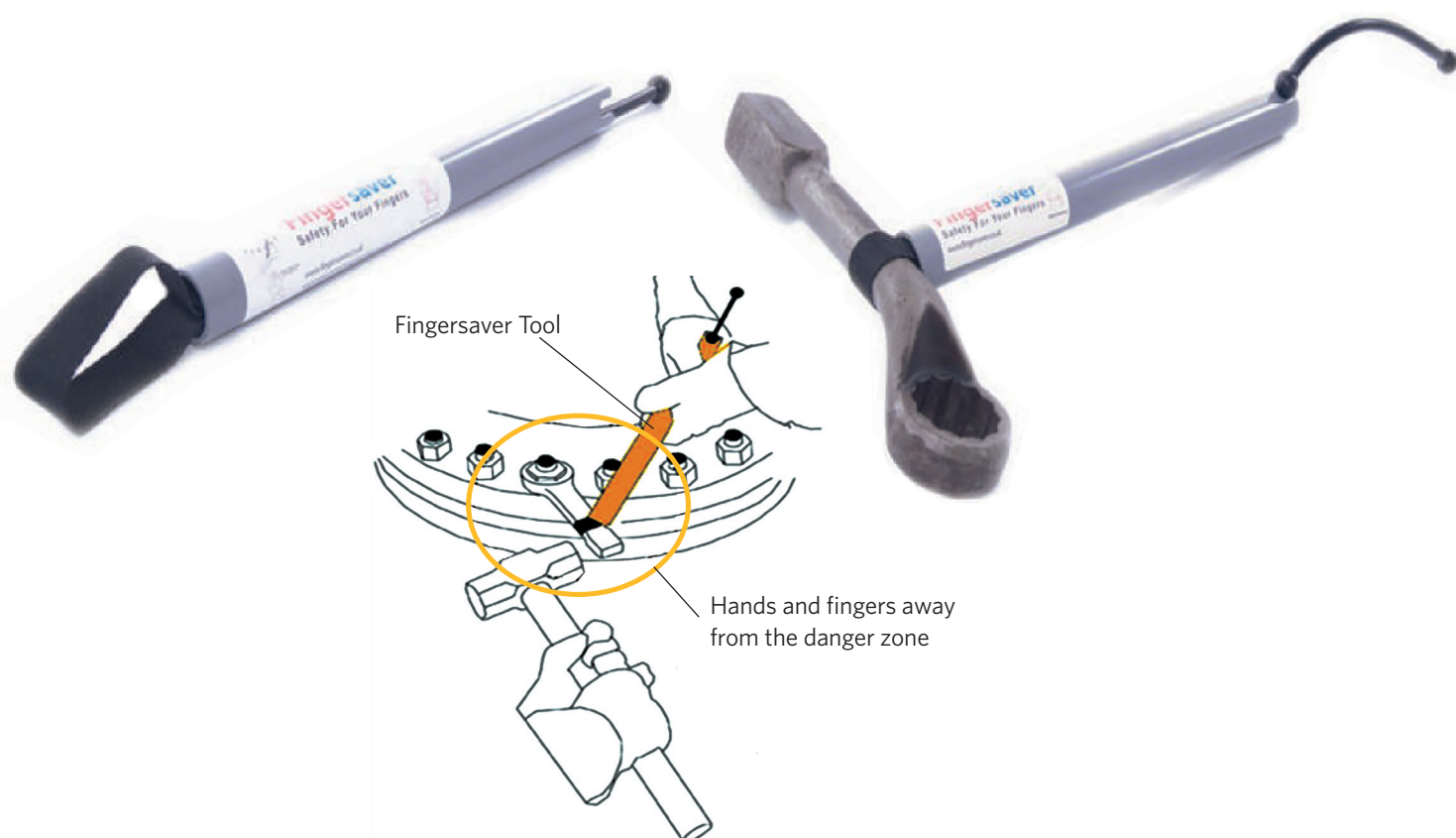


FINGERSAVER USER GUIDE

Your hands are your most important tools. Where there is potential for injury to hands and fingers you should always use the FingerSaver.



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PURPOSE AND BACKGROUND

THIS GUIDE IS DESIGNED TO PROVIDE EMPLOYEES AND EMPLOYERS WITH A SUMMARY OF THE BASIC SAFETY PROCEDURES AND SAFEGUARDS ASSOCIATED WITH THE USE OF THE FINGERSAVER TOOL.

WHAT IS THE PURPOSE OF THIS GUIDE

Tragically, a serious incident can occur before steps are taken to identify and avoid or eliminate tool-related hazards. Employees who use hand tools and are exposed to the hazards of falling, flying, abrasive, and splashing objects, or to harmful dusts, fumes, mists, vapours, or gases must be provided with the appropriate personal protective equipment.

BACKGROUND

Derek from SEP UK says:

"As a Field Engineer on an assignment for ExxonMobil, I have made bruised and injured fingers a thing of the past by creating a device to keep hands out of the danger area.

I developed the Fingersaver after hearing of an injury to a Rotterdam employee.

For a long time, I had an idea to make a protective tool, so when (refinery mechanical manager) Cees Van Berkel asked for ways to stop people getting finger injuries during our future turnarounds at the refinery, I considered it in greater depth.

I designed a tool to move fingers away from the impact position of the hammer on flogging spanners and from pinch points when using impact wrenches and hydraulic torque equipment. I borrowed materials from contractors on site and made a number of prototypes, which led to the purchase of enough material for a trial batch.

If you want to help your employees with hand safety you should seriously consider this safety product when assessing the risks of any task with potential for injury to hands and fingers".

THE PRODUCT

EVERYONE IS AT RISK WHEN USING THINGS LIKE HAMMERS AND IMPACT WRENCHES.

THE PRODUCT

The first batch of Fingersavers, were trialled during turnaround activities at Fawley Refinery, and more than 4,000 have since been manufactured by the UK manufacturer and purchased by ExxonMobil for use on site. The product has been tried and tested and has performed very well during every activity it has been used for. The Fingersaver is now a global product improving safety throughout the world.

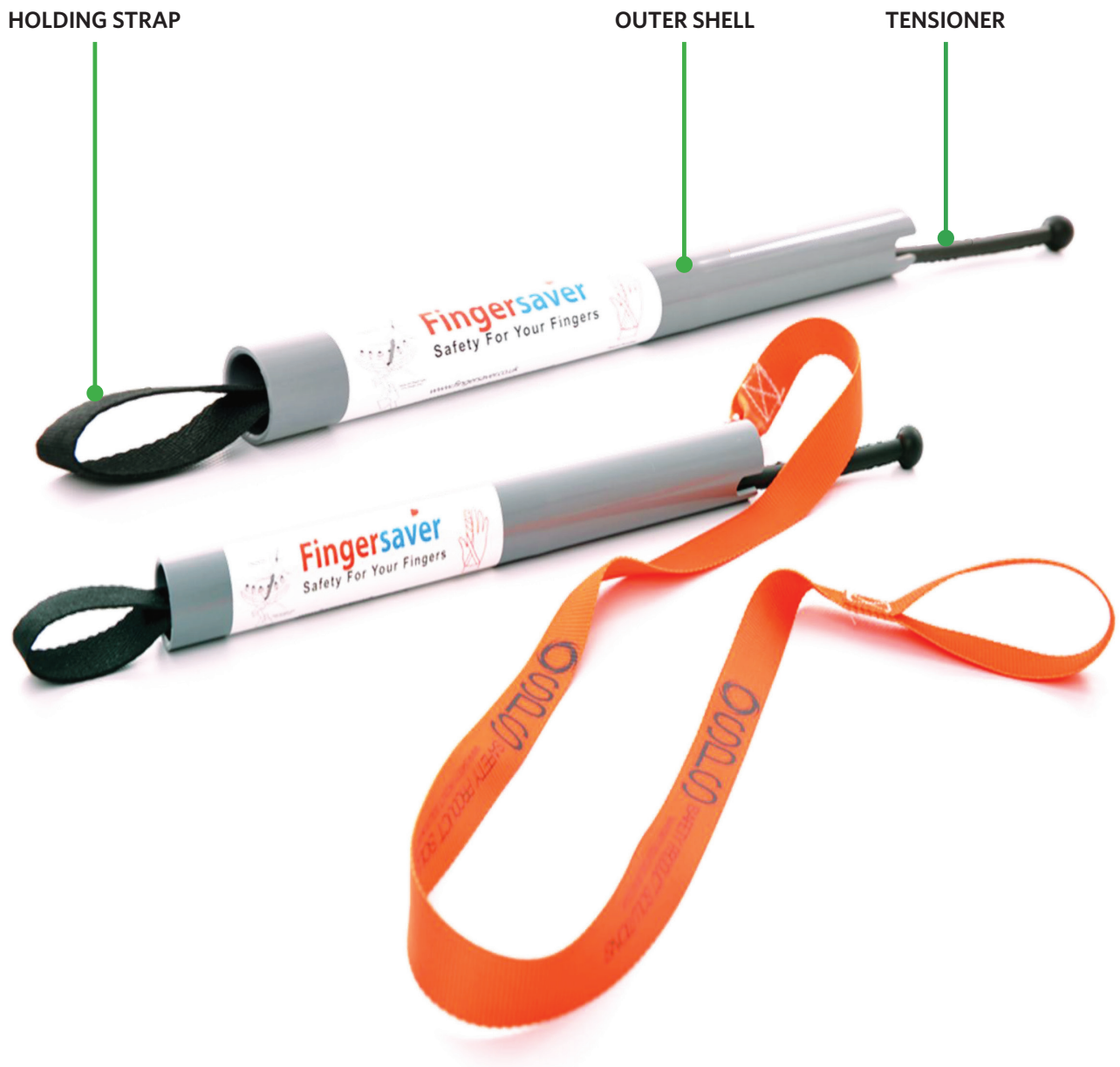
Every day in many industries people are sustaining hand and finger injuries that are preventable. Using the correct safety device should be an essential part of everyday life. If you are working in areas where objects could hit you on the head, you would wear a hard hat. If your eyes are at risk from foreign objects or windblown particles, you would wear safety glasses. Think about your hands in the same way!

Be sure to keep them safe and out of harm's way, be sure to use the Fingersaver, don't take risks with your hands.



MATERIALS OF CONSTRUCTION

1. HIGH GRADE, HIGH STRENGTH PLASTIC MOULDED OUTER SHELL
2. MOULDED HIGH GRADE RUBBER TENSIONER
3. SEAT BELT GRADE HOLDING STRAP



FINGERSAVER PRE-USE INSPECTION



1 Inspect the entire shell for cracks, excessive wear and damage caused by possible hammer strikes.



2 Inspect holding strap for excessive wear, damage caused by possible hammer strikes and tears. Slight fraying is acceptable.

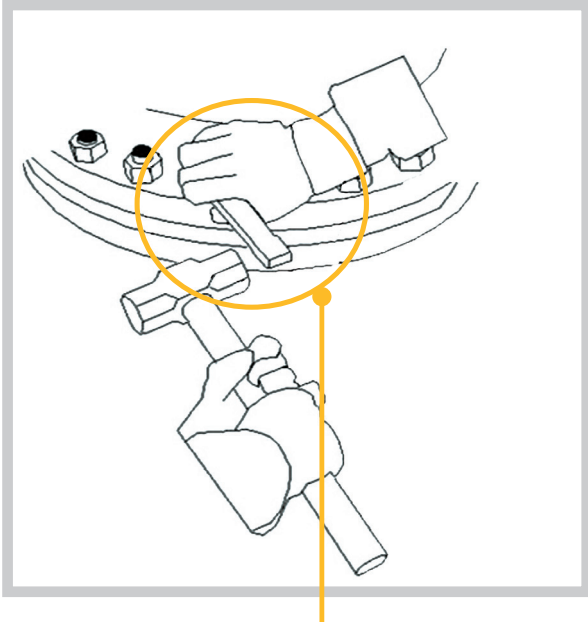


3 Inspect tensioner for cracks, excessive wear and possible damage caused due to exposure to aggressive liquids.



4 Inspect steel safety holding clip for excessive wear. This part is housed inside the outer shell and connects the tensioner and holding strap.

CORRECT USE OF THE FINGERSAVER



WITHOUT the Fingersaver, fingers are vulnerable to injury and spanner shocks.



WITH the Fingersaver, hands and fingers away from Danger Zone. Shocks are absorbed through the Fingersaver.



1 Attach the flogging (slogging) spanner to the Fingersaver using the holding strap.



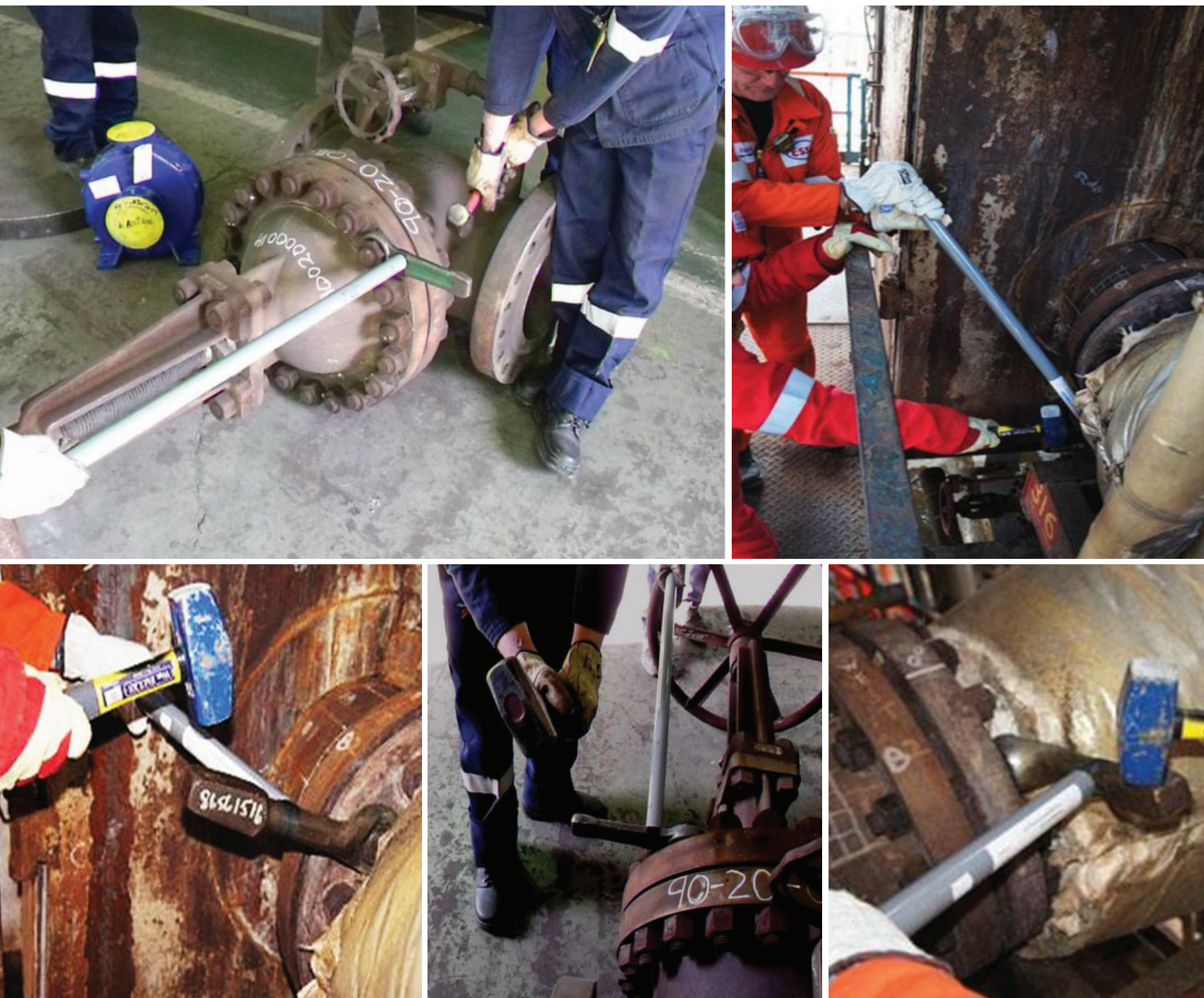
The Fingersaver can be attached to any part of the shaft using the holding strap



2 Pulling the tensioner at the back end of the Fingersaver results in the secure attachment of the spanner to the Fingersaver. Ensure that the tensioner is firmly secured in the shell slot.

CORRECT USE OF THE FINGERSAVER

AVAILABLE IN TWO LENGTHS 350mm AND 900mm
WHICH ALLOWS SAFE USAGE FOR ONE TO TWO PERSONS.
CONTROL OVER SPANNER IS ENSURED EVEN IN DIFFICULT
TO REACH PLACE.



Fingersaver 
Safety For Your Fingers

TASK SPECIFIC RISK ASSESSMENT GUIDE

TASK SPECIFIC RISK ASSESSMENT FOR TIGHTENING AND BREAK OUT OF STUD BOLTS USING A FLOGGING (SLOGGING) SPANNER & HAMMER																						
Operational Steps	Hazards (Source or exposure to danger)	Risks (What can go wrong)	Possible Consequences	Current controls	Recommended Controls	S/H/E	Potential Severity					Frequency					Exposure					Raw Risk Rating
							1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	
							1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	
Tighten and / or Break out of Stud Bolts																						
Tighten and/or Break out of stud bolts	Hammer and Slogging (flogging) spanner	Finger injury due to holding the spanner with one hand and striking the spanner with a hammer with the other hand	Finger injury and possible loss of limb	PPE, Gloves		S	4	4	4	4	3	48	High									
Tighten and/or Break out of stud bolts	Hammer and Slogging (flogging) spanner	Finger injury due to holding the spanner with one hand and striking the spanner with a hammer with the other hand	Finger injury and possible loss of limb	PPE, Gloves	Use Fingersaver Tool	S	1	4	4	3	12	Medium										
RISK ASSESSMENT METHODOLOGY																						
SEVERITY																						
WEIGHT NUMBER	HAZARD DESCRIPTION	ENVIRONMENT		SAFETY / HEALTH																		
5	CATASTROPHIC	Irreversible Ecological damage		Multiple fatalities due to injury or occupational disease																		
4	MAJOR	Reversible ecological damage with potential long term impact		Fatality or number of disabilities / disabling diseases (irreversible effects)																		
3	MODERATE	Ecological disturbance, can be rehabilitated		Disabling injury or occupational illness (can be fixed)																		
2	MINOR	Short term ecological impact, requires intervention		Minor injuries or exposure requiring medical attention																		
1	INSIGNIFICANT	Low impact, natural rehabilitation		First aid treatment required (only a plaster, no cleaning etc)																		
FREQUENCY / PROBABILITY																						
Weight Number	1	2																				
Evaluation Description	Rare	Infrequent																				
Frequency	Less than once every 5 years	Every 1-5 years																				
EXPOSURE																						
Weight Number	1	2																				
Evaluation Description	Minimal	Restricted																				
Safety / Health Exposure	A few of the workforce, minimal time	A few of the workforce, some of the time / some of the workforce minimal time																				
Environmental Exposure	Incident Site (where people are working)	Localized (Building)																				
RAW RISK CALCULATION																						
RAW RISK = SEVERITY X FREQUENCY X EXPOSURE																						
RISK RATING																						

PROBABILITY				
1	2	3	4	5
1	2	4	7	11
2	3	5	8	16
3	6	9	13	20
4	0	14	18	23
5	15	19	22	25

RISK SCORE		
16-25	High	
7-15	Medium	
1-6	Low	

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About The Flexitallic Group

The Flexitallic Group is a global leader in specialised sealing solutions and products serving the oil and gas, power generation, chemical and petrochemical industries in emerging and developed markets. Focused on the upstream, downstream and power generation sectors, it has operations in France, the United States, Canada, Mexico, the United Kingdom, Germany, Italy, Belgium, the United Arab Emirates, Thailand, Australia and China plus a network of worldwide licensing partners and distributors.