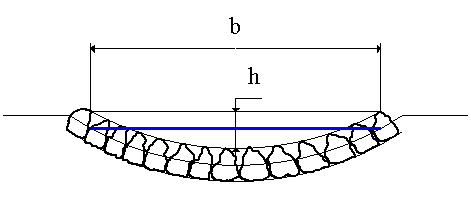
**Anhang 6.2 Leistungsfähigkeit von Raubettmulden nach Hartung-Scheuerlein**

**Tabelle A6.2.1: Leistungsfähigkeit von Raubettmulden nach Hartung-Scheuerlein**

**(einschließlich Sicherheitszuschlägen für Tiefe und Breite)**

****

vm mittlere Fließgeschwindigkeit im Querschnitt

dm mittlerer Steindurchmesser

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sohlengefälle | | I = 20 % (1:5) | | | I = 25 % (1:4) | | | I = 33 % (1:3) | | | I = 40 % (1:2,5) | | | I = 50 % (1:2) | | | I = 67 % (1:1,5) | | |
| Mittlere Steingröße dm | | 18 cm | 25 cm | 30 cm | 18 cm | 25 cm | 30 cm | 18 cm | 25 cm | 30 cm | 18 cm | 25 cm | 30 cm | 18 cm | 25 cm | 30 cm | 18 cm | 25 cm | 30 cm |
| Q = 0,100 m³/s | b  cm | 125 | 125 |  | 125 | 125 |  | 150 | 125 |  | 175 | 150 |  | 225 | 175 |  | 175 |  | 150 |
| h  cm | 20 | 20 |  | 20 | 20 |  | 20 | 20 |  | 20 | 20 |  | 20 | 20 |  | 20 |  | 20 |
| vm  m/s | 2,0 | 2,0 |  | 2,0 | 2,0 |  | 2,0 | 2,0 |  | 2,0 | 2,0 |  | 2,0 | 2,0 |  | 3,0 |  | 3,0 |
| Q = 0,200 m³/s | b  cm | 200 | 175 |  |  | 175 | 150 |  | 225 | 200 |  | 250 | 225 |  | 175 | 275 |  | 275 | 250 |
| h  cm | 20 | 20 |  |  | 20 | 25 |  | 20 | 25 |  | 20 | 25 |  | 25 | 25 |  | 20 | 20 |
| vm  m/s | 2,0 | 2,0 |  |  | 2,0 | 2,0 |  | 2,0 | 2,0 |  | 2,0 | 2,0 |  | 3,0 | 2,0 |  | 3,0 | 3,0 |
| Q = 0,300 m³/s | b  cm |  | 250 | 225 |  | 250 | 225 |  | 175 | 275 |  | 200 | 175 |  | 225 | 200 |  | 375 | 350 |
| h  cm |  | 25 | 25 |  | 25 | 25 |  | 25 | 25 |  | 25 | 25 |  | 25 | 25 |  | 25 | 20 |
| vm  m/s |  | 2,0 | 2,0 |  | 2,0 | 2,0 |  | 3,0 | 2,0 |  | 3,0 | 3,0 |  | 3,0 | 3,0 |  | 3,0 | 3,0 |
| Q = 0,400 m³/s | b  cm |  | 300 | 275 |  | 175 | 175 |  | 200 | 175 |  | 250 | 225 |  | 300 | 275 |  | 300 | 250 |
| h  cm |  | 25 | 25 |  | 30 | 30 |  | 30 | 30 |  | 25 | 30 |  | 25 | 30 |  | 25 | 30 |
| vm  m/s |  | 2,0 | 2,0 |  | 3,0 | 3,0 |  | 3,0 | 3,0 |  | 3,0 | 3,0 |  | 3,0 | 3,0 |  | 4,0 | 4,0 |
| Q = 0,500 m³/s | b  cm |  | 200 | 175 |  | 200 | 200 |  | 250 | 225 |  | 300 | 275 |  |  | 325 |  | 350 | (325) |
| h  cm |  | 30 | 35 |  | 30 | 35 |  | 30 | 30 |  | 30 | 30 |  |  | 30 |  | 25 | (30) |
| vm  m/s |  | 3,0 | 3,0 |  | 3,0 | 3,0 |  | 3,0 | 3,0 |  | 3,0 | 3,0 |  |  | 3,0 |  | 4,0 | (4,0) |

(hohe Fließgeschwindigkeit! Anwendung sollte nur in Ausnahmefällen erfolgen.)