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SAFE TOOLS FOR DANGEROUS AREAS NO SPARKS, JUST PERFORMANCE

ATEX IMPACT WRENCHES

SAFE TOOLS FOR DANGEROUS AREAS

No Sparks, Just Performance



SAFETY HAS NEVER FELT THIS STRONG



Unleash Power and Safety in Explosive Zones

Discover the new Red Rooster ATEX Impact Wrenches, engineered for those who work where safety is non-negotiable. Whether you're in the oil & gas industry or a chemical plant, these tools are your go-to for powerful, reliable performance in explosive environments. With the trusted ATEX classification EX II 3G IIB T4 / EX II 3D IIB 135°C, you're equipped to tackle

the toughest jobs with total confidence. At the heart of this series is the revolutionary Mechnoneer impact mechanism, built for extreme durability while dramatically reducing vibrations and noise. That means less fatigue, more comfort and maximum control.

Combined with high breakaway torque, these wrenches deliver the muscle and precision you need to keep your operations running smoothly.

Your All-in-One Safety Solution

Pair your Red Rooster Impact Wrench with our ATEX Impact Sockets and unlock the full potential of your setup. This powerful combo doesn't just meet safety standards, it raises them. Reduce risks, increase efficiency, and keep your team protected while performing at their best.

| Type | Square drive | Version | Bolt capacity mm | Impact mechanism | RPM | Torque Nm | Breakloose torque Nm | Power adjust. | Air cons. l/s | Weight kg | Inlet thread | Hose diameter mm |
|---------------|--------------|---------|------------------|------------------|------|-----------|----------------------|---------------|---------------|-----------|--------------|------------------|
| RRI-1400M-EX | 1/2" | R | 14 | Mechoneer | 9000 | 470 | 1200 | R 2 Pos | 8,5 | 1,3 | PT 1/4" | 6,5 |
| RRI-2100M-EX | 1/2" | R | 20 | Mechoneer | 7500 | 1000 | 1850 | L/R 2 Pos | 12 | 2,0 | PT 1/4" | 10 |
| RRI-2500M-EX | 3/4" | R+H | 24 | Mechoneer | 5500 | 2000 | 2700 | L/R 2 Pos | 16 | 3,5 | PT 1/4" | 13 |
| RRI-3700M-EX | 1" | R+H | 36 | Mechoneer | 4300 | 2300 | 3120 | L/R 3 Pos | 20 | 6,8 | PT 1/2" | 13 |
| RRI-3700ML-EX | 1" | R+H | 36 | Mechoneer | 6000 | 2700 | 3390 | L/R 3 Pos | 20 | 9,2 | PT 1/2" | 13 |

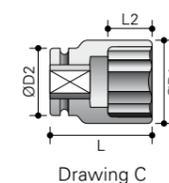
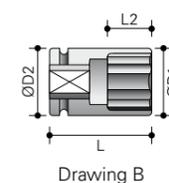
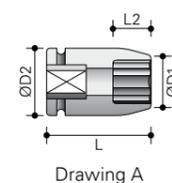
Spark proof impact sockets

The ATEX Impact Sockets are made of aluminum bronze, which is shock-resistant and wear-resistant and of course also provides the possibility to work in an ATEX environment.



SPARK PROOF IMPACT SOCKETS 1/2"

| Type | mm | Drawing | D1 mm | D2 mm | L mm | L2 mm |
|-----------------|----|---------|-------|-------|------|-------|
| D02012-0-013-EX | 13 | A | 21,5 | 25 | 40 | 8 |
| D02012-0-014-EX | 14 | A | 22,5 | 25 | 40 | 10 |
| D02012-0-015-EX | 15 | A | 24 | 30 | 40 | 10 |
| D02012-0-016-EX | 16 | A | 25 | 30 | 40 | 10 |
| D02012-0-017-EX | 17 | A | 26,5 | 30 | 40 | 10 |
| D02012-0-018-EX | 18 | A | 27,5 | 30 | 40 | 12 |
| D02012-0-019-EX | 19 | A | 29 | 30 | 40 | 12 |
| D02012-0-020-EX | 20 | B | 30 | 30 | 40 | 12 |
| D02012-0-021-EX | 21 | C | 31,5 | 30 | 40 | 14 |
| D02012-0-022-EX | 22 | C | 32,5 | 30 | 40 | 14 |
| D02012-0-023-EX | 23 | C | 34 | 30 | 40 | 14 |
| D02012-0-024-EX | 24 | C | 35 | 30 | 45 | 16 |
| D02012-0-025-EX | 25 | C | 36,5 | 30 | 45 | 16 |
| D02012-0-026-EX | 26 | C | 37,5 | 30 | 45 | 16 |
| D02012-0-027-EX | 27 | C | 39 | 30 | 48 | 18 |
| D02012-0-028-EX | 28 | C | 40 | 30 | 48 | 18 |
| D02012-0-029-EX | 29 | C | 41,5 | 30 | 48 | 18 |
| D02012-0-030-EX | 30 | C | 42,5 | 30 | 48 | 20 |
| D02012-0-032-EX | 32 | C | 45 | 30 | 50 | 22 |



SPARK PROOF IMPACT SOCKETS 1"

| Type | mm | Drawing | D1 mm | D2 mm | L mm | L2 mm |
|-----------------|----|---------|-------|-------|------|-------|
| D04010-0-024-EX | 24 | A | 42,5 | 54 | 60 | 16 |
| D04010-0-027-EX | 27 | A | 46,5 | 54 | 60 | 18 |
| D04010-0-030-EX | 30 | A | 50 | 54 | 62 | 20 |
| D04010-0-032-EX | 32 | A | 52,5 | 54 | 63 | 22 |
| D04010-0-033-EX | 33 | B | 54 | 54 | 63 | 22 |
| D04010-0-034-EX | 34 | C | 55 | 54 | 63 | 22 |
| D04010-0-036-EX | 36 | C | 57,5 | 54 | 67 | 24 |
| D04010-0-038-EX | 38 | C | 60 | 54 | 67 | 24 |
| D04010-0-041-EX | 41 | C | 64 | 54 | 70 | 27 |
| D04010-0-046-EX | 46 | C | 70 | 54 | 76 | 30 |
| D04010-0-050-EX | 50 | C | 75 | 54 | 82 | 33 |
| D04010-0-055-EX | 55 | C | 81,5 | 54 | 87 | 36 |
| D04010-0-060-EX | 60 | C | 87,5 | 54 | 91 | 39 |
| D04010-0-065-EX | 65 | C | 94 | 54 | 95 | 39 |
| D04010-0-070-EX | 70 | C | 100 | 54 | 100 | 40 |

RET RING

| Type | Square Drive | Ød1 mm | D2 mm | L1 mm |
|---------|--------------|--------|---------|-------|
| DOESR-2 | 3/4" | 4,8 | 41 ~ 57 | 32 |
| DOESR-3 | 1" | 5,4 | 44 ~ 67 | 36 |



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ATMOSPHÈRES EXPLOSIBLES

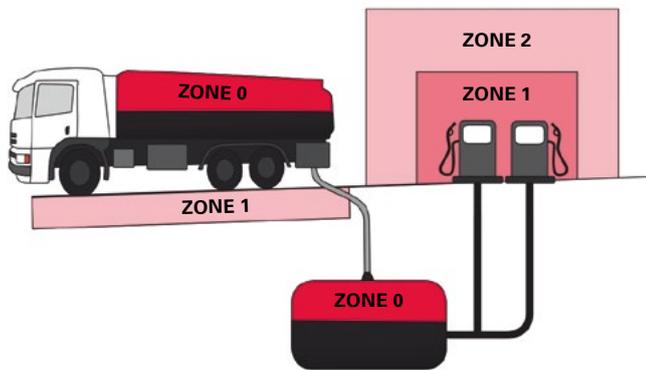
ATEX comes from the French words "ATmosphères EXplosibles" which is the name commonly given to the two European Directives for controlling explosive atmospheres. The aim of the directive 2014/34/EU is to allow free trade of ATEX equipment within the EU. Some other parts of the world do not have regulations on non electrical equipment in explosive areas and have also adopted the ATEX directive.

- Directive 2014/34/EU (ATEX 95) is for the manufacturers of equipment used in explosive atmospheres
- Directive 99/92/EC (ATEX 137) is for the health and safety protection of workers an manufacturers of installations within a potentially explosive atmosphere.

| Category | Gas | Dust |
|-------------------|-----|------|
| Category 1 = zone | 0 | 20 |
| Category 2 = zone | 1 | 21 |
| Category 3 = zone | 2 | 22 |

The above diagrams are simple examples of explosive atmospheres within industry. Each site may differ.

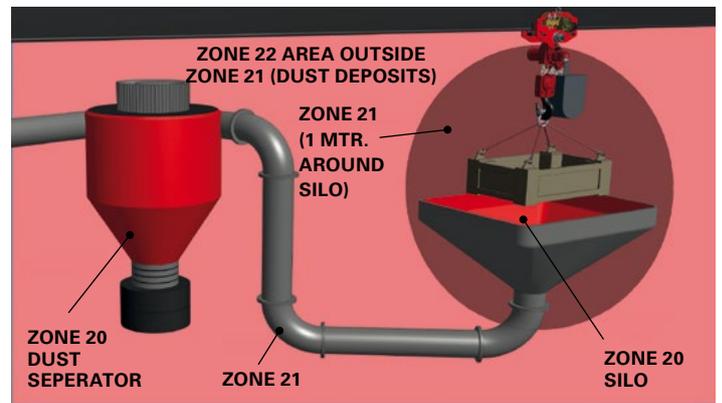
HAZARDOUS AREAS | GAS ATMOSPHERES



EXPLOSION ZONE CLASSIFICATION

| Category | (Formerly known as risk zone) | Description |
|----------|-------------------------------|--|
| 1G | ZONE 0 (Gas/vapours) | An area in which an explosive mixture is continuously present or present for long periods. |
| 2G | ZONE 1 (Gas/vapours) | An area in which an explosive mixture is likely to occur in normal operation. |
| 3G | ZONE 2 (Gas/vapours) | An area in which an explosive mixture is not likely to occur in normal operation and if it occurs it will exist only for a short time. |
| 1D | ZONE 20 (Dust) | An area in which an explosive mixture is continuously present or present for long periods |
| 2D | ZONE 21 (Dust) | An area in which an explosive mixture is likely to occur in normal operation. |
| 3D | ZONE 22 (Dust) | An area in which an explosive mixture is not likely to occur in normal operation and if it occurs it will exist only for a short time. |

DUST ATMOSPHERE



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Red Rooster ATEX
Impact Wrenches

