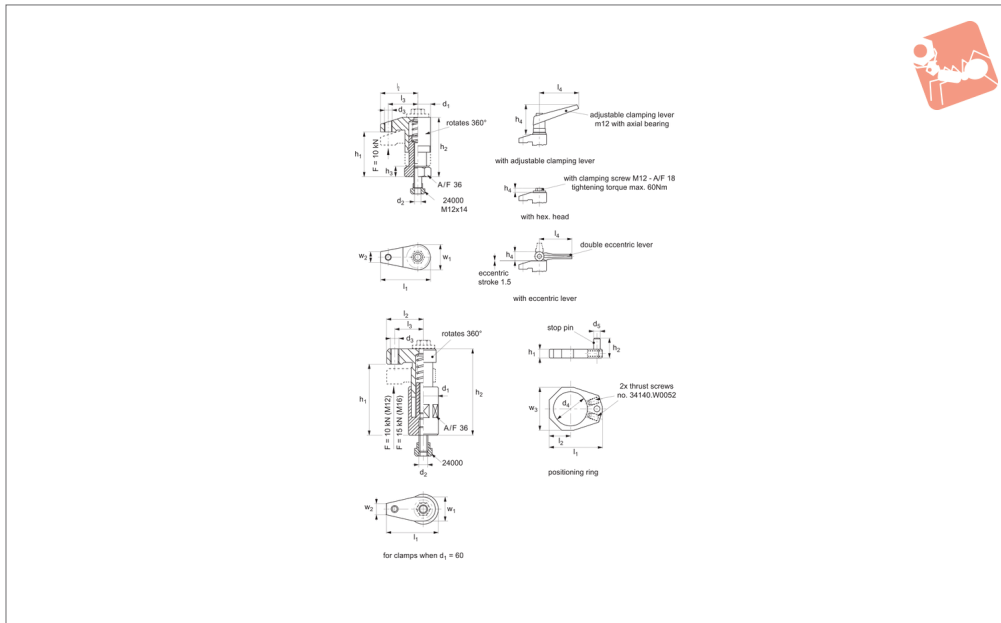




Down Thrust Clamps swivelling

Adjustable Vertical Clamps



12603

ADJUSTABLE VERTICAL CLAMPS

Material

Steel case-hardened, blackened and ground.

Technical Notes

Clamping height increased with the addition of height adjusting cylinders no. 12605.W0125-.W0167 and reduced with self-aligning pads nos.34100 or 34120.

Maximum clamping height (h_1 max.) must

not be exceeded.

Use of positioning ring 12603.W0350 increases height h_2 by 7mm and reduces stroke by 7mm.

* Part no. 12603.W0063 has a M16 threaded stud.

Tips

Offers rapid manual clamping with easy removal of workpieces through rotation of

clamp arm away from component.

Positioning ring no. 12603.W0063, and its integral stop, provides repeated accuracy of the clamping position.

SAFETY: base of the clamping cylinder must make full surface contact.

T-nuts removable. For other T-nut sizes please refer to no.24000.

Order No.	Type	Stroke	d ₁	d ₂	d ₃	d ₄	d ₅	w ₁	w ₂	w ₃	h ₁ min.	h ₁ max.	Weight g
12603.W0024	With Adj. Clamping Lever	5	25	M 8	M 8	-	-	26	10	-	30	35	377
12603.W0025	With Clamping Screw	5	25	M 8	M 8	-	-	26	10	-	30	35	212
12603.W0026	With Ecc. Quick Clamp	5	25	M 8	M 8	-	-	26	10	-	30	35	203
12603.W0027	With Clamping Screw	10	25	M 8	M 8	-	-	26	10	-	35	45	419
12603.W0028	With Adj. Clamping Lever	10	25	M 8	M 8	-	-	26	10	-	35	45	259
12603.W0029	With Ecc. Quick Clamp	10	25	M 8	M 8	-	-	26	10	-	34	45	261
12603.W0050	With Adj. Clamping Lever	20	40	M12	M12	-	-	40	17	-	50	70	1194
12603.W0053	With Adj. Clamping Lever	30	40	M12	M12	-	-	40	17	-	68	98	1359
12603.W0056	With Adj. Clamping Lever	40	40	M12	M12	-	-	40	17	-	95	135	1639
12603.W0051	With Hex. Head	20	40	M12	M12	-	-	40	17	-	50	70	876
12603.W0054	With Hex. Head	30	40	M12	M12	-	-	40	17	-	68	98	964
12603.W0057	With Hex. Head	40	40	M12	M12	-	-	40	17	-	95	135	1300
12603.W0061	With Hex. Head	35	60	M12	M12	-	-	44	17	-	100	135	2695
12603.W0063	With Hex. Head *	35	60	M16	M16	-	-	53	24	-	100	135	2939
12603.W0052	With Ecc. Clamping Lever	20	40	M12	M12	-	-	40	17	-	50	50	1213
12603.W0055	With Ecc. Clamping Lever	30	40	M12	M12	-	-	40	17	-	68	70	1370
12603.W0058	With Ecc. Clamping Lever	40	40	M12	M12	-	-	40	17	-	95	98	1585
12603.W0060	With Ecc. Clamping Lever	35	60	M12	M12	-	-	40	17	-	100	135	3015
12603.W0350	Positioning Ring	-	-	-	-	28	5	-	-	35	7	-	32

Order No.	h ₂ min.	h ₂ max.	h ₃	h ₄	l ₁	l ₁	l ₂	l ₃	l ₄	A/F	Clamping force kN	Tightening torque Nm
12603.W0024	44	49	10	60.0	48	-	35	28	74	36	3	-
12603.W0025	44	49	10	60.0	48	-	35	28	-	36	5	8
12603.W0026	35	45	10	60.0	48	35	-	28	82	36	2	-
12603.W0027	54	64	10	60.0	48	-	35	28	-	36	5	8
12603.W0028	54	64	10	60.0	48	-	35	28	74	36	3	-

Adjustable Vertical Clamps

Down Thrust Clamps swivelling



ADJUSTABLE VERTICAL CLAMPS

Order No.	h ₂ min.	h ₂ max.	h ₃	h ₄	l ₁	l ₁	l ₂	l ₃	l ₄	A/F	Clamping force kN	Tightening torque Nm
12603.W0029	54	94	10	60.0	48	-	35	28	82	36	2	-
12603.W0050	73	93	15	82	75	-	55	43	108	36	-	-
12603.W0053	91	121	15	82	75	-	55	43	108	36	-	-
12603.W0056	118	158	22	82	75	-	55	43	108	36	-	-
12603.W0051	73	93	15	13	75	-	55	43	108	36	-	-
12603.W0054	91	121	15	13	75	-	55	43	108	36	-	-
12603.W0057	118	158	22	13	75	-	55	43	108	36	-	-
12603.W0061	123	158	98	13	95	-	65	53	-	36	-	-
12603.W0063	123	158	98	16	99	-	69	53	-	36	-	-
12603.W0052	50	50	15	73-93	75	-	55	43	108	36	-	-
12603.W0055	73	93	15	28	75	-	55	43	108	36	-	-
12603.W0058	91	121	22	28	75	-	55	43	108	36	-	-
12603.W0060	123	158	98	28	95	-	65	53	100	36	-	-
12603.W0350	16	-	-	-	43.5	-	17.5	-	-	-	-	-

