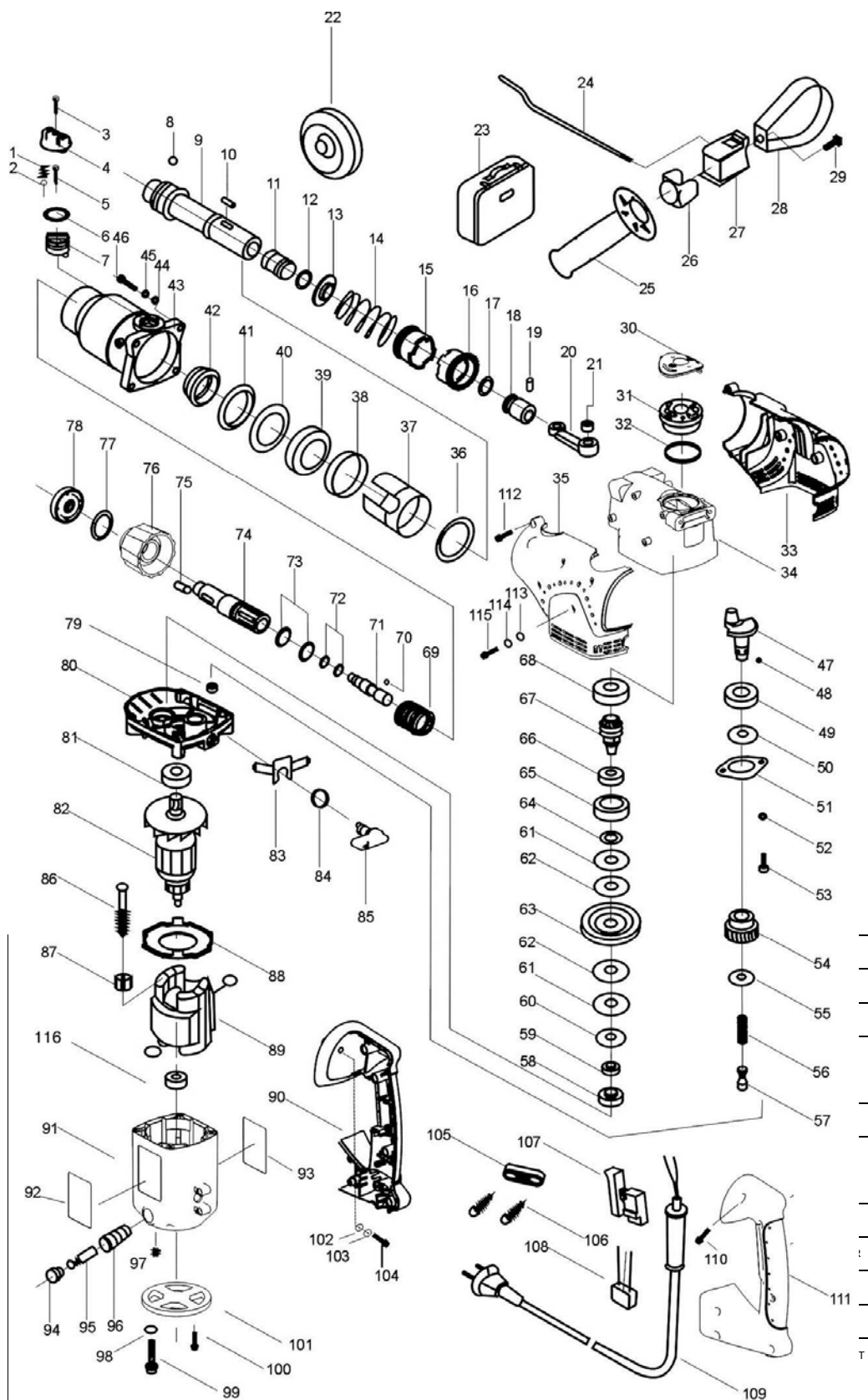


FIGURA 10

PRINCIPALELE DATE TEHNICE

MODEL	Z1C-ST32-28D
PUTERE NOMINALA CONSUMATA	850 W
TENSIUNE / FRECVENTA	230 V - 50 HZ
TURATIA LA MERSUL IN GOL	750 RPM
ROTATII / MINUT	2900 / MIN
CAPACITATEA MAXIMA DE GAURIRE:	
BETON	13 MM
LEMN	40 MM
OTEL	28 MM
NIVEL DE PRESIUNE ZGOMOT	97.0 dB (A)
NIVEL DE PUTERE ZGOMOT	110.0 dB (A)
NIVEL DE VIBRATII	7.82 S/M ²

SCHEMA PARTILOR COMPONENTE



* LISTA PARTILOR COMPONENTE (vezi numerotarea din schema)

NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	BUTTON SPRING	30	CAPAC CUTIE GRESAJ	59	PIULITA SPECIALA	88	DEFLECTOR PENTRU AER
2	BUTTON	31	CUTIE GRESAJ	60	SAIBA ELASTICA	89	STATOR
3	PHILIPS FLAT HEAD SCREW	32	GARNITURA O-RING	61	SIMERING	90	MANER
4	AMMER PICKAXE KNOB	33	CARCASA STANGA	62	SAIBA DE FRECARA	91	CARCASA
5	PHILIPS UNTERSUNK HEAD SCREW	34	CARCASA ANGRENAJULUI	63	ROATA DINTATA 2	92	ETICHETE DE MARCAJ
6	KNOB BASE	35	CARCASA DREAPTA	64	SIMERING	93	ETICHETA DE IDENTIFICARE
7	PULLING SHAFT	36	GARNITURA O-RING	65	RULMENT 6002	94	CAPAC PENTRU PERIILE MOTORULUI
8	BILA DE OTEL	37	BUCSA DISTANTIER	66	DISTANTIER INEL	95	PERIILE MOTORULUI
9	PISTON CONDUS	38	INEL DISTANTIER DIN CAUCIUC	67	AXUL ROTII CONICE	96	SUPPORT DE PERIE
10	PANA	39	RULMENT	68	INEL DE ETANSARE LA CARCASA	97	SURUB SPECIAL
11	PISTON	40	SIMERING (A0	69	ARC	98	SAIBA ELASTICA
12	GARNITURA O-RING	41	INEL DE ETANSARE LA CARCASA	70	BILA DE OTEL	99	SURUB CU CAP HEX. INNECAT
13	TALER PENTRU ARC	42	BUCSA DE CENTRARE	71	PISTONUL CIOCANULUI	100	SURUB CU CAP PHILIPS
14	ARC	43	CARCASA FRONTALA	72	GARNITURA O-RING	101	CAPACUL DI SPATE
15	CUPLAJ	44	SAIBA PLATA	73	GARNITURA O-RING (B)	102	SAIBA PLATA
16	ROATA CONICA	45	SAIBA ELASTICA	74	MANSON DE RETINERE	103	SAIBA ELASTICA
17	GARNITURA O-RING	46	SURUB CU CAP PLAT PHILIPS	75	BILA DE OTEL	104	SURUB PHILIPS CU CAP PLAT
18	PISTON DE PRESIUNE	47	EXCENTRIC	76	CAPAC	105	BRIDA DE FIXARE A CABLULUI
19	BOLTUL PISTONULUI	48	BILA DE OTEL	77	INEL DE RETINERE	106	SURUB CU CAP PHILIPS
20	BIELA	49	RULMENT	78	CAPAC FRONTAL	107	INTRERUPATOR
21	LAGAR	50	SIMERING	79	LAGAR	108	CONDENSATOR
22	APARATOARE DE PRAF	51	CAPAC	80	CAPAC DE MIJLOC	109	CABLU DE ALIMENTARE
23	CUTIE DE PROTECTIE SI TRANSPORT	52	SAIBA ELASTICA	81	RULMENT 6001	110	SURUB CU CAP PHILIPS
24	TIJA DE LIMITARE A ADANCIMII	53	SURUB CU CAP HEX. INNECAT	82	ROTOR	111	CAPACUL MANERULUI
25	MANER AUXILIAR	54	ROATA DINTATA 1	83	ARC DE PRINDERE	112	SURUB CU CAP PHILIPS
26	SOCUL PENTRU MANER	55	SIMERING	84	GARNITURA O-RING	113	SAIBA PLATA
27	SUPORT MANER	56	ARC	85	MANETA CU EXCENTRIC	114	SAIBA ELASTICA
28	PLACA CATARAMA	57	AX DE FIXARE	86	SURUB PENTRU STATOR	115	SURUB PHILIPS CU CAP PLAT
29	SURUB CU CAP PATRAT	58	RULMENT	87	SAIBA ELASTICA	116	GARNITURA O-RING