



Best aid
SAFEWAY

ISO-9001

VDAV

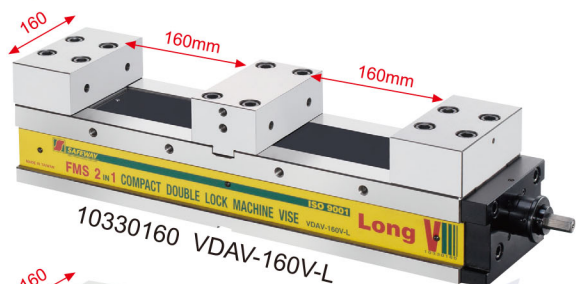
MOST SUITABLE FOR VERTICAL MACHINE CENTER

最適合立式綜合切削加工機，龍門銑床使用

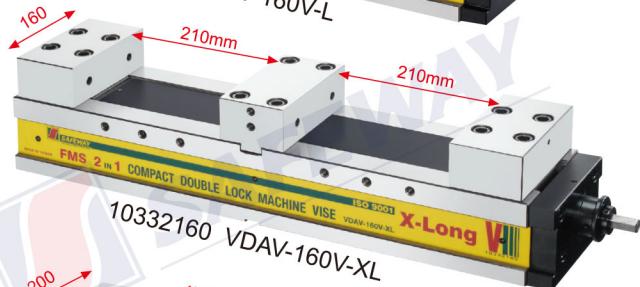
FMS · 2 in 1 Mechanical

彈性化 / 雙夾機械型

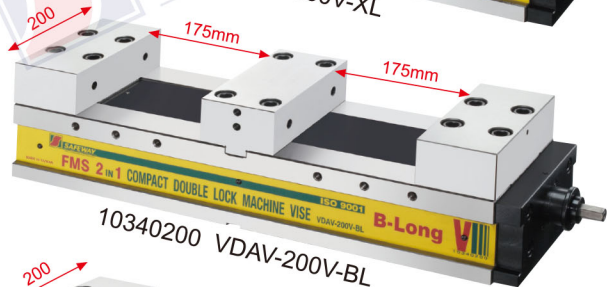
MODEL • 10330160 VDAV-160V-L • 10340200 VDAV-200V-BL • 10344200 VDAV-200V-XL
• 10332160 VDAV-160V-XL • 10342200 VDAV-200V-L



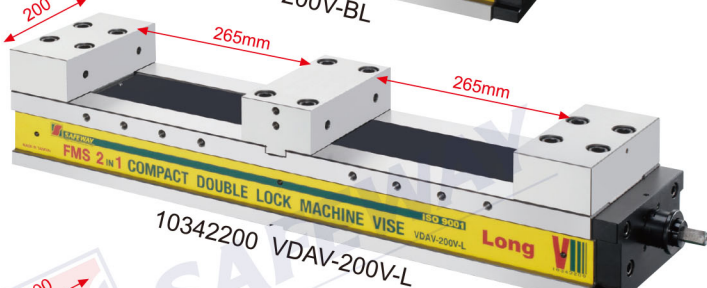
Jaw Width/口金寬度: 160
Jaw Opening/最大開口: 160
Total Length/總長度: 686



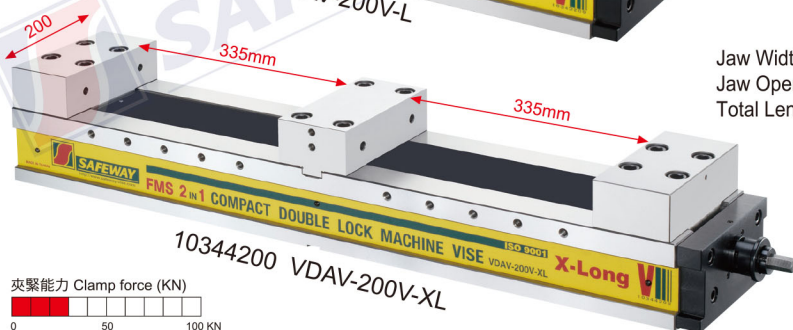
Jaw Width/口金寬度: 160
Jaw Opening/最大開口: 210
Total Length/總長度: 786



Jaw Width/口金寬度: 200
Jaw Opening/最大開口: 175
Total Length/總長度: 751



Jaw Width/口金寬度: 200
Jaw Opening/最大開口: 265
Total Length/總長度: 931



Jaw Width/口金寬度: 200
Jaw Opening/最大開口: 335
Total Length/總長度: 1076

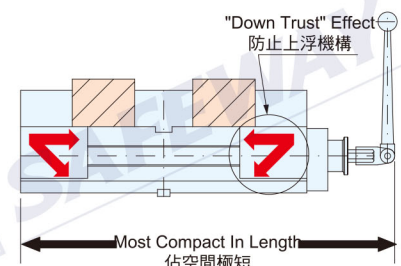
夾緊能力 Clamp force (KN)
0 50 100 KN

FEATURES :

- Max.opening capacity and compact in total length. Particularly suitable for machining centers.
- Clamping system: Lead screw.
- Rigid material- Ductile iron FCD600 JIS (Equal to GGG-60) with 60kgs/mm² or 80,000psi tensile strength.
- Vise bed flame hardened to HRC45° and up takes up wear and maintain accuracy for long.
- Stationary jaw and Movable jaw are hardened HRC55° with grinding.
- Stationary jaw and Movable jaw are easy to shift on the clamping slide.
- Chip cover adopt on each Vise for preventing chips falling into Lead-screw and inside of vise.

特性：

- 肯倍得式精密雙夾機械虎鉗，適用立、臥式綜合切削加工機FMS系統做精密重切削加工。
- 夾緊系統：螺桿夾緊。
- 強而有力材質~虎鉗本台使用高抗張拉力球狀石墨化鑄鐵 (FCD600~60kgs/mm²) (80,000psi) 抗張力強，不易變形。
- 虎鉗本台滑動面均經硬化熱處理HRC45°以上，可保持長久耐磨性及精度。
- 固定口金，活動口金鋼製熱處理HRC55°以上，並經精密研磨。(容易拆裝)
- 彈性化設計，特殊附件皆可共用。
- 大開口，適合大型工件做精密加工。



- Clamp power intensification via "Lead - screw" intensifier.
- Lower deformable design for very high clamping accuracy.

Application ref. P30
使用方法參照P30

Unit: mm

螺桿夾緊，精度極高，且一次可加工兩只工件，適用於彈性化生產，中輕切削加工。

Order NO. 訂購編號	Model 型號	Jaw Width 口金寬度	Jaw Height 口金高度	Jaw Opening J/J2 (J1) 開口範圍 J/J2 (J1)	Vise Height 虎鉗高度	Total Height 全高	Total Length 全長	Remark 備註
10330160	VDAV-160V-L	160	55	160/182	105	160	686	
10332160	VDAV-160V-XL	160	55	210/232	105	160	786	
10340200	VDAV-200V-BL	200	60	175/202	110	170	751	
10342200	VDAV-200V-L	200	60	265/292	110	170	931	
10344200	VDAV-200V-XL	200	60	335/362	110	170	1076	
10350160	VDAV-160V-L-SJ	160	55	230	105	160	686	
10352160	VDAV-160V-XL-SJ	160	55	280	105	160	786	
10360200	VDAV-200V-BL-SJ	200	60	250	110	170	751	
10362200	VDAV-200V-L-SJ	200	60	340	110	170	931	
10364200	VDAV-200V-XL-SJ	200	60	410	110	170	1076	



Best aid
SAFEMATE

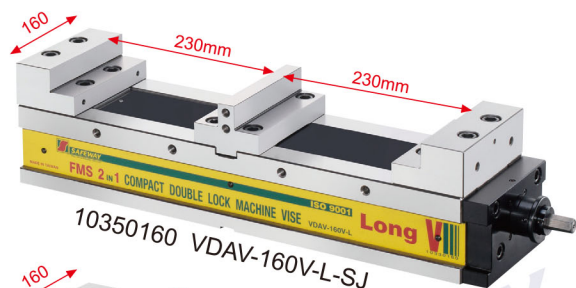
ISO-9001

VDAV-SJ

FMS COMPACT DOUBLE LOCK MACHINE VISE (LONG OPENING)

FMS 彈性化 / 肯倍得式精密雙夾機械虎鉗(大開口)

MODEL • 10350160 VDAV-160V-L-SJ • 10360200 VDAV-200V-BL-SJ • 10364200 VDAV-200V-XL-SJ
• 10352160 VDAV-160V-XL-SJ • 10362200 VDAV-200V-L-SJ



Standard Accessories 標準附件

1. Handle x 1 pc
2. Guide key x 2 pcs (18mm)
M6 x 10L x 2 pcs
3. Vise locked block x 4 pcs
4. Chip cover x 1 set

標準附件

1. 把手一組
2. 導正鍵 x 2只 (18mm)
螺絲 x 2只 (M6 x 10L)
3. 虎鉗固定塊 x 4只
4. 虎鉗防屑蓋

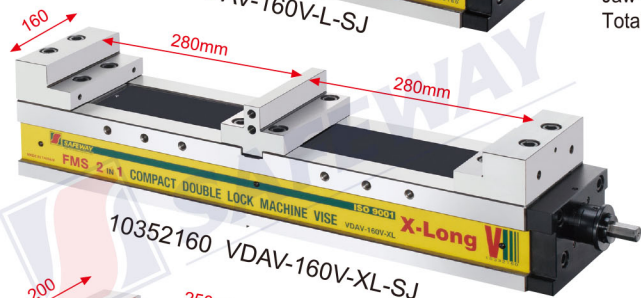
特殊附件

- 中間口金 G2 (J2)

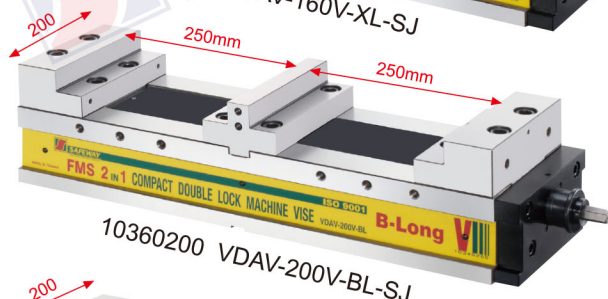
Optional Accessories

- Stationary Jaw G2 (J2)

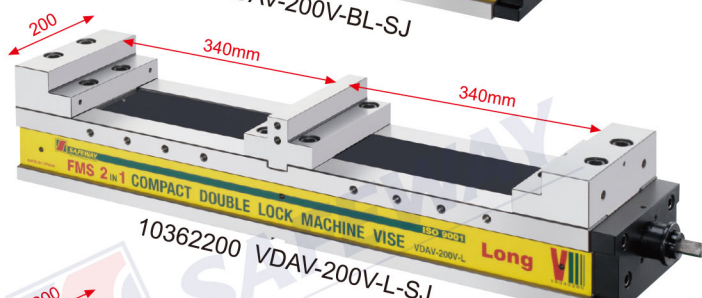
Jaw Width/口金寬度: 160
Jaw Opening/最大開口: 230
Total Length/總長度: 686



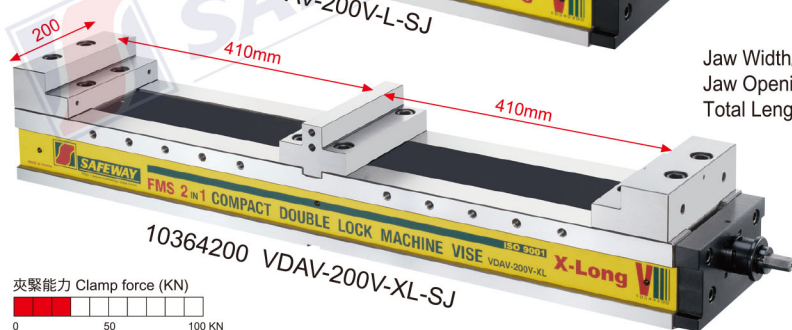
Jaw Width/口金寬度: 160
Jaw Opening/最大開口: 280
Total Length/總長度: 786



Jaw Width/口金寬度: 200
Jaw Opening/最大開口: 250
Total Length/總長度: 751



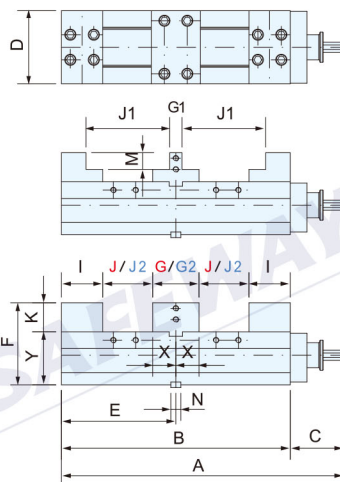
Jaw Width/口金寬度: 200
Jaw Opening/最大開口: 340
Total Length/總長度: 931



Jaw Width/口金寬度: 200
Jaw Opening/最大開口: 410
Total Length/總長度: 1076

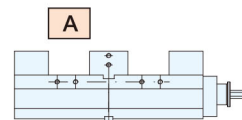
夾緊能力 Clamp force (KN)
0 50 100 KN

DIMENSIONS / 尺寸圖

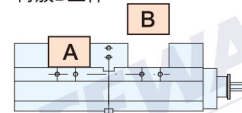


APPLICATION / 使用方法

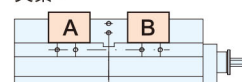
1. First, install A workpiece.
先放A工件。



2. Second, install B workpiece.
再放B工件。



3. Finally, clamping A&B workpiece together by handle.
A&B兩工件放入後，把手同時夾緊。



4. $B \geq A + 6 \text{ mm}$

PATENTED / 專利在案

Unit: mm, kg

Order NO. 訂購編號	Model 型號	A	B	C	D	E	F	G/G2	I	J/J2	K	N	X	Y	N.W. 淨重	G.W. 毛重	Shipment Size 裝箱尺寸	Remark 備註
10330160	VDAV-160V-L	686	590	96	161	295	160	86/42	86	160/182	55	18	43	105	74	78	940x280x220	
10332160	VDAV-160V-XL	786	690	96	161	345	160	86/42	86	210/232	55	18	43	105	81	84	940x280x220	
10340200	VDAV-200V-BL	751	655	96	201	327.5	170	100/46	97	175/202	60	18	50	110	109	120	809x370x290	
10342200	VDAV-200V-L	931	835	96	201	417.5	170	100/46	97	265/292	60	18	50	110	127	147	1205x410x280	
10344200	VDAV-200V-XL	1076	980	96	201	490	170	100/46	97	335/362	60	18	50	110	139	152	1300x410x280	
10350160	VDAV-160V-L-SJ	686	590	96	161	295	160	22	86	230	55	18	43	105	72	76	940x280x220	
10352160	VDAV-160V-XL-SJ	786	690	96	161	345	160	22	86	280	55	18	43	105	79	82	940x280x220	
10360200	VDAV-200V-BL-SJ	751	655	96	201	327.5	170	30	97	250	60	18	50	110	107	118	809x370x290	
10362200	VDAV-200V-L-SJ	931	835	96	201	417.5	170	30	97	340	60	18	50	110	123	143	1205x410x280	
10364200	VDAV-200V-XL-SJ	1076	980	96	201	490	170	30	97	410	60	18	50	110	135	148	1300x410x280	