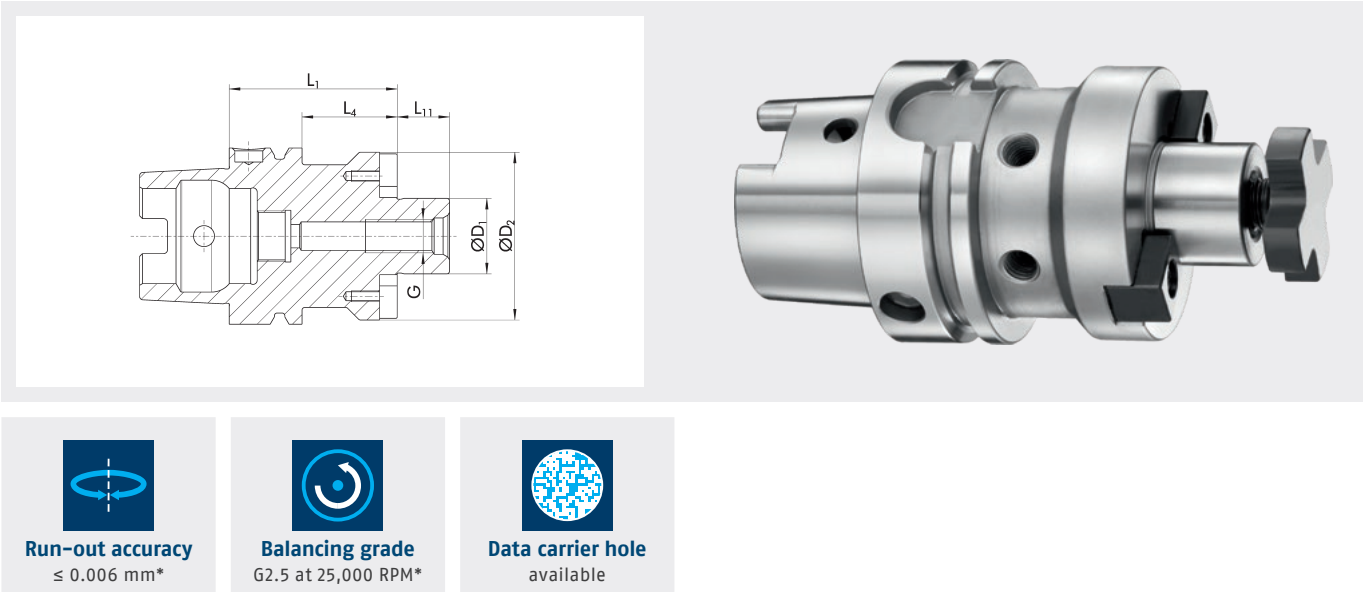




Face mill arbors
Robust. Fast. Proven.

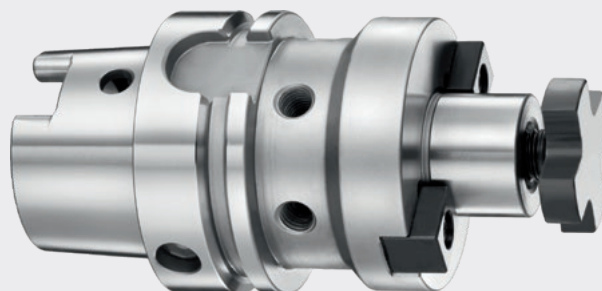
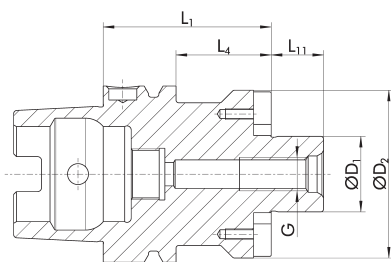
MES HSK-A 40
Face mill arbors



Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23000670	16 mm	M8	38	50	30	17	0.49
23000618	22 mm	M10	48	60	40	19	0.76

*Run-out accuracy: measured from the taper to D1
 *Balancing grade: or Umax < 1 gmm
 Additional sizes and customized designs are available upon request
 Cool Flow available on request



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
available

Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23000671	16 mm	M8	38	50	24	17	0.68
23000266	22 mm	M10	48	60	34	19	1.2
23000672	27 mm	M12	60	60	34	21	1.09

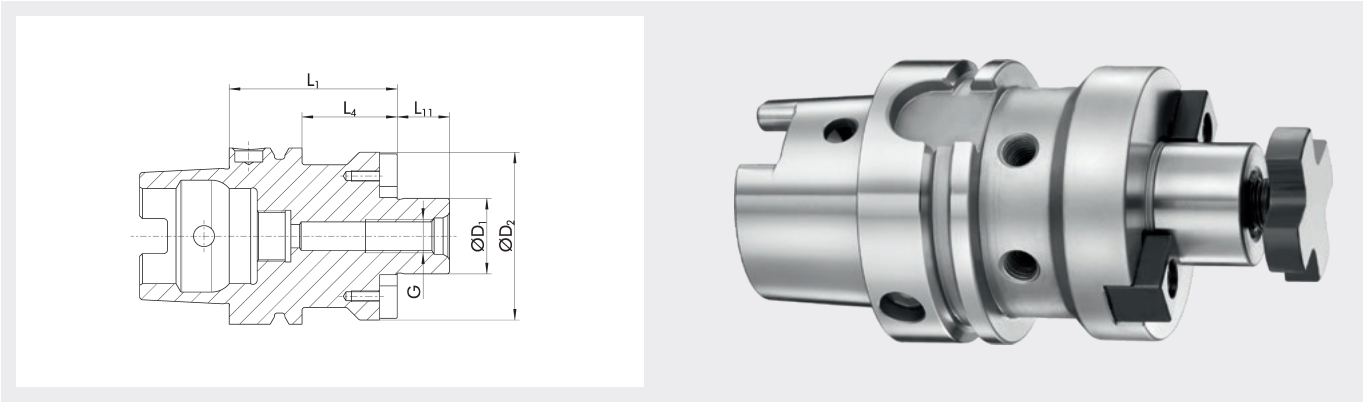
*Run-out accuracy: measured from the taper to D1

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Cool Flow available on request

MES HSK-A 63
Face mill arbors



Run-out accuracy
≤ 0.006 mm*

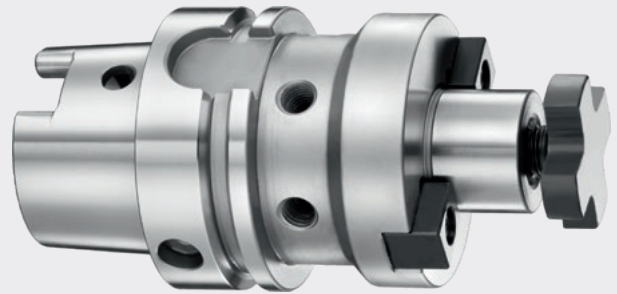
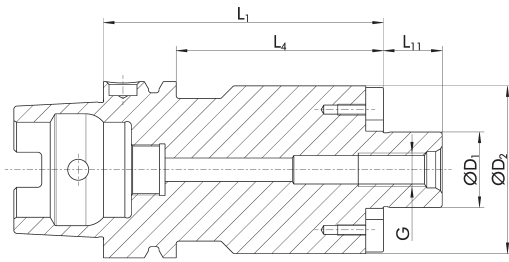
Balancing grade
G2.5 at 25,000 RPM*

Data carrier hole
available

Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
0263640	16 mm	M8	38	50	24	17	0.94
0263641	22 mm	M10	48	50	24	19	1.11
0263642	27 mm	M12	60	60	34	21	1.45
0263643	32 mm	M16	78	60	34	24	1.85
0263644	40 mm	M20	89	60	34	27	2.14

*Run-out accuracy: measured from the taper to D1
*Balancing grade: or Umax < 1 gmm
Additional sizes and customized designs are available upon request
Cool Flow available on request



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
available

Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23000833	16 mm	M8	38	100	74	17	1.35
23000341	22 mm	M10	48	100	74	19	1.87
23000063	27 mm	M12	60	100	74	21	2.32
23000343	32 mm	M16	78	100	74	24	3.32
23000684	40 mm	M20	89	100	74	27	3.94

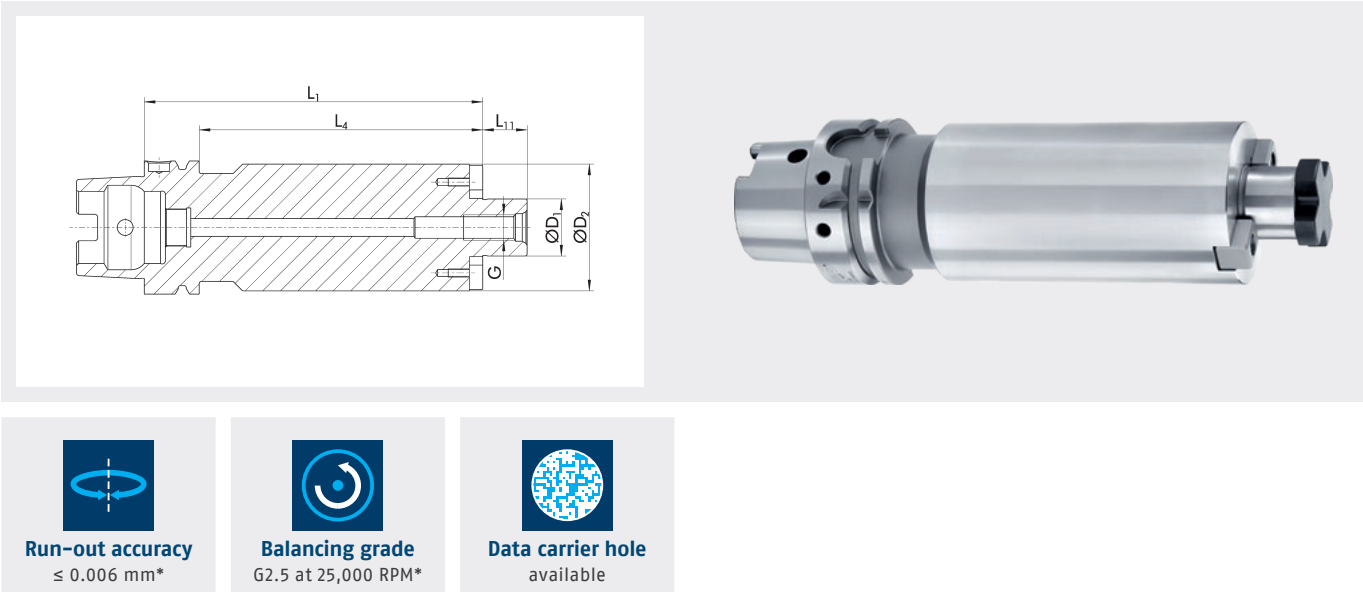
*Run-out accuracy: measured from the taper to D1

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Cool Flow available on request

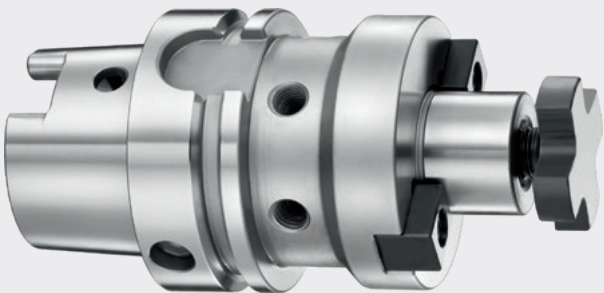
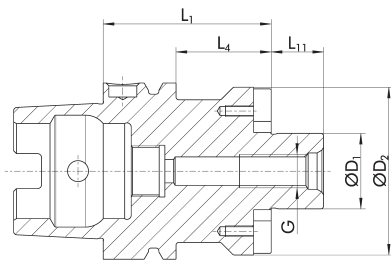
MES HSK-A 63 L1=160
 Face mill arbors



Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23003151	16 mm	M8	38	160	134	17	1.89
23000691	22 mm	M10	48	160	134	19	2.8
23000692	27 mm	M12	60	160	134	21	3.64
23000694	32 mm	M16	78	160	134	24	5.56

*Run-out accuracy: measured from the taper to D1
 *Balancing grade: or Umax < 1 gmm
 Additional sizes and customized designs are available upon request
 Cool Flow available on request



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
available

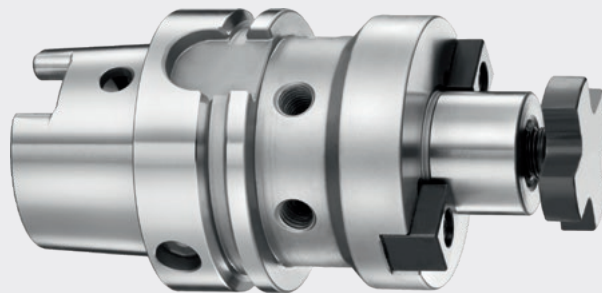
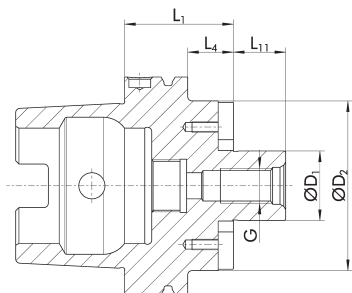
Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
1598616	22 mm	M8	48	50	24	19	1.495
1598617	27 mm	M10	60	50	24	21	1.765
1598618	32 mm	M12	78	60	34	24	2.455
1598619	40 mm	M16	89	60	34	27	2.5

*Run-out accuracy: measured from the taper to D1
*Balancing grade: or Umax < 1 gmm
Additional sizes and customized designs are available upon request
Cool Flow available on request

MES HSK-A 100

Face mill arbors



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
available

Technical data

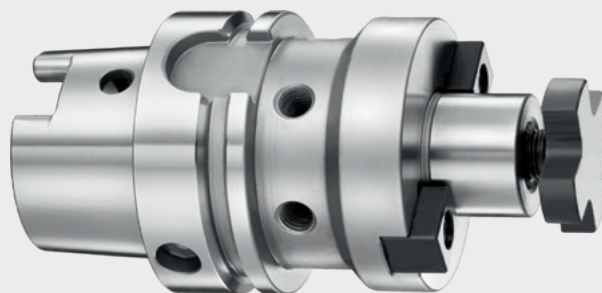
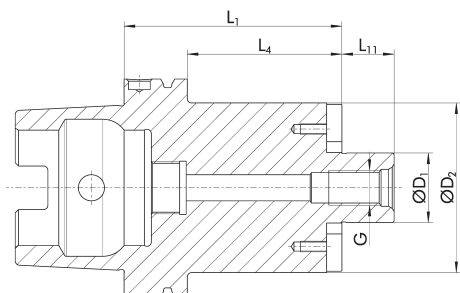
ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23001901	16 mm	M8	38	50	21	17	2.32
23001902	22 mm	M10	48	50	21	19	2.48
23001903	27 mm	M12	60	50	21	21	2.67
23001904	32 mm	M16	78	50	21	24	3.07
23001905	40 mm	M20	89	60	31	27	3.73
23002895	60 mm	M32	140	70	41	40	7.46

*Run-out accuracy: measured from the taper to D1

*Balancing grade: or $U_{max} < 1 \text{ gmm}$

Additional sizes and customized designs are available upon request

Cool Flow available on request



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
available

Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23001907	16 mm	M8	38	100	71	17	2.88
23001908	22 mm	M10	48	100	71	19	3.3
23001909	27 mm	M12	60	100	71	21	3.79
23001910	32 mm	M16	78	100	71	24	4.6
23001911	40 mm	M20	89	100	71	27	5.56

*Run-out accuracy: measured from the taper to D1

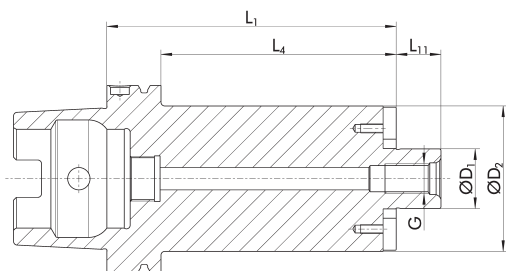
*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Cool Flow available on request

MES HSK-A 100 L1=160

Face mill arbors



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
available

Technical data

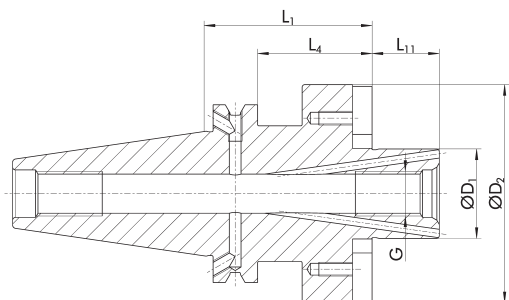
ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23001913	16 mm	M8	38	160	131	17	3.52
23001914	22 mm	M10	48	160	131	19	4.28
23001915	27 mm	M12	60	160	131	21	5.12
23001916	32 mm	M16	78	160	131	24	7.15
23001917	40 mm	M20	89	160	131	27	8.34

*Run-out accuracy: measured from the taper to D1

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

Cool Flow available on request



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
available

Technical data

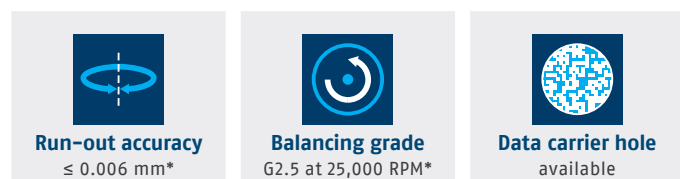
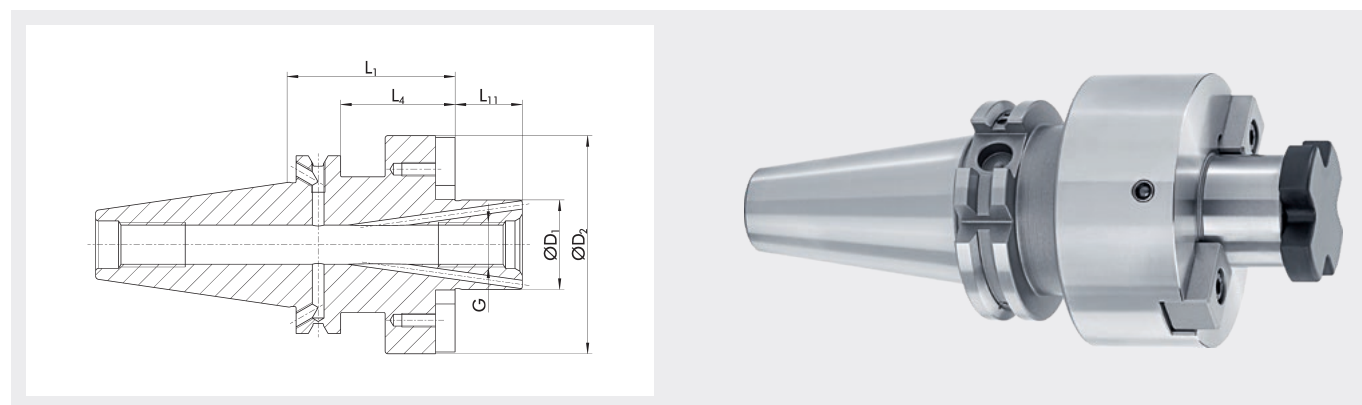
ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23000663	16 mm	M8	38	35	15.9	17	0.99
0263660	22 mm	M10	48	35	15.9	19	1.13
0263661	27 mm	M12	50	35	15.9	21	1.18
0263662	32 mm	M16	78	50	30.9	24	1.82

*Run-out accuracy: measured from the taper to D1

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

MES CF SK 40 L1=60
Face mill arbors



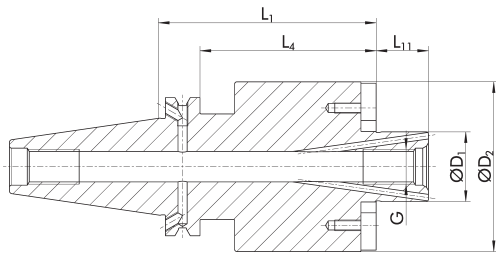
Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
1324586	16 mm	M8	38	60	40.9	17	1.195
1324293	22 mm	M10	48	60	40.9	19	1.5
1324745	27 mm	M12	50	60	40.9	21	1.55
1324746	32 mm	M16	78	60	50.9	24	2.535
1324747	40 mm	M20	89	70	50.9	27	2.99

*Run-out accuracy: measured from the taper to D1

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
available

Technical data

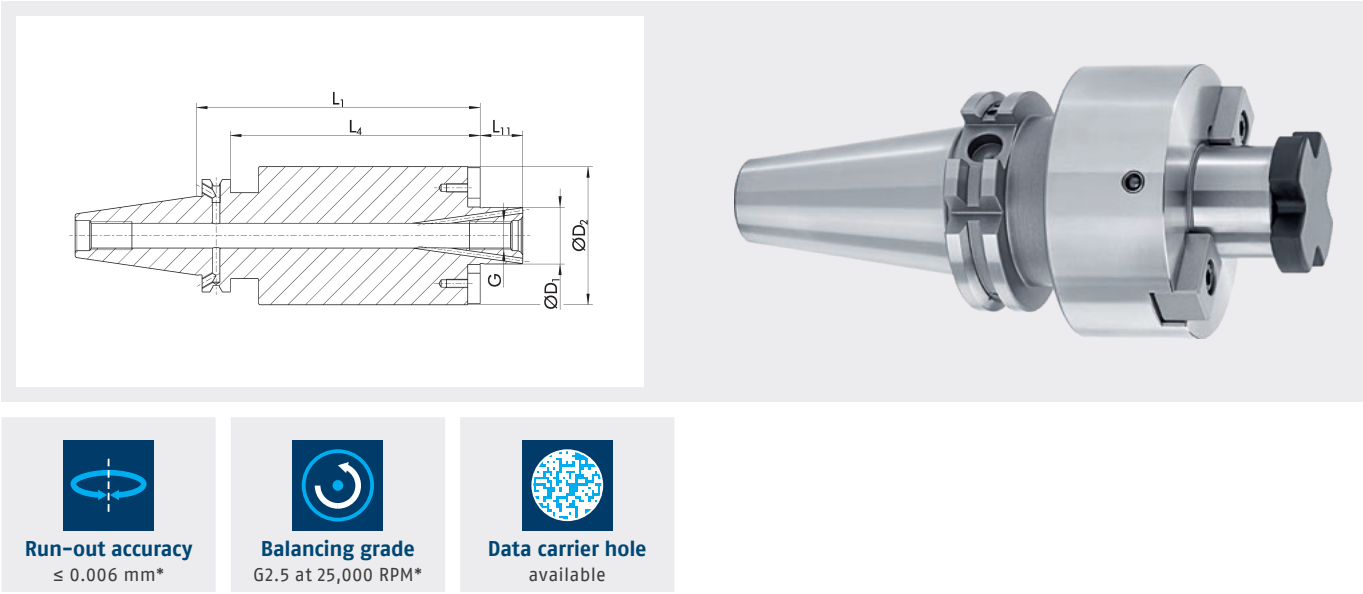
ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23002488	16 mm	M8	38	100	80.9	17	1.59
23002336	22 mm	M10	48	100	80.9	19	2
23000879	27 mm	M12	50	100	80.9	21	2.58
23000942	32 mm	M16	78	100	80.9	24	3.67

*Run-out accuracy: measured from the taper to D1

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

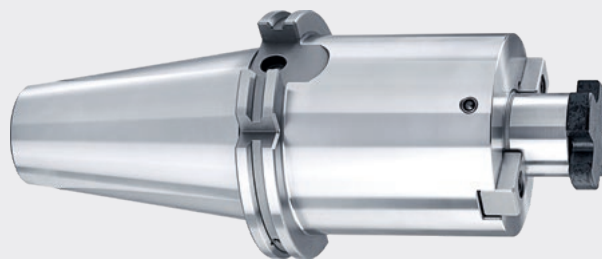
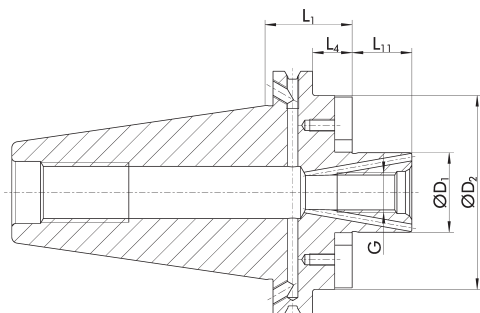
MES CF SK 40 L1=160
 Face mill arbors



Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23000944	22 mm	M10	48	160	140.9	19	2.81
23000945	27 mm	M12	50	160	140.9	21	3.84
23000946	32 mm	M16	78	160	140.9	24	5.97

*Run-out accuracy: measured from the taper to D1
 *Balancing grade: or Umax < 1 gmm
 Additional sizes and customized designs are available upon request



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
available

Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23000512	22 mm	M10	48	35	15.9	19	3.08
23000513	27 mm	M12	60	35	15.9	21	3.26
23000514	32 mm	M16	78	35	15.9	24	3.55
23000649	40 mm	M20	89	50	30.9	27	4.37

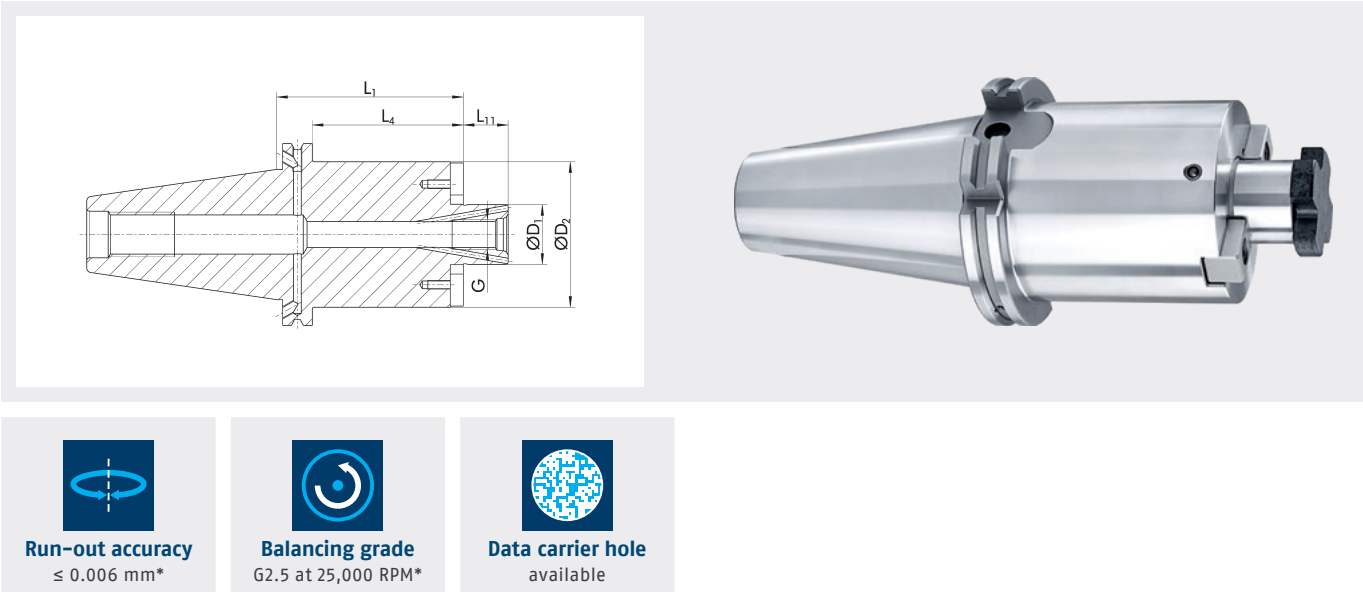
*Run-out accuracy: measured from the taper to D1

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

MES CF SK 50 L1=100

Face mill arbors



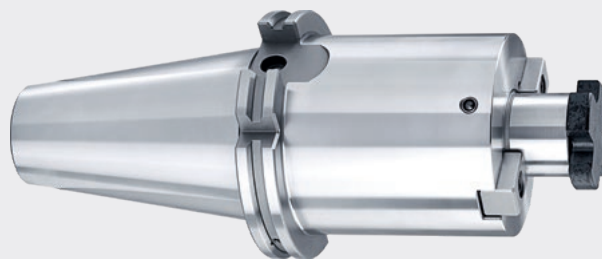
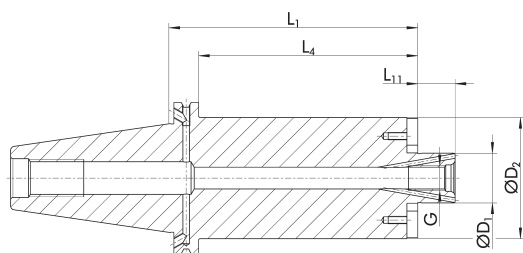
Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23000554	22 mm	M10	48	100	80.9	19	4.02
23000555	27 mm	M12	60	100	80.9	21	4.62
23000556	32 mm	M16	78	100	80.9	24	5.94
23004129	40 mm	M20	89	100	80.9	27	6.76

*Run-out accuracy: measured from the taper to D1

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
available

Technical data

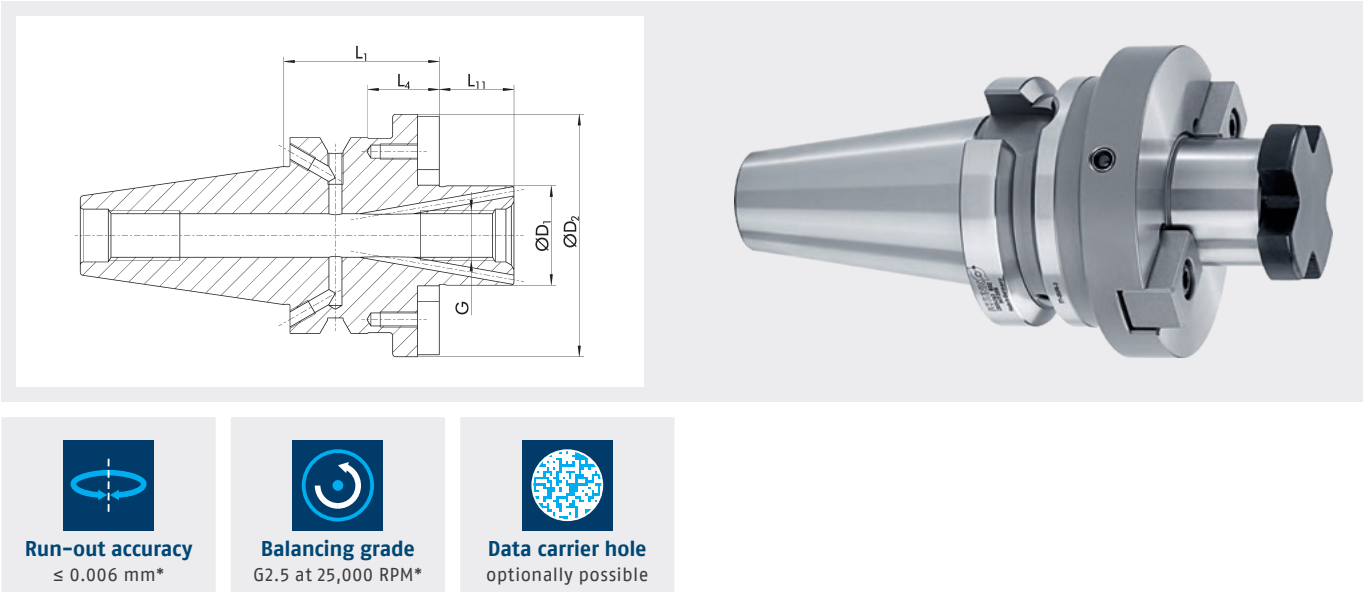
ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23002948	22 mm	M10	48	160	140.9	19	4.9
23002949	27 mm	M12	60	160	140.9	21	6.08
23004115	32 mm	M16	78	160	140.9	24	8.16
23004131	40 mm	M20	89	160	140.9	27	9.65

*Run-out accuracy: measured from the taper to D1

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

MES CF JIS-BT 40
Face mill arbors



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*

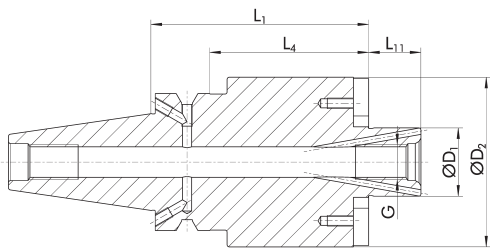


Data carrier hole
optionally possible

Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23004360	16 mm	M8	38	35	8	17	1.1
23004361	22 mm	M10	48	35	8	19	1.17
23004362	27 mm	M12	60	35	8	21	1.29
23004363	32 mm	M16	78	50	23	24	1.98
23004364	40 mm	M20	89	50	23	27	2.01

*Run-out accuracy: measured from the taper to D1
 *Balancing grade: or Umax < 1 gmm
 Additional sizes and customized designs are available upon request



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
optionally possible

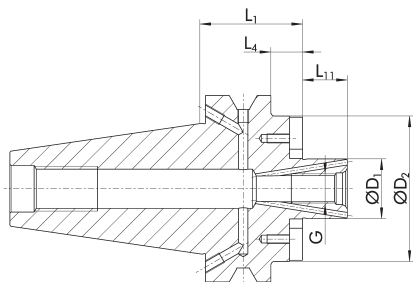
Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23004365	16 mm	M8	38	100	73	17	1.7
23004366	22 mm	M10	48	100	73	19	2
23004367	27 mm	M12	60	100	73	21	2.5
23004368	32 mm	M16	78	100	73	24	3.85

*Run-out accuracy: measured from the taper to D1
*Balancing grade: or Umax < 1 gmm
Additional sizes and customized designs are available upon request

MES CF JIS-BT 50

Face mill arbors



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
optionally possible

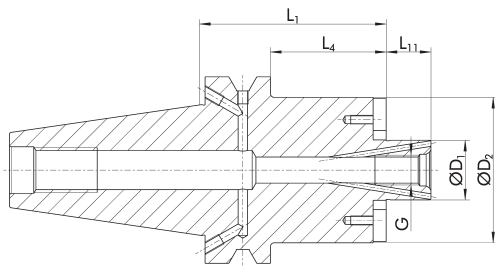
Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23004378	22 mm	M8	48	55	17	19	4.19
23004379	27 mm	M10	60	55	17	21	4.41
23004380	32 mm	M12	78	55	17	24	4.85
23004381	40 mm	M16	89	55	17	27	5.22

*Run-out accuracy: measured from the taper to D1

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
optionally possible

Technical data

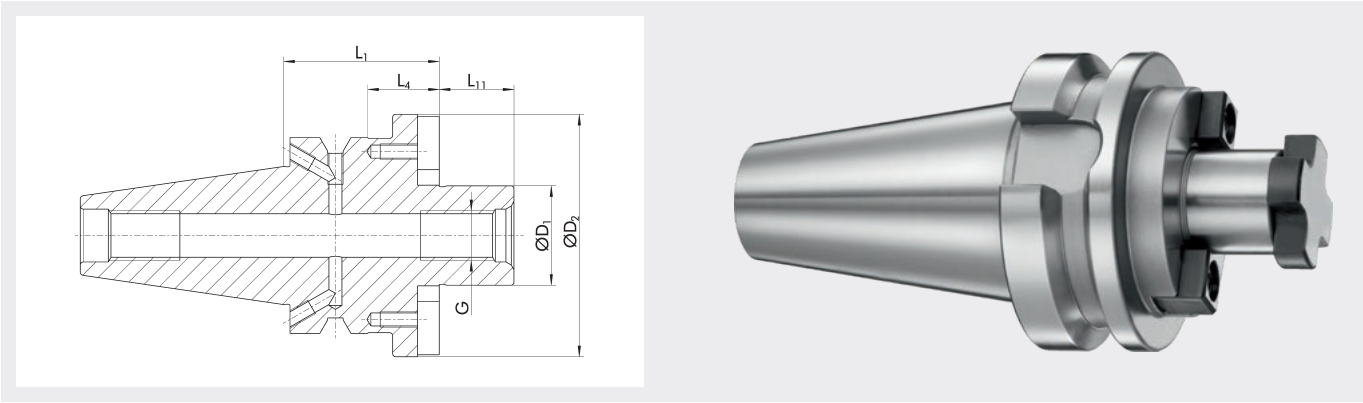
ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23004382	22 mm	M8	48	100	62	19	4.86
23004383	27 mm	M10	60	100	62	21	5.38
23004384	32 mm	M12	78	100	62	24	6.5

*Run-out accuracy: measured from the taper to D1

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

MES BT-DC 30
 Face mill arbors



Run-out accuracy
 ≤ 0.006 mm*

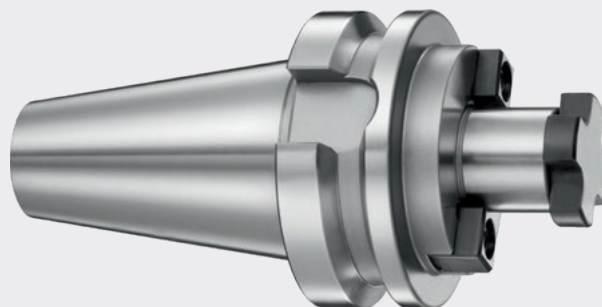
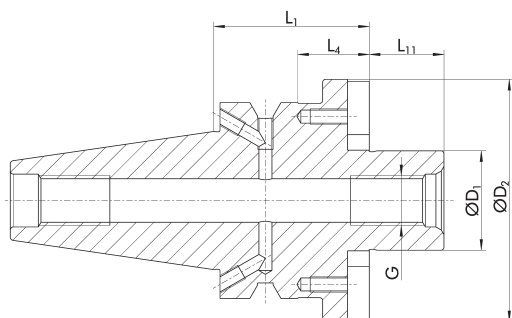
Balancing grade
 G2.5 at 25,000 RPM*

Data carrier hole
 optionally possible

Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
1428093	22 mm	M10	48	35	13	19	1
1428100	27 mm	M12	60	35	13	21	1

*Run-out accuracy: measured from the taper to D1
 *Balancing grade: or Umax < 1 gmm
 Additional sizes and customized designs are available upon request
 Cool Flow available on request



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
optionally possible

Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
1410341	22 mm	M10	48	35	8	19	1
1410354	27 mm	M12	60	35	8	21	1
1410359	32 mm	M16	78	50	23	24	1

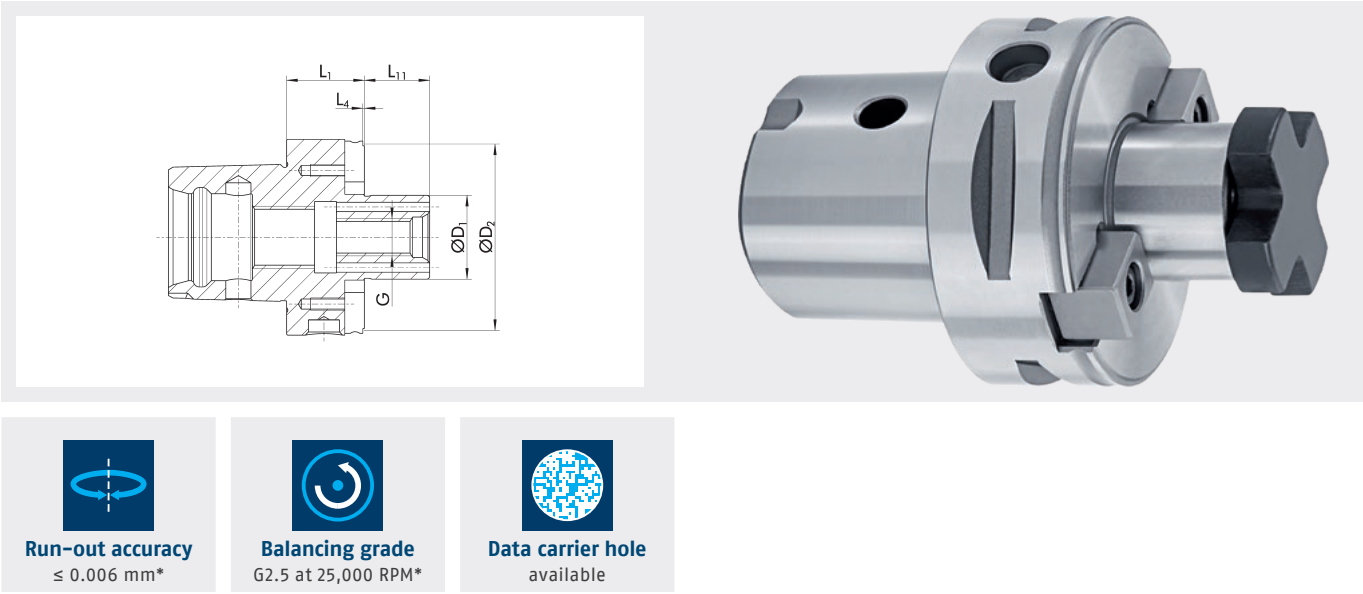
*Run-out accuracy: measured from the taper to D1

*Balancing grade: or U_{max} < 1 gmm

Additional sizes and customized designs are available upon request

Cool Flow available on request

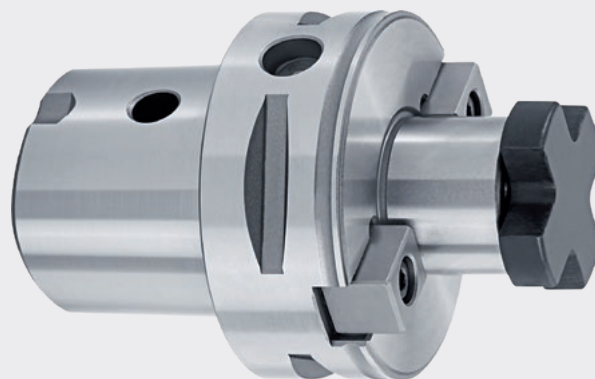
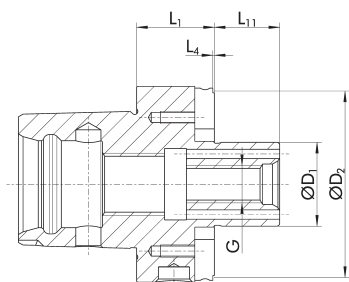
MES CF SCHUNK CAPTO C4
Face mill arbors



Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23004437	16 mm	M8	38	32	9.5	17	0.395
23004438	22 mm	M10	48	25	12.5	19	0.325

*Run-out accuracy: measured from the taper to D1
 *Balancing grade: or Umax < 1 gmm
 Additional sizes and customized designs are available upon request



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
available

Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23004450	16 mm	M8	38	35	12.5	17	0.605
23004451	22 mm	M10	48	25	2.5	19	0.57
23004452	27 mm	M12	60	25	2.5	21	0.545
23004453	32 mm	M16	63	40	17.5	24	0.935

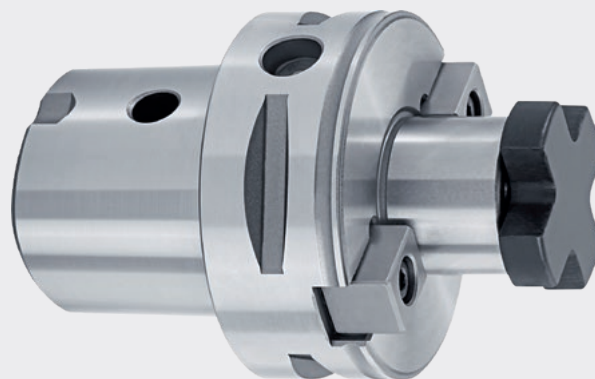
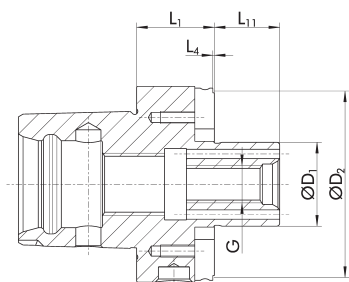
*Run-out accuracy: measured from the taper to D1

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

MES CF SCHUNK CAPTO C6

Face mill arbors



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
available

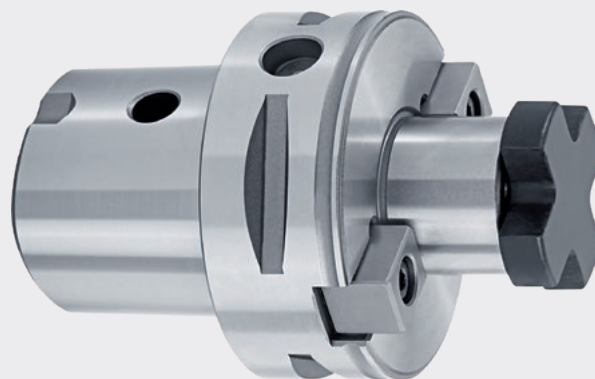
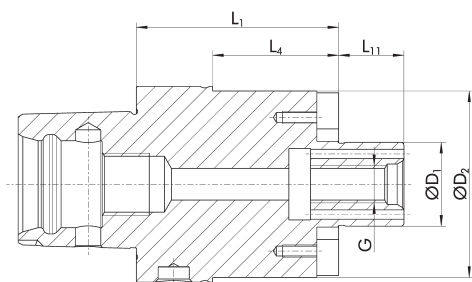
Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23004454	16 mm	M8	38	40	15.5	17	0.9
23004455	22 mm	M10	48	25	0.5	19	0.83
23004456	27 mm	M12	60	25	0.5	21	0.87
23004457	32 mm	M16	63	25	0.5	24	0.91

*Run-out accuracy: measured from the taper to D1

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
available

Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23004458	16 mm	M8	38	65	40.5	17	1.215
23004459	22 mm	M10	48	65	40.5	19	1.475
23004460	27 mm	M12	60	65	40.5	21	1.835
23004461	32 mm	M16	63	65	40.5	24	1.99

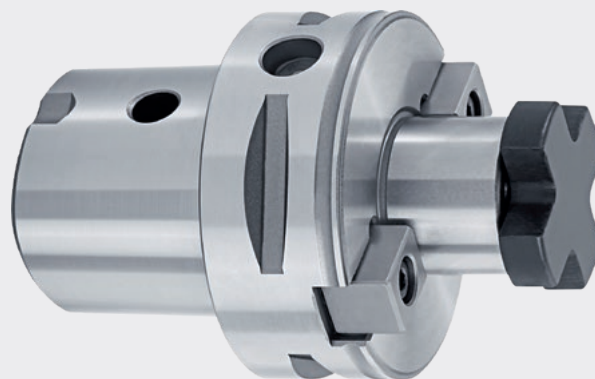
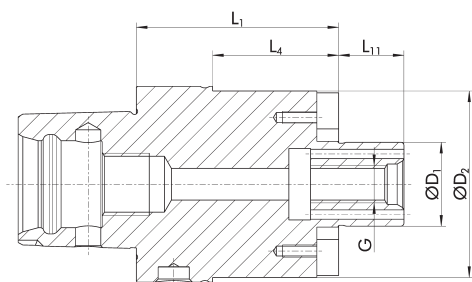
*Run-out accuracy: measured from the taper to D1

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request

MES CF SCHUNK CAPTO C 8 L1=50

Face mill arbors



Run-out accuracy
≤ 0.006 mm*



Balancing grade
G2.5 at 25,000 RPM*



Data carrier hole
available

Technical data

ID	D1 [mm]	G	D2 [mm]	L1 [mm]	L4 [mm]	L11 [mm]	Weight [kg]
23004462	16 mm	M8	38	50	17.5	17	2.065
23004463	22 mm	M10	48	50	17.5	19	2.19
23004464	27 mm	M12	60	50	17.5	21	2.39
23004465	32 mm	M16	63	60	27.5	24	3.095
1422522	40 mm	M20	89	60	27.5	27	3.095

*Run-out accuracy: measured from the taper to D1

*Balancing grade: or Umax < 1 gmm

Additional sizes and customized designs are available upon request



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