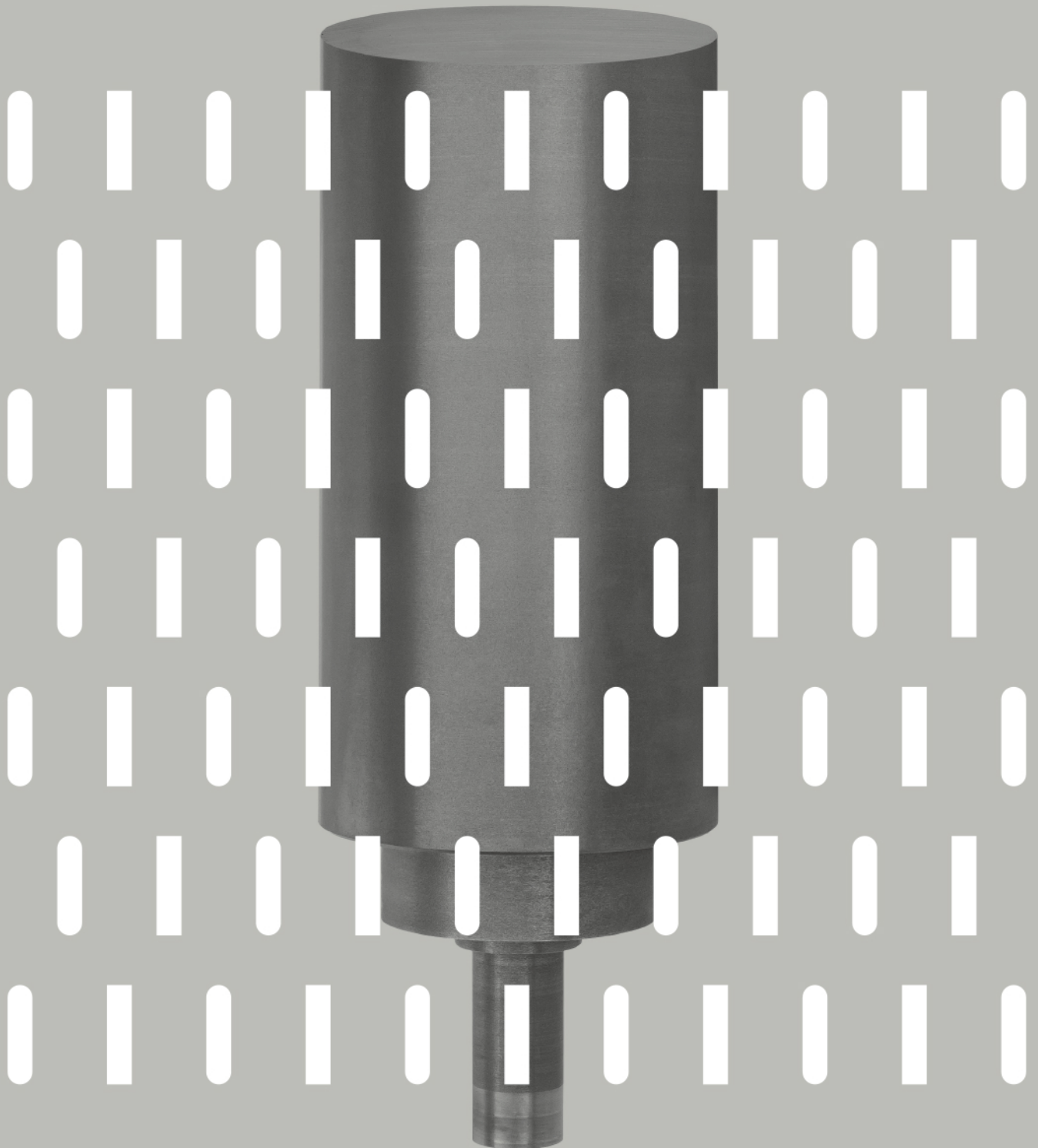


HANSBAR

CHARACTERISTIC SHEET



HANSBAR

YES, IT'S HERE. IT'S HANSBAR.

Materials Designation	Relevant wall Thickness	0.2% proof strength	Tensile strength	Elongation	Brinell Hardness	Minimum Impact Energy		
	Diameter D (mm)	Mpa min.	Mpa min.	% min.	HB max.	Temp. °C	Mean J	Individual J
HANSBAR H1	D≤50		155		223			
	50<D≤100		140					
	100<D≤200		125					
	200<D		115					
HANSBAR H2	D≤50		195		240			
	50<D≤100		180					
	100<D≤200		165					
	200<D		155					
HANSBAR H3	D≤50		220		262			
	50<D≤100		205					
	100<D≤200		195					
	200<D		185					
HANSBAR HD3LT	D<100	220	350	22	160	-40±2	12	9
	100≤D	210	330	18		-40±2	10	7
HANSBAR HD4LT	D<100	240	400	18	180	-20±2	12	9
	100≤D	230	380	15		-20±2	10	7
HANSBAR HD4	D<100	240	400	18	180	23±5	14	11
	100≤D	230	380	15		23±5	12	9
HANSBAR HD5	D≤60	320	500	7	240			
	60<D≤200	300	450	7				
	200<D	290	420	5				
HANSBAR HD6	D≤60	370	600	3	290			
	60<D≤200	360	600	2				
	200<D	340	550	1				
HANSBAR HD7	D≤60	420	700	2	305			
	60<D≤200	400	700	2				
	200<D	380	650	1				

- Brinell hardness and its range values shall only be specified when agreed between the manufacturer and the customer by the time of acceptance of the order.
- Custom characteristics is available, please contact us.