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**Erem**<sup>®</sup>

**COOPER** Hand Tools

## PRODUCT BULLETIN

**Bulletin No.:** 06-301  
**Bulletin Date:** July 19, 2006  
**Product:** Erem MagicSense 2400-Series  
**Catalog No.:** 2412E, 2422E, 2432E, 2411P, 2411PD, 2442P  
**Action:** New Product Introduction  
**Availability:** Available now



2411P

### New! Erem MagicSense Cutters and Pliers

*The ultimate in comfort, control, and performance!*

#### The Erem Advantage

The new MagicSense line features a new grip material that is both soft to the touch while offering a solid feel of control. This new grip is more comfortable and yields less fatigue when compared to our 2200-Series tools. The surface of the grip is also non-slip for a high performance feel. The shape of the tool and grip provides self-positioning for the fingers and thumb. The grips are ESD safe to protect sensitive components.

#### Other Features & Benefits

- New Erem induction hardening process results in a unique cutting edge hardness of 64 – 65 HRC
- Three types of cut (semi-flush, flush, and super full flush) guarantees consistent performance in repetitive work
- Blades are finished smooth, sharp, and in perfect alignment
- A multiple extrusion process compacts the steel and imparts additional strength and toughness to the tools. This results in reliable and long lasting tools.
- Erem Maximum Opening Stop (EMOS) limits the handle opening and therefore reduces operator fatigue by preventing excess hand spread
- Exclusive inter-lock Screw Joint System ensures wobble-free operation and eliminates blade overlapping. Mechanical shock is eliminated reducing the risk to sensitive components.
- The patented internal Magic spring is unbreakable, and is designed for high performance and guaranteed for over 1 million operations

#### Product Line

- Phase I consists of six items detailed here and is available now.
- Phase II consists of eight items and will be introduced mid-September. A brochure showing all of the tools in the MagicSense line will be available at that time.
- The six tools in Phase I replace seven tools from the present line. A Product Discontinuation Notice for will be issued separately. Stock on tools being discontinued ranges from one to four months' supply.
- A corresponding Pricing Bulletin is also available

Campbell<sup>®</sup>    Caulk Master<sup>®</sup>    Crescent<sup>®</sup>    Diamond<sup>®</sup>    Erem<sup>®</sup>    Kahnetics<sup>®</sup>    Lufkin<sup>®</sup>    Nicholson<sup>®</sup>  
Plumb<sup>®</sup>    H.K.Porter<sup>®</sup>    Weller<sup>®</sup>    Wire-Wrap<sup>®</sup>    Wiss<sup>®</sup>    Xcelite<sup>®</sup>

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## PRODUCT BULLETIN

Order	Material	Description	Replaces
<b>Phase I</b>			
1	2422E	CUTTER,5",OVAL HEAD,FF,ERGO	2222E
2	2412E	CUTTER,5",OVAL HEAD,SF,ERGO	2212E
3	2432E	CUTTER,5",OVAL,SFF,ERGO	2232E
4	2411P	PLIER,5",FINE POINT,NEEDLE NOSE,ERGO	2211P
5	2411PD	PLIER,5",FN PT,NDL NOSE,SERR,ERGO	2211PD, 544D
6	2442P	PLIER,5",FLAT NOSE,ERGO	2242

**Note:** Tools being replaced will be discontinued before the end of July.

Material	Description	Soft Copper Wire				Hard Wire (30 HRC)	
		0.1 - 0.6 mm .004 - 0.24"	0.6 - 0.8 mm 0.24 - .0315"	0.8 - 1.3 mm .0315 - .051"	1.3 - 1.6 mm .051 - .063"	0.1 - 1.0 mm .004 - .04"	0.3 mm .012"
2412E	CUTTER,5",OVAL HEAD,SF,ERGO						
2422E	CUTTER,5",OVAL HEAD,FF,ERGO						
2432E	CUTTER,5",OVAL,SFF,ERGO						

Material	Description	L		A		B		C		D	
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
2412E	CUTTER,5",OVAL HEAD,SF,ERGO	5.12	130	0.47	12	0.43	11	0.24	6	0.76	19.2
2422E	CUTTER,5",OVAL HEAD,FF,ERGO	5.12	130	0.47	12	0.43	11	0.24	6	0.76	19.2
2432E	CUTTER,5",OVAL,SFF,ERGO	5.12	130	0.47	12	0.43	11	0.24	6	0.76	19.2
2411P	PLIER,5",FINE POINT,NEEDLE NOSE,ERGO	5.75	146	1.32	33.5	0.43	11	0.24	6	1.59	40.5
2411PD	PLIER,5",FN PT,NDL NOSE,SERR,ERGO	5.75	146	1.32	33.5	0.43	11	0.24	6	1.59	40.5
2442P	PLIER,5",FLAT NOSE,ERGO	5.75	146	1.32	33.5	0.43	11	0.24	6	1.59	40.5

**Key:**  
L= Total length of cutter/plier  
A= Length of blade, jaw, nose  
B= Width of head  
C= Thickness of head  
D= Length of head from joint to tip  
E= Width of nose at the tip  
G= Thickness of nose, both tips together

### Images

2432E and 2411P are on the web site now. The rest will be added by the end of July. Samples for all six of these items are in stock in ADC now.

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Plumb®    H.K.Porter®    Weller®    Wire-Wrap®    Wiss®    Xcelite®