

X3 Series



BMW X3, 20d xDrive, Typ G01, 190 PS / 140 kW
BMW X3, 30d xDrive, Typ G01, 265 PS / 195 kW
BMW X3, M40i xDrive, Typ G01, 360 PS / 265 kW
BMW X3, 20i xDrive, Typ G01, 184 PS / 135 kW
BMW X3, 30i xDrive, Typ G01, 252 PS / 185 kW

Application								
BMW X3 Typ G01								5x112
19 Zoll / 19 Inch								
Design	Achse Axle	Größe Size	ET Offset	Reifengröße Tyre size	Distanzscheibenstärke Spacer thickness	Distanzscheiben [siehe unten] Spacer [see below]	Radschrauben Bolts	Auflagen Remarks
Race LS 2	VA	8,5x19	52	235/50R19	20mm	20°	M14x1,25x50	11, R7f, 47, 48
	HA	8,5x19	52	235/50R19	20mm	20°	M14x1,25x50	11, R7f, 47, 48
	VA	8,5x19	52	235/50R19	20mm	20°	M14x1,25x50	11, R7f, 47, 48
	HA	8,5x19	52	265/45R19	20mm	20°	M14x1,25x50	11, R7f, 47, 48
	VA	8,5x19	52	245/45R19	20mm	20°	M14x1,25x50	11, R7f, 47, 48
	HA	8,5x19	52	245/45R19	20mm	20°	M14x1,25x50	11, R7f, 47, 48
	VA	8,5x19	52	255/45R19	20mm	20°	M14x1,25x50	11, R7f, 47, 48
	HA	8,5x19	52	255/45R19	20mm	20°	M14x1,25x50	11, R7f, 47, 48
	VA	8,5x19	35	235/50R19	none		M14x1,25x30	11, R7f, 47, 48, M
	HA	8,5x19	35	235/50R19	none		M14x1,25x30	11, R7f, 47, 48, M
	VA	8,5x19	35	235/50R19	none		M14x1,25x30	11, R7f, 47, 48, M
	HA	8,5x19	35	265/45R19	none		M14x1,25x30	11, R7f, 47, 48, M
	VA	8,5x19	35	245/45R19	none		M14x1,25x30	11, R7f, 47, 48, M
	HA	8,5x19	35	245/45R19	none		M14x1,25x30	11, R7f, 47, 48, M
	VA	8,5x19	35	255/45R19	none		M14x1,25x30	11, R7f, 47, 48, M
	HA	8,5x19	35	255/45R19	none		M14x1,25x30	11, R7f, 47, 48, M

20 Zoll / 20 Inch

Design	Achse Axle	Größe Size	ET Offset	Reifengröße Tyre size	Distanzscheibenstärke Spacer thickness	Distanzscheiben [siehe unten] Spacer [see below]	Radschrauben Bolts	Auflagen Remarks
Fascinate	VA	8,5x20	30	235/45R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	8,5x20	30	235/45R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	VA	8,5x20	30	245/45R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	8,5x20	30	245/45R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	VA	8,5x20	30	245/40R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	8,5x20	30	245/40R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	VA	8,5x20	30	255/40R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	8,5x20	30	255/40R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	VA	8,5x20	30	235/45R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10x20	35	265/40R20	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48, K4b
	VA	8,5x20	30	245/45R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10x20	35	275/40R20	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48, K4b
	VA	8,5x20	30	245/40R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10x20	35	275/35R20	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48, K4b
	VA	8,5x20	30	245/40R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10x20	35	285/35R20	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48, K4b
	VA	8,5x20	30	255/40R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10x20	35	255/40R20	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	VA	8,5x20	30	255/40R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10x20	35	285/35R20	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48, K4b
VA	8,5x20	30	255/40R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48	
HA	10x20	35	295/35R20	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48, K4b	

20 Zoll / 20 Inch

Design	Achse Axle	Größe Size	ET Offset	Reifengröße Tyre size	Distanzscheibenstärke Spacer thickness	Distanzscheiben [siehe unten] Spacer [see below]	Radschrauben Bolts	Auflagen Remarks
Race LS 2	VA	8,5x20	30	235/45R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40	11, R7f, 47, 48
	HA	8,5x20	30	235/45R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40	11, R7f, 47, 48
	VA	8,5x20	30	245/45R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40	11, R7f, 47, 48
	HA	8,5x20	30	245/45R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40	11, R7f, 47, 48
	VA	8,5x20	30	245/40R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40	11, R7f, 47, 48
	HA	8,5x20	30	245/40R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40	11, R7f, 47, 48
	VA	8,5x20	30	255/40R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40	11, R7f, 47, 48
	HA	8,5x20	30	255/40R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40	11, R7f, 47, 48
	VA	8,5x20	30	235/45R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40	11, R7f, 47, 48
	HA	10,0x20	38	265/40R20	none		M14x1,25x30	11, R7f, 47, 48
	VA	8,5x20	30	245/45R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40	11, R7f, 47, 48
	HA	10,0x20	38	275/40R20	none		M14x1,25x30	11, R7f, 47, 48
	VA	8,5x20	30	245/40R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40	11, R7f, 47, 48
	HA	10x20	38	275/35R20	none		M14x1,25x30	11, R7f, 47, 48
	VA	8,5x20	30	245/40R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40	11, R7f, 47, 48
	HA	10x20	38	285/35R20	none		M14x1,25x30	11, R7f, 47, 48
	VA	8,5x20	30	255/40R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40	11, R7f, 47, 48
	HA	10x20	38	255/40R20	none		M14x1,25x30	11, R7f, 47, 48
	VA	8,5x20	30	255/40R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40	11, R7f, 47, 48
	HA	10x20	38	285/35R20	none		M14x1,25x30	11, R7f, 47, 48
VA	8,5x20	30	255/40R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40	11, R7f, 47, 48	
HA	10x20	38	295/35R20	none		M14x1,25x30	11, R7f, 47, 48, K4b	

20 Zoll / 20 Inch

Design	Achse Axle	Größe Size	ET Offset	Reifengröße Tyre size	Distanzscheibenstärke Spacer thickness	Distanzscheiben [siehe unten] Spacer [see below]	Radschrauben Bolts	Auflagen Remarks
Topas	VA	8,5x20	30	235/45R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	8,5x20	30	235/45R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	VA	8,5x20	30	245/45R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	8,5x20	30	245/45R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	VA	8,5x20	30	245/40R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	8,5x20	30	245/40R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	VA	8,5x20	30	255/40R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	8,5x20	30	255/40R20	0, 11mm	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	VA	8,5x20	30	235/45R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10,0x20	38	265/40R20	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	VA	8,5x20	30	245/45R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10,0x20	38	275/40R20	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	VA	8,5x20	30	245/40R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10x20	38	275/35R20	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	VA	8,5x20	30	245/40R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10x20	38	285/35R20	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	VA	8,5x20	30	255/40R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10x20	38	255/40R20	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	VA	8,5x20	30	255/40R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10x20	38	285/35R20	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
VA	8,5x20	30	255/40R20	0, 11mm (0mm only 140kW)	0, 11 ^e	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48	
HA	10x20	38	295/35R20	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48, K4b	

21 Zoll / 21 Inch

Design	Achse Axle	Größe Size	ET Offset	Reifengröße Tyre size	Distanzscheibenstärke Spacer thickness	Distanzscheiben [siehe unten] Spacer [see below]	Radschrauben Bolts	Auflagen Remarks
Fascinate	VA	9,0x21	30	245/40R21	0, 11mm	0, 11°	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	9,0x21	30	245/40R21	0, 11mm	0, 11°	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	VA	9,0x21	30	245/40R21	0, 11mm	0, 11°	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10,5x21	44	275/35R21	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	VA	9,0x21	30	245/35R21	0, 11mm	0, 11°	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10,5x21	44	285/30R21	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	VA	9,0x21	30	265/35R21	0, 11mm	0, 11°	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	9,0x21	30	265/35R21	11mm	11°	M14x1,25x40 [Tuner Bolts]*	11, R7f, 47, 48, K4b
	VA	9,0x21	30	275/35R21	0, 11mm	0, 11°	M14x1,25x30, -40 [Tuner Bolts]*	11, R7f, 47, 48
	HA	9,0x21	30	275/35R21	11mm	11°	M14x1,25x40 [Tuner Bolts]*	11, R7f, 47, 48, K4b
Race LS 2	VA	9,0x21	30	245/40R21	0, 11mm	0, 11°	M14x1,25x30, -40	11, R7f, 47, 48
	HA	9,0x21	30	245/40R21	0, 11mm	0, 11°	M14x1,25x30, -40	11, R7f, 47, 48
	VA	9,0x21	30	245/40R21	0, 11mm	0, 11°	M14x1,25x30, -40	11, R7f, 47, 48
	HA	10,5x21	44	275/35R21	none		M14x1,25x30	11, R7f, 47, 48
	VA	9,0x21	30	245/35R21	0, 11mm	0, 11°	M14x1,25x30, -40	11, R7f, 47, 48
	HA	10,5x21	44	285/30R21	none		M14x1,25x30	11, R7f, 47, 48
	VA	9,0x21	30	265/35R21	0, 11mm	0, 11°	M14x1,25x30, -40	11, R7f, 47, 48
	HA	9,0x21	30	265/35R21	11mm	11°	M14x1,25x40	11, R7f, 47, 48, K4b
	VA	9,0x21	30	275/35R21	0, 11mm	0, 11°	M14x1,25x30, -40	11, R7f, 47, 48
	HA	9,0x21	30	275/35R21	11mm	11°	M14x1,25x40	11, R7f, 47, 48, K4b
Race GTS	VA	9,0x21	30	245/40R21	0, 11mm	0, 11°	M14x1,25x30, -40	11, R7f, 47, 48
	HA	9,0x21	30	245/40R21	0, 11mm	0, 11°	M14x1,25x30, -40	11, R7f, 47, 48
	VA	9,0x21	30	245/40R21	0, 11mm	0, 11°	M14x1,25x30, -40	11, R7f, 47, 48
	HA	10,0x21	38	275/35R21	none		M14x1,25x30	11, R7f, 47, 48
	VA	9,0x21	30	245/35R21	0, 11mm	0, 11°	M14x1,25x30, -40	11, R7f, 47, 48
	HA	10,0x21	38	285/30R21	none		M14x1,25x30	11, R7f, 47, 48
	VA	9,0x21	30	265/35R21	0, 11mm	0, 11°	M14x1,25x30, -40	11, R7f, 47, 48
	HA	9,0x21	30	265/35R21	11mm	11°	M14x1,25x40	11, R7f, 47, 48, K4b
	VA	9,0x21	30	275/35R21	0, 11mm	0, 11°	M14x1,25x30, -40	11, R7f, 47, 48
	HA	9,0x21	30	275/35R21	11mm	11°	M14x1,25x40	11, R7f, 47, 48, K4b

22 Zoll / 22 Inch

Design	Achse <i>Axle</i>	Größe <i>Size</i>	ET <i>Offset</i>	Reifengröße <i>Tyre size</i>	Distanzscheibenstärke <i>Spacer thickness</i>	Distanzscheiben [siehe unten] <i>Spacer [see below]</i>	Radschrauben <i>Bolts</i>	Auflagen <i>Remarks</i>
Fascinate	VA	9,0x22	30	245/35R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	HA	9,0x22	30	245/35R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	VA	9,0x22	30	255/30R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	HA	9,0x22	30	255/30R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	VA	9,0x22	30	245/35R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10,0x22	35	285/30R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48, K4b
	VA	9,0x22	30	245/30R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10,0x22	35	295/25R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48, K4b
	VA	9,0x22	30	255/30R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10,0x22	35	295/25R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48, K4b
Race LS 2	VA	9,0x22	30	245/35R22	none		M14x1,25x30	11, R7f, 47, 48
	HA	9,0x22	30	245/35R22	none		M14x1,25x30	11, R7f, 47, 48
	VA	9,0x22	30	255/30R22	none		M14x1,25x30	11, R7f, 47, 48
	HA	9,0x22	30	255/30R22	none		M14x1,25x30	11, R7f, 47, 48
	VA	9,0x22	30	245/35R22	none		M14x1,25x30	11, R7f, 47, 48
	HA	10,0x22	35	285/30R22	none		M14x1,25x30	11, R7f, 47, 48, K4b
	VA	9,0x22	30	245/30R22	none		M14x1,25x30	11, R7f, 47, 48
	HA	10,0x22	35	295/25R22	none		M14x1,25x30	11, R7f, 47, 48, K4b
	VA	9,0x22	30	255/30R22	none		M14x1,25x30	11, R7f, 47, 48
	HA	10,0x22	35	295/25R22	none		M14x1,25x30	11, R7f, 47, 48, K4b
Topas	VA	9,0x22	25	245/35R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	HA	9,0x22	25	245/35R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	VA	9,0x22	25	255/30R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	HA	9,0x22	25	255/30R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	VA	9,0x22	25	265/30R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	HA	9,0x22	25	265/30R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48, K4b
	VA	9,0x22	25	265/30R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10,0x22	30	265/30R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48, K4b
	VA	9,0x22	25	245/35R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10,0x22	30	285/30R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48, K4b
	VA	9,0x22	25	245/30R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10,0x22	30	295/25R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48, K4b
	VA	9,0x22	25	255/30R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48
	HA	10,0x22	30	295/25R22	none		M14x1,25x30 [Tuner Bolts]*	11, R7f, 47, 48, K4b

Legende / legend

11	Nur in Kombination mit Reifendruckkontrollsystem ab Bj. 03.2014 <i>Only in combination with tire pressure sensors from Bj. 03.2014</i>	Original Ersatzteil BMW <i>OE Sparepart BMW</i>	Zubehör Nummer: Schrader 3057 <i>aftermarket number: Schrader 3057</i>
*	Bitte beachten Sie, dass für die Montage spezielle Schrauben mit schmalem Schraubenkopf benötigt werden. <i>Please note that special screws with a narrow screw head are required for mounting.</i>		
K4a	An Achse 1 ist eine ausreichende Radabdeckung und Freigang herzustellen. Siehe TÜV Teilgutachten. <i>On axis 1 a sufficient fender clearance needs to be ensured. See TÜV certificate.</i>		
K4b	An Achse 2 ist eine ausreichende Radabdeckung und Freigang herzustellen. Siehe TÜV Teilgutachten. <i>On axis 2 a sufficient fender clearance needs to be ensured. See TÜV certificate.</i>		
M	keine M-Performance Bremse möglich <i>No M-Brake possible</i>		
R1	Reifenfreigabe erforderlich <i>Tyre approval required.</i>		
R7f	Achslasten sind zu beachten. <i>Axle loads must be checked.</i>		
xD	Diese Reifenkombination ist nicht zulässig für x-drive Modelle <i>This tire combination is not approved for x-drive models</i>		
47	Genauere Auflagen sind den jeweiligen TÜV Teilgutachten zu entnehmen. <i>Detailed requirements are given in the relevant TÜV certificate.</i>		
48	Bei der Verwendung dieser Rad/Reifenkombination ist beim Fall einer Reifenpanne ein Ersatzrad oder Reifenpannen-Set mitzuführen. <i>User instruction: When using this wheel/tire combination it is necessary to provide a spare wheel or a set for tire breakdown for emergency.</i>		
x10	Keine 10mm Distanzscheibe möglich, da zu hohe Radnabe. <i>No 10mm spacer possible, because of wheel hub.</i>		

Artikelnummer Distanzscheibe / spacer part number

0	None
11 ⁶	751126651106
15 ⁶	751126651506
20 ⁶	751126652006

Farblegende / color legend

	problemlos <i>unproblematically</i>
	laut STVZO problemlos, EU grenzwertig <i>by STVZO unproblematically, EU is uncertain</i>
	evtl mit Karosseriearbeit verbunden <i>related with possible bodywork</i>