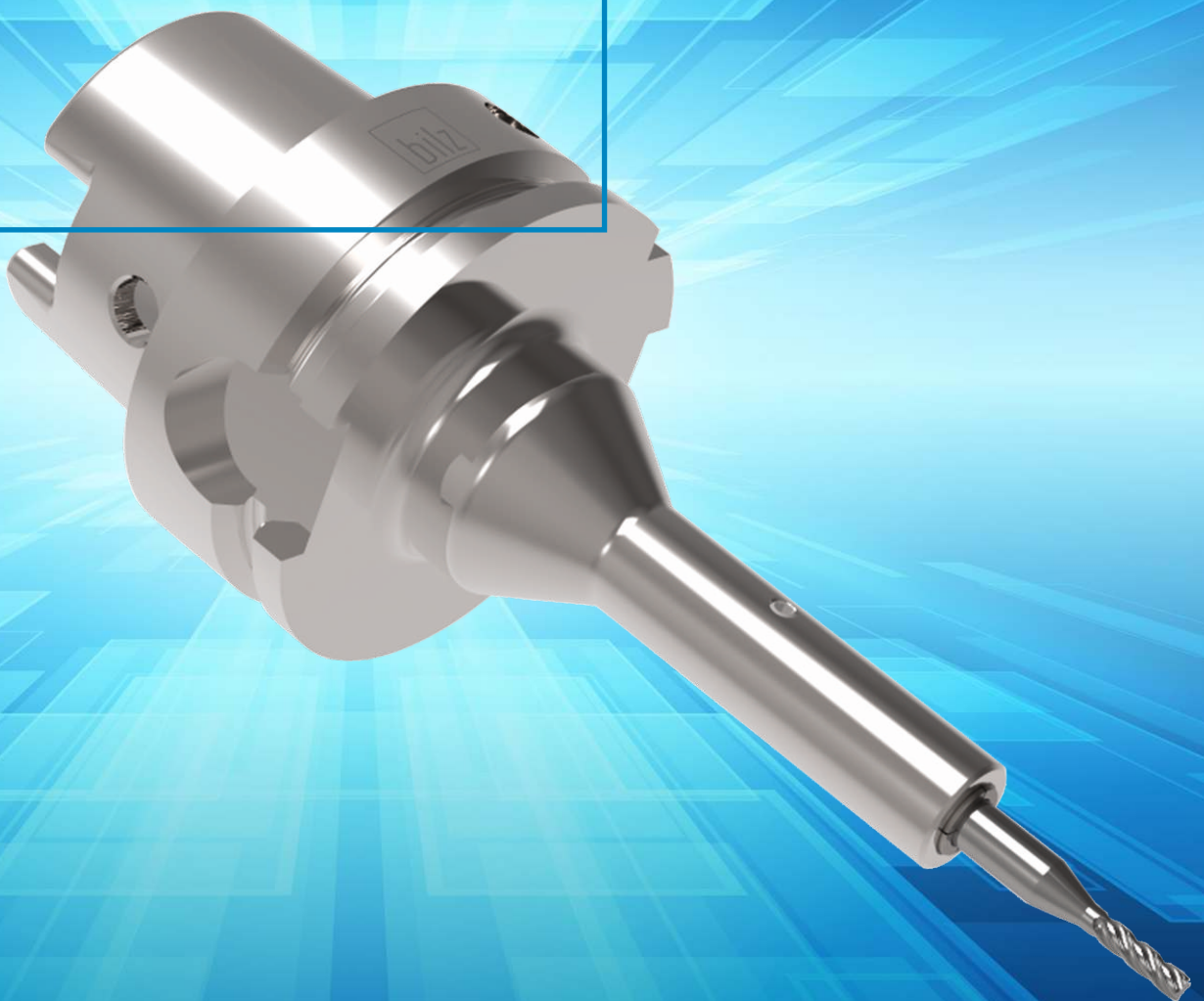
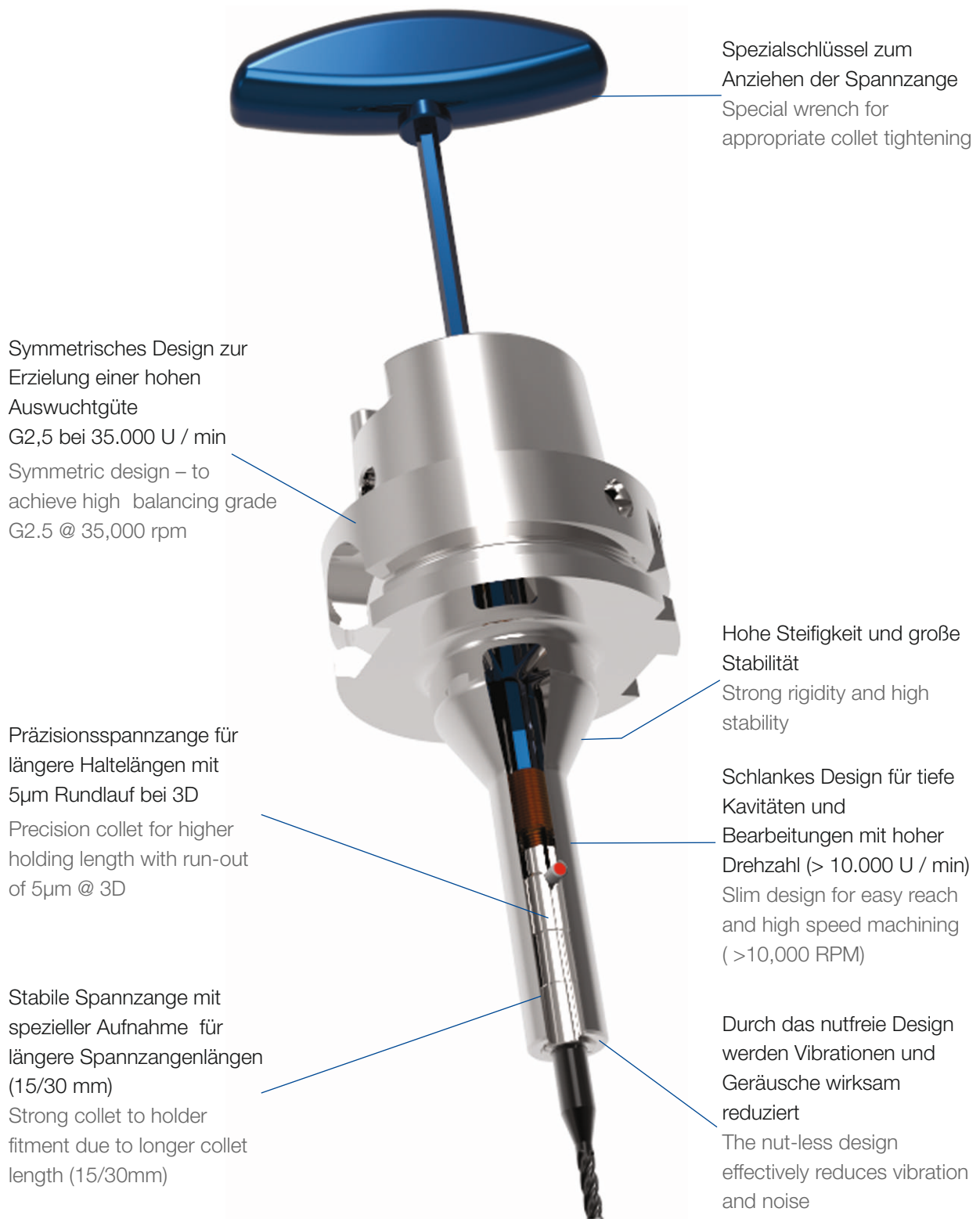
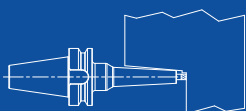


Micro-Spannzangenhalter
Micro collet holder

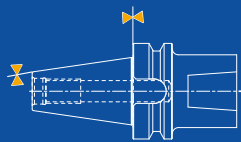




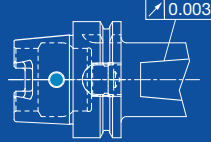
Schlankes Design für tiefe Kavitäten
Slim design for easy reach



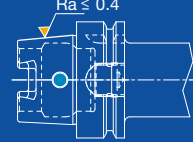
Steilkegel mit Plananlage
Dual Face Contact



Hohe Rundlaufgenauigkeit
High run-out accuracy

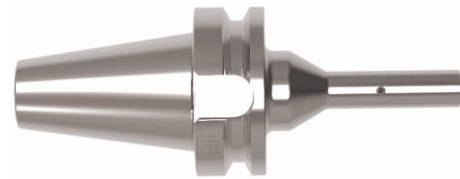
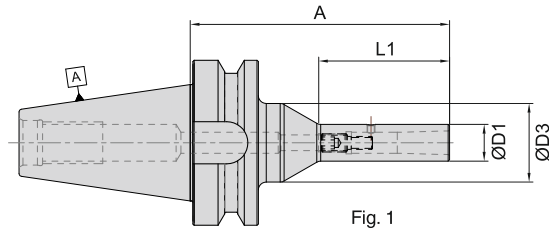


Oberflächengüte
Surface finish



Micro-Spannzangenhalter (BT)

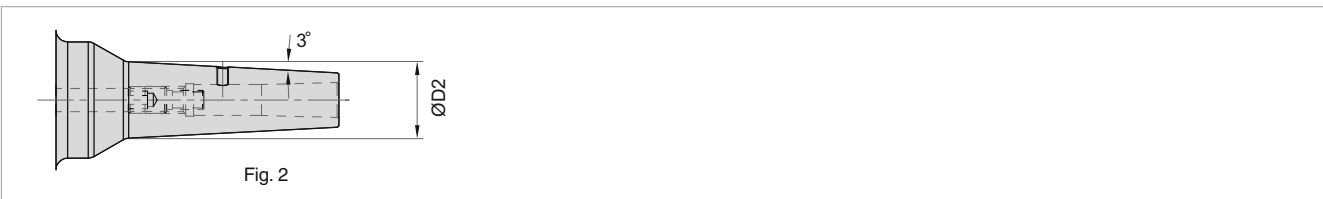
Micro collet holder (BT)



FBT30														
Spannzange Collet Type	Bereich Range	A (mm)	L1 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	Kühlmittelzufuhr Coolant supply	Fig.	N/W (Kg)	Bezeichnung Designation	Ident No.			
MC10	3-4	90	45	10	-	22	Form "AD"	1	0,45	WMCH/D10-90/FBT30	5153133			
MC14	3-6	90	40	14	-	30	Form "AD"	1	0,55	WMCH/D14-90/FBT30	5153134			
MC14	3-6	120	70	14	21.3	30	Form "AD"	2	0,65	WMCH/D14-120/FBT30	5153135			

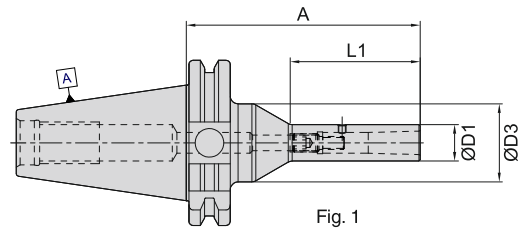
FBT40														
Spannzange Collet Type	Bereich Range	A (mm)	L1 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	Kühlmittelzufuhr Coolant supply	Fig.	N/W (Kg)	Bezeichnung Designation	Ident No.			
MC14	3-6	90	40	14	-	30	Form "AD"	1	0,55	WMCH/D14-90/FBT40	5153136			
MC14	3-6	120	70	14	21.3	30	Form "AD"	2	1,20	WMCH/D14-120/FBT40	5153138			

Ersatzteile und Zubehör / Spare Parts & Accessories:



For technical details please refer the technical pages given and also the instruction manual provided in the packing box.

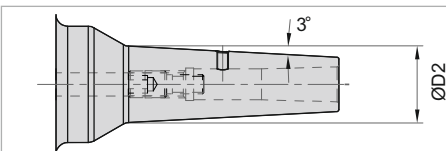
Micro-Spannzangenhalter (SK)
Micro collet holder (SK)



SK40														
Spannzange Collet Type	Bereich Range	A (mm)	L1 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	Kühlmittelzufuhr Coolant supply	Fig.	N/W (Kg)	Bezeichnung Designation	Ident No.			
MC14	3-6	90	40	14	-	30	Form "AD"	1	0,95	WMCH/D14-90/FSK40	5153139			
MC14	3-6	120	70	14	21.3	30	Form "AD"	2	1,05	WMCH/D14-120/FSK40	5153140			

Steilkegel mit Plananlage (FSK) / All holders are FSK - Face contact holders (dual contact).

Ersatzteile und Zubehör / Spare Parts & Accessories:



For technical details please refer the technical pages given and also the instruction manual provided in the packing box.

Micro-Spannzangenhalter (HSK)

Micro collet holder (HSK)

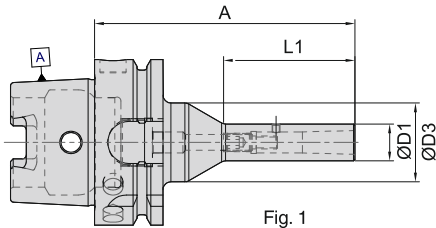


Fig. 1



HSK-A50



Spannzange Collet Type	Bereich Range	A (mm)	L1 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	Kühlmittelzufuhr Coolant supply	Fig.	N/W (Kg)	Bezeichnung Designation	Ident No.
MC10	3-4	90	45	10	-	22	Form "AD"	1	0,45	WMCH/D10-90/HSK-A50	5153141
MC14	3-6	90	40	14	-	30	Form "AD"	2	0,50	WMCH/D14-90/HSK-A50	5153142

HSK-A63



Spannzange Collet Type	Bereich Range	A (mm)	L1 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	Kühlmittelzufuhr Coolant supply	Fig.	N/W (Kg)	Bezeichnung Designation	Ident No.
MC14	3-6	90	40	14	-	30	Form "AD"	1	0,80	WMCH/D14-90/HSK-A63	5153143
MC14	3-6	120	70	14	21.3	30	Form "AD"	2	0,90	WMCH/D14-120/HSK-A63	5153144

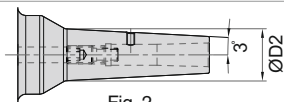


Fig. 2

Micro-Spannzangenhalter (HSK-E)

Micro collet holder (HSK-E)

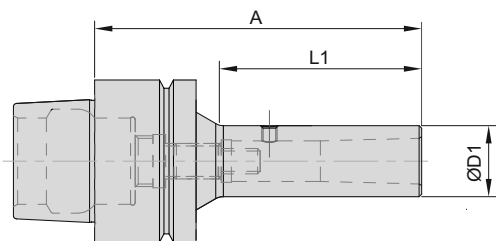


Fig. 1

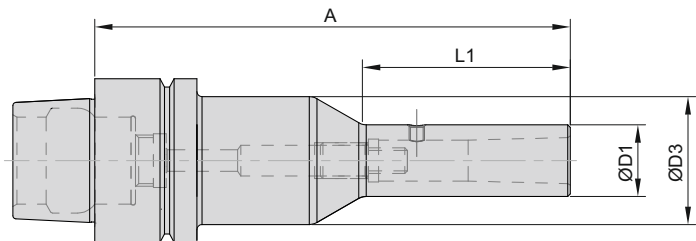


Fig. 2

HSK-E32



Spannzange Collet Type	Bereich Range	A (mm)	L1 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	Kühlmittelzufuhr Coolant supply	Fig.	N/W (Kg)	Bezeichnung Designation	Ident No.
MC14	3-4	65	40	14	-	-	Form "AD"	1	0,25	WMCH/D14-65/HSK-E32	5167343
MC14	3-6	90	40	14	-	25	Form "AD"	2	0,35	WMCH/D14-90/HSK-E32	5167344

HSK-E40



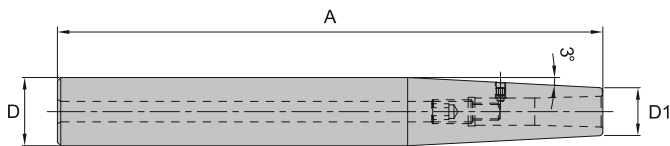
Spannzange Collet Type	Bereich Range	A (mm)	L1 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	Kühlmittelzufuhr Coolant supply	Fig.	N/W (Kg)	Bezeichnung Designation	Ident No.
MC14	3-4	65	40	14	-	-	Form "AD"	1	0,35	WMCH/D14-65/HSK-E40	5167346
MC14	3-6	90	40	14	-	30	Form "AD"	2	0,40	WMCH/D14-90/HSK-E40	5167347

Ersatzteile und Zubehör / Spare Parts & Accessories:



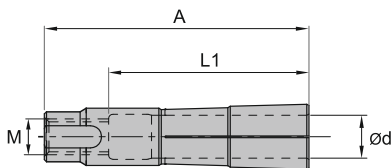
For technical details please refer the technical pages given and also the instruction manual provided in the packing box.

Micro Spannzange Verlängerungen
Micro collet extensions



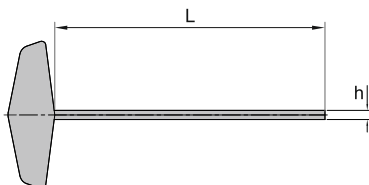
Spannzange Collet Type	Bereich Ø Range Ø	A (mm)	D (mm)	D1 (mm)	Bezeichnung Designation	Ident No.
MC10	3 - 4	120	12	10	WMCE/D10-120/CYL12	5173482
MC14	3 - 6	90	16	14	WMCE/D14-90/CYL16	5173483
MC14	3 - 6	120	16	14	WMCE/D14-120/CYL16	5173490
MC14	3 - 6	160	16	14	WMCE/D14-160/CYL16	5173492
MC14	3 - 6	200	16	14	WMCE/D14-200/CYL16	5173497
MC14	3 - 6	120	20	14	WMCE/D14-120/CYL20	5173493
MC14	3 - 6	160	20	14	WMCE/D14-160/CYL20	5173495
MC14	3 - 6	200	20	14	WMCE/D14-200/CYL20	5173496

Micro Spannzange
Micro collet



für Größe for Size	d (mm)	A (mm)	L1 (mm)	M (mm)	Spannschlüssel Wrench	Anzugsmoment Tightening Torque	Bezeichnung Designation	Ident No.
MC10	3	18	13	M4	W-D10x200L-HEX3.0	10Nm	WMC 10-3.0	5153145
MC10	4	18	13	M4	W-D10x200L-HEX3.0	10Nm	WMC 10-4.0	5153147
MC14	3	37	15	M7x1	W-D14x200L-HEX4.0	10Nm	WMC 14-3.0	5153148
MC14	4	37	15	M7x1	W-D14x200L-HEX4.0	10Nm	WMC 14-4.0	5153149
MC14	5	37	20	M7x1	W-D14x200L-HEX4.0	10Nm	WMC 14-5.0	5153151
MC14	6	37	28	M7x1	W-D14x200L-HEX4.0	10Nm	WMC 14-6.0	5153152

Spannschlüssel
Wrench



Bezeichnung Designation	Spannzange Collet Type	h (mm)	L (mm)	Ident No.
W-D10x200L-HEX3.0	MC10	3.0	200	5166591
W-D14x200L-HEX4.0	MC14	4.0	200	5166592