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Abbreviations

Abbreviation	Description
A/S	Acetylene / Oxygen
ABS	Acrylonitrile-Butadiene-Styrene
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (french)
AG	Silver
AL	Aluminium
AMS	Acetylen-Maxigas-Oxygen
AS	Non-slip
B	Petrol, Gas
BGV	Trade Associations Occupational Health and Safety Regulations
BSP	British Standard Pipe, Standard Withworth Thread as per DIN ISO 228
BSPP	British Standard Pipe Parallel Thread, Cylindrical Pipe Thread
BSPT	British Standard Taper Pipe Thread
BSR	Band Saw Pipe
BSW	British Standard Whithworth
BTU	British Thermal Unit
CE	European Community
CEN	European Committee for Standardization
CFC	Chlorofluorocarbons
CFM	Cubic Feet per Minute
CFT	Constant Force Technology
CL	Channel Lock
CNC	Computerized Numerical Control
CU	Copper
DK	Pressure Class
DN	Diameter Nominal
DVGW	German Association for Gas & Water Applications
DVS	German Association for Welding
EAN	European Article Number
EPT	Enclosed Power Transmission
FE	Iron
FS	Guide Hose
GW	Gas / Water
HCFC	Hydrochlorofluorocarbons
HD	High Pressure
HFC	Hydrofluorocarbons
HFKW	Virgin Hydro Chlorofluorocarbons
HFKW	Virgin Hydrofluorocarbons
HM	Carbide
HRC	High Speed Steel
HSS	High Speed Steel, Schnellarbeitsstahl
HZ	Hertz
IP	International Protection
ISO	International Organization for Standardization
Kcal	Kilocalorie
KSO	Capillary Gap Optimizer
L	Large
LCD	Liquid Crystal Display

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Abbreviations

Abbreviation	Description
LED	Light Emitting Diode
MIM	Metal Injection Molding
MPa	Megapascals
MS	Brass
MSR	Multi-layered Composite Pipe
NM	Newton Metre
NPT	National Pipe Thread (Standard US)
PB	Polybutylene
PD	Power Driver
PD-E	Power Drive-Electronic
PE	Polyethylene
PEX	Cross-linked Polyethylene
PL	Plastic
PP	Polypropylene
PS	Professional
PSI	Pound-Force per Square Inch
PVC	Polyvinyl Chloride
PVDF	Polyvinylidene Fluoride
RC	RODIACUT
SAE	Society of Automotive Engineers
SD-Card	Secure Digital-memory Card
SDR	Standard Dimension Ratio
SMK	Spiral with Plastic Core
SML	Super Metal Delivery Program
SP	Standard Plier
SP	Special Performance
SPK	Standard Plastic Plier
SS	Quick Cut
SW	Spanner Size
TC	Tube Cutter
TFT	Thin-film Transistor
TiN	Titanium Nitride Coating
TPI	Bits per Inch
TRGI	Technical Guidelines for Gas Installations
TRWI	Technical Guidelines for Water Installations
TÜV	Technical Inspection Association
UKS	Orbital Circular Saw
UNC	Unified Coarse Threads
UNF	Unified Fine Thread
VA (Stahl)	Stainless Steel, Corrosion Resistant Steel
VCR	Video Cassette Recording
VDE	Registered Association of the Electrical, Electronic and Information Technology
VPE	Packaging Unit
WG	Hot Gas
ZN	Zinc
ZPZ	Bits per Inch
ZVSHK	German Central Association Plumbing, Heating and Air Conditioning

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Pictograms

Stromversorgung

AC 230 V	AC 115 V	AC 110 V	Three-phase current 400 V	Battery-powered	Cable length 5 m
Battery + AC operation possible	Battery operation	Battery charger			

Arbeitsvorgang

Can be used overhead	Can be used in confined spaces	Suitable for tight spaces	Basic soft soldering up to 450 °C	Hot brazing 450 ° - 1100 °C	Max autogen welding 1100 °C
Fast cut	No deformation from use	Dry drilling	Wet drilling	Up to 50% time-saving	Portable operation
360° rotatable	Fine adjustment of the flame				

Produkteigenschaften

Ergonomic design	Meets DIN standards	VDE approved	Handy	Environmentally friendly	Impact protection
Shock absorption	Sturdy casing	Constant pressure control	Propane control	Oxygen control	Acetylene control
Economy valve	Pressure hose ball valve	Pressure hose length 1.5 m	Pressure hose length 2.5 m	Blowback prevention	Piezo ignition
Bayonet coupling	Push lock	Thread lock	On / off switch	Emergency stop switch	Lock button
LED display	Inspection window	Pressure gauge display adjustable	Pressure gauge class 1 - 6	Pressure gauge 63 mm	Pressure gauge 80 mm
Scale range max. 5 kg	Scale range max. 50 kg	Scale range max. 110 kg	Scale range max. 120 kg	Measuring accuracy up to 1 g	Measuring accuracy up to 10 g
Filling supports	Counter display	Balance point in handle	Transport case	Heed safety warning	Heed industrial safety
Don't sharpen	With USB connection	With video function	With photo function	Memory card	WiFi

ROTHENBERGER Enclosed Power Transmission

The **EPT®-Technology (Enclosed Power Transmission)** of the expander head offers the following technical benefits:

Concealed bent lever:

Protection against dirt and external mechanical damage

Energy efficient through optimised force transmission:

Ergonomic, highly optimised force flow in relation to the hand force of the user, therefore reducing effort



ROTHENBERGER Titannitrid coating

The golden **TiN Coating (Titannitrid-coating)** of the expander head offers the following technical benefits:

High durability 2,300 HV:

Protection against abrasive wear

Lower friction value compared to steel:

Less effort

Good chemical resistance:

Good protection against corrosion

Universal wear resistance:

Long-lasting



ROTHENBERGER Constant Force Technology

The **CFT® (Constant Force Technology)** guarantees a constant axial pressing force over the entire service interval.

A very important requirement for the production of sealed press connections CFT® guarantees:

ROMAX® Compact

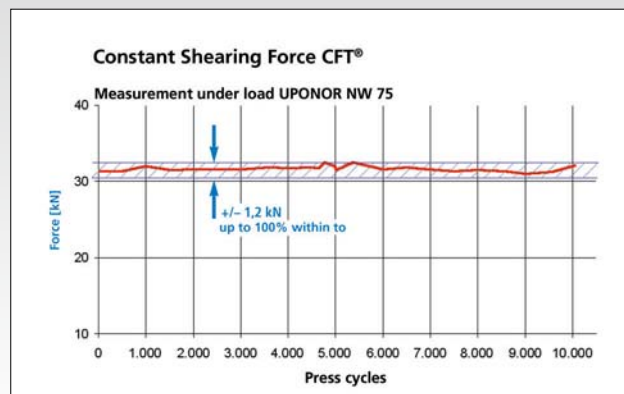
19-21 kN für 10,000 press cycles

ROMAX® AC ECO

32-34 kN für 10,000 press cycles

ROMAX® 3000

32-34 kN für 20,000 press cycles



ROTHENBERGER DURAMAG® Technology

The **DURAMAG® Technology (High Tec Magnesium Body)** offers the following benefits:

- Improved performance
- Higher stability with considerably lower weight

DURA = Durable MAG = Magnesium



Packaging units:

1 (12) = 1 Display, Content 12 pieces

1/12 = packaging units 1 pieces oder 12 pieces

Notes

A series of horizontal dashed lines for writing notes.

Lined area for notes with horizontal dashed lines.

ROTHENBERGER

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