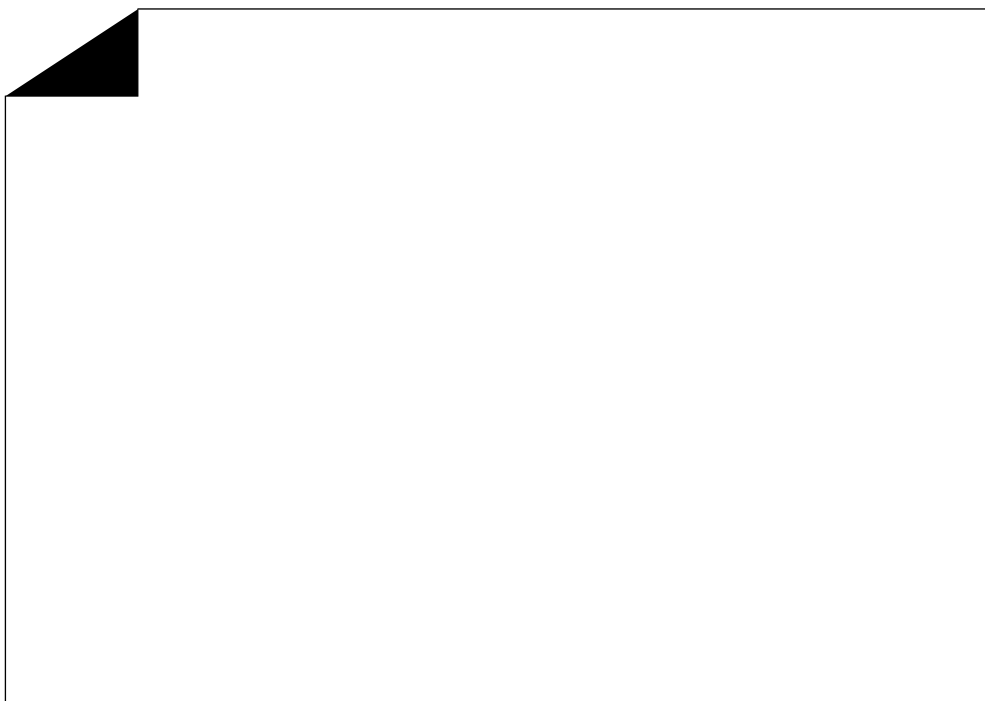


Figure 2. DW-T FCWs offer smaller leg fillet welds in a wide range of welding speeds (Horizontal fillet welding, 100%CO

Figure 3. DW-T FCWs offer a wide range of applications in sheet metal welding of around 2-mm thick stainless steels







## **Outline of EN standards for welding consumables**

The EN standards are developed and published by the European Committee for Standardization (CEN) after obtaining the agreement - by voting - of the CEN members of the national standard bodies of the European countries. Once an EN standard has been established, it will be published in three official versions (English, French, and German). In addition, a version in any other languages translated under the authority of a CEN member and notified to the Management Center has the same status as the official versions, and can be used as a national standard without any alteration. **Table 7** shows a Table 7

Table 9. The classification system of EN 758 - Tubular cored electrodes for metal arc w 5人 權 5人 9 fo ¼ fi 穩 厭 縫 綈 / 瘁 厭 婿 卑 水 綈 絮 睨







## **IIW Annual Assembly 2004 in Osaka**

The IIW Annual Assembly was held in Osaka on 11-16 July, bringing together welding researchers and engineers from all over the world. This was the 57th assembly and the third one held in Japan after the Kyoto Assembly in 1969 and the Tokyo Assembly in 1986. A total of 748 participants from 43 countries attended, including such non-IIW-member countries as South Korea, Indonesia, Malaysia and Vietnam. Since the assembly was held during the Japan International Welding Show at the same place, it was very well attended.

The assembly was combined with 24 Technical Working Units that consisted of the 1st to 16th Technical Commissions as well as eight Select



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