

FASTENER BLANKS

Die blanks

SIZES

OD between 10 to 80 mm

H between 10 to 80 mm

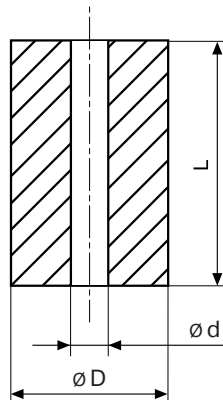
ID between 2 to 40 mm

TOLERANCES

As sintered condition (see table)

STANDARD GRADE

Grades available for impact applications with fracture toughness K_{1c} from 10 to 24



Tolerance Outer Diameter

øD	Length			
	10 - 20	20 - 40	40 - 60	60 - 80
10 - 20	+0.35 / +0.70	+0.40 / +0.85		
20 - 40	+0.65 / +1.10	+0.70 / +1.25	+0.75 / +1.40	+0.80 / +1.55
40 - 60	+0.95 / +1.50	+1.00 / +1.65	+1.05 / +1.80	+1.10 / +1.95
60 - 80	+1.25 / +1.90	+1.30 / +2.05	+1.35 / +2.20	+1.40 / +2.35

Tolerance Length

øD	Length			
	10 - 20	20 - 40	40 - 60	60 - 80
10 - 20	+0.30 / +0.75	+0.35 / +0.90		
20 - 40	+0.35 / +0.90	+0.40 / +1.05	+0.45 / +1.20	+0.50 / +1.35
40 - 60	+0.40 / +1.05	+0.45 / +1.20	+0.50 / +1.35	+0.55 / +1.50
60 - 80	+0.45 / +1.20	+0.50 / +1.35	+0.55 / +1.50	+0.60 / +1.65

Tolerance Inner Diameter

ød	Length			
	10 - 20	20 - 40	40 - 60	60 - 80
2 - 10	-0.25 / -0.50	-0.30 / -0.60		
10 - 20	-0.25 / -0.60	-0.30 / -0.70	-0.35 / -0.80	-0.40 / -0.90
20 - 30	-0.25 / -0.70	-0.30 / -0.80	-0.35 / -0.90	-0.40 / -1.00
30 - 40	-0.25 / -0.80	-0.30 / -0.90	-0.35 / -1.00	-0.40 / -1.10

OPTIONS

Semi-finished

Additional sizes and tolerances, grades and quantities are available upon request.



SANDVIK HYPERION
www.hyperion.sandvik.com
info.sandvikhperion@sandvik.com

