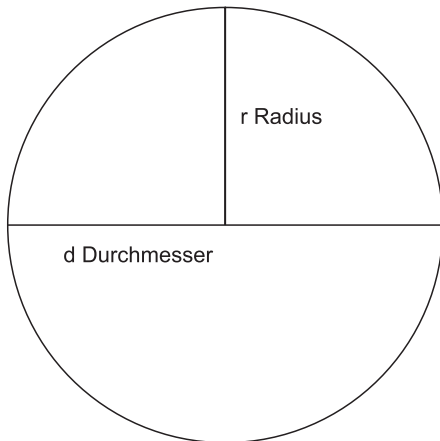


# Berechnung Ausleger Hohlraum zu Stangendurchmesser



Grundlage

Umfang:  $U = 2\pi r$  oder  $U = \pi d$

$\pi = 3,1416$

Stange $\emptyset$	Umfang	Band + 20mm	Flachliegend innen
15mm	47mm	70mm	25mm
20mm	63mm	80mm	30mm
25mm	79mm	100mm	40mm
30mm	95mm	120mm	50mm
40mm	126mm	140mm	60mm
50mm	157mm	180mm	80mm
60mm	190mm	210mm	100mm
70mm	220mm	240mm	110mm
90mm	290mm	310mm	150mm
100mm	314mm	330mm	160mm
120mm	380mm	400mm	200mm

Zahlen teilweise gerundet

Formel:  
Ausleger Durchmesser  
zu Hohlraum flachliegend innen ist 1,666

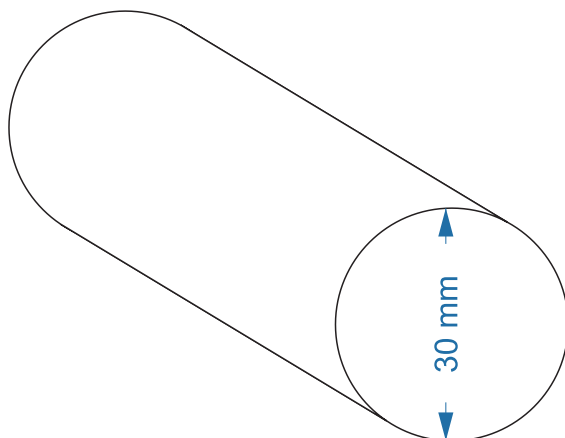
Beispiel:

Auslegerstange 30mm x 1,666 = 50mm innen

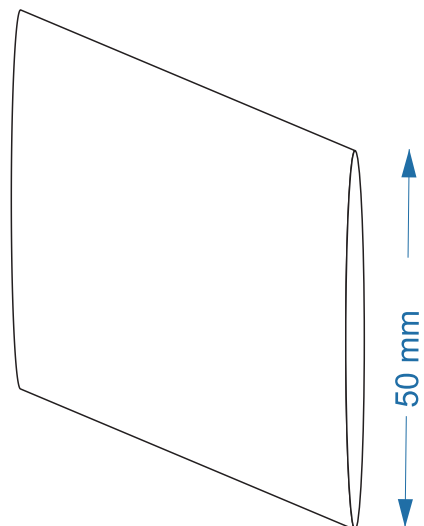
Formel:  
Ausleger Durchmesser  
zu Band ist  $1,666 \times 2 + 20$ mm

Beispiel:

Auslegerstange 30mm x 1,666 = 50mm  
 $\times 2 + 20 = 120$ mm



Hohlraum Durchmesser



Hohlraum Flachliegend