Product information

- \bullet balancing quality G2.5 / 25,000 rev./min or U < 1 gmm
- incl. balancing thread 4xM6/6xM6
- BT taper form AD/B
- BT30 design JD without coolant supply via collar (*: version AD without coolant supply over collar)
- for tool shank tolerance h6
- BT30 M12 x 1.75 retention knob
- BT40 M16 x 2.0 retention knob
- BT50 M24 x 3.0 retention knob

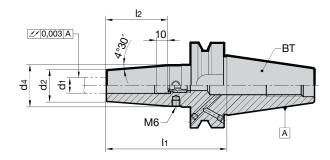
Scope of delivery

- incl. setting screw, Series no. 4977 or 4904
- special dimensions on request



4739

Series no.



MAS/BT									Series no.	4739
30° 3/16 10 18 80 34 904970080180 0.60 104.030 904739104300 30° 1/4 21 27 80 36 904977060140 0.60 106.030 9047391060300 30° 5/16 21 27 80 36 904977060140 109.030 9047391070300 30° 3/8 24 32 80 41 904977010140 109.030 9047391109300 30° 5/8 27 34 80 46 904977010140 0.80 115.030 9047391120300 30° 5/8 27 34 80 49 9049770160140 0.80 115.030 9047391120300 30° 5/8 27 34 80 49 9049770160140 0.80 115.030 9047391103000 30° 3/4 33 42 90 51 904970160140 0.90 119.030 9047391190300 30° 5/8 10 18 80 35 9049040060160 0.60 4.030 9047391190300 30° 5 10 18 80 35 9049040060160 0.60 4.030 9047390060300 30° 5 10 18 80 40 904977060140 0.70 6.030 9047390060300 30° 5 10 18 80 40 9049040080180 0.6 5.030 904739060300 30° 6 21 27 80 36 9049770060140 0.70 6.030 904739060300 30° 10 24 32 80 41 9049770100140 0.80 10.030 904739060300 30° 10 24 32 80 41 9049770100140 0.80 12.030 904739060300 30° 12 24 32 80 46 9049770180140 0.80 12.030 9047390100300 30° 12 24 32 80 46 9049770180140 0.80 12.030 9047390100300 30° 14 27 34 80 46 9049770120140 0.80 12.030 9047390100300 30° 16 27 34 80 49 9049770120140 0.80 12.030 9047390100300 30° 16 27 34 80 49 9049770120140 0.80 14.030 9047390100300 30° 16 27 34 80 49 9049770120140 0.80 14.030 9047390100300 30° 16 27 34 80 49 9049770120140 0.80 16.030 9047390100300 30° 16 27 34 80 49 9049770120140 0.80 16.030 9047390100300 30° 16 27 34 80 49 9049770120140 0.80 16.030 9047390100300 30° 16 27 34 80 49 9049770120140 0.80 16.030 9047390100300 30° 16 33 3 42 90 49 9049770120140 0.80 16.030 9047390100300 30° 16 33 342 90 49 9049770120140 0.80 16.030 9047390100300 40 40 4 10 18 85 35 9049040060160 1.00 3.040 9047390100300 40 40 4 10 18 85 35 9049040060160 1.00 3.040 9047390100300 40 40 40 5 10 18 85 35 9049040060160 1.00 3.040 9047390100400 40 6 21 27 90 36 9049770120140 1.20 8.040 9047390100400 40 10 24 32 90 41 9049770120140 1.20 8.040 9047390100400 40 10 24 32 90 41 9049770120140 1.20 8.040 9047390100400 40 10 24 32 90 46 9049770120140 1.20 8.040 9047390100400 40 11 22 4 32 90 41 9049770120140 1.00 1.00 904739010040	MAS/BT	shank Ø					setting screw	kg		EDP Number
30° 1/4 21 27 80 36 9049770080140 0.60 106.030 904739106300 30° 5/16 21 27 80 36 9049770080140 109.030 9047391070300 30° 3/8 24 32 80 41 9049770180140 172.030 9047391103000 30° 1/2 24 34 80 46 9049770180140 0.70 112.030 9047391150300 30° 5/8 27 34 80 49 9049770160140 0.90 119.030 9047391150300 30° 3/4 33 42 90 51 9049770160140 0.90 119.030 9047391160300 30° 3 10 18 80 35 9049040060160 0.60 4.030 9047391193300 30° 4 10 18 80 35 9049040060160 0.60 4.030 9047390043300 30° 5 10 18 80 40 9049040080180 0.6 5.030 9047390043300 30° 6 21 27 80 36 904977060140 0.70 8.030 9047390063300 30° 6 21 27 80 36 904977060140 0.70 8.030 9047390083300 30° 10 24 32 80 41 9049770100140 0.80 12.030 9047390083300 30° 12 24 32 80 41 9049770100140 0.80 12.030 9047390103300 30° 14 27 34 80 46 9049770120140 0.80 12.030 9047390103300 30° 16 27 34 80 46 9049770120140 0.80 14.030 90473901603300 30° 16 27 34 80 46 9049770120140 0.80 14.030 90473901603300 30° 16 27 34 80 49 9049770120140 0.80 14.030 90473901603300 30° 18 33 42 90 49 9049770120140 0.80 14.030 90473901603300 30° 18 33 42 90 49 9049770120140 0.80 14.030 90473901603300 30° 18 33 42 90 49 9049770120140 0.80 14.030 90473901603300 30° 18 33 42 90 49 9049770120140 0.80 14.030 9047390160300 30° 18 33 42 90 49 9049770120140 0.80 14.030 9047390160300 40 40 40 40 40 40 40	30*	1/8	10	18	80	34	9049040050160	0.60	103.030	9047391030300
30° 1/4 21 27 80 36 9049770080140 0.60 0.60.30 9047391063300 30° 5/16 21 27 80 36 9049770080140 0.70 107.030 9047391070300 30° 3/8 24 32 80 41 9049770180140 0.70 112.030 9047391103300 30° 1/2 24 34 80 46 9049770160140 0.70 112.030 9047391103300 30° 5/8 27 34 80 49 9049770160140 0.80 115.030 90473911103300 30° 3/4 33 42 90 51 9049770160140 0.90 119.030 9047391190300 30° 3 10 18 80 35 9049040060160 0.60 4.030 9047390040300 30° 4 10 18 80 45 90494040060160 0.60 4.030 9047390040300 30° 5 10 18 80 40 9049040060160 0.60 4.030 9047390040300 30° 6 21 27 80 36 9049770060140 0.70 8.030 9047390060300 30° 6 21 27 80 36 9049770060140 0.70 8.030 9047390060300 30° 10 24 32 80 41 9049770160140 0.80 10.030 9047390060300 30° 12 24 32 80 44 9049770120140 0.80 12.030 9047390103300 30° 14 27 34 80 46 9049770120140 0.80 12.030 9047390103300 30° 16 27 34 80 49 9049770160140 0.80 14.030 9047390160300 30° 18 33 42 90 49 9049770160140 0.80 16.030 9047390160300 30° 18 33 42 90 49 9049770160140 0.80 16.030 9047390160300 30° 18 33 42 90 49 9049770160140 0.80 16.030 9047390160300 30° 18 33 42 90 49 9049770160140 0.80 16.030 9047390160300 30° 18 33 42 90 49 9049770160140 0.80 16.030 9047390160300 30° 18 33 42 90 49 9049770160140 0.80 16.030 9047390160300 40 40 40 40 40 40 40	30*	3/16	10	18	80	34	9049040080180	0.60	104.030	9047391040300
30° 3/8 24 32 80 41 904977080140 109,030 9047391190300 30° 1/2 24 34 80 46 9049770160140 0.70 112,030 9047391120300 30° 5/8 27 34 80 49 9049770160140 0.80 115,030 9047391150300 30° 3/4 33 42 90 51 9049770160140 0.90 119,030 9047391190300 30° 3/4 10 18 80 30 9049040050160 0.60 3.030 904739010300 30° 4 10 18 80 35 9049040060180 0.66 5.030 9047390030300 30° 5 10 18 80 40 9049040080180 0.66 5.030 9047390050300 30° 6 21 27 80 36 9049770080140 0.70 8.030 9047390080300 30° 10 24 32 80 41 9049770100140 0.80 10.030 904739010300 30° 10 24 32 80 41 9049770100140 0.80 12.030 904739010300 30° 110 24 32 80 41 9049770120140 0.80 12.030 904739010300 30° 16 27 34 80 46 9049770120140 0.80 12.030 904739010300 30° 16 27 34 80 49 9049770120140 0.80 16.030 904739010300 30° 16 27 34 80 49 9049770120140 0.80 16.030 904739010300 30° 18 33 42 90 49 9049770160140 0.90 18.030 904739010300 30° 18 8 33 42 90 49 9049770160140 0.80 16.030 904739010300 30° 18 8 33 42 90 49 9049770160140 0.80 16.030 904739010300 30° 18 8 33 42 90 49 9049770160140 0.90 18.030 904739010300 40 3 10 18 85 30 9049040050160 1.00 3.040 904739010300 40 4 10 18 85 30 9049040050160 1.00 4.040 9047390000400 40 4 10 18 85 30 9049040050160 1.00 5.040 9047390000400 40 40 40 10 18 85 30 9049040050160 1.00 5.040 9047390000400 40 40 41 10 18 85 30 9049040050160 1.00 5.040 9047390000400 40 40 41 10 18 85 30 9049040050160 1.00 5.040 9047390000400 40 40 40 10 18 85 40 9049070050140 1.20 6.040 9047390000400 40 40 41 10 48 85 30 9049070050140 1.20 6.040 9047390000400 40 40 41 10 42 32 90 46 9049770100140 1.40 16.040 9047390000400 40 40 41 10 42 32 90 46 9049770100140 1.40 16.040 9047390060400 40 40 41 10 42 32 90 46 9049770100140 1.40 16.040 9047390100400 40 40 41 42 7 34 90 49 9049770100140 1.40 16.040 9047390100400 40 16 27 34 90 49 9049770100140 1.40 16.040 9047390100400 40 16 27 34 90 49 9049770100140 1.40 16.040 9047390100400 40 16 27 34 90 49 9049770100140 1.40 16.040 9047390100400 40 16 27 34 90 49 9049770100140 1.40 16.040 9047390100400 40 16 27 34 30 36 9049770000140 1.40 1	30*		21	27	80		9049770060140	0.60	106.030	9047391060300
30° 1/2 24 34 80 46 9049770160140 0.70 112.030 9047391120300 30° 5/8 27 34 80 49 9049770160140 0.80 115.030 9047391150300 30° 3/4 33 42 90 51 9049770160140 0.90 119.030 9047391190300 30° 3/4 10 18 80 30 9049040050160 0.60 3.030 9047390030300 30° 4 10 18 80 35 9049040060160 0.60 4.030 9047390030300 30° 5 10 18 80 40 9049040080180 0.6 5.030 9047390050300 30° 6 21 27 80 36 9049770060140 0.70 6.030 9047390060300 30° 8 21 27 80 36 9049770060140 0.70 8.030 9047390060300 30° 10 24 32 80 41 9049770100140 0.80 10.030 904739010300 30° 110 24 32 80 46 9049770120140 0.80 12.030 9047390120300 30° 16 27 34 80 46 9049770120140 0.80 12.030 9047390160300 30° 16 27 34 80 49 9049770160140 0.80 14.030 9047390160300 30° 18 33 42 90 49 9049770160140 0.80 16.030 9047390160300 30° 18 33 42 90 549 9049770160140 0.90 18.030 9047390160300 30° 18 33 42 90 549 9049770160140 0.90 18.030 9047390160300 30° 18 33 42 90 549 9049770160140 0.90 18.030 9047390160300 40 4 10 18 85 30 9049770201140 0.90 20.030 9047390160300 40 4 10 18 85 35 9049040060160 1.00 3.040 9047390040400 40 5 10 18 85 35 9049040060160 1.00 4.040 9047390040400 40 6 21 27 90 36 9049770201140 1.20 6.040 9047390050400 40 8 21 27 90 36 9049770060140 1.20 6.040 9047390050400 40 10 24 32 90 46 9049770160140 1.20 6.040 9047390060400 40 10 24 32 90 46 9049770160140 1.20 6.040 9047390060400 40 10 24 32 90 46 9049770160140 1.30 10.040 9047390060400 40 11 2 24 32 90 46 9049770160140 1.20 6.040 9047390060400 40 11 2 24 32 90 46 9049770160140 1.20 6.040 9047390060400 40 12 24 32 90 46 9049770160140 1.40 16.040 904739010400 40 16 27 34 90 49 9049770160140 1.40 16.040 904739010400 40 16 27 34 90 49 9049770160140 1.40 16.040 9047390120400 40 16 27 34 90 49 9049770160140 1.40 16.040 9047390120400 40 16 27 34 90 49 9049770160140 1.40 16.040 9047390120400 40 18 33 42 90 49 9049770160140 1.40 16.040 9047390120400 40 16 27 34 90 49 9049770160140 1.40 16.040 9047390120400 40 16 27 34 90 49 9049770160140 1.40 16.040 9047390120400 40 16 27 34 30 40 9049770100140 1.40 16.040 9047390120400 40 10 24 32	30*	5/16	21	27	80	36	9049770080140	0.70	107.030	9047391070300
30° 5/8 27 34 80 49 9049770160140 0.80 115.030 9047391150300 30° 3/4 33 42 90 51 9049770160140 0.90 119.030 9047391190300 30° 3 10 18 80 30 9049040050160 0.60 3.030 9047390030300 30° 4 10 18 80 40 9049040080180 0.6 5.030 9047390040300 30° 5 10 18 80 40 9049040080180 0.6 5.030 9047390060300 30° 6 21 27 80 36 9049770060140 0.70 6.030 9047390060300 30° 8 21 27 80 36 9049770060140 0.70 6.030 9047390060300 30° 10 24 32 80 41 9049770100140 0.80 10.030 904739010300 30° 11 2 24 32 80 46 9049770100140 0.80 12.030 904739010300 30° 14 27 34 80 46 9049770120140 0.80 12.030 90473901140300 30° 16 27 34 80 49 9049770160140 0.80 18.030 90473901140300 30° 18 33 42 90 49 9049770160140 0.90 18.030 9047390160300 30° 18 33 42 90 51 9049770160140 0.90 18.030 9047390160300 30° 18 8 33 42 90 51 9049770160140 0.90 18.030 9047390160300 40 3 10 18 85 30 90499770160140 0.90 18.030 9047390160300 40 4 10 18 85 35 9049040050160 1.00 3.040 9047390200300 40 3 10 18 85 35 9049040050160 1.00 4.040 9047390200300 40 40 4 10 18 85 35 9049040050160 1.00 4.040 9047390040400 40 6 21 27 90 36 9049770160140 1.20 6.040 9047390060400 40 6 21 27 90 36 9049770160140 1.20 6.040 9047390060400 40 8 21 27 90 36 9049770160140 1.20 6.040 9047390060400 40 10 24 32 90 46 9049770160140 1.20 6.040 9047390060400 40 11 2 24 32 90 46 9049770160140 1.20 8.040 9047390060400 40 11 2 24 32 90 46 9049770160140 1.30 1.040 9047390060400 40 11 2 24 32 90 46 9049770160140 1.30 1.040 9047390060400 40 11 2 24 32 90 46 9049770160140 1.30 1.040 9047390060400 40 11 2 24 32 90 49 9049770160140 1.30 1.040 90473900160400 40 16 27 34 90 49 9049770160140 1.30 1.040 90473900160400 40 16 27 34 90 49 9049770160140 1.30 1.040 90473900160400 40 16 27 34 90 49 9049770160140 1.30 1.040 90473900160400 40 16 27 34 90 49 9049770160140 1.30 1.040 90473900160400 40 16 27 34 90 49 9049770160140 1.30 1.040 90473900160400 40 16 27 34 90 49 9049770160140 1.40 14.040 9047390160400 40 16 27 34 90 49 9049770160140 1.40 14.040 9047390160400 40 16 27 34 90 49 9049770160140 1.40 14.040 9047390160400 40 16 27 3	30*	3/8	24	32	80	41	9049770080140		109.030	9047391090300
30° 3/4 33 42 90 51 9049770160140 0.90 119.030 9047391190300 30° 3 10 18 80 35 9049040050160 0.60 3.030 9047390040300 30° 4 10 18 80 35 9049040060160 0.60 4.030 9047390040300 30° 6 21 27 80 36 9049770060140 0.70 6.030 9047390060300 30° 8 21 27 80 36 9049770080140 0.70 8.030 9047390080300 30° 10 24 32 80 41 904977010140 0.80 110.030 9047390080300 30° 12 24 32 80 46 9049770120140 0.80 12.030 904739010300 30° 14 27 34 80 46 9049770120140 0.80 18.030 9047390140300 30° 18 33 42 90 49 9049770160140 0.80 16.030 9047390160300 30° 18 33 42 90 51 9049770160140 0.80 16.030 904739010300 30° 18 33 42 90 51 9049770160140 0.80 16.030 9047390160300 40 3 10 18 85 30 9049770160140 0.90 18.030 9047390160300 40 4 10 18 85 35 9049040050160 1.00 3.040 9047390160300 40 5 10 18 85 35 9049040050160 1.00 3.040 904739003000 40 4 10 18 85 35 9049040050160 1.00 3.040 904739003000 40 6 21 27 90 36 904977006140 1.20 6.040 904739004000 40 6 21 27 90 36 904977006140 1.20 6.040 904739004000 40 6 21 27 90 36 904977006140 1.20 6.040 9047390060400 40 10 24 32 90 41 904977006140 1.20 6.040 9047390060400 40 10 24 32 90 41 9049770160140 1.20 6.040 9047390060400 40 10 24 32 90 41 9049770160140 1.20 6.040 9047390060400 40 11 2 24 32 90 41 9049770160140 1.30 11.040 904739010400 40 11 2 24 32 90 41 9049770160140 1.20 6.040 9047390160400 40 11 2 24 32 90 41 9049770160140 1.30 11.040 904739010400 40 16 27 34 90 49 9049770160140 1.30 11.040 904739010400 40 16 27 34 90 49 9049770160140 1.40 16.040 9047390160400 40 16 27 34 90 49 9049770160140 1.40 16.040 9047390160400 40 18 33 42 90 51 9049770160140 1.40 16.040 9047390160400 40 16 27 34 90 49 9049770160140 1.40 18.040 9047390160400 40 16 27 34 90 49 9049770160140 1.40 18.040 9047390160400 40 16 27 34 90 49 9049770160140 1.40 18.040 9047390160400 40 16 27 34 90 49 9049770160140 1.40 18.040 9047390160400 40 16 27 34 90 49 9049770160140 1.40 18.040 9047390160400 40 16 27 34 90 49 9049770160140 1.40 18.040 9047390160400 40 16 27 34 90 49 9049770160140 1.40 18.040 9047390160400 40 25 44 53 100 61 9049770160140 1.	30*	1/2	24	34	80	46	9049770120140	0.70	112.030	9047391120300
30° 3 10 18 80 30 9049040050160 0.60 3.030 9047390030300 30° 4 10 18 80 35 9049040060160 0.60 4.030 9047390040300 30° 5 10 18 80 40 9049040080180 0.6 5.030 9047390060300 30° 6 21 27 80 36 9049770060140 0.70 8.030 9047390060300 30° 10 24 32 80 41 9049770100140 0.80 10.030 9047390100300 30° 11 2 24 32 80 41 9049770100140 0.80 12.030 9047390120300 30° 12 2 24 32 80 46 9049770120140 0.80 12.030 9047390120300 30° 16 27 34 80 49 9049770120140 0.80 12.030 9047390120300 30° 16 27 34 80 49 9049770160140 0.80 14.030 9047390120300 30° 18 33 42 90 49 9049770160140 0.80 16.030 9047390160300 30° 18 33 42 90 51 904970160140 0.90 18.030 9047390160300 30° 18 83 34 2 90 51 904970160140 0.90 18.030 9047390160300 30° 18 83 34 2 90 51 904970160140 0.90 40.030 9047390160300 30° 18 83 34 2 90 51 904970160140 0.90 18.030 9047390180300 30° 18 83 34 2 90 51 904970160140 0.90 20.030 9047390160300 30° 18 83 34 2 90 51 904970060140 0.90 18.030 9047390180300 30° 20 33 42 90 51 904970060140 0.90 20.030 9047390180300 30° 20 33 42 90 51 904970060140 0.90 20.030 9047390180300 40 40 4 10 18 85 35 9049040050160 1.00 3.040 9047390030400 40 40 6 21 27 90 36 904904008180 1.00 5.040 9047390060400 40 6 21 27 90 36 904970060140 1.20 6.040 9047390060400 40 8 21 27 90 36 9049770060140 1.20 6.040 9047390060400 40 12 24 32 90 46 9049770100140 1.30 10.040 9047390060400 40 12 24 32 90 46 9049770100140 1.30 10.040 9047390100400 40 16 27 34 90 49 9049770100140 1.30 10.040 9047390100400 40 16 27 34 90 49 9049770100140 1.30 10.040 9047390100400 40 16 27 34 90 49 9049770100140 1.40 16.040 9047390100400 40 16 27 34 90 49 9049770100140 1.40 16.040 9047390100400 40 16 27 34 90 49 9049770100140 1.30 12.040 9047390100400 40 16 27 34 90 49 9049770100140 1.40 16.040 9047390100400 40 16 27 34 90 49 9049770100140 1.40 16.040 9047390100400 40 16 27 34 90 49 9049770100140 1.40 16.040 9047390100400 40 12 24 32 90 46 9049770100140 1.40 16.040 9047390100400 40 16 27 34 90 49 9049770100140 1.40 16.040 9047390100400 40 16 27 34 90 49 9049770100140 1.40 16.040 9047390100400 40 16	30*	5/8	27	34	80	49	9049770160140	0.80	115.030	9047391150300
30° 4	30*	3/4	33	42	90	51	9049770160140	0.90	119.030	9047391190300
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30° 10		6					9049770060140	0.70		9047390060300
30° 12	30*				80		9049770080140	0.70	8.030	9047390080300
30° 14					80		9049770100140			9047390100300
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	40	16	33	42	130	49	9049770160140	1.50	16.140	9047390161400

								Series no.	4739
MAS/BT	for shank Ø d _{1 h6} mm/inch	d ₂ mm	d ₄ mm	l ₁ mm	l ₂ mm	incl. setting screw Guh. no. Code no.	kg	Code no.	EDP Number
40	18	33	42	130	51	9049770160140	1.50	18.140	9047390181400
40	20	44	53	130	57	9049770201140	1.80	20.140	9047390201400
40	25	44	53	130	58	9049770201140	2.00	25.140	9047390251400
40	32	44	53	130	61	9049770201140	1.90	32.140	9047390321400
50	6	21	27	100	36	9049770060140	2.90	6.050	9047390060500
50	8	21	27	100	36	9049770080140	2.90	8.050	9047390080500
50	10	24	32	100	41	9049770100140	2.90	10.050	9047390100500
50	12	24	32	100	46	9049770120140	2.90	12.050	9047390120500
50	14	27	34	100	46	9049770120140	3.00	14.050	9047390140500
50	16	27	34	100	49	9049770160140	3.00	16.050	9047390160500
50	18	33	42	100	49	9049770160140	1.90	18.050	9047390180500
50	20	33	42	100	51	9049770201140	1.90	20.050	9047390200500
50	25	44	53	110	57	9049770201140	2.20	25.050	9047390250500
50	32	44	53	110	61	9049770201140	2 20	32 050	9047390320500