**Straight Tooth System**, 20° Pressure Angle, teeth are ground and crowned, Tolerances acc. to DIN 3962/63/67

16MnCr5, 1.7131
Case-Hardened
Tooth. Qual. 6 e 25

**Helical Tooth System**, 19°31'42" left, 20° Pressure Angle, teeth are ground and crowned, Tolerances acc. to DIN 3962/63/67

16MnCr5, 1.7131
Case-Hardened
Tooth. Qual. 6 e 25

**Calculation of center distance a between pinion and rack.**

\[ a_o = \frac{d_{wz}}{2} + h_o \]
[Image of a document page with text about pinion for shrink-disk connection and specifications for straight tooth system and helical tooth system, including order codes, module sizes, and tooth counts, along with equations for calculating center distance.

**Straight Tooth System**, 20° Pressure Angle, teeth are ground and crowned, Tolerances acc. to DIN 3962/63/67

**Helical Tooth System**, 19°31’42” left, 20° Pressure Angle, teeth are ground and crowned, Qual. 6 e 25 corresp. to DIN 3962/63/67

*Gearing quality 4 e 22

Calculation of center distance a between pinion and rack.

\[ a_o = \frac{d_{ax}}{2} + h_b \]