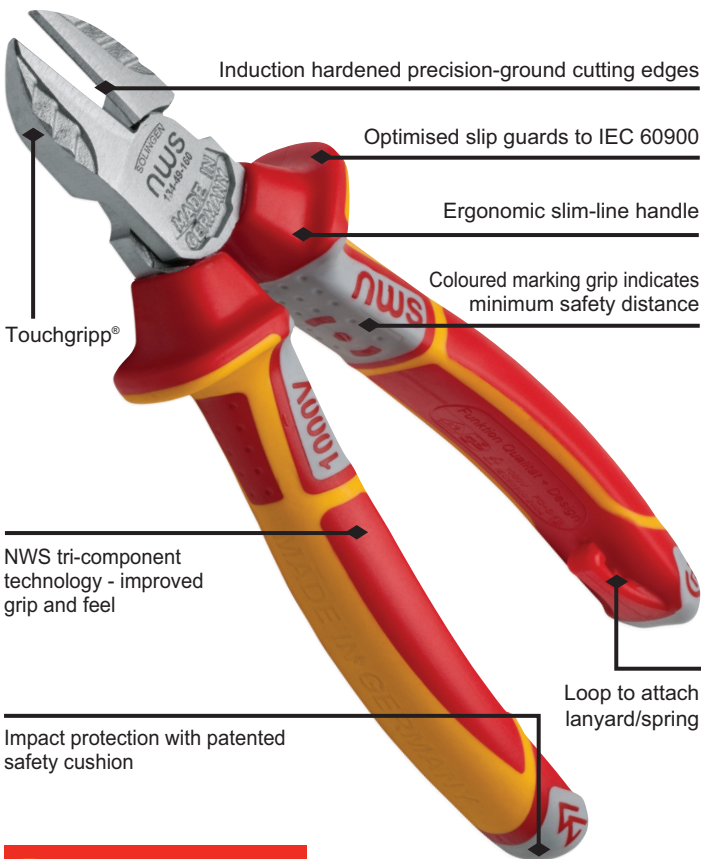




- ◆ Electricians' VDE pliers & cutters
- ◆ End sleeve crimping pliers
- ◆ 3 Series pliers & cutters
- ◆ Waterpump pliers
- ◆ Pincers, nippers, cutters & snips
- ◆ Circlip pliers
- ◆ Electronic pliers

NWS ELECTRICIANS' VDE PLIERS TRI-COMPONENT SOFT-GRIP HANDLE

- ◆ Superior design quality pliers
- ◆ Patented tri-component slim-line VDE handles
- ◆ Ergonomic design improves handling
- ◆ Soft-grip inlay indicates safety distance from working head
- ◆ Impact resistant safety cushion - protects handles when dropped
- ◆ Touchgripp® patented non-slip grip on plier head
- ◆ Hot drop-forged from special alloy tool steel to NWS specification
- ◆ Matt chrome finish for maximum corrosion resistance
- ◆ Precision cutting edges induction hardened, better cutting, longer life
- ◆ Joint and rivet machined and hardened for smooth operation and long life



5-year guarantee
All-weather no-rust



Individually tested to 10,000V

NWS ELECTRICIANS' VDE PLIERS 'HOLE FAMILY' RANGE TRI-COMPONENT SOFT-GRIP HANDLE




Product Code	Description	Profile
N635513	6-in-1 VDE Supercutter 7 1/2"/190mm Shear M3.5 patress screws Precision cutting edges Strip 1.5mm cable Strip 2.5mm cable Bend wire Crimp terminals & end sleeves N1351-49-VDE-190SB	
N609538	5-in-1 VDE CombiMax Pliers 7"/180mm Shear M3.5 patress screws Precision cutting edges Grip nuts & bolts Grip flats & pipes Grip nails & pins N1093-49-VDE-180SB	
N645512	4-in-1 VDE Side Cutters 7"/180mm Side cutter Crimper Wire stripper Cable/flexi stripper N1451-49-VDE-180SB	
N634547	2-in-1 VDE Side Cutters 6 1/4"/160mm Shear M3.5 patress screws Precision cutting edges N1343-49-VDE-160SB	






NWS VDE ERGOCOMBI & ERGOMULTI PLIERS TRI-COMPONENT SOFT-GRIP HANDLE

Product Code	Description	Profile
N609545	7 3/4"/200mm VDE ErgoCombi pliers Cuts: 2.5mm hard wire, 13mm cable N1096-49-VDE-200SB	
N640524	7 3/4"/200mm VDE ErgoMulti pliers Strip: 1.5mm cable, 2.5mm cable N1406-49-VDE-200SB	


NWS VDE SIDE CUTTERS TRI-COMPONENT SOFT-GRIP HANDLE

Product Code	Description	Profile
N634523	61/4"/160mm VDE Side cutters Cuts: 2.5mm hard wire, 11mm cable N134-49-VDE-160SB	 N634523
N634530	7"/180mm VDE Side cutters Cuts: 13mm cable N134-49-VDE-180SB	
N637517	7"/180mm VDE Heavy duty side cutters Cuts: 2.2mm piano wire, 2.8mm hard wire N137-49-VDE-180SB	 N637524
N637524	8"/200mm VDE Heavy duty side cutters Cuts: 2.5mm piano wire, 3.5mm hard wire N137-49-VDE-200SB	
N637531	91/2"/240mm VDE Heavy duty side cutters Cuts: 3.0mm piano wire, N137-49-VDE-240SB	
N638507	8"/200mm VDE Super leverage side cutters Cuts: 3mm piano wire, 3.5mm hard wire -bolts - nails - rivets etc. N138-49-VDE-200SB	

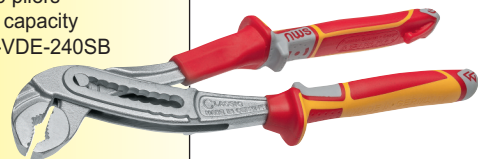
NWS VDE LONG NOSE PLIERS TRI-COMPONENT SOFT-GRIP HANDLE

Product Code	Description	Profile
N640500	63/4"/170mm VDE Long nose pliers Cuts: 1.6mm medium wire, 2.5mm soft wire N140-49-VDE-170SB	 N640517
N640517	8"/205mm VDE Long nose pliers Cuts: 2.2mm hard wire, 3.2mm medium wire N140-49-VDE-205SB	
N641507	63/4"/170mm VDE Long bent nose pliers Cuts: 1.6mm medium wire, 2.5mm soft wire N141-49-VDE-170SB	 N641514
N641514	8"/205mm VDE Long bent nose pliers Cuts: 2.2mm hard wire, 3.2mm medium wire N141-49-VDE-205SB	
N624500	61/4"/160mm VDE Flat nose pliers Serrated jaws N124-49-VDE-160SB	




NWS VDE COMBINATION PLIERS TRI-COMPONENT SOFT-GRIP HANDLE

Product Code	Description	Profile
N611500	53/4"/145mm VDE Combination pliers - high leverage Cuts: 2.0mm hard wire, 10mm cable N111-49-VDE-145SB	 N611524
N611517	7"/180mm VDE Combination pliers - high leverage Cuts: 2.2mm hard wire, 12mm cable N111-49-VDE-180SB	
N611524	8"/205mm VDE Combination pliers - high leverage Cuts: 2.5mm hard wire, 13mm cable N111-49-VDE-205SB	



NWS VDE WATERPUMP PLIERS TRI-COMPONENT SOFT-GRIP HANDLE

Product Code	Description	Profile
N665503	91/2"/240mm VDE ClassicPlus Superwide waterpump pliers 50mm jaw capacity N1651-49-VDE-240SB	

NWS VDE PLIER SETS TRI-COMPONENT SOFT-GRIP HANDLE


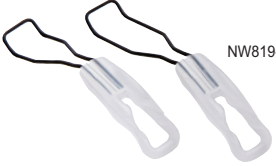
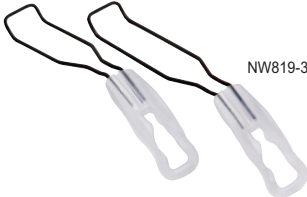

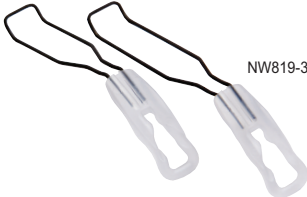

Product Code	Description	Profile
NW860-3K	2 piece VDE plier set Chrome finish 1 x 180mm VDE CombiMax pliers 1 x 160mm VDE Side cutters NW860	
NW782-3K	3 piece VDE plier set 1 x 180mm VDE Combination pliers 1 x 160mm VDE Side cutters 1 x 205mm VDE Long nose pliers NW782	
NW784-3K	3 piece VDE plier set 1 x 180mm VDE Combination pliers 1 x 160mm VDE Side cutters 1 x 160mm VDE Wire stripping pliers NW784	

NWS VDE CABLE CUTTERS TRI-COMPONENT SOFT-GRIP HANDLE

Product Code	Description	Profile
N643501	61/4"/160mm VDE Cable cutters Cuts: 16mm cable N043-49-VDE-160SB	 N643518
N643518	81/4"/210mm VDE Cable cutters Cuts: 25mm cable N043-49-VDE-210SB	
N645505	61/4"/160mm VDE Wire stripping pliers Strips up to 5mm cable N145-49-VDE-160SB	

NWS CLIP SETS & LANYARDS

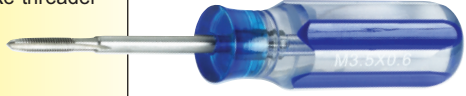


Product Code	Description	Profile
NW819-1	Lanyard clip & connector set For use with all NWS 3k pliers when working at height or over machinery For use with Tri-Component handles only	
NW819-2	Spring-loaded clip set 2 Contains spring sizes 1 & 2 For use with NWS pliers and cutters up to 180mm and all sizes of long nose plier	
NW819-3	Spring-loaded clip set 3 Contains spring sizes 3 & 4 For use with NWS pliers and cutters from 180mm up to 240mm For use with Tri-Component handles only	
		
N900295	Spare plastic lanyard clip For use with Tri-Component handles only	



SWITCH BOX RETHREADERS

- ◆ HSS taps fitted with a moulded handle. For cleaning the threads in fixing holes of socket or switch boxes where threads are malformed or blocked by plaster or cement.


Product Code	Description	Profile
NWS350	3.5mm Re-threader	

NWS END SLEEVE CRIMPING PLIERS



- ◆ For fixing insulated and non-insulated end-sleeves
- ◆ Trapezoid profile pressing for 0.25-16.0mm
- ◆ Drop-forged tool steel
- ◆ Improved leverage for secure fit

Product Code	Description	Profile
N143865	160mm End-sleeve crimping pliers 0.25-2.5mm end sleeves N143-62-160C	
N143889	190mm End-sleeve crimping pliers 0.5-16.0mm end sleeves N143-62-190C	
N143018	160mm End-sleeve crimping pliers set with approx 150 non-insulated end-sleeves from 0.5 to 2.5mm ² N143-TS	
N143032	190mm End-sleeve crimping pliers set Plastic storage box with transparent lid and approx 300 non-insulated end-sleeves from 0.5 to 16.0mm ² N143-BS	

CABLE KNIFE

Product Code	Description	Profile
N204030	Insulated cable knife 50mm hardened stainless steel blade N2040	



NWS SIDE CUTTERS TRI-COMPONENT SOFT-GRIP HANDLE

Product Code	Description	Profile
N134146	5 ³ / ₄ "/145mm Side cutters Cuts: 1.7mm hard wire, 8mm cable N134-69-145C	
N134160	6 ¹ / ₄ "/160mm Side cutters Cuts: 2.0mm hard wire, 11mm cable N134-69-160C	
N134177	7"/180mm Side cutters Cuts: 2.5mm hard wire, 13mm cable N134-69-180C	
N137178	7"/180mm Heavy-duty side cutters Cuts: 2.2mm piano wire, 2.6mm hard wire N137-69-180C	
N137185	8"/200mm Heavy-duty side cutters Cuts: 2.5mm piano wire, 2.8mm hard wire N137-69-200C	
N137246	9 ¹ / ₂ "/240mm Heavy-duty side cutters Cuts: 3.0mm piano wire, 3.5mm hard wire N137-69-240C	
N138175	8"/200mm Super leverage side cutters Cuts: 3.0mm piano wire, 3.5mm hard wire, bolts, nails, rivets etc. N138-69-200C	

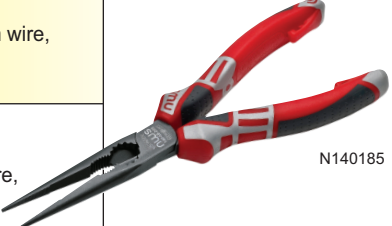
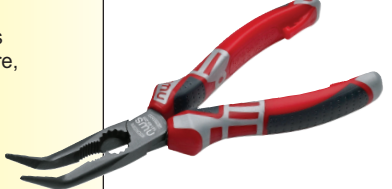

New NWS
clip sets & lanyards
are available for
non-VDE as well as
VDE tri-component
soft-grip handles



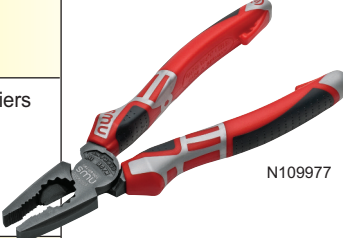
NWS CABLE CUTTERS TRI-COMPONENT SOFT-GRIP HANDLE

Product Code	Description	Profile
N043165	6 ¹ / ₄ "/160mm Cable cutters Cuts: 16mm cable N043-69-160C	
N043202	8 ¹ / ₄ "/210mm Cable cutters Cuts: 25mm cable N043-69-210C	
N145166	6 ¹ / ₄ "/160mm Wire stripping pliers Strips up to 5mm cable N145-69-160C	

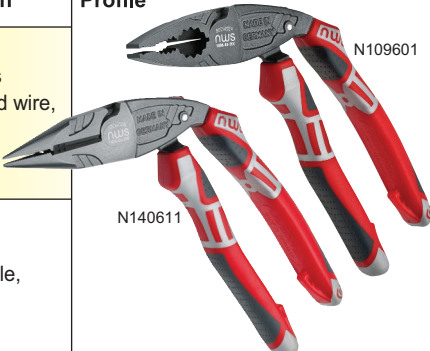
NWS LONG NOSE PLIERS TRI-COMPONENT SOFT-GRIP HANDLE

Product Code	Description	Profile
N140178	6 ³ / ₄ "/170mm Long nose pliers Cuts: 1.6mm medium wire, 2.5mm soft wire N140-69-170C	
N140185	8"/205mm Long nose pliers Cuts: 2.2mm hard wire, 3.2mm medium wire N140-69-205C	
N441084	8"/205mm Long bent nose pliers Cuts: 2.2mm hard wire, 3.2mm medium wire N141-69-205C	
N124178	6 ¹ / ₄ "/160mm Flat nose pliers Serrated jaws N124-69-160C	

NWS CABLE CUTTERS TRI-COMPONENT SOFT-GRIP HANDLE

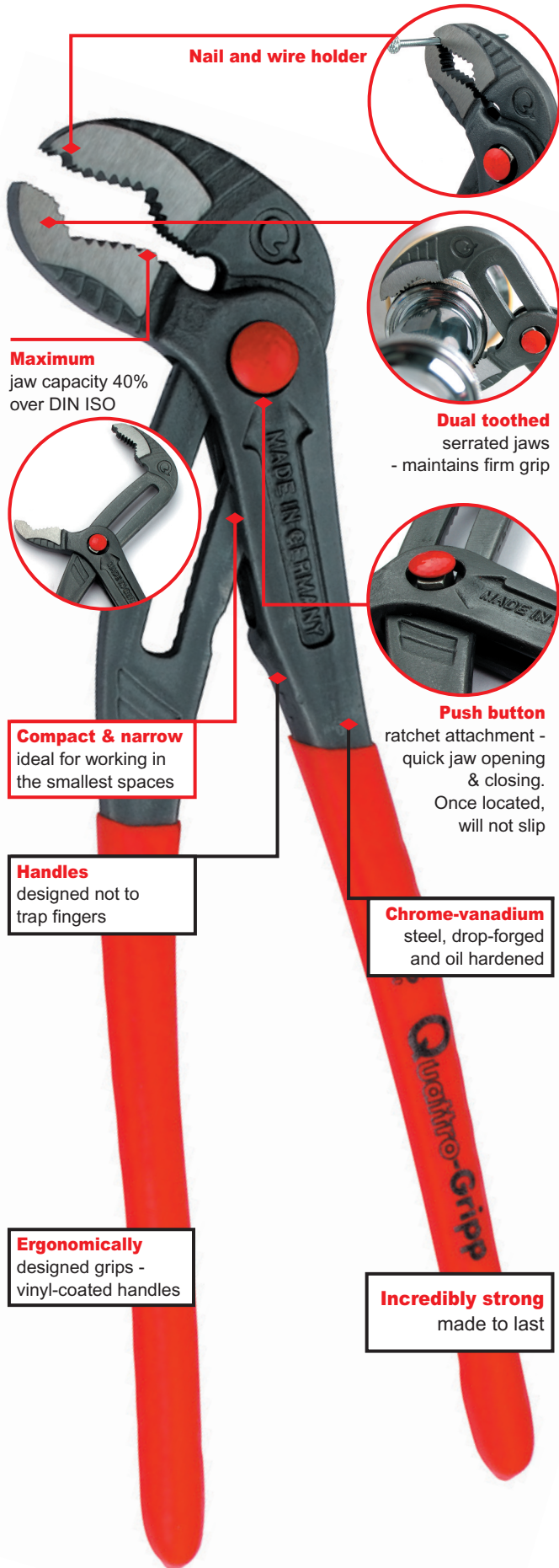
Product Code	Description	Profile
N109960	6 ¹ / ₂ "/165mm Combination pliers high leverage Cuts: 2mm hard wire, 10mm cable N111-69-165C	
N109977	7"/180mm Combination pliers high leverage Cuts: 2.2mm hard wire, 12mm cable N111-69-180C	
N109984	8"/205mm Combination pliers high leverage Cuts: 2.5mm hard wire, 13mm cable N111-69-205C	

NWS ERGOCOMBI & ERGOMULTI PLIERS TRI-COMPONENT SOFT-GRIP HANDLE

Product Code	Description	Profile
N109601	7 ³ / ₄ "/200mm ErgoCombi pliers Cuts: 2.5mm hard wire, 13mm cable N1096-69-200C	
N140611	7 ³ / ₄ "/200mm ErgoMulti pliers Strip: 1.5mm cable, 2.5mm cable N1406-69-200C	

NWS QuattroGripp WATERPUMP PLIERS

Smooth, fast, time-saving single-handed adjustment



Nail and wire holder

Maximum
jaw capacity 40%
over DIN ISO

Dual toothed
serrated jaws
- maintains firm grip

Compact & narrow
ideal for working in
the smallest spaces

Push button
ratchet attachment -
quick jaw opening
& closing.
Once located,
will not slip

Handles
designed not to
trap fingers

Chromium-vanadium
steel, drop-forged
and oil hardened

Ergonomically
designed grips -
vinyl-coated handles


Incredibly strong
made to last

NWS QuattroGripp WATERPUMP PLIERS


Product Code	Description	Profile
N166123	10"/250mm QuattroGripp waterpump pliers 50mm jaw capacity N1661-12-250C	 <p>N166123</p>
N166130	12 1/2"/320mm QuattroGripp waterpump pliers 75mm jaw capacity N1661-12-320C	
N166147	16"/400mm QuattroGripp waterpump pliers 100mm jaw capacity N1661-12-400C	


NWS Maxi MX WATERPUMP PLIERS

- ◆ Maxi MX - the maximum waterpump pliers for easy and safe working
- ◆ Quick precise adjustment and release by pressing the button
- ◆ Handles - red vinyl-coated
- ◆ Chromium-vanadium steel, drop-forged and oil hardened for maximum strength
- ◆ Inverse box joint
- ◆ Handles designed not to trap fingers
- ◆ Micro grinding for easy adjustment
- ◆ Cogs extra induction hardened


Product Code	Description	Profile
N166185	6 3/4"/175mm Maxi MX waterpump pliers 35mm jaw capacity N166-12-180C	 <p>N166291</p>
N166291	10"/250mm Maxi MX waterpump pliers 50mm jaw capacity N166-12-250C	
N166307	12"/300mm Maxi MX waterpump pliers 65mm jaw capacity N166-12-300C	


NWS ClassicPlus SUPERWIDE WATERPUMP PLIERS

Product Code	Description	Profile
N165140	9 1/2"/240mm ClassicPlus Superwide waterpump pliers 50mm jaw capacity N1651-12-240C	




NWS S-PIPE WRENCH

Product Code	Description	Profile
N167120	16"/400mm S-Pipe wrench 100mm jaw capacity N1671-11R-400C	

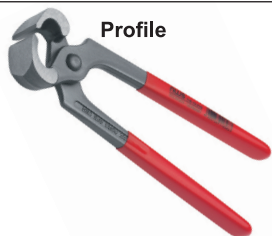


NWS KX TOWER PINCERS

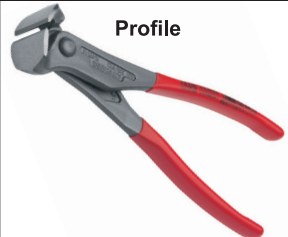
- ◆ KX Tower Pincers require up to 45% less effort compared to similar size tower pincers
- ◆ Small head for confined spaces
- ◆ Longer, curved induction-hardened cutting edges
- ◆ Drop-forged, induction-hardened tool steel
- ◆ Long vinyl-coated handles

Product Code	Description	Profile
N105207	7"/180mm KX0 Tower pincers - Cuts: 2.2mm hard wire - 4.0mm soft wire N115-12-180C	
N105214	9"/230mm KX2 Tower pincers - Cuts: 2.4mm hard wire - 4.2mm soft wire N115-12-230C	
N105290	10 1/4"/260mm KX3 Tower pincers - Cuts: 2.6mm hard wire - 4.2mm soft wire N115-12-260C	
N105221	12"/300mm KX4 Tower pincers - Cuts: 2.8mm hard wire - 4.5mm soft wire N115-12-300C	


NWS CARPENTERS' PINCERS

Product Code	Description	Profile
N118283	8 1/4"/210mm Carpenters' pincers Drop-forged and oil hardened tool steel N118-12-210C	


NWS END CUTTING NIPPERS

Product Code	Description	Profile
N131282	8"/200mm End cutting nippers Cuts: 2.6mm hard wire, 4.0mm soft wire Induction hardened cutting edges Also for tying steel mesh Drop-forged and oil hardened tool steel N131-12-200C	

NWS POWERBOLT HEAVY DUTY END CUTTING NIPPERS


Product Code	Description	Profile
N131121	8"/200mm PowerBolt nippers Reduces cutting effort by over 40% Optimum leverage increases cutting force Cuts: 3.5mm hard wire Through cut facility N1311-12-200C	

NWS COBALT CUTTERS

Product Code	Description	Profile
N159286	8 1/4"/210mm Cobalt cutters Cuts: 1.8mm piano wire, 2.5mm hard wire Induction hardened cutting edges Drop-forged and oil hardened tool steel N159-12-210C	

NWS TIN SNIPS




- ◆ For long, straight cuts
- ◆ Cutting edges induction-hardened for neat, burr-free finish
- ◆ Screw joint
- ◆ Quality steel, drop-forged, oil hardened

Product Code	Description	Profile
N078006	8"/200mm Tin snips 50mm cutting edges Cuts: 1.3mm steel plate N078-12-200C	
N078013	10"/250mm Tin snips 60mm cutting edges Cuts: 1.5mm steel plate N078-12-250C	
N078020	12"/300mm Tin snips 75mm cutting edges Cuts: 1.8mm steel plate N078-12-300C	

NWS CIRCLIP PLIERS




- ◆ Hot drop-forged chrome vanadium steel
- ◆ Fully hardened and tempered
- ◆ Precision-ground with fully hardened points
- ◆ Tips are virtually unbreakable and anti-slip
- ◆ Produced to DIN Standard 5254 for outside circlips (DIN 471 circlips)
- ◆ Produced to DIN Standard 5256 for inside circlips (DIN 472 circlips)

NWS EXTERNAL STRAIGHT NOSE CIRCLIP PLIERS

Product Code	Description	Profile
N175804	5 1/4"/135mm External circlip 3-10mm N175A-62-A0C	  
N175811	5 1/4"/135mm External circlip 10-25mm N175A-62-A1C	
N175828	6 3/4"/175mm External circlip 19-60mm N175A-62-A2C	
N175835	8 3/4"/220mm External circlip 4-100mm N175A-62-A3C	
N175842	12 1/4"/310mm External circlip 85-165mm N175A-62-A4C	




N175828

NWS EXTERNAL BENT NOSE CIRCLIP PLIERS

Product Code	Description	Profile
N175859	5"/125mm External circlip 3-10mm N175B-62-A01C	  
N175866	5"/125mm External circlip 10-25mm N175B-62-A11C	
N175873	6 1/2"/165mm External circlip 19-60mm N175B-62-A21C	
N175484	8"/200mm External circlip 4-100mm N175B-62-A31C	
N175491	11 1/2"/290mm External circlip 85-165mm N175B-62-A41C	




N175873

NWS INTERNAL STRAIGHT NOSE CIRCLIP PLIERS

Product Code	Description	Profile
N178805	5 1/4"/135mm Internal circlip 8-13mm N178C-62-J0C	  
N178812	5 1/4"/135mm Internal circlip 12-25mm N178C-62-J1C	
N178829	6 3/4"/175mm Internal circlip 19-60mm N178C-62-J2C	
N178836	8 3/4"/220mm Internal circlip 40-100mm N178C-62-J3C	
N178843	12 1/4"/310mm Internal circlip 85-140mm N178C-62-J4C	

N178829

NWS INTERNAL BENT NOSE CIRCLIP PLIERS

Product Code	Description	Profile
N178850	5"/125mm Internal circlip 8-13mm N178D-62-J01C	  
N178867	5"/125mm Internal circlip 12-25mm N178D-62-J11C	
N178874	6 1/2"/165mm Internal circlip 19-60mm N178D-62-J21C	
N178881	8"/200mm Internal circlip 40-100mm N178D-62-J31C	
N178898	11 1/2"/290mm Internal circlip 85-140mm N178D-62-J41C	

N178874

NWS ELECTRONIC PLIERS

Designed for computer and high-tech industries - ideal for finishing electronic components, telecommunications, precision mechanics, optical and goldsmithing work.




Perfect jaw geometry enables considerable force to be exerted when cutting wires - without distortion. Precision of the joint guides the jaw - ensuring a smooth cutting action. The special polished micro-finish high quality steel provides a long-lasting cohesive non-reflective and corrosive-resistant surface.

NWS - quality manufacturing ensures high standards of perfection and product safety.










NWS CLASSIC-LINE ELECTRONIC PLIERS (LAP JOINT)

- ◆ For assembling and repairing high-technology electronic equipment
- ◆ Ergonomic design improves handling
- ◆ Well-trie standard programme - lap joint with leaf spring
- ◆ Play-free joint movement
- ◆ Cutting edges - induction-hardened
- ◆ Hand-forged and oil hardened micro-finish steel
- ◆ Surface finely polished - non-reflective and corrosion-resistant
- ◆ Handles red plastic-coated

Product Code	Description	Profile
N126714	4 3/4"/120mm Flat nose pliers Smooth inside jaws for precision work N126A-72-120C	
N126721	4 3/4"/120mm Round nose pliers Smooth inside jaws for bending fine loops N126B-72-120C	
N126431	4 3/4"/120mm Chain nose pliers Smooth inside jaws Edges rounded for gripping small items and forming wires N126C-72-120C	
N126776	4 3/4"/120mm Bent chain nose pliers Tips bent 45° Smooth inside jaws Edges rounded for gripping small items N126G-72-120C	
N126240	4 3/4"/120mm Side Cutter, flush cut Most popular shape for assembly work, trimming printed circuit boards, radio & telephone work N126F-72-120C	
N111734	4 3/4"/120mm Small combination pliers Serrated jaws Cutting edges for soft and hard wires N111-72-120C	









NWS MICRO-LINE ELECTRONIC PLIERS (BOX JOINT)

- ◆ Special line for precision working in small spaces and otherwise inaccessible areas
- ◆ Box joint with double leaf spring
- ◆ Play-free joint movement
- ◆ Cutting edges - induction-hardened
- ◆ Hand-forged and oil hardened micro-finish steel
- ◆ Handles red plastic-coated

Product Code	Description	Profile
N021705	43/8"/110mm Micro flat nose pliers Smooth inside jaws for precision work N021A-72-110C	
N021520	43/8"/110mm Micro round nose pliers Smooth inside jaws for bending fine loops N021B-72-110C	
N021637	43/8"/110mm Micro chain nose pliers Smooth inside jaws Edges rounded for gripping small items and forming wires N021C-72-110C	
N021668	43/8"/110mm Micro side cutter Full flush cut Popular shape for assembly work, trimming printed circuit boards, radio & telephone work N021F-72-110C	
N021682	43/8"/110mm Micro side cutter Extra full flush cut Popular shape for assembly work, trimming printed circuit boards, radio & telephone work N021F-OW-72-110C	
N022740	43/8"/110mm Micro side cutter Full flush cut Slim tapered head (oblique) for precision work N022-72-110C	
N022382	43/8"/110mm Micro side cutter Extra full flush cut Slim tapered head (oblique) for precision work N022-OW-72-110C	

NWS ESD-LINE ELECTRONIC PLIERS (BOX JOINT)

- ◆ For assembling and repairing high technology electronic equipment
- ◆ Bi-component dissipative black/yellow handles - surface resistant 10⁶-10⁸ OHM
- ◆ Latest technology - for use in ESD areas to avoid damage to circuits
- ◆ Ergonomic design improves handling, superb working comfort
- ◆ Double leaf spring
- ◆ High-precision box joint construction guides the jaws with greater accuracy
- ◆ Play-free joint movement
- ◆ Cutting edges have extra induction hardening
- ◆ Hand-forged and oil hardened micro-finish steel
- ◆ Surface finely polished - non-reflective & corrosion resistant
- ◆ ESD handles do **NOT** protect against voltage

Product Code	Description	Profile
N021514	41/2"/115mm Flat nose pliers Smooth inside jaws for precision work N021A-79-ESD-115C	
N021521	41/2"/115mm Round nose pliers Smooth inside jaws for bending fine loops N021B-79-ESD-115C	
N021538	41/2"/115mm Chain nose pliers Smooth inside jaws Edges rounded for gripping small items and forming wires N021C-79-ESD-115C	
N021583	41/2"/115mm Bent chain nose pliers Tips bent 45° Smooth inside jaws Edges rounded for gripping small items N021G-79-ESD-115C	
N021569	41/2"/115mm Side cutter Flush cut Popular shape for assembly work, trimming printed circuit boards, radio & telephone work N021F-79-ESD-115C	
N021576	41/2"/115mm Side cutter Extra full flush cut Popular shape for assembly work, trimming printed circuit boards, radio & telephone work N021F-OW-79-ESD-115C	
N022832	41/2"/115mm Side cutter Flush cut Slim tapered head (oblique) for precision work N022-79-ESD-115C	
N022511	41/2"/115mm Side cutter Extra full flush cut Slim tapered head (oblique) for precision work N022-OW-79-ESD-115C	

ESD - dissipative
WARNING Due to the electric conductivity of the ESD-grip, these tools cannot touch any other power sources without risk of an electric shock.
ESD HANDLES DO NOT PROTECT AGAINST VOLTAGE
Lifetime Guarantee