

# CEWELD SP 1.4370

|                |                                                                                                                                                                                                                                                                                     |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TYPE           | High Manganese alloyed stainless steel wire. Excellent wearing qualities and good corrosion resistance                                                                                                                                                                              |
| APPLICATIONS   | Recommended for applications where high corrosion resistance and relatively low wear protection are required. SP 1.4370 is good for general machine element work including hydraulic rams, rolls and for applications in the food industry.                                         |
| PROPERTIES     | Coatings of SP 1.4370 exhibit low shrink and are recommend for internal diameters, particularly where thick coatings are needed. Using the combustion wire spray process, SP 1.4370 coatings can be sprayed thicker than SP 1.4316 coatings, but not as thick as SP 420-B coatings. |
| CLASSIFICATION | EN ISO 14919: 5.12<br>W.Nr. 1.4370                                                                                                                                                                                                                                                  |
| SUITABLE FOR   | Metals spray wire with good corrosion resistance and low shrink factor, recommended for inside diameters.                                                                                                                                                                           |

## APPROVALS

## WELDING POSITIONS



## TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

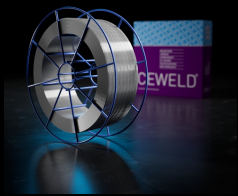
| Si  | Mn | Cr | Ni  |
|-----|----|----|-----|
| 0.2 | 7  | 19 | 8.5 |

## MECHANICAL PROPERTIES

| Heat Treatment | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Hardness |
|----------------|-------------------------|----------------------|--------------------|----------|
| As Welded      |                         |                      |                    | 300 HB   |

REDRYING Not required

GAS ACC. EN ISO 14175



# CEWELD SP 1.4370

SP 1.4370 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663410054 |

SP 1.4370 2,4MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663410061 |