

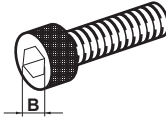
# ERSATZTEILE

---

IDENTIFIZIERUNG .....	M002
ERSATZTEILE	
KLEMMSCHRAUBEN .....	M003
SCHRAUBE .....	M009
UNTERLEGPLATTE .....	M010
BEFESTIGUNGSFEDER UND KNIEHEBEL .....	M013
KNIEHEBEL .....	M014
SPANNPRATZE .....	M014
SPANBRECHER .....	M016
KUPFERPASTEN .....	M017

# IDENTIFIZIERUNG

## IDENTIFIZIERUNG VON KLEMSCHRAUBEN (Grobgewinde in Rechtsausführung)



**H SC 060 05**

Beispiel

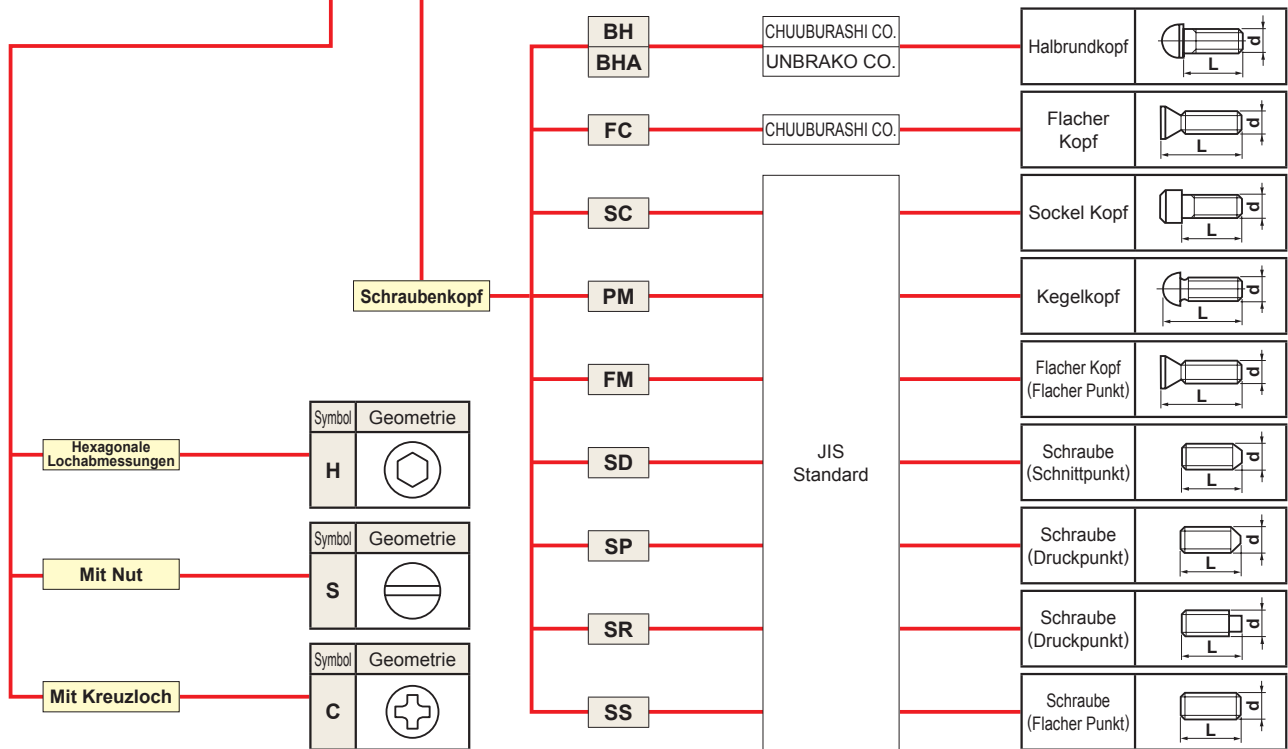
Symbol	L
05	5
10	10

Beispiel

Symbol	d
050	M5
060	M6

### Hexagonale Lochabmessungen

Durchmesser	Gewindesteigung	B Abmessungen			
		HBH	HFC	HSC	HS $\odot$
M2	0.4	—	—	1.5	0.9
M2.5	0.45	—	—	2	1.3
M3	0.5	2	2	2.5	1.5
M4	0.7	2.5	2.5	3	2
M5	0.8	3	3	4	2.5
M6	1	4	4	5	3
M8	1.25	5	5	6	4
M10	1.5	6	6	8	5



## IDENTIFIZIERUNG VON SCHLÜSSEL

**HKY 15 R**

Symbol	Schlüssel
HKY	Hexagonaler Schlüssel
TKY	Torx plus Schlüssel
TIP	Torx plus <sup>®</sup> Schlüssel

Hexagonaler Schlüssel

Symbol	B
15	1.5
20	2
25	2.5
30	3
40	4
50	5
60	6

Torx Plus Schlüssel

Symbol	B	Größe
06	1.7	T6
08	2.3	T8
10	2.7	T10
15	3.3	T15
20	3.8	T20
25	4.4	T25
27	5.0	T27
30	5.5	T30

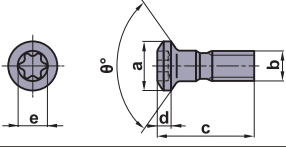
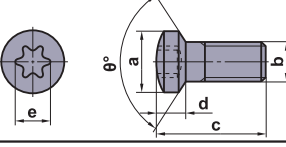
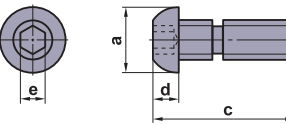
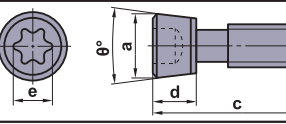
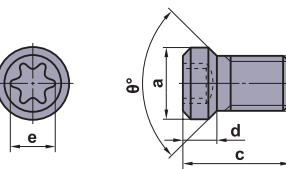
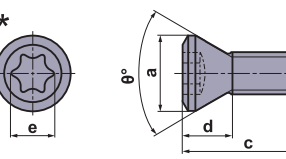
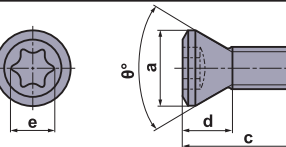
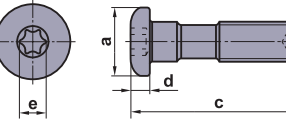
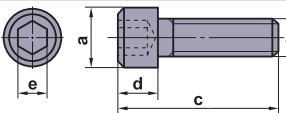
Torx plus<sup>®</sup> Schlüssel

Symbol	Größe
06	6IP
07	7IP
08	8IP
15	15IP

R	Standard L-Schlüssel	
L	L-Schlüssel in langer Ausführung	
T	T-Schlüssel	
FS	Flaggen-schlüssel	
W	Flaggen-schlüssel	
D	Schraubendreher	

# ERSATZTEILE

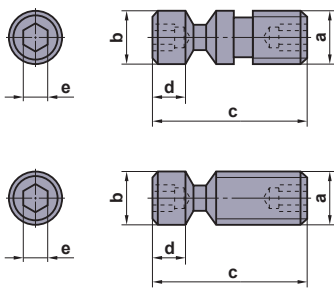
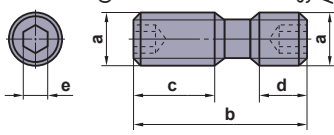
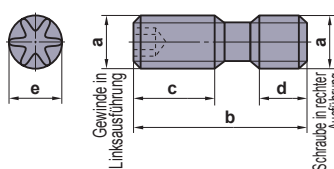
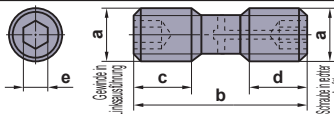
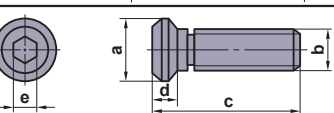
## KLEMMSCHRAUBEN

Geometrie	Bestell- bezeichnung	Abmessungen (mm)					Winkel $\theta^\circ$	Torx Größe	Dreh- moment (N·m)	Werkzeughalter
		a	b	c	d	e				
	<b>AJS3010T10</b>	5	M3×0.5	10	1.5	2.8	120	T10	2.5	<b>Profil Halter</b> <b>AJX Fräser</b>
	<b>4012T15</b>	7	M4×0.7	12	2.2	3.4	120	T15	3.5	
	<b>5014T25</b>	8	M5×0.8	14	2.7	4.5	120	T25	7.5	
	<b>BRS103</b>	5	M3×0.5	9.9	2.9	3.4	120	T15	3.5	<b>BRE Fräser</b>
	<b>105</b>	8	M5×0.8	13.8	3.8	4.5	120	T25	7.5	
	<b>CS3</b> (Einsatz mit C3)	7	M4×0.7	14.6	2.6	2.5	—	—	2.2	<b>F Bohrstange</b>  Diese Klemmschraube wird zusammen mit der Klemme als Set ausgeliefert.
	<b>CS4</b> (Einsatz mit C4)	9	M5×0.8	15.4	3.4	3	—	—	3.3	
	<b>CS5</b> (Einsatz mit C5)	10.5	M6×1	22	4	4	—	—	7.0	
	<b>CAS51T</b>	7.9	M5×0.8	19	5	4.5	10	T25	8.5	<b>BF407 Fräser</b>
 	<b>CS200T</b>	3.2	M2×0.4	5	1.6	1.8	90	T6	0.6	<b>AL Halter</b> <b>F Bohrstange</b> <b>MMTI Bohrstange</b> <b>SNT Bohrstange</b> <b>Fräswerkzeug-Serien</b> <b>AHX640S Fräser</b>
	<b>250T</b>	3.7	M2.5×0.45	6	1.8	2.4	90	T8	1.0	
	* <b>250560T</b>	3.9	M2.5×0.45	5.2	2.5	2.4	60	T8	1.0	
	<b>300590T</b>	4.1	M3×0.5	5.5	2.1	2.4	90	T8	1.0	
	<b>300790TS</b>	4.7	M3×0.5	7	2.3	2.8	90	T10	2.0	
	<b>300890T</b>	4.1	M3×0.5	8	2.1	2.4	90	T8	1.0	
	* <b>350760T</b>	5.5	M3.5×0.6	7	4	3.4	60	T15	3.5	
	<b>350790T</b>	4.8	M3.5×0.6	7	2.4	2.8	90	T10	2.5	
	* <b>350860T</b>	5.5	M3.5×0.6	8.4	4	3.4	60	T15	3.5	
	<b>350990T</b>	4.8	M3.5×0.6	9	2.4	2.8	90	T10	2.5	
	<b>400990T</b>	6.0	M4×0.7	9	2.8	3.4	90	T15	3.5	
	<b>401160T</b>	5.7	M4×0.7	11	4.5	3.4	60	T15	3.5	
	<b>401990T</b>	6.0	M4×0.7	19	3.0	3.9	90	T20	3.5	
	<b>451190T</b>	6.3	M4.5×0.75	11	2.9	3.9	90	T20	5.0	
	* <b>501160T</b>	7.0	M5×0.8	11	3.6	3.9	60	T20	5.0	
	<b>501290T</b>	7.0	M5×0.8	11	3.5	4.5	90	T25	7.5	
<b>5015060T</b>	7.2	M5×0.8	15	2.4	3.9	60	T20	5.0		
<b>502190T</b>	8.5	M5×0.8	21	4.0	5.1	90	T27	7.5		
<b>6016060T</b>	8.5	M6×1.0	16	4.5	4.5	60	T25	7.5		
	<b>CSF401260T</b>	7.2	M4×0.5	12	5.2	3.9	60	T20	5.0	<b>PMR Fräser</b>
	<b>DC0520T</b>	8.5	M5×0.8	22.5	2.5	3.4	—	T15	3.5	<b>DOPPELKLEMM Halter</b> <b>DIMPLE BAR-BOHRSTANGE</b> <b>HSK System</b>
	<b>0621T</b>	10.5	M6×1.0	25	4	3.9	—	T20	5.0	
	<b>DKS4</b>	5.6	M4×0.7	18	3.5	3	—	—	3.3	
<b>5</b>	7.6	M5×0.8	19	4.5	4	—	—	7.0		

# ERSATZTEILE

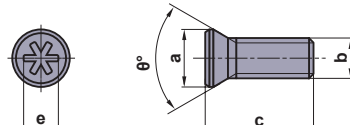
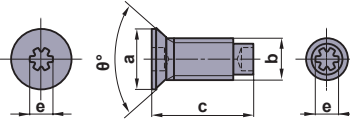
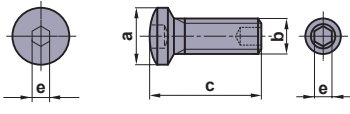
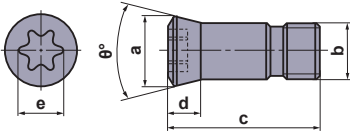
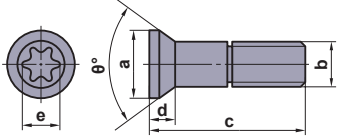
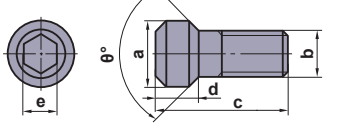
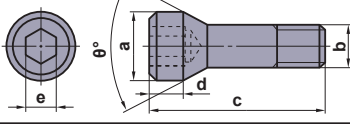
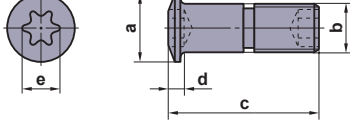
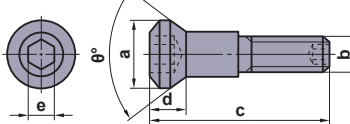
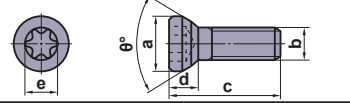
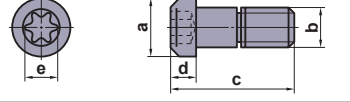
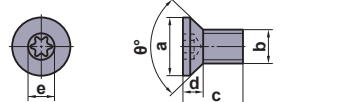
## KLEMMSCHRAUBEN

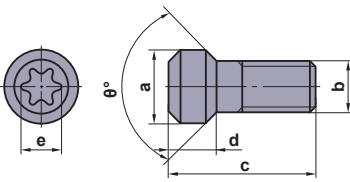
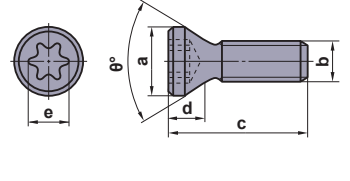
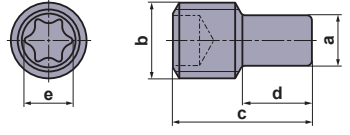
Geometrie	Bestellbezeichnung	Abmessungen (mm)					Winkel $\theta^\circ$	Torx Größe	Drehmoment (N·m)	Werkzeughalter
		a	b	c	d	e				
	<b>EGS06019</b>	9	M6×1	22.5	3.5	3	—	—	3.3	
	<b>08024</b>	11	M8×1.25	28.5	4.5	4	—	—	7.0	
	<b>FC400890T</b>	5.6	M4×0.7	7.5	1.3	2.8	90	T10	2.5	AL Halter AL Bohrstange SMG Halter
	<b>GY05016S</b>	8.7	M5×0.8	16	3.5	3.9	90	T20	4.5	GY Serie
	<b>GY06013M</b>	12	M6×1	18	5	5.6	—	T30	6.0	GY Serie
	<b>HFF06015</b>	10	M6×1	15	6	5	80	—	8.2	
	<b>HS4L</b>	5.4	M4×0.7	14	2.3	2.5	80	—	3.8	
	<b>5S</b>	6.8	M5×0.8	9	2.8	3	80	—	3.3	
	<b>5L</b>	6.8	M5×0.8	15	2.8	3	80	—	6.6	
	<b>HSP05008C</b>	M5×0.8	8	—	—	2.5	—	—	2.5	MP Halter
	<b>HY-A1</b>	4.4	M3×0.5	7	2.1	2	82	—	1.5	
	<b>-V1</b>	5.5	M3×0.5	7	2.5	2	82	—	1.5	
	<b>2</b>	5.5	M3×0.5	10	2.5	2	82	—	1.5	
	<b>3</b>	7	M3.5×0.6	12	2.9	2	82	—	1.5	
	<b>4</b>	9.3	M5×0.8	16	3.6	3	82	—	3.3	
	<b>JSS6</b>	6.9	M6×0.75	4.5	1.5	0.8	—	—	—	
	<b>7</b>	8	M7×0.75	4.4	1.5	1	—	—	—	
	<b>KS1</b>	7	M4×0.7	14	5	—	—	—	—	
	<b>2</b>	10	M6×1	18	7	—	—	—	—	
	<b>3</b>	8	M4×0.7	14	6.5	—	—	—	—	
	<b>1S</b>	7	M4×0.7	14	5	—	—	—	—	
	<b>2S</b>	10	M6×1	18	7	—	—	—	—	
	<b>KS11</b>	8	M5×0.8	19	3	3	—	—	3.3	
	<b>12</b>	10	M6×1	26	4	4	—	—	7.0	
	<b>13</b>	10	M6×1	30	4	4	—	—	7.0	
	<b>14</b>	13	M8×1.25	45	5	5	—	—	9.0	
	<b>LLR1</b>	M5×0.8	—	3.5	—	2.5	—	—	—	
	<b>2</b>	M6×1	—	5	—	3	—	—	—	

Geometrie	Bestell- bezeichnung	Abmessungen (mm)					Winkel $\theta^\circ$	Torx Größe	Dreh- moment (N·m)	Werkzeughalter
		a	b	c	d	e				
 <p><b>LLCS103, LLC105</b> <b>LLCS125, LLC205</b></p> <p>Mit "*" gekennzeichnete Produkte sind am Ende nicht mit der mit b gekennzeichneten Bohrung ausgestattet.</p> <p>Mit "☆" gekennzeichnete Produkte sind am Ende nicht mit der mit a gekennzeichneten Bohrung ausgestattet.</p>	☆ <b>LLCS103</b>	M3×0.5	4	11	4.6	2	—	—	1.5	LL Halter
	* <b>105</b>	M5×0.8	M5×0.8	10	1.5	2	—	—	1.5	P Bohrstange
	<b>105</b>	M5×0.8	M5×0.8	10	1.5	2	—	—	1.0	P Bohrstange
	<b>106</b>	M6×1	6	16.5	3.5	2.5	—	—	2.2	HSK System
	* <b>106S</b>	M6×1	6	13.4	0.7	2.5	—	—	2.2	KSMG Fräser
	<b>108</b>	M8×1.25	8	21	6.5	3	—	—	3.3	
	* <b>108S</b>	M8×1.25	8	16.5	2	3	—	—	3.3	
	<b>110</b>	M10×1.5	10	29	8	4	—	—	7.0	
	<b>112</b>	M12×1	11.9	36.2	9	5	—	—	8.0	
	<b>125</b>	M5×0.8	M5×0.8	12	2	2	—	—	1.5	
	<b>205</b>	M5×0.8	M5×0.8	16	4	2	—	—	1.5	
	<b>206</b>	M6×1	6	26	13	2.5	—	—	2.2	
	<b>208</b>	M8×1.25	8	24	6.5	3	—	—	3.3	
	<b>306</b>	M6×1	6	21	4	2.5	—	—	2.2	
	<b>308</b>	M8×1.25	8	42	27.5	3	—	—	3.3	
	<b>310</b>	M10×1	10	29	8	4	—	—	7.0	
	<b>410</b>	M10×1	10	30	6.6	4	—	—	7.0	
	<b>508</b>	M8×1	8	24	6.5	3	—	—	3.3	
	* <b>508S</b>	M8×1	8	20.5	3	3	—	—	3.3	
	 <p>Gewinde in Linksausführung</p> <p>Schraube in rechter Ausführung</p> <p>*Schraube mit Rechtsgewinde nicht hexagonal</p>	<b>LS1</b>	M6×1	22	8	8	3	—	—	5.0
<b>2</b>		M8×1	29	13	10	4	—	—	8.2	UG Halter
<b>3</b>		M8×1	32	13	13	4	—	—	8.2	ROTIERENDE WERKZEUGE
* <b>4</b>		M6×1	15	8	4	3	—	—	5.0	
* <b>5</b>		M6×1	18	8	5	3	—	—	5.0	
* <b>6</b>		M8×1	24	13	5	4	—	—	8.2	
* <b>7</b>		M8×1	27	13	8	4	—	—	8.2	
* <b>8</b>		M6×0.75	18	7	7	3	—	—	5.0	
* <b>9</b>		M6×0.75	22	8	8	3	—	—	5.0	
* <b>10</b>		M7×0.75	16	6	6	4	—	—	8.2	
* <b>11</b>		M8×1	16	6	6	4	—	—	8.2	
* <b>12</b>		M8×1	24	7	7	4	—	—	8.2	
* <b>13</b>		M8×1	34	12	12	4	—	—	8.2	
* <b>14</b>		M7×0.75	24	10	10	4	—	—	8.2	
* <b>15</b>		M7×0.75	18	6	8	4	—	—	8.2	
* <b>16</b>		M7×0.75	23	11	8	4	—	—	8.2	
* <b>17</b>		M8×1	42	17	11	4	—	—	8.2	
* <b>18</b>	M7×0.75	14	6	4	4	—	—	8.2		
* <b>20</b>	M10×1.5	26	9	9	5	—	—	9.0		
* <b>21</b>	M10×1.5	32	12	12	5	—	—	9.0		
<b>24</b>	M8×1.25	24	8.5	8.5	4	—	—	8.2		
<b>25</b>	M8×1.0	28.5	12.0	10.5	4	—	—	8.2		
 <p>Gewinde in Linksausführung</p> <p>Schraube in rechter Ausführung</p>	<b>LS10T</b>	M7×0.75	14	6	5	4.5	—	T25	8.5	
	<b>14T</b>	M7×0.75	24	10	10	4.5	—	T25	8.5	
	<b>15T</b>	M7×0.75	18	7	7	4.5	—	T25	8.5	
	<b>19T</b>	M6×0.75	11	4	4	3.4	—	T15	5.0	
	<b>10TS</b>	M7×0.75	13	6	4	4.5	—	T25	8.5	
	<b>0622T</b>	M6×0.75	22	8	8	3.4	—	T15	6.0	
 <p>Gewinde in Linksausführung</p> <p>Schraube in rechter Ausführung</p>	<b>LS24H</b>	M8×1.25	24	8.5	8.5	4	—	—	8.2	APX3000 Fräser
	<b>MGS6</b>	10	M6×1	26	4	5	—	—	9.0	
	<b>MHT1</b>	11	M8×1	18.5	3.5	4	—	—	8.7	

# ERSATZTEILE

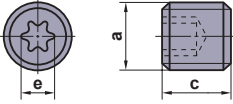
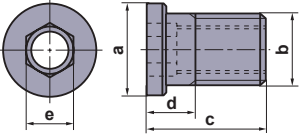
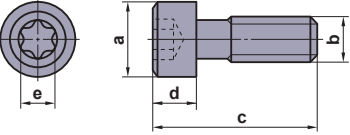
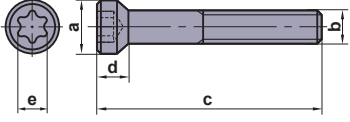
## KLEMSCHRAUBEN

Geometrie	Bestellbezeichnung	Abmessungen (mm)					Winkel $\theta^\circ$	Torx Größe	Drehmoment (N·m)	Werkzeughalter
		a	b	c	d	e				
	<b>NS251</b>	3.6	M2.5×0.45	7	—	2.2	60	—	0.7	<b>SMALL TOOLS</b>
	<b>401</b>	5.8	M4×0.7	6	—	3.6	60	—	3.5	
	<b>NS402W</b>	5.85	M4×0.7	10	—	2.2	60	—	0.7	<b>SMALL TOOLS</b>
	<b>403W</b>	5.85	M4×0.7	12	—	2.2	60	—	0.7	
	<b>404W</b>	5.8	M4×0.7	10	—	2.2	90	—	0.7	
	<b>NS501W</b>	8	M5×0.8	16	—	2.5	120	—	2.2	<b>SMALL TOOLS</b>
	<b>502W</b>	8	M5×0.8	20	—	2.5	120	—	2.2	
	<b>RN-S4S</b>	5.8	M4×0.5	8.4	2.5	3.4	61	T15	3.5	
	<b>-S4M</b>	5.8	M4×0.5	10	2.2	3.4	61	T15	3.5	
	<b>-S4</b>	5.8	M4×0.5	12.5	2.2	3.4	61	T15	3.5	
	<b>-S5</b>	8.1	M5×0.5	15.4	3.6	3.9	61	T20	5.0	
	<b>-S6</b>	9.5	M6×0.75	20.3	4.6	3.9	61	T20	5.0	
	<b>-S7</b>	11	M7×0.75	24.7	5.2	4.5	61	T25	7.5	
	<b>RS3008T</b>	4.3	M3×0.35	8.6	2	2.4	61	T8	1.5	<b>SRF</b> Fräser
	<b>3510T</b>	5	M3.5×0.35	10	2.3	2.8	61	T10	2.5	
	<b>4015T</b>	6	M4×0.5	14	2.7	3.4	61	T15	3.3	
	<b>5020T</b>	8.1	M5×0.5	16.4	3.6	3.9	61	T20	5.0	
	<b>6025T</b>	9.5	M6×0.75	21.5	4.2	4.5	61	T25	7.5	
	<b>8030T</b>	12	M8×0.75	25	5	5.6	61	T30	10.0	
	<b>S1</b>	3.5	M2×0.4	5.5	2.2	1.5	92	—	1.0	
	<b>3</b>	4.5	M3×0.5	7.7	2.4	2	92	—	1.5	
	<b>4</b>	5.3	M4×0.7	8	1.8	2.5	62	—	2.2	
	<b>5</b>	6.8	M5×0.8	9	2.4	3	62	—	3.3	
	<b>SD32</b>	12	M8×1.25	28	7.2	6	50	—	9.5	<b>D</b> Bohrkopfaufnahme
	<b>40</b>	12	M8×1.25	36	7.2	6	50	—	9.5	
	<b>50</b>	16	M10×1.5	46	8.2	8	50	—	1.0	
	<b>63</b>	16	M10×1.5	61	8.2	8	50	—	1.0	
	<b>SETS51</b>	6.8	M5×0.8	14.8	1.5	3.4	—	T15	3.5	<b>MMTE</b> Halter <b>MMTI</b> Bohrstange <b>SET</b> Halter <b>HSK</b> System
	<b>61</b>	8	M6×1	20	1.8	3.9	—	T20	5.0	
	<b>SLCS105</b>	10	M5×0.8	25	6.3	4	90	—	7.0	<b>WP</b> Halter <b>M</b> Bohrstange
	<b>106</b>	12	M6×1	32	6.2	4	90	—	7.0	
	<b>SPS1</b>	8.5	M5×0.8	16	4	4.5	70	T25	5.0	
	<b>SRS5</b>	6.7	M5×0.8	16	3.5	3.9	—	T20	5.0	<b>SRE</b> Fräser
	<b>STS1</b>	6.8	M3×0.5	7	2.2	2.8	90	T10	2.5	

Geometrie	Bestell- bezeichnung	Abmessungen (mm)					Winkel	Torx Größe	Dreh- moment (N·m)	Werkzeughalter
		a	b	c	d	e	θ°			
	* <b>TS16</b>	2.5	M1.6×0.35	3.2	1.6	1.8	60	T6	0.6	<b>SP</b> Halter
	<b>2</b>	2.7	M2×0.4	4.6	1.4	1.8	60	T6	0.6	<b>Profil</b> Halter
	* <b>2A</b>	2.7	M2×0.4	4.5	1.2	1.8	60	T6	0.6	<b>SMALL TOOLS</b>
	<b>2C</b>	2.7	M2×0.4	3.8	1.4	1.8	60	T6	0.6	<b>DIMPLE BAR</b>
	☆ <b>2D</b>	3.8	M2×0.4	5.3	1.9	1.8	82	T6	0.6	<b>MICRO-DEX</b> BOHRSTANGE
	<b>21</b>	2.7	M2×0.4	3.4	1.4	1.8	60	T6	0.6	<b>F</b> Bohrstange
	* <b>22</b>	3.0	M2.2×0.45	5	1.2	1.8	60	T6	0.6	<b>S</b> Bohrstange
	* <b>25</b>	3.3	M2.5×0.45	5.5	1.7	2.4	60	T8	1.0	<b>GY</b> Serie
	☆ <b>25D</b>	4.4	M2.5×0.45	6.2	2.2	2.4	82	T8	1.0	<b>MMTI</b> Bohrstange
	* <b>25H</b>	3.6	M2.5×0.45	5.5	2	2.4	60	T8	1.0	<b>HSK</b> System
	<b>202</b>	2.7	M2×0.4	5.5	1.8	1.8	60	T6	0.6	<b>ROTIERENDE WERKZEUGE</b>
	<b>253</b>	3.3	M2.5×0.45	4.5	1.7	2.4	60	T8	1.0	<b>TAF</b> Bohrer
	<b>254</b>	3.3	M2.5×0.45	7	1.7	2.4	60	T8	1.0	
	* <b>255</b>	3.5	M2.5×0.45	7.5	1.6	2.4	60	T8	1.0	
	<b>3</b>	3.9	M3×0.5	6	2	2.4	60	T8	1.0	
	<b>3D</b>	5.0	M3×0.5	6	2.3	2.8	82	T10	2.5	
	* <b>3SB</b>	4.4	M3×0.5	8	2	2.4	80	T8	1.5	
	<b>31D</b>	4.8	M3×0.5	7.2	2.2	2.8	82	T10	2.5	
	* <b>32</b>	3.9	M3×0.5	7.5	2	2.4	60	T8	1.0	
	* <b>33</b>	3.9	M3×0.5	6.7	2	2.4	60	T8	1.0	
	<b>35</b>	4.8	M3.5×0.6	6.5	2.4	2.8	60	T10	2.5	
	* <b>35D</b>	5.3	M3.5×0.6	12	2.8	3.4	60	T15	3.5	
	<b>351</b>	4.8	M3.5×0.6	7.2	2.4	2.8	60	T10	2.5	
	<b>4S</b>	5.4	M4×0.7	7	2.4	3.4	80	T15	3.5	
	* <b>4SL</b>	5.4	M4×0.7	8	2.4	3.4	80	T15	4.0	
	* <b>4SB</b>	5.8	M4×0.7	9	2.7	3.4	80	T15	3.5	
	* <b>4SBL</b>	5.8	M4×0.7	10.5	2.7	3.4	80	T15	3.5	
	<b>4</b>	5.4	M4×0.7	8	2.6	3.4	60	T15	3.5	
	<b>4D</b>	5.6	M4×0.7	7.7	2.5	3.4	82	T15	3.5	
	<b>42</b>	5.4	M4×0.7	6	2.6	3.4	60	T15	3.5	
	<b>43</b>	5.4	M4×0.7	10	2.6	3.4	60	T15	3.5	
	<b>44</b>	5.4	M4×0.7	12	2.6	3.4	60	T15	3.5	
	<b>406</b>	5.4	M4×0.7	15.5	2.6	3.4	60	T15	3.5	
	<b>407</b>	5.4	M4×0.7	9	2.6	3.4	60	T15	3.5	
	<b>450</b>	5.9	M4.5×0.75	13	3.6	3.9	60	T20	5.0	
	<b>5S</b>	6.8	M5×0.8	9	2.9	4.5	80	T25	7.5	
	* <b>5SL</b>	6.8	M5×0.8	12	2.9	4.5	80	T25	7.5	
	<b>5</b>	6.8	M5×0.8	9	3.2	4.5	60	T25	7.5	
	<b>5L</b>	6.8	M5×0.8	15	2.9	4.5	80	T25	7.5	
	<b>52</b>	6.8	M5×0.8	8	3.2	4.5	60	T25	7.5	
<b>53</b>	6.8	M5×0.8	16	3.2	4.5	60	T25	7.5		
<b>54</b>	6.8	M5×0.8	12	3.2	4.5	60	T25	7.5		
<b>55</b>	6.8	M5×0.8	10.5	3.2	4.5	60	T25	7.5		
* <b>6S</b>	8.5	M6×1.0	13	4.4	5.6	60	T30	10.0		
* <b>6</b>	8.5	M6×1.0	16	4.4	5.6	60	T30	10.0		
	<b>TPS20</b>	2.7	M2×0.4	3.5	1.3	1.8	60	6IP	0.6	<b>ASX445</b> Fräser
	<b>22</b>	3.0	M2.2×0.45	4.7	1.6	2.1	60	7IP	0.6	<b>ASX400</b> Fräser
	<b>22S</b>	3.0	M2.2×0.45	4.2	1.6	2.1	60	7IP	0.6	<b>APX3000</b> Fräser
	<b>25</b>	3.3	M2.5×0.45	5.5	1.7	2.1	60	7IP	1.0	<b>APX4000</b> Fräser
	<b>25-1</b>	3.3	M2.5×0.45	6.5	1.7	2.1	60	7IP	1.0	<b>ARX</b> Fräser
	<b>35</b>	5.3	M3.5×0.6	11.5	2.8	3.4	60	15IP	3.5	<b>PMR</b> Fräser
	<b>4</b>	5.3	M4×0.7	8	2.6	3.4	60	15IP	3.5	
	<b>43</b>	5.3	M4×0.7	10	2.6	3.4	60	15IP	3.5	
	<b>TSR05008S</b>	3.5	M5×0.8	8	—	2.8	—	T10	—	FASRING
	<b>06011S</b>	4	M6×1.0	11	—	3.9	—	T20	—	

# ERSATZTEILE

## KLEMMSCHRAUBEN

Geometrie	Bestellbezeichnung	Abmessungen (mm)					Winkel $\theta^\circ$	Torx Größe	Drehmoment (N·m)	Werkzeughalter
		a	b	c	d	e				
	<b>TSS04005</b>	M4×0.7	—	5	—	2.4	—	T8	—	PMF Fräser
	<b>05006</b>	M5×0.8	—	6	—	2.8	—	T10	—	
	<b>06010</b>	M6×1	—	10	—	3.9	—	T20	—	
	<b>WCS503507H</b>	6.3	M5×0.5	7	3.3	3.5	—	—	5.0	ASX445 Fräser
	<b>604010H</b>	7.8	M6×0.75	10	4.1	4.0	—	—	7.0	ASX400 Fräser PMR Fräser
	<b>WS1</b>	8.5	M5×0.8	19	5	4.5	—	T25	7.5	
	<b>WS254012T</b>	4	M2.5×0.45	11.5	2.2	2.4	80	T8	2.0	TAW Bohrer
	<b>254013T</b>	4	M2.5×0.45	12.5	2.2	2.4	80	T8	2.0	
	<b>254014T</b>	4	M2.5×0.45	13.5	2.2	2.4	80	T8	2.0	
	<b>254015T</b>	4	M2.5×0.45	14.5	2.2	2.4	80	T8	2.0	
	<b>254016T</b>	4	M2.5×0.45	15.5	2.2	2.4	80	T8	2.0	
	<b>304517T</b>	4.5	M3×0.5	16.5	3.4	2.8	60	T10	3.5	
	<b>304518T</b>	4.5	M3×0.5	17.5	3.4	2.8	60	T10	3.5	
	<b>355520T</b>	5.5	M3.5×0.6	19.5	3.9	3.4	60	T15	5.5	
	<b>355521T</b>	5.5	M3.5×0.6	20.5	3.9	3.4	60	T15	5.5	
	<b>406023T</b>	6	M4×0.7	22.0	4.4	4.5	60	T25	8.5	
	<b>406024T</b>	6	M4×0.7	23.0	4.4	4.5	60	T25	8.5	
	<b>508026T</b>	8	M5×0.8	25.0	5.2	5.1	60	T27	12.0	
	<b>508027T</b>	8	M5×0.8	26.0	5.2	5.1	60	T27	12.0	



# SCHRAUBE

Geometrie	Bestell- bezeichnung	Abmessungen (mm)					Winkel $\theta^\circ$	Torx Größe	Dreh- moment (N·m)	Werkzeughalter
		a	b	c	d	e				
	<b>BOES101</b>	15	M10×1.5	45	10	8	60	—	10.0	<b>OCTACUT</b> Fräser
	<b>HSC08030H</b>	13	M8×1.25	38	8	5	—	—	24	<b>APX3000/4000</b> Fräser <b>AJX</b> Fräser
	<b>08040</b>	13	M8×1.25	48	8	5	—	—	24	<b>APX4000</b> Fräser
	<b>08050</b>	13	M8×1.25	58	8	5	—	—	24	<b>AXD4000</b> Fräser
	<b>10030H</b>	16	M10×1.5	40	10	6	—	—	40	<b>AXD7000</b> Fräser
	<b>10035</b>	16	M10×1.5	45	10	6	—	—	40	<b>APX3000/4000</b> Fräser <b>AJX</b> Fräser
	<b>10045</b>	16	M10×1.5	55	10	6	—	—	40	<b>BXD</b> Fräser
	<b>10055</b>	16	M10×1.5	65	10	6	—	—	40	<b>VFX5/6</b> Fräser
	<b>12035</b>	18	M12×1.75	47	12	10	—	—	80	
	<b>12035H</b>	18	M12×1.75	47	12	10	—	—	80	<b>APX3000/4000</b> Fräser <b>AJX</b> Fräser
	<b>12045</b>	18	M12×1.75	57	12	10	—	—	80	
	<b>12070</b>	18	M12×1.75	82	12	10	—	—	80	
	<b>16040</b>	24	M16×2	56	16	14	—	—	150	
	<b>16040H</b>	24	M16×2	56	16	14	—	—	150	<b>APX3000/4000</b> Fräser <b>AJX</b> Fräser
	<b>16080</b>	24	M16×2	96	16	14	—	—	150	
<b>20040</b>	30	M20×2.5	60	20	17	—	—	320		
<b>20090</b>	30	M20×2.5	110	20	17	—	—	320		
	<b>HFF08043H</b>	11	M8×1.25	43	5	5	90	—	8.2	<b>AXD4000</b> Fräser <b>BXD</b> Fräser
	<b>MBA16033H</b>	40	M16×2	43	10	14	—	—	150	<b>AHX640</b> Fräser (für $\phi 100$ )
	<b>20040H</b>	50	M20×2.5	54	14	17	—	—	320	<b>APX4000</b> Fräser <b>AXD4000</b> Fräser
	<b>24045H</b>	65	M24×3	59	14	17	—	—	520	<b>AXD7000</b> Fräser <b>AJX</b> Fräser <b>BXD</b> Fräser

Geometrie	Bestell- bezeichnung	Abmessungen (mm)						Dreh- moment (N·m)	Werkzeughalter
		a	a'	b	c	d	e		
	<b>HDS08030</b>	M8×0.75	M8×1.25	30	13.5	11.5	4	8.2	<b>BRP</b> Fräser
	<b>10031</b>	M10×1.0	M10×1.5	31	14	12	5	9.0	<b>OCTACUT</b> Fräser <b>PMF</b> Fräser

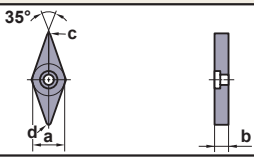
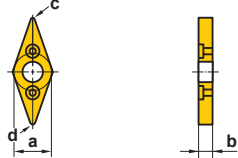
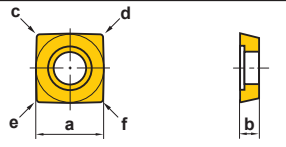
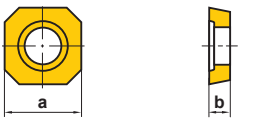
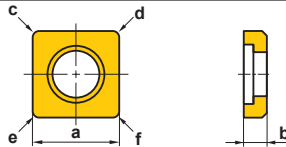
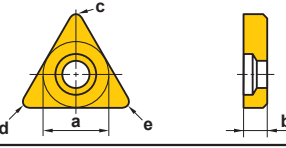
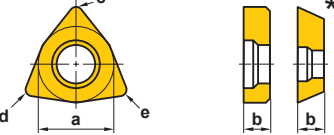
# ERSATZTEILE

## UNTERLEGPLATTE

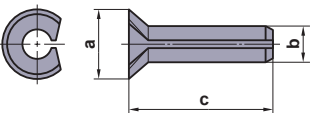
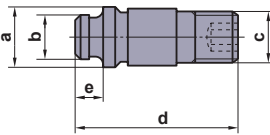
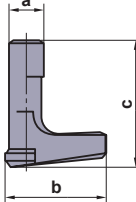
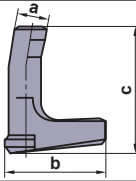
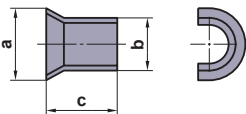
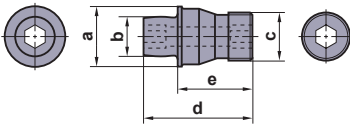
Geometrie	Bestell- bezeichnung	Abmessungen (mm)						Werkzeughalter
		a	b	c	d	e	f	
	<b>CS32</b>	9.52	3.18	0.8	0.8	1.2	1.2	
	<b>42</b>	12.70	3.18	0.8	0.8	1.2	1.6	
	<b>43</b>	12.70	4.76	0.8	0.8	1.2	1.6	
	<b>62</b>	19.05	3.18	1.2	1.2	1.6	1.6	
	* <b>PS31</b>	8.28	2.38	0.2	0.2	0.6	0.6	
	* <b>42</b>	11.46	3.18	0.2	0.2	0.6	1.0	
	* <b>62</b>	17.20	3.18	0.3	0.3	0.7	0.7	
	<b>CT22</b>	6.35	3.18	0.4	0.8	1.2	—	
	<b>32</b>	9.52	3.18	0.4	0.8	1.2	—	
	<b>33</b>	9.52	4.76	0.4	0.8	1.2	—	
	<b>42</b>	12.70	3.18	0.4	0.8	1.2	—	
	* <b>PT21</b>	5.11	2.38	0.2	0.2	0.6	—	
	* <b>32</b>	8.28	3.18	0.2	0.2	0.6	—	F Bohrstange
	* <b>42</b>	10.85	3.18	0.3	0.3	0.7	—	
	<b>BPT322</b>	7.8	3.18	—	—	—	—	
	<b>DCSVN32</b>	9.52	3.18	0.8	1.2	—	—	
								DOPPELKLEMM Halter DIMPLE BAR-BOHRSTANGE
	<b>ESS42</b>	12.70	3.18	0.8	0.8	1.2	1.6	ML Halter
	<b>EST32</b>	9.52	3.18	0.4	0.8	1.2	—	ML Halter
	<b>43</b>	12.70	4.76	0.4	0.8	1.2	—	
	<b>LLSCN3T3</b>	9.52	3.97	0.4	0.4	0.8	0.8	DOPPELKLEMM Halter LL Halter DIMPLE BAR-BOHRSTANGE P Bohrstange HSK System
	<b>33</b>	9.52	4.76	0.4	0.4	0.8	0.8	
	<b>42</b>	12.70	3.18	0.8	0.8	1.2	1.2	
	<b>53</b>	15.87	4.76	1.2	1.2	1.6	1.6	
	<b>63</b>	19.05	4.76	1.2	1.2	1.6	1.6	
	* <b>LLSCP42</b>	12.70	3.18	0.8	0.8	1.2	1.2	
	* <b>63</b>	19.05	4.76	1.2	1.2	1.6	1.6	DIMPLE BAR-BOHRSTANGE P Bohrstange HSK System
	<b>LLSDN32</b>	9.52	3.18	0.8	1.2	—	—	
	<b>42</b>	12.70	3.18	0.8	1.2	—	—	
	<b>43</b>	12.70	4.76	0.8	1.2	—	—	
	<b>53</b>	15.87	4.76	1.2	1.6	—	—	
	* <b>LLSDP42</b>	12.70	3.18	0.8	1.2	—	—	DIMPLE BAR-BOHRSTANGE
	<b>LLSRN103</b>	8.3	3.18	—	—	—	—	
	<b>123</b>	9.8	3.18	—	—	—	—	
	<b>164</b>	13.6	4.76	—	—	—	—	
	<b>204</b>	17.3	4.76	—	—	—	—	
	<b>256</b>	22.0	6.35	—	—	—	—	
	<b>326</b>	28.0	6.35	—	—	—	—	LL Halter HSK System
	<b>LLSSN32</b>	9.52	3.18	0.8	0.8	1.2	1.2	
	<b>33</b>	9.52	4.76	0.8	0.8	1.2	1.2	
	<b>42</b>	12.70	3.18	0.8	0.8	1.2	1.6	
	<b>53</b>	15.87	4.76	1.2	1.2	1.6	1.6	
	<b>63</b>	19.05	4.76	1.2	1.2	1.6	2.0	
	<b>84</b>	25.40	6.35	1.6	1.6	2.4	2.4	LL Halter DIMPLE BAR-BOHRSTANGE P Bohrstange
	* <b>LLSSP42</b>	12.70	3.18	0.8	0.8	1.2	1.6	

Geometrie	Bestell- bezeichnung	Abmessungen (mm)						Werkzeughalter
		a	b	c	d	e	f	
	<b>LLSTE32</b>	7.6	3.18	0.4	0.4	0.4	—	LL Halter
	<b>LLSTN32</b>	9.52	3.18	0.4	0.8	1.2	—	<b>DOPPELKLEMM Halter</b>
	<b>33</b>	9.52	4.76	0.4	0.8	1.2	—	<b>DIMPLE BAR-BOHRSTANGE</b>
	<b>42</b>	12.70	3.18	0.4	0.8	1.2	—	<b>P Bohrstange</b>
	<b>53</b>	15.87	4.76	0.8	1.2	1.6	—	
	<b>* LLSTP32</b>	9.52	3.18	0.4	0.8	1.2	—	
	<b>LLSWN32</b>	9.52	3.18	0.4	0.8	1.2	—	LL Halter
	<b>3T3</b>	9.52	3.97	0.4	0.8	1.2	—	<b>DOPPELKLEMM Halter</b>
	<b>42</b>	12.70	3.18	0.4	0.8	1.2	—	<b>DIMPLE BAR-BOHRSTANGE</b>
	<b>* LLSWP32</b>	9.52	3.18	0.4	0.8	1.2	—	
	<b>* 42</b>	12.70	3.18	0.4	0.8	1.2	—	
		<b>MHS532R/L</b>	9.4	15.7	4.5	0.8	0.8	—
<b>533R/L</b>		9.4	15.7	4.5	1.2	1.2	—	
<b>534R/L</b>		9.4	15.7	4.5	1.6	1.6	—	
<b>542R/L</b>		9.4	15.7	6.5	0.8	0.8	—	
<b>543R/L</b>		9.4	15.7	6.5	1.2	1.2	—	
<b>544R/L</b>		9.4	15.7	6.5	1.6	1.6	—	
	<b>MLCP42</b>	12.58	3.18	1.2	1.2	1.2	1.2	<b>P Bohrstange</b>
	<b>MLDP42</b>	12.56	3.18	1.2	1.2	—	—	<b>P Bohrstange</b>
	<b>MLSP42</b>	12.63	3.18	1.2	1.2	1.2	1.2	<b>P Bohrstange</b>
	<b>MLTP32</b>	9.50	3.18	1.2	1.2	1.2	—	<b>P Bohrstange</b>
	<b>MSCN63</b>	18.8	4.76	1.6	1.6	1.6	1.6	<b>DOPPELKLEMM Halter</b> (für Schwerzerspanung)
	<b>MSSN63</b>	18.8	4.76	1.6	1.6	1.6	1.6	<b>DOPPELKLEMM Halter</b> (für Schwerzerspanung)
	<b>CT32T1</b>	9.525	15.03	3.18	—	—	—	<b>SET Halter</b> <b>SNT Bohrstange</b> <b>SET Kurzklemmhalter</b>
	<b>PT32T1R</b>	8.28	13.34	3.18	—	—	—	
	<b>32T2R</b>	8.28	13.19	3.18	—	—	—	
	<b>42TR</b>	10.85	17.20	3.18	—	—	—	

## UNTERLEGPLATTE

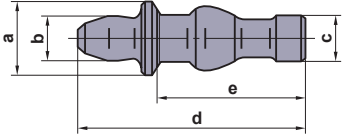
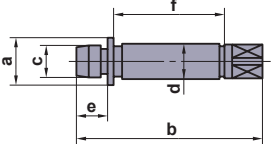
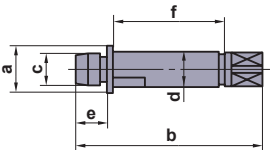
Geometrie	Bestell- bezeichnung	Abmessungen (mm)						Werkzeughalter
		a	b	c	d	e	f	
	<b>PV321</b>	9.52	3.18	0.4	0.4	—	—	<b>MP</b> Halter
	<b>322</b>	9.52	3.18	0.8	0.8	—	—	
	<b>323</b>	9.52	3.18	1.2	1.2	—	—	
	<b>SPSVN32</b>	8.06	3.18	0.3	0.3	—	—	<b>SP</b> Halter HSK System
	<b>STASX400N</b>	11.00	3.00	0.4	0.4	0.4	0.4	<b>ASX400</b> Fräser
	<b>STASX445N</b>	10.76	3.00	—	—	—	—	<b>ASX445</b> Fräser
	<b>STBS500N</b>	12.7	3.18	0.8	0.8	0.8	0.8	
	<b>WPSTN33</b>	9.3	4.76	0.8	0.4	1.2	—	<b>WP</b> Halter
	<b>43</b>	12.50	4.76	0.8	0.4	1.2	—	
	* <b>WPSWC43</b>	12.50	4.76	0.4	0.8	1.2	—	<b>M</b> Bohrstange
	<b>WPSWN43</b>	12.50	4.76	0.4	0.8	1.2	—	<b>WP</b> Halter

## BEFESTIGUNGSFEDER UND KNEIEBEL

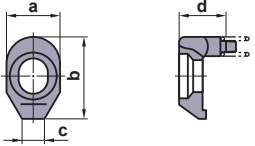
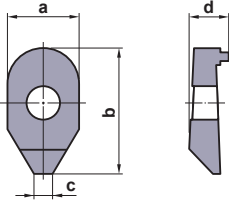
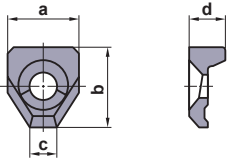
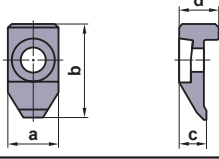
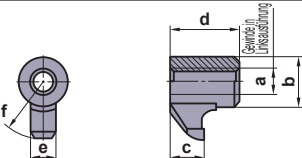
Geometrie	Bestell- bezeichnung	Abmessungen (mm)					Werkzeughalter
		a	b	c	d	e	
	<b>BCP141</b>	3.0	1.4	5.6	—	—	<b>SP</b> Halter
	<b>201</b>	4.3	2	7.4	—	—	<b>F</b> Bohrstange
	<b>202</b>	4.3	2	6.4	—	—	<b>HSK</b> System
	<b>251</b>	4.8	2.5	7.4	—	—	
	<b>252</b>	4.8	2.5	6.4	—	—	
	<b>301</b>	5.3	3	7.4	—	—	
	<b>401</b>	6.3	4	7.4	—	—	
	<b>CCP33</b>	6.5	3.66	M5×0.8	18.5	3	<b>WP</b> Halter
	<b>34</b>	7.5	5.0	M6×1.0	18.5	3	<b>M</b> Bohrstange
	<b>44</b>	7.5	5.0	M5×0.8	14.2	3	
	<b>LLCL12S</b>	2.1	9.3	5.6	—	—	<b>LL</b> Halter
	<b>13</b>	3.6	10	12.5	—	—	<b>P</b> Bohrstange
	<b>13S</b>	3.6	10	7.8	—	—	<b>HSK</b> System
	<b>14</b>	4.7	13.4	13.2	—	—	<b>KSMG</b> Fräser
	<b>14S</b>	4.7	13.6	12.2	—	—	
	<b>15</b>	6.0	19	17	—	—	
	<b>16</b>	7.5	20.8	21	—	—	
	<b>18</b>	8.6	25.4	25.2	—	—	
	<b>23</b>	3.6	12.0	11.5	—	—	
	<b>23S</b>	3.6	11.6	9.5	—	—	
	<b>24</b>	4.7	16.2	14.8	—	—	
	<b>25</b>	6.0	17.1	17	—	—	
	<b>110</b>	3.0	10.7	11.6	—	—	
	<b>112</b>	3.5	13	13.5	—	—	
	<b>116</b>	4.5	18.5	18	—	—	
	<b>120</b>	5.6	20.3	19	—	—	
	<b>125</b>	6	24	24	—	—	
	<b>132</b>	8	30	27	—	—	
	<b>LLP13</b>	5.55	4.85	5.3	—	—	<b>LL</b> Halter
	<b>14</b>	7.25	6.55	5.8	—	—	<b>DOPPELKLEMM</b> Halter
	<b>15</b>	8.8	8.05	8.6	—	—	<b>DIMPLE BAR-BOHRSTANGE</b>
	<b>16</b>	10.85	9.85	11.1	—	—	<b>P</b> Bohrstange
	<b>18</b>	15.35	13.05	12.0	—	—	<b>HSK</b> System
	<b>23</b>	5.55	4.85	6.8	—	—	<b>KSMG</b> Fräser
	<b>24</b>	7.25	6.55	9.1	—	—	
	<b>MP6</b>	11.9	7.8	M10×1	22.1	15	<b>DOPPELKLEMM</b> Halter (für Schwerzerspannung)

# ERSATZTEILE

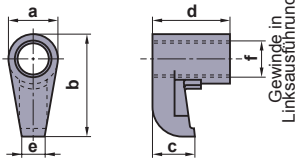
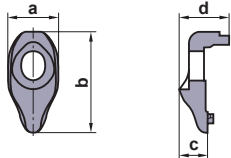
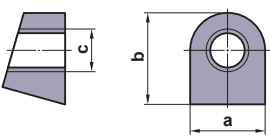
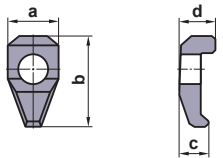
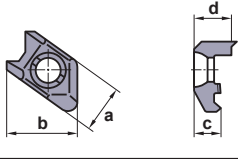
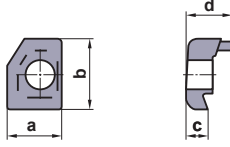
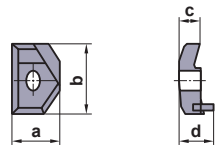
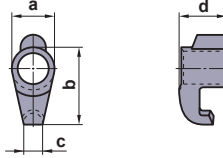
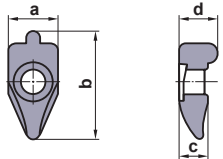
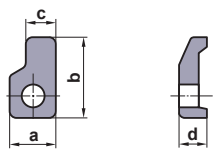
## KNIEHEBEL

Geometrie	Bestell- bezeichnung	Abmessungen (mm)						Werkzeughalter
		a	b	c	d	e	f	
	<b>P11S</b>	6	3.7	4	17	11.1	—	MP Halter
	<b>21S</b>	7.5	4.9	4.5	17.2	11.5	—	
	<b>P221US</b>	4	18	2.11	3.5	3.3	7.7	ML Halter
	<b>321US</b>	5.5	18	3.64	5.0	3.3	7.5	
	<b>322US</b>	5.5	21	3.64	5.0	3.3	10.5	
	<b>323US</b>	5.5	24	3.64	5.0	3.3	13.5	
	<b>332US</b>	5.5	21	3.64	5.0	4.9	8.9	ML Halter
	<b>P323WS</b>	5.75	24	3.64	5.0	3.3	12.9	
	<b>333WS</b>	5.75	24	3.64	5.0	4.9	11.3	
	<b>334WS</b>	5.75	30	3.64	5.0	4.9	17.3	
	<b>433W</b>	7.75	24	5.03	7.0	4.9	10.8	
<b>434W</b>	7.75	30	5.03	7.0	4.9	16.8		

## SPANNPRATZE

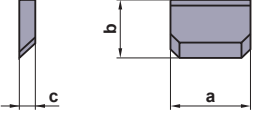
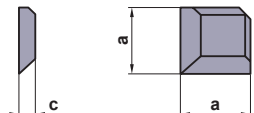
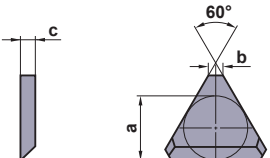
Geometrie	Bestell- bezeichnung	Abmessungen (mm)						Werkzeughalter
		a	b	c	d	e	f	
	<b>AMS3</b>	7	12	3	3.3	—	—	Profil Halter AJX Fräser BRE Fräser
	<b>4</b>	9	13.5	3	3.8	—	—	
	<b>5</b>	10	15	3.5	5	—	—	
	<b>CA142</b>	8	15	4	7	—	—	
	<b>150</b>	9	16	4.5	7	—	—	
	<b>151</b>	10	17	5	7	—	—	
	<b>152</b>	10	19	5	7	—	—	
	<b>153</b>	10	24	5	7	—	—	
	<b>161</b>	13	20	6	8	—	—	
	<b>162</b>	13	24	6	8	—	—	
	<b>163</b>	13	27	6	8	—	—	
	<b>181</b>	16	30	8	10	—	—	
<b>183</b>	16	37	8	10	—	—		
	<b>CCK13</b>	15	18.5	6	9	—	—	WP Halter M Bohrstange
	<b>14</b>	19	22	8	9.5	—	—	
	<b>CCTC1</b>	13	25	7	10.2	—	—	
	<b>CK231</b>	M6×1	8	4	7.5	4.5	9.5	MC Halter
	<b>232</b>	M6×1	8	4.5	8	4.5	11.5	
	<b>341</b>	M8×1	11	5.5	13.5	6	13.5	
	<b>342</b>	M8×1	11	6	14	6	16.5	

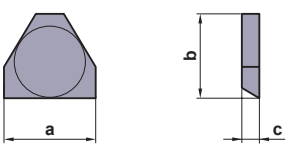
# SPANNPRATZE

Geometrie	Bestellbezeichnung	Abmessungen (mm)						Werkzeughalter
		a	b	c	d	e	f	
	<b>CKW6</b>	10.9	22.5	9.2	16.8	5	M8×1	<b>DOPPELKLEMM Halter</b> (für Schwerzerspannung)
	<b>DCK2211</b>	11	22	6.57	11.1	—	—	<b>DOPPELKLEMM Halter</b>
	<b>2613</b>	13	26.5	7.35	12.9	—	—	<b>DIMPLE BAR-BOHRSTANGE</b>
	<b>3113</b>	13	31	9	14.5	—	—	<b>HSK System</b>
	<b>KGC1</b>	12.0	15.0	M7×0.75	—	—	—	<b>UG Halter</b>
	<b>LK1</b>	8	14.3	4.5	5.9	—	—	
	<b>MHK5NR/L</b>	15.5	23.5	8.1	12.1	—	—	
	<b>MTK1R/L</b>	13	17.5	5	12	—	—	<b>MG1 Halter</b> <b>MG Halter</b> <b>MT Halter</b> <b>MT1 Halter</b> <b>HSK System</b> <b>MG Kurzklammhalter</b>
	<b>MTK2R/L</b>	18	28	7	14	—	—	
	<b>SETK51</b>	6.8	14.5	2.9	8	—	—	<b>MMTE Halter</b>
	<b>61</b>	8.9	18.1	4.1	8.6	—	—	<b>MMTI Halter</b> <b>SET Halter</b> <b>SNT Halter</b> <b>HSK System</b> <b>SET Kurzklammhalter</b>
	<b>SRK1R</b>	9.4	21	5.5	7.5	—	—	<b>SRE Fräser</b>
	<b>UCR</b>	12	24	8	7	—	—	

# ERSATZTEILE

## SPANBRECHER

Geometrie	Bestell- bezeichnung	Abmessungen (mm)					Werkzeughalter
		a	b	c	Durchmesser	Spanbrecher Breite	
	<b>CBS3</b>	9.4	8.0	1.5	9.525	1.5	
	<b>4</b>	12.6	9.2	2.5	12.70	3.5	
	<b>4N</b>	12.6	10.2	2.5	12.70	2.5	
	<b>4F</b>	12.6	11.2	2.5	12.70	1.5	
	<b>6</b>	18.9	14.6	2.5	19.05	4.5	
	<b>6N</b>	18.9	16.6	2.5	19.05	2.5	
	<b>6F</b>	18.9	17.6	2.5	19.05	1.5	
	<b>CBS3D</b>	8.0	—	1.5	9.525	1.5	
	<b>4D</b>	10.2	—	2.5	12.70	2.5	
	<b>6D</b>	15.6	—	2.5	19.05	3.5	
	<b>CBT2</b>	5.33	1.4	1.5	6.35	1.5	F Bohrstange * Für positive WSP ist die Spanbrecherbreite 0.5mm größer als in der Liste angegeben.
	<b>2N</b>	5.67	1.4	1.5	6.35	1.0	
	<b>3</b>	7.20	1.4	2.5	9.525	3.5	
	<b>3N</b>	7.87	1.4	2.5	9.525	2.5	
	<b>3F</b>	8.53	1.4	2.5	9.525	1.5	
	<b>4</b>	9.73	1.4	2.5	12.70	4.5	
	<b>4N</b>	11.07	1.4	2.5	12.70	2.5	
	<b>4F</b>	11.73	1.4	2.5	12.70	1.5	

Geometrie	Bestell- bezeichnung	Abmessungen (mm)			Gewindesteigung (mm)	Werkzeughalter
		a	b	c		
	<b>CBT3106</b>	11.5	10.6	2.0	2.5–3.0	
	<b>3113</b>	11.5	11.3	2.0	1.5–2.0	
	<b>3120</b>	11.5	12	2.0	0.75–1.25	
	<b>4108</b>	13.3	10.8	2.0	3.5–4.0	
	<b>4128</b>	13.3	12.8	2.0	4.5–5.0	



# KUPFERPASTEN

## KUPFERPASTEN

Form	Bestellbezeichnung	Lager	Inhalt (g)
	MK1K	★	20
	MK1KS	★	3

# Notizen

---

A series of horizontal dashed lines for taking notes, spanning the width of the page.