

# **NITROSET**<sup>®</sup>

SOLID PROPELLANT FASTENING SYSTEM



LEAD-FREE CONCRETE & STRUCTURAL STEEL FASTENING

CATALOG 25.2



# HOW WE BECAME THE LEADER IN SOLID PROPELLANT FASTENING.

Established in 2005, Nitroset embarked on a mission to develop a revolutionary commercial concrete fastening system for interior trades. Our primary goal was to provide a fastening system that excels in hard, high-psi concrete and structural steel substrates. We aimed to help customers improve performance, increase speed of application, reduce installed costs, and improve safety on the jobsite.

Options in the direct fastener market that yielded a high stick rate into high psi concrete at the time were limited. Users would have to resort to pre-drilling anchors to address these needs. The Nitroset system changed this landscape by providing a solution to this problem. Harnessing the power behind our solid propellant, Nitroset created a system that eliminated the use of gun powder and other explosive loads increasing jobsite safety while improving upon application efficiency.

The Nitroset Solid Propellant Fastening System is the go-to-solution for increasing performance and working in restrictive lead-free work environments. Reach out for a demonstration and see why Nitroset is helping contractors succeed.

**NITROSET®**

# VERSATILITY

## OVERHEAD



## SIDEWALL



## TRACK



### ABOUT NITROSET 2

- APPLICATIONS 4
- KEY ADVANTAGES 5

### NITROSET TOOLS 6

- NITROSET NTS805 TOOLS 6-7
- NITROSET EXTENSION POLES & HAND GRIP 8
- NITROSET TOOL KITS 9

### NITROSET FASTENERS 10

- SIDEWALL & TRACK PINS 11
- CEILING FASTENERS 12-13
- PRE-TIED CEILING WIRE/FASTENERS 14
- POWER-DRIVEN S.S. FASTENERS 15
- MECHANICAL & ELECTRICAL FASTENERS 16-17

### SAFETY & REQUIRED PPE 18

### NITROSET PARTS 19

- NITROSET PART KITS 19
- NITROSET PARTS LIST 20
- NITROSET PARTS DIAGRAM 21

### COMPANY OVERVIEW 22

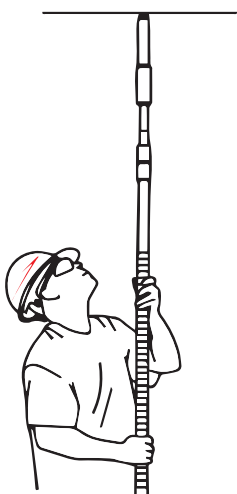
- ABOUT NITROSET / TECHNOLOGY 22
- TRAINING & SUPPORT 23
- CONTACT 24



ONE TOOL DOES IT.

# VERSATILITY

Our Nitroset NTS805 Series Tools (PG. 6-7) attach to either **Nitroset Extension Poles (for overhead)** or **Nitroset Hand Grips & Extensions for Sidewall & Track (PG. 8)**. Utilizing the power of lead-free **Nitroset Solid Propellant Fasteners (PG. 10 - 17)**, our solid propellant fastening system allows users to fasten into hard, high-psi concrete and structural steel in just one shot. No pre-drilling. No need for a separate power load, or setting penetration strength or depth. No overdriving. Simply push the tool against the concrete or structural steel substrate to actuate the fastener. We offer preconfigured **Nitroset Tool Kits (PG. 9)** to get you started, and **Replacement Part Kits (PG. 19)** and **Replacement Parts (PG.20)** to keep you going. Our variety of Nitroset handles makes the system so versatile that only one Nitroset NTS805 Tool is needed for overhead, sidewall and track applications.

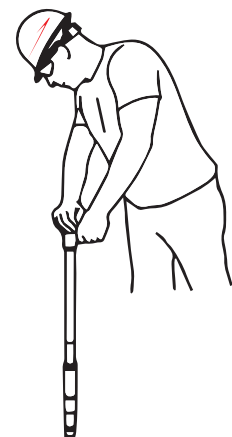
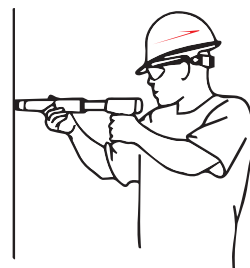


## OVERHEAD

- Attach our wide selection of **2 & 3 Section Extension Poles**, ranging from 4' to 18' in length, to fasten into concrete, structural steel and pan decking from the floor or a solid platform
- Nitroset is a dynamic solution for installing hanger wire or other components used in the acoustical ceiling, mechanical and electrical trades
- Our tools are lightweight and nimble and easy to balance and fit into tight spaces
- Users can store multiple pre-tied wires inside the Extension Pole for efficient operation.
- Lightweight design increases stamina and is easy on the user

## SIDEWALL

- Attach our **Hand Grip** for accurate horizontal fastening into concrete and structural steel
- Ideal for fastening conduit straps, washered pins and other fasteners into sidewalls.
- The **New Composite Outer Sleeve** on the NTS805 provides the added hand protection and comfort when using horizontally



## TRACK

- Attach our **14" Fiberglass Extension to the Hand Grip** to achieve a comfortable working height suitable for reaching floors and fastening track
- Fasten into hard, high-psi concrete in one shot, rather than pre-drilling and installing anchors when facing tough concrete



POWER, NOT POWDER.

# THE NITROSET ADVANTAGE



**NTS805**

VS.



"THE OTHER GUYS"

POWER ACTUATED (NOT POWDER ACTUATED)	POWDER ACTUATED
Uses Nitrocellulose fasteners that are lead-free	Uses .22 Caliber Loads that contain lead
Lowest profile design- Lighter and more nimble - Able to fit into the tightest of spaces	Bulky trigger pull design- Heavier and less nimble- Cannot fit into as many tight spaces
Soft impact- Does not use a piston to drive the fastener and does not recoil the tool. Easier on the user.	Hard impact- Piston driven system with heavy recoil. More strenuous on the user.
Greater stick rate in high-psi concrete. Less spalling and fish-hooking when fastening into hard concrete.	Poor stick rate in high-psi concrete. More spalling and fish hooking when fastening into hard concrete.
Single shot for all application	Collated options available for some applications
<div>Reduces Material</div> <div>Higher Stick Rate</div> <div>Less Labor</div> <div>Higher Efficiency</div> <div>➔</div> <div>Lower In-Place Cost</div>	<div>Added Materials</div> <div>Lower Stick Rate</div> <div>Added Labor</div> <div>Less Efficiency</div> <div>➔</div> <div>Higher In-Place Cost</div>

## ADDED BENEFITS OF NITROSET

FEATURES	BENEFITS
100% Lead-Free	Approved for use on projects with lead restrictions (i.e. Government, Airports, Hospitals, Schools, etc.)
Primer Free	No fines for unspent shots/loads left on the jobsite
Low Hazard- Non-Explosive	Nitroset <b>is not</b> regulated as a class 1 explosive
Nitroset Fasteners <b>do not</b> contain brass	No clean up of spent brass shells and no risk of fines
Vented tool design	Protects overdrive of fasteners
Lightweight and nimble	Reduces user fatigue and is most versatile in areas with difficult access into tight spaces



# NTS805

## S E R I E S T O O L S



**New Nose Piece** design keeps threads outside of the debris cup area making for quick and easy removal and cleaning.

**Simply load a Nitroset Fastener** and you're ready to go. No separate caliber loads or power load/depth adjustment settings. One fastener. One shot. The added **Spall Guard** protects the user and surrounding environment from falling debris.

### WHAT'S NEW

The new 805 Tools builds on the success it's predecessor the 801, and includes new innovations:

- Now available in Standard and Short (S) models
- Newly designed nosepiece
- Composite Outer Sleeve Grip
- Weight reduction
- Newly designed Spall Guards

### HIGHLIGHTS

- Uses lead-free, gunpowder free, Nitroset Fasteners that are non-explosive and safe in restrictive areas
- Penetrates hard, high-psi concrete and structural steel in one shot. No need for different power loads. No overdriving. Excellent stick rate.
- Lightweight, low-profile tool design is easy to use and eases access in tight overhead areas
- Use with Nitroset Extension Poles to reach a multitude of heights without changing poles, and eliminate the need for lifts and ladders when overhead fastening

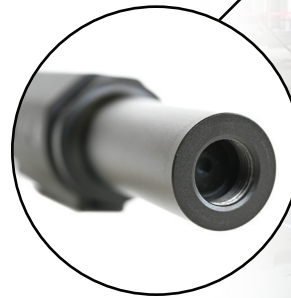




# FOR CONCRETE & STRUCTURAL STEEL



**New Composite Outer Sleeve** provides a comfortable gripping area on the tool, especially after much usage. Changing from aluminum to composite not only helps with heat exchange and dissipation, but the added inner channels keep the tool running smoothly.



**Threaded End** accepts a variety of handles for overhead, sidewall and floor applications.



## APPLICATIONS

- ✓ **Acoustical Ceilings**
- ✓ **Mechanical & Electrical**
- ✓ **Steel Stud Framing Track**

## DESCRIPTION

Nitroset NTS805 Series Solid Propellant Fastening Tools are designed to fasten lead-free Nitroset Fasteners into Concrete and Structural Steel. The 805 Tools are available in two models: Standard (NTS805 - for 7/8" to 1-1/2" pins and clips) and Short (NTS805-S - for 1/2" to 1-1/4" pins and clips). To use both 1/2" and 1-1/2" fasteners on one tool, we suggest purchasing one of our NTS805 Short Tool Kits (PG. 9) and also purchasing a Standard Reset Sleeve (PG. 21, Item Code NTS805-10). Simply swap between the Standard and Short reset sleeves to actuate the desired pin length.





## ◀ TELESCOPING EXTENSION POLES

Our Extension Poles make quick work of adjusting to the height you need to reach. A must for overhead applications, these durable and lightweight time-savers come in four extendable pole options ranging from a minimum of 4' to a maximum of 18'. The internal wire storage compartment provides quick access to pre-tied wire for better efficiency. The extra-long ribbed grip makes holding the handle comfortable and secure at every extension.

Item Code	# of Sections	Min. & Max. Extension	Item Weight	Pack
TOP8V	2	4 ft - 8 ft	5 lbs	1 Pole
TOP12V	2	6 ft - 12 ft	6 lbs	1 Pole
TOP123V	3	4 ft - 8 ft - 12 ft	6 lbs	1 Pole
TOP183V	3	6 ft - 12 ft - 18 ft	8 lbs	1 Pole

## HAND GRIP AND EXTENSION

The Nitroset Hand Grip turns the NTS805 into our most compact fastening solution, and our best tool for sidewall applications. Add the 14" Fiberglass Extension to extend the length and reach floors more comfortably when doing steel stud track installation.



Item Code	Description	Item Weight	Pack
NTS101-19	Hand Grip	7 oz	1 Grip
TOPF-MF14	14" Fiberglass Extension	6 oz	1 Extension



# TOOL KITS

## NTS805-XTP



## Power up with Nitroset Tool Kits

The journey to lead-free fastening into concrete and structural steel begins with a Nitroset Tool Kit. Add some Nitroset Fasteners, and maybe an Extension Pole (if you need one for overhead work), and you're off.

*When choosing between our Tool Kit options, you need to decide a couple of things:*

- 1. Will you need to install 1-1/2" pins/clips?** Our **Standard Tool Kits** are for use with 7/8" to 1-1/2" pins/clips, whereas our **Short Tool Kits** are designed for 1/2" to 1-1/4" pins/clips (and will not work with 1-1/2").
- 2. Will you ever want to use the tool horizontally (i.e. for sidewall applications), or for floor applications (like steel stud track)?** If so, choose one of our kits that includes the Hand Grip & 14" Fiberglass Extension. These handles are ideal for sidewall and track applications. To do overhead work, like hanging Acoustical/Suspended Ceiling Wire, you will need to purchase a Telescoping Extension Pole separately (PG. 8).

**All Kits Include:** (1) Nitroset Tool Case, (1) NTS805 Tool (Standard or Short), Cleaning Brushes and Cleaning Lubricant, Wrenches, Safety Glasses, and an Operations Manual (which you are required to read before using the tool).

Item Code	Description	For Use With	Pack	Case
<b>NTS805-X</b>	Nitroset NTS805 Standard Tool Kit*	7/8" to 1-1/2" pins/clips	1 Kit	4 Kits
<b>NTS805-XTP</b>	Nitroset NTS805 Standard Tool Kit* w/ Hand Grip & 14" Fiberglass Extension	7/8" to 1-1/2" pins/clips	1 Kit	4 Kits
<b>NTS805-S-X</b>	Nitroset NTS805 Short Tool Kit*	1/2" to 1-1/4" pins/clips	1 Kit	4 Kits
<b>NTS805-S-XTP</b>	Nitroset NTS805 Short Tool Kit* w/ Hand Grip & 14" Fiberglass Extension	1/2" to 1-1/4" pins/clips	1 Kit	4 Kits

\*Tool Kit does not include Telescoping Extension Pole. Pole(s) must be purchased separately.

**NITROSET®**

FOR CONCRETE & STRUCTURAL STEEL

# FASTENERS

**Nitroset Solid Propellant Fasteners** are engineered to fasten into hard, high-psi concrete and structural steel in one shot, without the use of gunpowder or other dangerous explosives. Our lead-free fasteners are preferred on jobsites with lead restrictions, but not just because of their safety and low hazards. Thanks to our innovative and patented solid propellant fastening technology, Nitroset fasteners stick strong when competitors fail to penetrate, spall or fishhook. Our fasteners are fully assembled, and consist of strong steel shank, nitrocellulose charge, and are available with a number of clip options. No need for different power loads. Nitroset Fasteners all utilize the same load strength, set flush, and do not overdrive.



- Lead-free, primer-free, non-explosive Nitroset fasteners are safe to use in high security and lead-free zones such as schools, hospitals, airports, military bases and government facilities.
- Nitroset fasteners are brass-free; eliminating fines and costs related to policing and storing other manufacturers' brass loads on the jobsite.





# SIDEWALL & TRACK PINS

A variety of pins engineered to attach elements, such as track, metal lath and more, to concrete and/or structural steel.



## TRACK PINS

**Application:** For attaching metal track to concrete.



Item Code	Description	Pack	Case
<b>PIN319</b>	3/4" X 0.145 Track Pin	1000 pc	10,000 pc
<b>PIN222</b>	7/8" X 0.125 Nitro Track Pin	500 pc	5,000 pc

## WASHERED PINS

**Application:** For attaching elements, such as metal lath, to concrete.



Item Code	Description	Pack	Case
<b>PIN222W</b>	7/8" X 0.125 Nitro Track Pin w/ 9/16 Washer	500 pc	5,000 pc
<b>PIN532W</b>	1-1/4" Nitro Step Shank Pin w/ Washer	100 pc	1,000 pc

### ALLOWABLE LOADS FOR NITROSET ASSEMBLIES INSTALLED INTO NORMAL-WEIGHT CONCRETE (lbf)

ASSEMBLY	EMBEDMENT DEPTH (INCHES)	CONCRETE COMPRESSIVE STRENGTH & LOAD DIRECTION					
		4,000 PSI			6,000 PSI		
		Tension	Shear	45-Degree	Tension	Shear	45-Degree
<b>PIN222</b>	3/4	100	200	-	205	100	-
<b>PIN525</b>	13/16	180	195	-	205	185	-
<b>PIN532</b>	1-1/16	250	355	-	200	215	-

For SI: 1 inch = 25.4 mm; 1 lbf = 4.4 N; 1 psi = 6895 Pa.

<sup>1</sup> Fasteners must not be driven until the concrete has reached the specified compressive strength.

<sup>2</sup> Concrete thickness at the point of penetration must be a minimum of three times the embedment depth.

## KNURL PINS

**Application:** Knurled shank. For attaching elements to structural steel.



Item Code	Description	Pack	Case
<b>PIK313</b>	1/2" X 0.145 Knurl Pin*	500 pc	5,000 pc
<b>PIK316</b>	5/8" X 0.145 Knurl Pin*	500 pc	5,000 pc

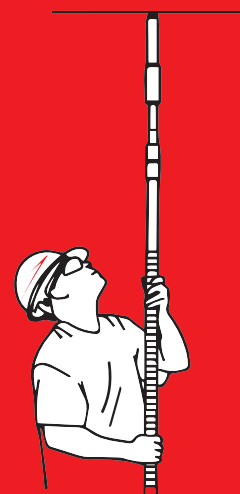
**NOTE:** \*1/2" and 5/8" pins require the Short NTS805-S Tool, which is equipped with the NTS805-10-S Short Reset Sleeve. These short Knurl Pins will not actuate properly in the Standard NTS805 Tool (or on a tool with the NTS805-10 Standard Reset Sleeve installed).

# CEILING FASTENERS

- ✓ Nitroset Fasteners are ideal for ceiling structures
- ✓ Our Heavy Duty Pins & Clips offer optimum consistency and holding value into tough concrete
- ✓ Ideally suited for high-volume applications due to our one step fastening actuation
- ✓ Pre-tied assemblies available for ceiling wire

Nitroset Fasteners have been specifically designed to support ceiling structures. Our Heavy-Duty Step Shank Pins & Clips offer optimum consistency and holding value into the toughest jobsite applications. The Heavy-Duty Pencil Rod Pins & Clips have extended length clips to make quick work of pencil rods installation in one single fastening. Our Ceiling Pins & Clips are ideal for electricians and high-volume ceiling applications.

From everyday scenarios to the toughest applications count on Nitroset to deliver the clip assembly for your next project.





# CEILING PINS & CLIPS

A variety of pins engineered to attach elements, such as track, metal lath and more, to concrete and/or structural steel.



CLU222



CLD90

## CEILING PINS & CLIPS

**Application:** For vertical attachment of tire wire, chain, cable, or other fastening support to concrete or structural steel base materials.



Item Code	Description	Pack	Case
<b>CLU222</b>	7/8" X 0.125 Pin w/ 120 Degree Clip	100 pc	1,000 pc
<b>NIT-CLD90-222</b>	7/8" X 0.125 Pin w/ 90 Degree Clip	100 pc	1,000 pc
<b>NIT-CLD90-525</b>	1" Step Shank Pin w/ 90 Degree Clip	100 pc	1,000 pc
<b>NIT-CLD90-532</b>	1-1/4" Step Shank Pin w/ 90 Degree Clip	100 pc	1,000 pc

## HEAVY DUTY STEP SHANK PINS & CLIPS

**Application:** For wire suspension, hanging acoustical ceiling systems or other overhead fixtures and applications such as hanging lights.



Item Code	Description	Pack	Case
<b>CLAS525</b>	1" Step Shank Pin w/ Nitro Clip	100 pc	1,000 pc
<b>CLAS532</b>	1-1/4" Step Shank Pin w/ Nitro Clip	100 pc	1,000 pc

## HEAVY DUTY PENCIL ROD PINS & CLIPS

**Application:** For pencil rod and wire suspension hanging acoustical ceiling systems or other overhead fixtures and applications such as hanging lights.



Item Code	Description	Pack	Case
<b>NIT-CLD90XL-525</b>	1" Step Shank Pin w/ Extra Long Clip	100 pc	1,000 pc
<b>NIT-CLD90XL-532</b>	1-1/4" Step Shank Pin w/ Extra Long Clip	100 pc	1,000 pc

### ALLOWABLE LOADS FOR NITROSET ASSEMBLIES INSTALLED INTO NORMAL-WEIGHT CONCRETE (lbf) <sup>1,2</sup>

ASSEMBLY	EMBEDMENT DEPTH (INCHES)	CONCRETE COMPRESSIVE STRENGTH & LOAD DIRECTION					
		4,000 PSI			6,000 PSI		
		Tension	Shear	45-Degree	Tension	Shear	45-Degree
<b>CLU222</b>	Controlled by clip thickness	120	165	120	115	276	209
<b>CLAS525</b>		158	242	151	163	184	168
<b>CLAS532</b>		150	147	213	171	146	152

For SI: 1 inch = 25.4 mm; 1 lbf = 4.4 N; 1 psi = 6895 Pa.

<sup>1</sup> Fasteners must not be driven until the concrete has reached the specified compressive strength.

<sup>2</sup> Concrete thickness at the point of penetration must be a minimum of three times the embedment depth.

# PRE-TIED WIRE

Nitroset Fasteners can be pre-tied to wire for use on many types of ceiling structures including grid and tiles, light fixtures, wiring harnesses; and other custom electrical and mechanical assemblies.

Nitroset stocks a wide selection of pre-tied wires. 12 gauge wire with 7/8", 1" and 1-1/4" size fastener assemblies in standard lengths are readily available for expedited shipping. Custom options are available upon request to meet specific jobsite needs (See below).

Our pre-tied wires come bundled in custom steel crates that are easy to handle and effectively protect the material during transit. Always store pre-tied wire indoors and keep them dry.



## CUSTOM OPTIONS

Custom lengths, gauges and ties available:

- 8 or 9 gauge wire options (12 gauge standard)
- Stainless Steel Wire
- Double-Tie Wire

Need something else custom? Just ask.





**WE NAILED IT.**  
**NO DRILLING. NO ANCHORS.**

***POWER-DRIVEN***  
**STAINLESS STEEL FASTENERS**



**FOR HIGH-PSI CONCRETE**

**MADE IN THE U.S.A.**

**NAILING THE HARDEST JOBS REQUIRES  
THE HARDEST WORKING FASTENERS.**

Penetrate into high-psi precast concrete in one shot with **Nitroset Power-Driven Stainless Steel Fasteners**, just like we did in the SR-99 Tunnel in Seattle, WA.

- Power-Driven system for 9,000 – 12,000 psi concrete
- Ideal for installing metal lath to precast
- High corrosion resistant stainless steel pins
- Custom S.S. washers, clips and threaded fasteners
- No drilling or anchoring, just nail it.

**NITROSET®**



# MECHANICAL & ELECTRICAL



## THREADED ROD HANGERS



**Application:** For vertical attachment of threaded rod to concrete or structural steel base material.

Item Code	Description	Pack	Case
<b>CLR14-222</b>	1/4"-20 Threaded Rod Hanger w/ 7/8" x 0.125 Pin	100 pc	1,000 pc
<b>CLR38-222</b>	3/8"-16 Threaded Rod Hanger w/ 7/8" x 0.125 Pin	100 pc	1,000 pc



## HEAVY DUTY THREADED ROD HANGERS



**Application:** For heavy-duty vertical attachment of threaded rod to concrete and structural base material.

Item Code	Description	Pack	Case
<b>CLRHD14-525</b>	1/4"-20 Heavy Duty Threaded Rod Hanger w/ 1" Step Shank Pin	100 pc	1,000 pc
<b>CLRHD38-525</b>	3/8"-16 Heavy Duty Threaded Rod Hanger w/ 1" Step Shank Pin	100 pc	1,000 pc



## BRIDLE RING CLIP ASSEMBLIES

**Application:** For hanging low voltage cable.

Item Code	Description	Pack	Case
<b>CLR14222-BRT114</b>	1/4"-20 Threaded Rod Clip & 7/8" Pin w/ 1-1/4" Bridle Ring Combo	100 pc	1,000 pc
<b>CLR14222-BRT2</b>	1/4"-20 Threaded Rod Clip & 7/8" Pin w/ 2" Bridle Ring Combo	100 pc	1,000 pc



## High production overhead fastening has never been easier.

Custom pre-assembled hangers can be installed directly from the floor without the need for manlifts or ladders. Save labor and add value when you fasten with Nitroset.

### ONE-HOLE STRAP



**Application:** For multi-position (floor, wall or ceiling) attachment of electrical conduit or armored cable to concrete or structural steel base material.



Item Code	Description	Pack	Case
CLC38-222	3/8" One-Hole Strap w/ 7/8" X 0.125 Pin	100 pc	1,000 pc
CLC12-222	1/2" One-Hole Strap w/ 7/8" X 0.125 Pin	100 pc	1,000 pc
CLC34-222	3/4" One-Hole Strap w/ 7/8" X 0.125 Pin	100 pc	1,000 pc
CLC1E-222	1" One-Hole Strap w/ 7/8" X 0.125 Pin	50 pc	500 pc

### CABLE TIE CLIP ASSEMBLY

**Application:** For installing or securing electrical fittings or cable to concrete. Uses a standard cable tie up to 3/8" width.



Item Code	Description	Pack	Case
CLT222	Cable Tie Clip w/ 7/8" X 0.125 Pin	100 pc	1,000 pc

### THREADED STUDS

**Application:** For attaching electrical components to concrete where removability of the component is required.



Item Code	Description	Pack	Case
STT114W	1/4" Threaded Stud w/Wash (1-1/4" Length*, 7/8" Shank)	100 pc	1,000 pc

**NOTE:** \*1-1/4" length fasteners require the Standard NTS805 Tool, which is equipped with the NTS805-10 Standard Reset Sleeve. 1-1/4" length fasteners will not actuate properly in the Short NTS805-S Tool (or on a tool with the NTS805-10-S Short Reset Sleeve installed).

# PPE REQUIRED.

Proper personal protective equipment is required before operating the Nitroset Solid Propellant Fastening System. A Hard Hat, Safety Glasses, Ear Protection, Safety Gloves and Work Boots are required. We recommend wearing a Safety Vest and following all other job site requirements.



Hard Hat

Safety Glasses  
or Face Shield

Ear Protection

Safety Vest

Safety Gloves

Spall Guard  
required

Work Boots



## WARNING

**DO NOT** operate any Nitroset Tool unless you have completely read and understood the full contents of the tool's Operation & Safety Manual.

Please visit [Nitroset.com](http://Nitroset.com) to download an Operation & Safety Manual, access our Technical Library, FAQs, Tool Maintenance Videos and more.

Contact us for help.

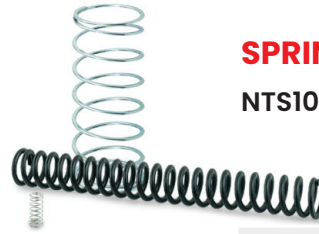




### CLEANING KIT

NTS101-20-KIT

NTS101-22	Wire brush
NTS101-23	Strike-Hold Degreaser
NTS101-24	Microfiber Cloth



### SPRING KIT

NTS101-20-KIT2

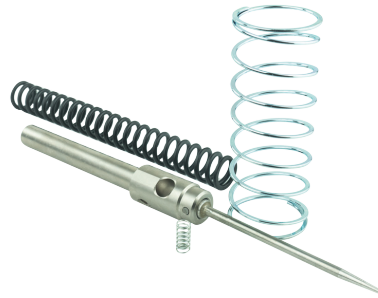
NTS101-5	Trigger Ball Spring
NTS101-9	Firing Spring
NTS101-11	Reset Spring



### REPAIR KIT

NTS101-20-KIT3

NTS101-4	Firing Pin
NTS101-5	Trigger Ball Spring
NTS101-8	Roll Pin
NTS101-9	Firing Spring
NTS101-11	Reset Spring



### FIRING PIN ASSEMBLY & SPRING KIT

NTS101-20-KIT4

NTS101-4	Firing Pin
NTS101-5	Trigger Ball Spring
NTS101-6	Firing Pin Holder
NTS101-8	Roll Pin
NTS101-9	Firing Spring
NTS101-11	Reset Spring



### COMPLETE REBUILD KIT

NTS101-20-KIT5

NTS101-4	Firing Pin
NTS101-5	Trigger Ball Spring
NTS101-6	Firing Pin Holder
NTS101-7	Trigger Ball Release
NTS101-8	Roll Pin
NTS101-9	Firing Spring
NTS101-11	Reset Spring
NTS101-12	Main Assembly Pin



### 805 CONVERSION KIT

NTS805-CNV

NTS805-1	Muzzle
NTS805-2	Debris Cup
NTS805-3	Firing Pin Guide
NTS805-10	Reset Sleeve
NTS805-29	Nosepiece Rubber Gasket

# NTS805



**2" No-Cut Spall Guard**  
NTS101-0-SR



**3" Full-Cut Spall Guard**  
NTS101-0-C



**3.5" Spall Guard**  
NTS101-0-CLAS



**Spall Guard Clip**  
NTS101-0-U



**Muzzle**  
NTS805-1



**Debris Cup**  
NTS805-2



**Firing Pin Guide**  
NTS805-3



**Firing Pin**  
NTS101-4



**Trigger Ball Spring**  
NTS101-5



**Firing Pin Holder**  
NTS101-6



**Trigger Ball Release**  
NTS101-7



**1/8" Roll Pin**  
NTS101-8



**Firing Spring**  
NTS101-9



**Reset Sleeve**  
(STANDARD) NTS805-10  
(SHORT) NTS805-10-S



**Reset Spring**  
NTS101-11



**1/4" Main Assembly Pin**  
NTS101-12



**Trigger Body**  
Not sold separately



**Outer Cover Sleeve**  
NTS805-14



**End Cap**  
NTS101-15



**Buffer**  
NTS101-16



**Red Adapter**  
NTS805-17-A



**Nosepiece Rubber Gasket**  
NTS805-29-U



**14" Fiberglass Extension**  
TOPF-MF14

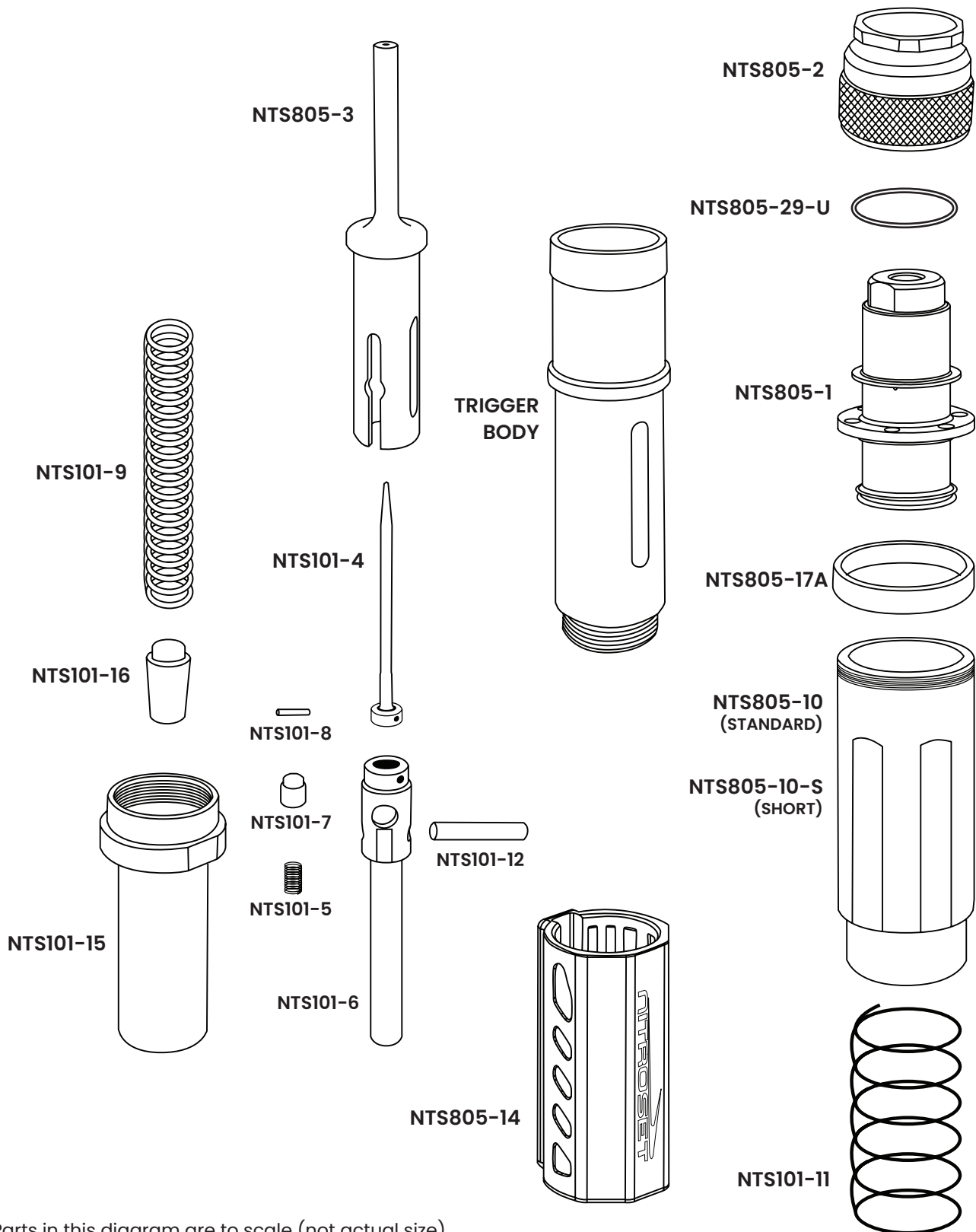


**Hand Grip\***  
NTS101-19

\*These parts are included in the NTS805 Triple Play Tool Kits.



# NTS805



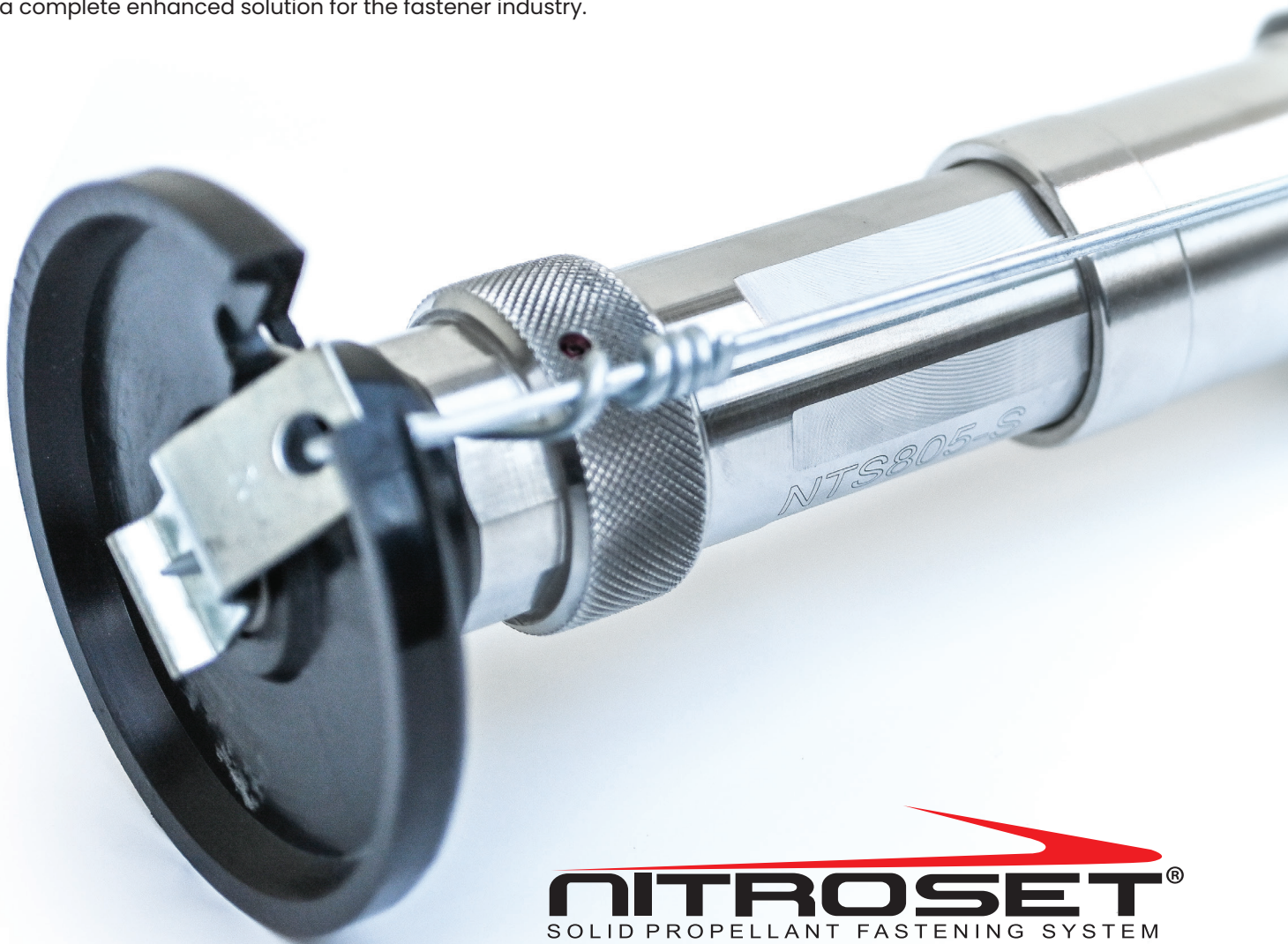
Parts in this diagram are to scale (not actual size).

## ABOUT NITROSET

Nitroset, LLC, headquartered in Houston, Texas, U.S.A., specializes in providing high-quality fastening solutions. The Nitroset solid propellant fastening system is an innovative fastening solution that offers superior performance into normal to hard aggregate concrete surfaces and structural steel.

## TECHNOLOGY

The Nitroset system harnesses the energy of the Nitroset solid propellant to drive fasteners into concrete and structural steel rather than using traditional primer and gunpowder loads. The system is 100% lead-free in compliance with OSHA (CFR 1926.62) and no-lead worksite requirements. It is classified as non-explosive allowing for standard shipping and storage of the fasteners. The result is a system that stresses operations and environmental safety. Nitroset delivers a complete enhanced solution for the fastener industry.



**NITROSET**<sup>®</sup>  
SOLID PROPELLANT FASTENING SYSTEM



## TRAINING & SUPPORT

Nitroset offers a wealth of training and support, from Operations Manuals and Disassembly/Assembly Videos, to In-Person Demonstrations and Live Training. Our national team of sales and technical representatives, as well as, our many dealers and distributors, are here to help your team succeed and stay safe while experiencing the benefits of our innovative fastening technology. Please visit our website for more information and reach out at any time. Our contact information is on the back.





# **NITROSET®**

SOLID PROPELLANT FASTENING SYSTEM



## **CONNECT WITH US**

We are here to help with anything you may need. Please don't hesitate to reach out. Thank you!

**Hours of Operation**  
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