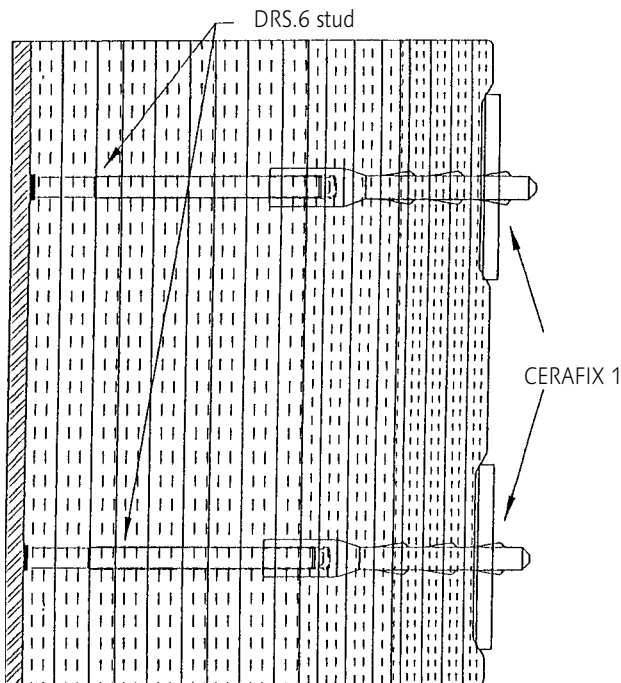
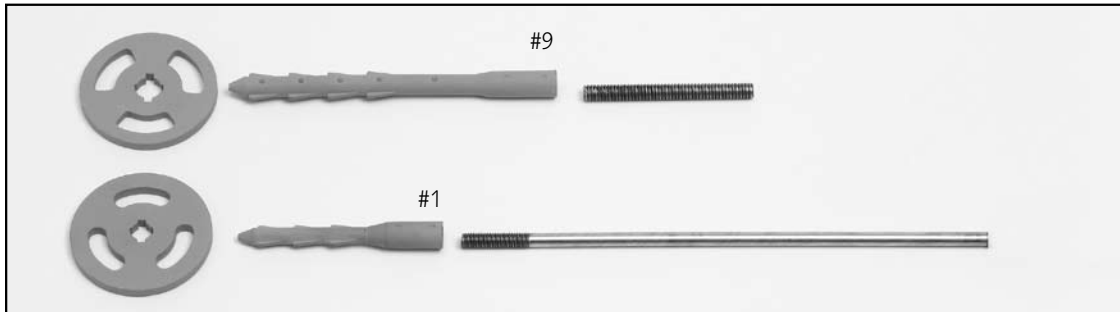




REFRACTORY
ANCHORS, INC.



RA-45 CERAFIX

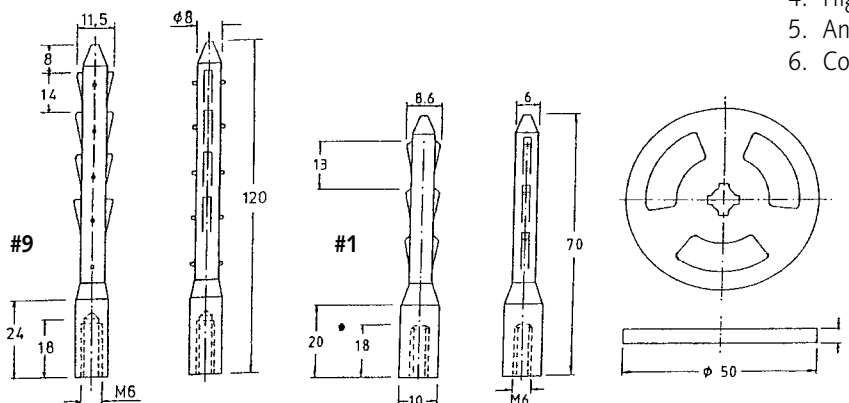
The CERAFIX anchor is a combination of ceramic and metallic anchoring. The 95% alumina "hot face" spike comes in two sizes as noted in the Cerafix no. 1 and no. 9 drawing. The ceramic spike is anchored to the vessel with a 6 mm threaded stud. The threaded stud can be quickly produced in specified lengths to accommodate various lining thickness. The maximum temperature use limit of the CERAFIX system is limited by the maximum use limit of the 6 mm metallic stud. For this reason the 6 mm stud is commonly manufactured from Inconel 601.

The 95% alumina CERAFIX Ceramic Washer locks with the ceramic CERAFIX spike using a positive locking mechanism at approximately 1/2" increments. The ceramic washer and spike can be held in the locking position by slight compression with the insulation. The metallic stud threads into the CERAFIX ceramic spike approximately 1/2".

The CERAFIX system is ideally suited for applications where temperature use limits exceed those established for ceramic cuplocks or metallic washers. Applications include:

1. High temperature reformers
2. Laboratory furnaces
3. Forging
4. High temperature board applications
5. Anchoring high temperature fabrics over insulation
6. Corrosive environments

DRS.6 stud is a 6 mm threaded metallic stud that is available in specified lengths. The DRS.6 is available complete with ferrule for stud welding in several alloys (304, 310, 330, 601).



Technical Specifications

Density	3.77 kg/m ³
Cold Crushing Strength	1500 kp/cm ²
Bending Stability	3500 kp/cm ²
Relative Hardness	9
Material	>95.0% Al ₂ O ₃
Dielectric Strength	20 kV/mm
Steam Absorption	0%

To be attached using M6 stud (ROLLED THREAD)