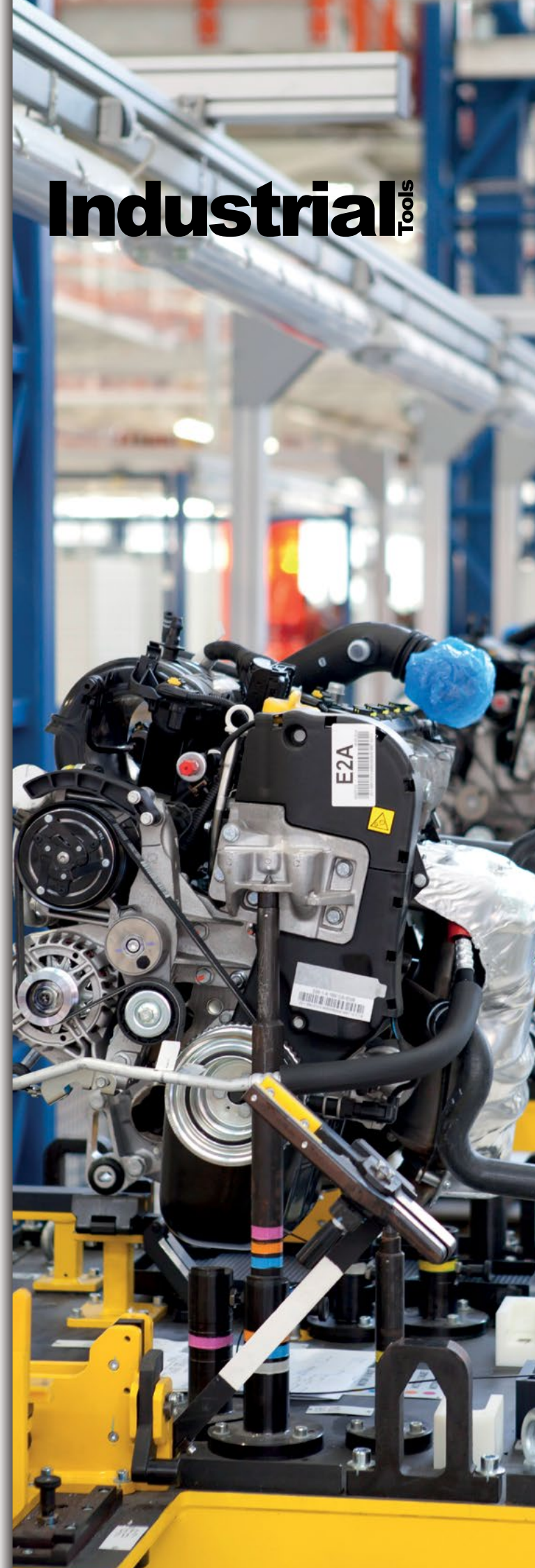
Desoutter

Industrial Tools

EPD - ELECTRIC PISTOL DIRECT

Compact
Ergonomic
Accurate
Wide torque range

More Than Productivity



EPD
ELECTRIC PISTOL DIRECT

DIFFERENT OUTPUTS AVAILABLE: SQUARE OR HEX
Only for EPD7/10/16

FRONT LEDS FOR LIGHT & REPORTING

ROBUST & PROVEN DESIGN

CONFIGURABLE VIBRATION

THINNER & MORE FLEXIBLE CABLE (DIA.9.8MM)

E-LINK COMPATIBLE WITH PLUG-IN ACCESSORIES

BACK LEDS FOR REPORTING

CONFIGURABLE BUZZER

REVERSE BUTTON

OPTIMISED HANDLE FOR ERGONOMIC

BOOST YOUR **FLEXIBILITY**

- LED FOR OPERATOR FEED-BACK (CONFIGURABLE)
- INTERNAL BUZZER FOR SONOR FEED-BACK (CONFIGURABLE)
- VIBRATION REPORTING TO IMPROVE THE TIGHTENING FEED-BACK TO THE OPERATOR (CONFIGURABLE)

BOOST YOUR **UPTIME**

- DURABILITY OF THE TOOLS IMPROVED FOR A LONGER AND BETTER USE
- NEW DESIGN, MORE ERGONOMIC AND ROBUST FOR BETTER RESISTANCE TO EXTREME ENVIRONMENTS
- DUST AND OIL PROOF TRIGGER

BOOST YOUR **PRODUCTIVITY**

- HIGH SPEED TOOL AND COMPACT
- ONE HAND FOR THE TOOL, ONE HAND TO BOOST PRODUCTIVITY

OPERATOR REPORTING

FRONT LED

Front LED is really close to the tightening part for a **perfect lighting**.

REPORTING LED

The combination of front LED with the reporting LED's on the side ensure the feed-back to the operator is always visible. With no extra effort to view.

LEDs reporting and light: The front white LED enlight tight area and the LEDs reports (front and back) gives direct feedback to the operator. It increases the productivity and reduces the errors.

Buzzer: Internal buzzer for sound feedback. The buzzer function is configurable via our software management (CVI Config) for a better usage and customized reporting.

Vibration: Vibration reporting to improve the feedback to the operator. The vibration function is configurable via our software management (CVI Config) for a better usage and customized reporting.

2 PLATFORMS COMPATIBLE:

AXON & CVI3 (Vision, Function, Essential, TWIN)

AXON - SX
The unique platform designed to fit all applications, collect and monitor live data for real time error proofing

CV13 ESSENTIAL
Class B joint tightening for handheld application

CV13 FUNCTION
All essential features with button keypad interface

CV13 VISION
User friendly with touchscreen interface and extend with battery tools possibilities

TWINCV13 VISION
Compact controller With 2 tool channels

CVI3 FUNCTION	6159326900
CVI3 VISION	6159326910
CVI3 FUNCTION E-STOP	6159326930

CVI3 VISION E-STOP	6159326940
CVI3 ESSENTIAL	6159326950
TWINCVI3	6159326970

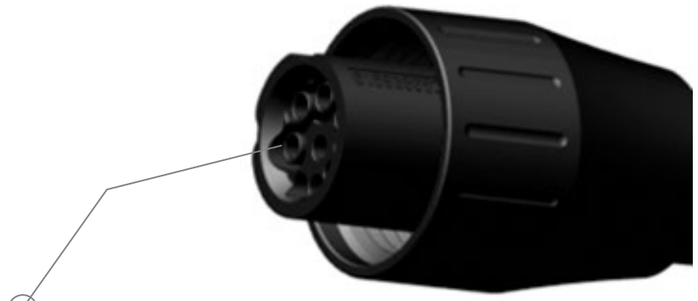
TWINCVI3 E-stop	6159326980
AXON DRIVE	6159327800
AXON MODULE SX	6159327830

CABLES

NEW CABLE

The new EPD range comes with a new cable. It comes thinner, lighter and more flexible than the previous cable.

Sub-range	Model	Part number	Comments
Cables	TOOL CABLE 2.5M	6159178350	EPD cable 2.5 meters
	TOOL CABLE 5M	6159178360	EPD cable 5 meters
	TOOL CABLE 10M	6159178370	EPD cable 10 meters
	TOOL CABLE 15M	6159178380	EPD cable 15 meters
Extensions	CABLE EXTENSION 8M	6159175810	All range
	CABLE EXTENSION 16M	6159175840	All range
	CABLE EXTENSION 32M	6159175870	All range



NEW CABLE -
THINNER, LIGHTER
AND MORE FLEXIBLE

FUNCTION GYROSCOPE / eCOMPASS

COST SAVINGS

- eCompass lets you eliminate the superfluous costs for fixtures, torque arms installations and other otion limiting supports.
- Reduces rework, scrapping & warranty costs by improving the quality of a tightening process.

IMPROVED FLEXIBILITY

- Tool may be swapped easily from one station to another without installing any additional supporting fixtures.

IMPROVED SAFETY

- eCompass allows for the resriction of the tool's movement within a predefined angle, thereby reducing the risk of movement related accidents.

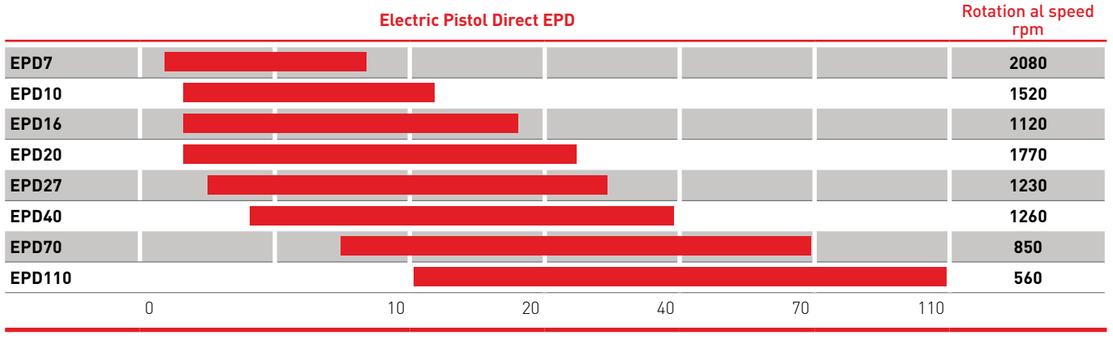
IMPROVED ERGONOMICS

- eCompass allows the operators to move more freely, and provides a greater degree of movement without any physical restrictions.

EPD70

EPD27

EPD7



Reference	Designation	Output Drive	Cable output	Torque min		Torque max		Free speed	Tool length		Weight	
				Nm	ft/lb	Nm	ft/lb	rpm	mm	in	kg	lb
6151662810	EPD7-2080-4Q	Hexa ¼	EPD7 Bottom Cable	1	0.74	7	5.16	2080	205.5	8,07	0.9	2
6151662820	EPD7-2080-4Q-1	Hexa ¼	EPD7 Top Cable 1m	1	0.74	7	5.16	2080	234.5	9.21	1.2	2.6
6151662830	EPD7-2080-4Q-5	Hexa ¼	EPD7 Top Cable 5m	1	0.74	7	5.16	2080	234.5	9.21	1.85	4.1
6151662840	EPD7-2080-10S	SQ 3/8	EPD7 Bottom Cable	1	0.74	7	5.16	2080	206	8.11	0.9	2
6151662850	EPD7-2080-10S-1	SQ 3/8	EPD7 Top Cable 1m	1	0.74	7	5.16	2080	235	9.25	1.2	2.6
6151662860	EPD7-2080-10S-5	SQ 3/8	EPD7 Top Cable 5m	1	0.74	7	5.16	2080	235	9.25	1.85	4.1
6151662870	EPD10-1520-4Q	Hexa ¼	EPD10 Bottom Cable	2	1.48	10	7.38	1520	205.5	8,07	0.9	2
6151662880	EPD10-1520-4Q-1	Hexa ¼	EPD10 Top Cable 1m	2	1.48	10	7.38	1520	234.5	9.21	1.2	2.6
6151662890	EPD10-1520-4Q-5	Hexa ¼	EPD10 Top Cable 5m	2	1.48	10	7.38	1520	234.5	9.21	1.85	4.1
6151662900	EPD10-1520-10S	SQ 3/8	EPD10 Bottom Cable	2	1.48	10	7.38	1520	206	8.11	0.9	2
6151662910	EPD10-1520-10S-1	SQ 3/8	EPD10 Top Cable 1m	2	1.48	10	7.38	1520	235	9.25	1.2	2.6
6151662920	EPD10-1520-10S-5	SQ 3/8	EPD10 Top Cable 5m	2	1.48	10	7.38	1520	235	9.25	1.85	4.1
6151662930	EPD16-1120-4Q	Hexa ¼	EPD16 Bottom Cable	2	1.48	16	11.81	1120	205.5	8.07	0.9	2
6151662950	EPD16-1120-4Q-5	Hexa ¼	EPD16 Top Cable 5m	2	1.48	16	11.81	1120	234.5	9.21	1.85	4.1
6151662960	EPD16-1120-10S	SQ 3/8	EPD16 Bottom Cable	2	1.48	16	11.81	1120	206	8.11	0.9	2
6151662970	EPD16-1120-10S-1	SQ 3/8	EPD16 Top Cable 1m	2	1.48	16	11.81	1120	235	9.25	1.2	2.6
6151662980	EPD16-1120-10S-5	SQ 3/8	EPD16 Top Cable 5m	2	1.48	16	11.81	1120	235	9.25	1.85	4.1
6151662990	EPD20-1770-10S	SQ 3/8	EPD20 Bottom Cable	2	1.48	20	14.75	1770	222	8.74	1.1	2.4
6151663000	EPD20-1770-10S-1	SQ 3/8	EPD20 Top Cable 1m	2	1.48	20	14.75	1770	233	9.17	1.4	3.1
6151663010	EPD20-1770-10S-5	SQ 3/8	EPD20 Top Cable 5m	2	1.48	20	14.75	1770	233	9.17	2.05	4.5
6151663020	EPD27-1230-10S	SQ 3/8	EPD27 Bottom Cable	3	2.21	27	19.91	1230	222	8.74	1.1	2.4
6151663030	EPD27-1230-10S-1	SQ 3/8	EPD27 Top Cable 1m	3	2.21	27	19.91	1230	233	9.17	1.4	3.1
6151663040	EPD27-1230-10S-5	SQ 3/8	EPD27 Top Cable 5m	3	2.21	27	19.91	1230	233	9.17	2.05	4.5
6151663050	EPD40-1260-10S	SQ 3/8	EPD40 Bottom Cable	4	2.95	40	29.5	1260	275.5	10.83	1.95	4.3
6151663060	EPD40-1260-10S-1	SQ 3/8	EPD40 Top Cable 1m	4	2.95	40	29.5	1260	286.5	11.25	2.25	5
6151663070	EPD40-1260-10S-5	SQ 3/8	EPD40 Top Cable 5m	4	2.95	40	29.5	1260	286.5	11.25	2.85	6.3
6151663080	EPD70-850-SQ1/2	SQ 1/2	EPD70 Bottom Cable	7	5.16	70	51.63	850	275.5	10.83	1.95	4.3
6151663090	EPD70-850-SQ1/2-1	SQ 1/2	EPD70 Top Cable 1m	7	5.16	70	51.63	850	286.5	11.25	2.25	5
6151663100	EPD70-850-SQ1/2-5	SQ 1/2	EPD70 Top Cable 5m	7	5.16	70	51.63	850	286.5	11.25	2.85	6.3
6151663110	EPD110-560-SQ1/2	SQ 1/2	EPD110 Bottom Cable	20	7.38	110	81.13	560	311.5	12.24	2.7	6
6151663120	EPD110-560-SQ1/2-1	SQ 1/2	EPD110 Top Cable 1m	20	7.38	110	81.13	560	322.5	12.67	3	6.6
6151663130	EPD110-560-SQ1/2-5	SQ 1/2	EPD110 Top Cable 5m	20	7.38	110	81.13	560	322.5	12.67	3.65	8

ACCESSORIES AVAILABLE

ACCESSORIES INCLUDED

PLASTIC COVER EPD7/10/16	6152112140	For EPD7/10/16 bottom cable
PLASTIC COVER EPD20/27	6152112150	For EPD20/27 bottom cable
PLASTIC COVER EPD7/10/16	6152112190	For EPD7/10/16 top cable
PLASTIC COVER EPD20/27	6152112200	For EPD20/27 top cable
BAIL HOOK	467003	For EPD7, EPD10, EPD16, EPD20 & EPD27 – forbidden for EPD40, EPD70 & EPD110

PLASTIC COVERS

PLASTIC COVER EPD7/10/16	6152112140	**Included with tool** - for EPD7/10/16 bottom cable
PLASTIC COVER EPD20/27	6152112150	**Included with tool** - for EPD20/27 bottom cable
PLASTIC COVER EPD7/10/16	6152112190	**Included with tool** - for EPD7/10/16 top cable
PLASTIC COVER EPD20/27	6152112200	**Included with tool** - for EPD20/27 top cable
PLASTIC COVER EPD40/70	6152112170	**Optional** - for EPD40/70 bottom cable
PLASTIC COVER EPD110	6152112180	**Optional** - for EPD110 bottom cable
PLASTIC COVER EPD40/70	6152112220	**Optional** - for EPD40/70 top cable
PLASTIC COVER EPD110	6152112230	**Optional** - for EPD110 top cable

EXAMPLE FOR EPD10 BOTTOM CABLE

SIDE HANDLE

Side handle	6154012820	For EPD7, EPD10 & EPD16 (Side handle – 467033 + spacer 6152112080)
Side handle	467033	For EPD20 & EPD27

REACTION BARS

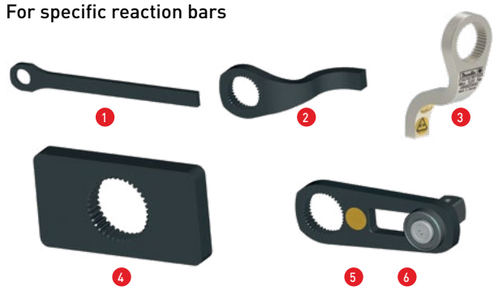
REACTION BAR INTERFACE	6155485040	For EPD7, EPD10 & EPD16
REACTION BAR INTERFACE	6155475050	For EPD20 & EPD27
REACTION BAR STRAIGHT SPLINE 4	6158120545	For EPD40, EPD70 & EPD110 : Straight reaction bar (1)
REACTION BAR S-TYPE SPLINE 4	6158120695	For EPD40, EPD70 & EPD110 : S type reaction bar (2)
REACTION BAR SLIDING DRIVE SPLINE 4	6158120625	For EPD40, EPD70 & EPD110: Sliding drive reaction bar short (5/6)
REACTION BAR L-TYPE ALUMINUM SPLINE 4	6158120735	For EPD40, EPD70 & EPD110: L-type aluminium bar (4)
REACTION BAR SLIDING DRIVE SPLINE 4 EXT	6158120635	For EPD40, EPD70 & EPD110: Sliding drive reaction bar extended (5/6)
REACTION BAR SQUARE SPLINE 4	6158120585	For EPD40, EPD70 & EPD110: Square reaction bar (4)

FROM EPD7 TO EPD27

Only tool interface available:
Customization to do by EIC, following customer need.

FOR EPD40, EPD70 & EPD110

For specific reaction bars



BARCODE READER

BARCODE READER	TBC	For all tools
ACCESSORY INTERFACE	6152112020	For all tools (board support)
SUPPORT BARCODE READER EPD7/10/16		For EPD7/10/16 tools (mechanical interface)
SUPPORT BARCODE READER EPD20/27/40/70/110	6155485030	For EPD20/27/40/70/110 tools (mechanical interface)

For BCR assembly on tools, it is needed to order BARCODE READER + ACCESSORY INTERFACE + SUPPORT

BASIC SUSPENSIONS

BAIL HOOK	467003	**Included** - for EPD7, EPD10, EPD16, EPD20 & EPD27 – forbidden for EPD40, EPD70 & EPD110

SWIVEL SUSPENSIONS

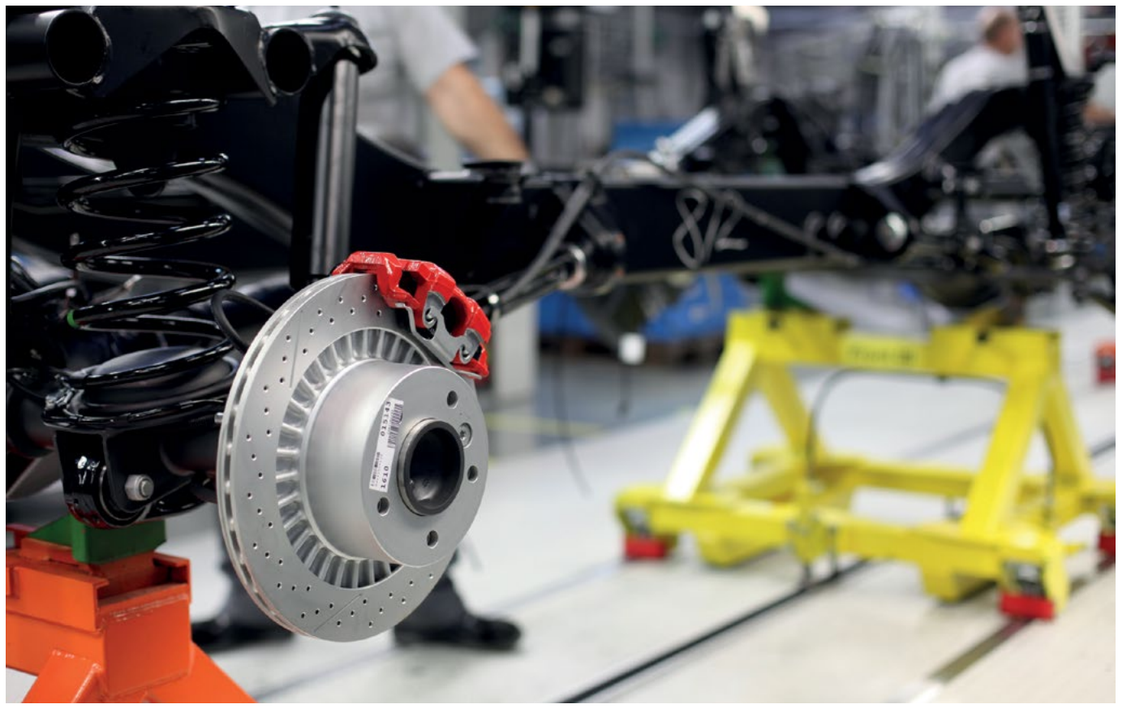
SUSPENSION M37x1	6154012830	For EPD7/10/16
SUSPENSION M41x1	6154012840	For EPD20/27
SUSPENSION Ø48,5	6154012860	For EPD40/70
SUSPENSION Ø56	6154012870	For EPD110

FROM EPD7 TO EPD27

FOR EPD40, EPD70 & EPD110

OTHER ACCESSORIES ON DEMAND (Please contact your local representative for more details.)

nexonar solution	Optional / On request only	**Optional / On request only**
Socket tray on tool	Optional / On request only	**Optional / On request only**
2nd trigger + extra handle	Optional / On request only	**Optional / On request only**
Crowfoot or additional gearbox	Optional / On request only	**Optional / On request only:** • FRONT HOUSING THREADED designed for EPD7, EPD10, EPD16, EPD20 and EPD27 • FRONT HOUSING DIA28 THREADED M32x1 L (6155659170) • FRONT HOUSING DIA32 THREADED M36x1.25 (6155659180) • For EPD40/70/110, management via Spline 4



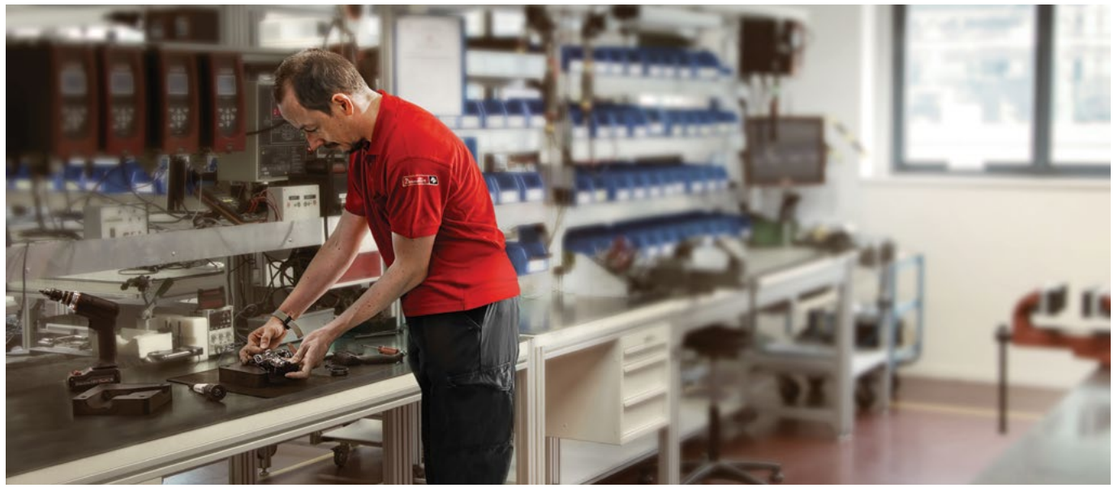
TOOL HOLDER EPD FOR REACTION ARMS

Tool		Tool holder Description	Part number	For Arm	
EPD7 EPD10 EPD16 EPD20		D53 UNI HOLDER DIAM 28,5-41 (INCLUDED WITH THE ARM)	6158108350	D53-25	6158107020
				D53-25X	6158107030
				D53-25S	6158107080
				D53-25 X/Y-AXLE EBUS	6158122690
				D53-25S X/Y-AXLE EBUS	6158122740
		TRA UNI HOLDER DIAM 26-49 (INCLUDED WITH THE ARM)	6158101180	TRA25-1150	6158100920
				TRA25-1600	6158100930
				TRA25-2100	6158100940
				TRA25-2600	6158100950
				TRA25-2100 P2	6158121080
		TT UNI HOLDER DIAM 28,5-41 (INCLUDED WITH THE ARM)	6158121610	TT25-1150/300	6158120820
				TT25-1600/600	6158122610
EDP27		D53 50-100 UNI HOLDER DIAM 26-55 (NOT INCLUDED WITH THE ARM)	6158110290	D53-50	6158107040
				D53-50S	6158107090
				D53-50 XY AXLE EBUS	6158122700
				D53-50S XY AXLE EBUS	6158122750
		TRA50-100 UNI HOLDER DIAM 26-50 (INCLUDED WITH THE ARM)	6158101370	TRA 50 1600	6158100960
				TRA 50 2100	6158101070
				TRA 50 2600	6158101080
				TRA 50 2100 UNI P	6158121040
				TRA 50 2100 UNI P2	6158121090
EPD40 EPD70		TOOL HOLDER EPD40-70 (NOT INCLUDED WITH THE ARM)	6158136740	D53-50	6158107040
				D53-50S	6158107090
				D53-50 XY AXLE EBUS	6158122700
				D53-50S XY AXLE EBUS	6158122750
				TRA 50 1600	6158100960
				TRA 50 2100	6158101070
				TRA 50 2600	6158101080
				TRA 50 2100 UNI P	6158121040
				TRA 50 2100 UNI P2	6158121090
				D53-100	6158107050
				D53-100S	6158107100
				D53-100 XY AXLE EBUS	6158122710
				D53-100S XY AXLE EBUS	6158122760
				TRA 100 1600	6158100990
				TRA 100 2100	6158101000
				TRA 100 2600	6158101010
				TRA 100 2100 UNI	6158121050
				TRA 100 2100 P2	6158121100
EPD110		TOOL HOLDER EPD110 (NOT INCLUDED WITH THE ARM)	6158136750	TRA 200 1600	6158101020
				TRA 200 2100	6158101030
				TRA 200 2600	6158101040
				TRA 200 2100 P UNI	6158121060
				TRA 200 2100 P2	6158121110

SERVICE

TOOL CARE

Boost your uptime and productivity with an optimised maintenance budget



	Basic Care	Smart Care	Peace of Mind
Preventive Maintenance labour	✓	✓	✓
Preventive Maintenance wear out spare parts	✓	✓	✓
Tool Calibration	✓	✓	✓
Optimised preventive maintenance		✓	✓
Repair at Desoutter Workshop		✓	✓
Maintenance KPIs			✓
Onsite production support			✓

UPTIME IS IMPROVED

- Usual wear parts are replaced before the system fails
- Critical parts are available and their replacement is planned
- The system is regularly checked, cleaned and adjusted

REWORK COST IS REDUCED QUALITY IS IMPROVED

- With Preventive Maintenance + calibration, tool accuracy is maintained. Right first time!
- Operator coaching means less NOK's

MAINTENANCE BUDGET IS OPTIMISED

- Tool reliability is improved meaning less breakdowns over time
- Preventive Maintenance significantly extends the tool lifetime.

NOTES

NOTES

More Than Productivity

English
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