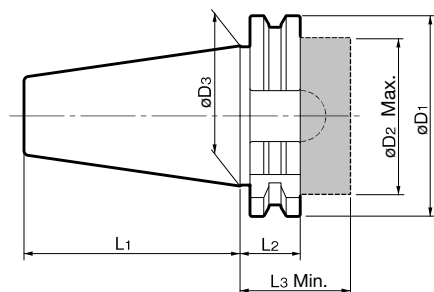


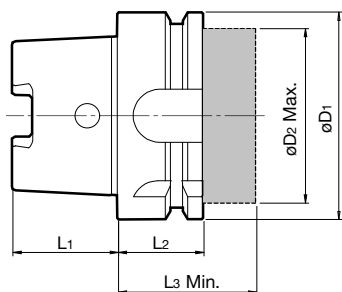
BT Shank (MAS 403 JIS B6339 ISO 7388-2)

BBT(BT)No.	øD ₁	øD ₂	L ₁	L ₂
30	46	31.75	48.4	22
40	63	44.45	65.4	27
50	100	69.85	101.8	38



DV Shank (DIN 69871 ISO 7388-1)

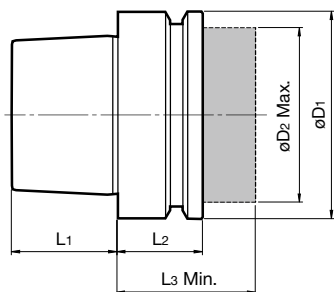
BDV(DV)No.	øD ₁	øD ₂ Max.	øD ₃	L ₁	L ₂	L ₃ Min.
30	50	45	31.75	47.8	19.1	35
40	63.55	50	44.45	68.4	19.1	35
50	97.5	80	69.85	101.75	19.1	35



HSK-A Shank (DIN 69893-1 ISO 12164-1)

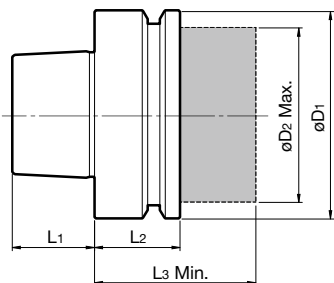
HSK-T Shank (ISO 12164-3)

HSK No.	øD ₁	øD ₂ Max.	L ₁	L ₂	L ₃ Min.
A 40	40	34	20	20	35
A 50	50	42	25	26	42
A 63	63	53	32	26	42
A100	100	88	50	29	45
A125	125	111	63	29	45
T 50	50	49	25	26	30
T 63	63	62	32	26	30
T100	100	99	50	29	34



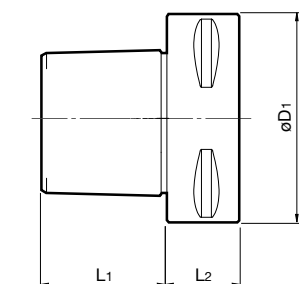
HSK-E Shank (DIN 69893-5)

HSK No.	øD ₁	øD ₂ Max.	L ₁	L ₂	L ₃ Min.
E25	25	20	13	10	20
E32	32	26	16	20	35
E40	40	34	20	20	35
E50	50	42	25	26	42



HSK-F63 Shank (DIN 69893-6)

HSK No.	øD ₁	øD ₂ Max.	L ₁	L ₂	L ₃ Min.
F63	63	53	25	26	42



Polygon Taper Shank (ISO 26623-1)

C No.	øD ₁	L ₁	L ₂
C3	32	19	15
C4	40	24	20
C5	50	30	20
C6	63	38	22
C8	80	48	30