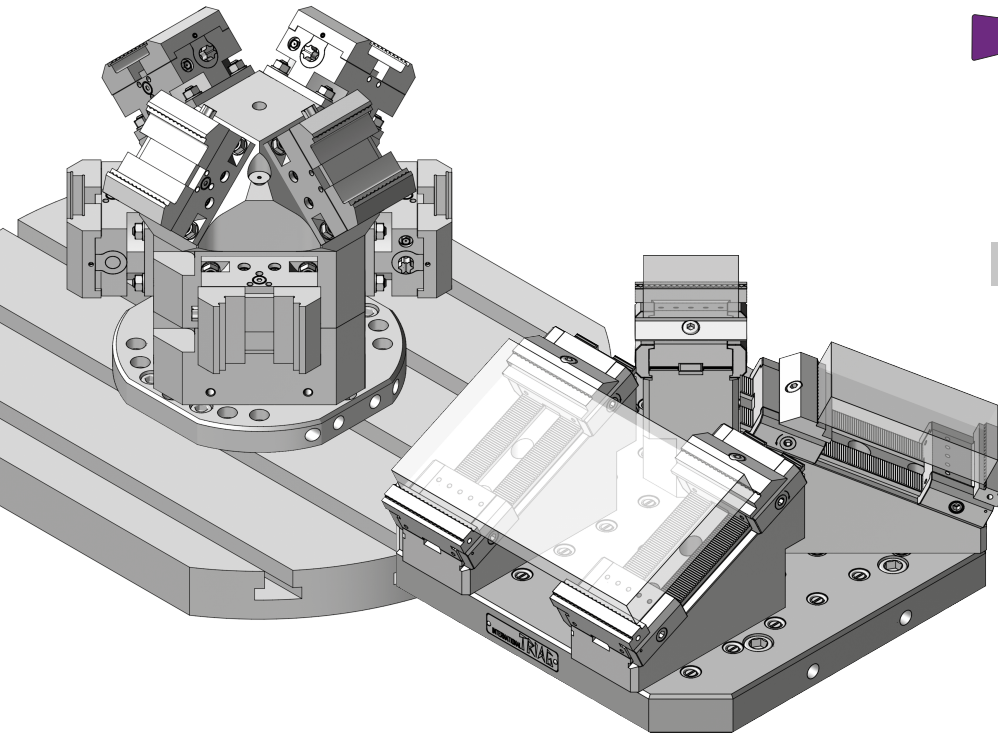




Maschinenspezifische Spannlösungen  
*Machine specific workholding solutions*



**TRIAG**  
INTERNATIONAL

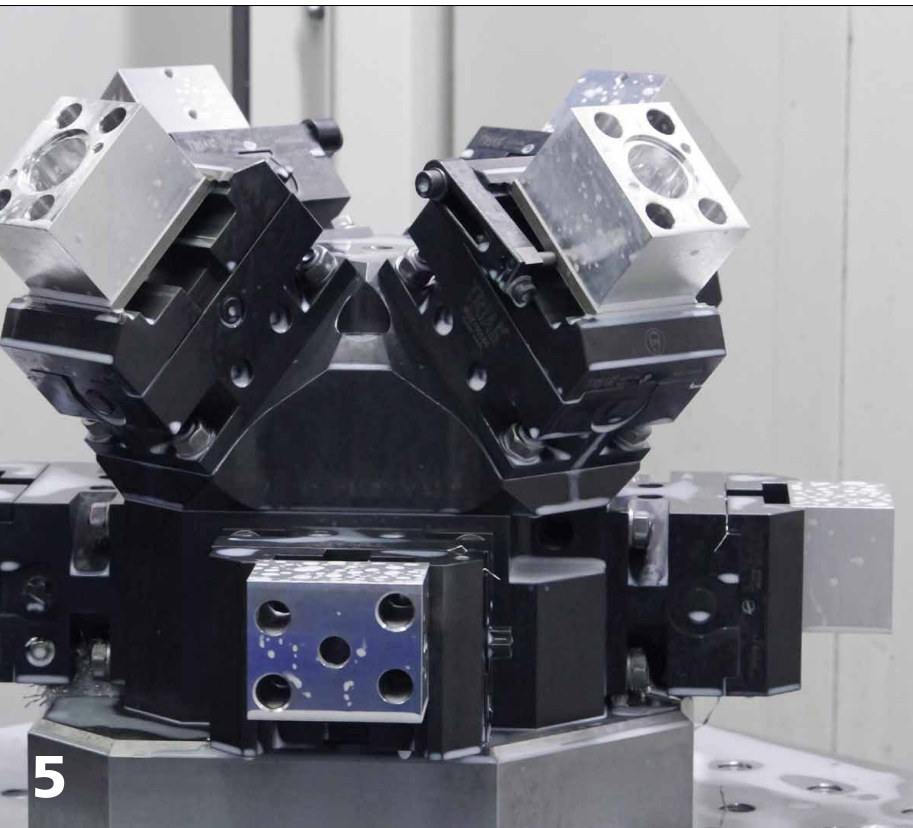
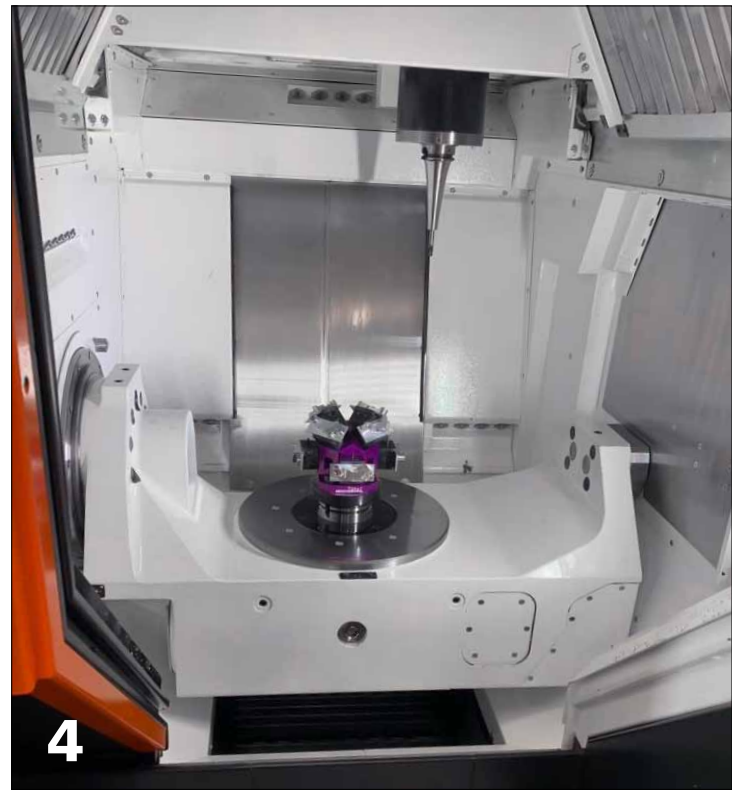
**powerCLAMP**  
**triCENTRO**

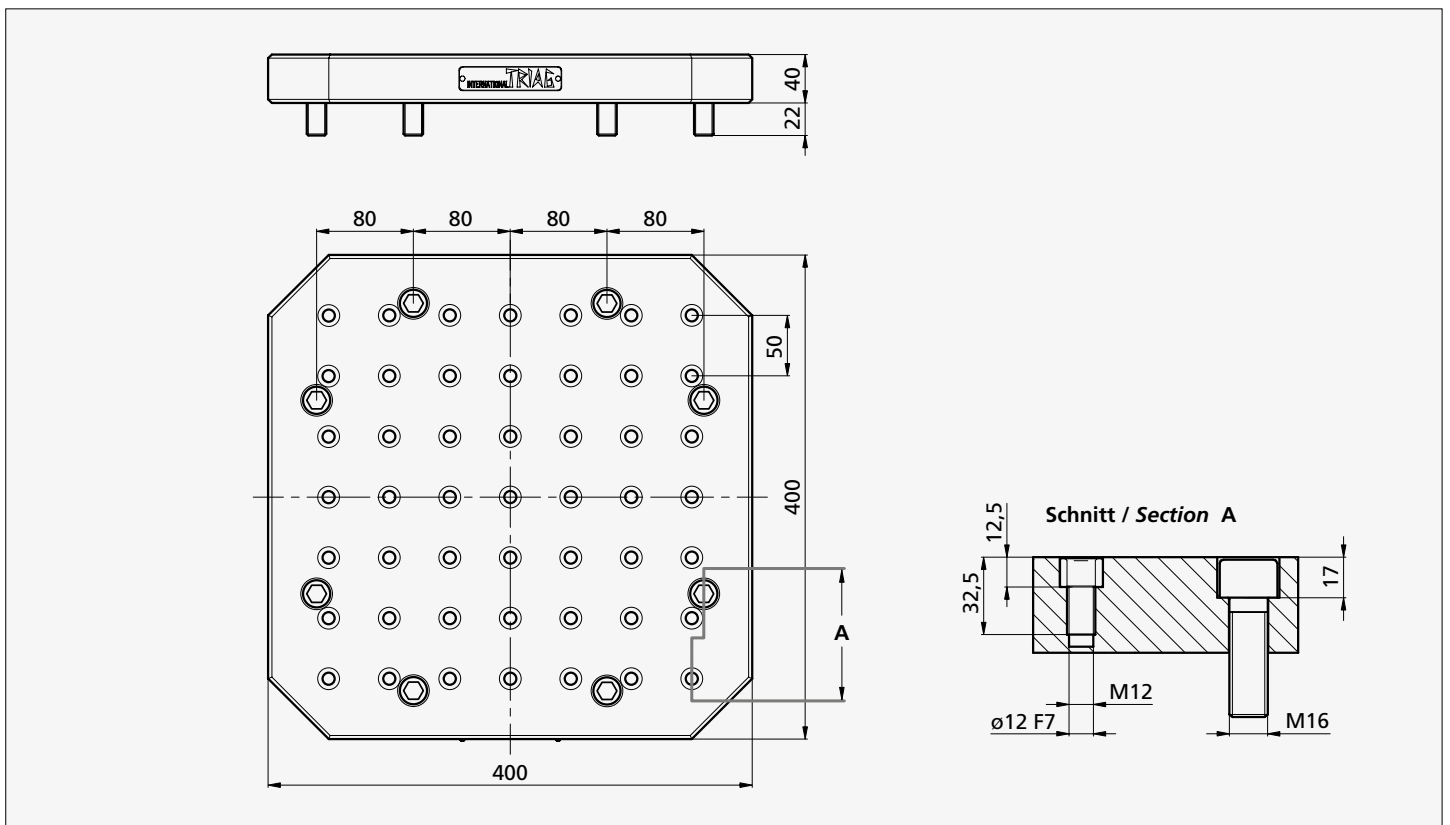
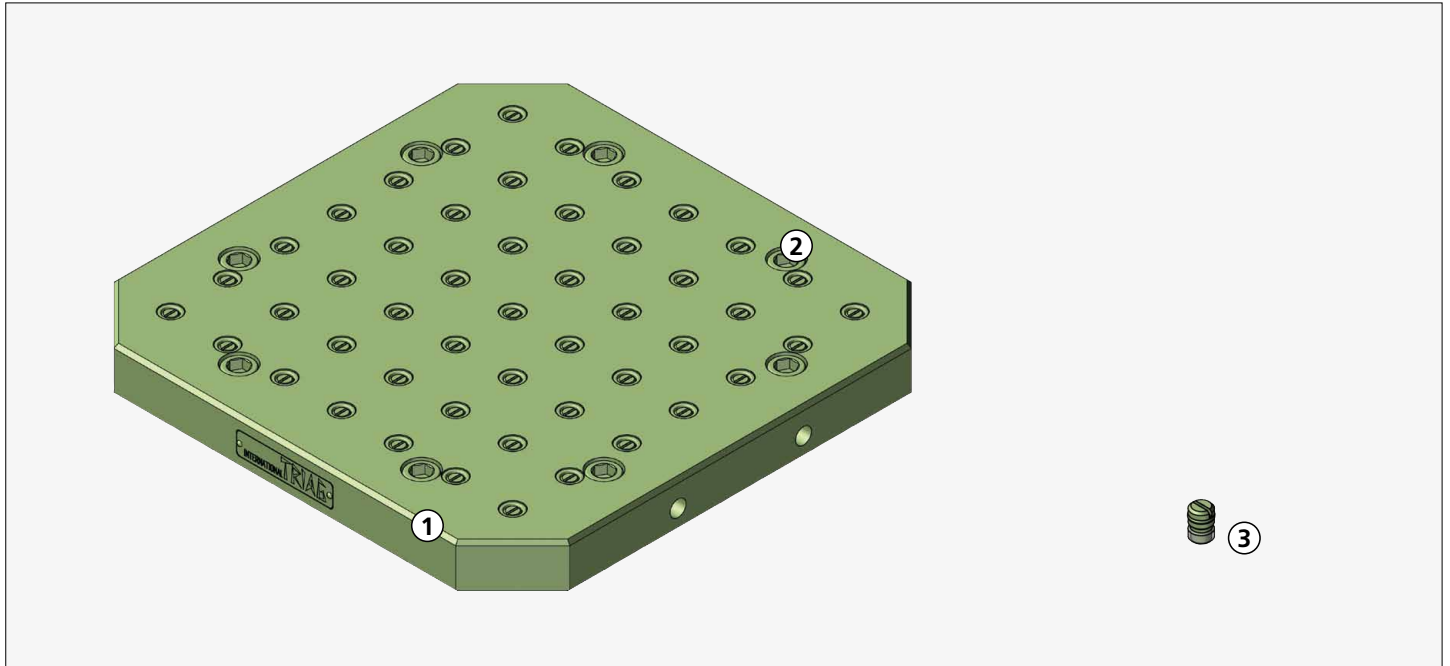
Spannsysteme  
für höchste Effizienz.

*Workholding systems  
for maximum efficiency.*

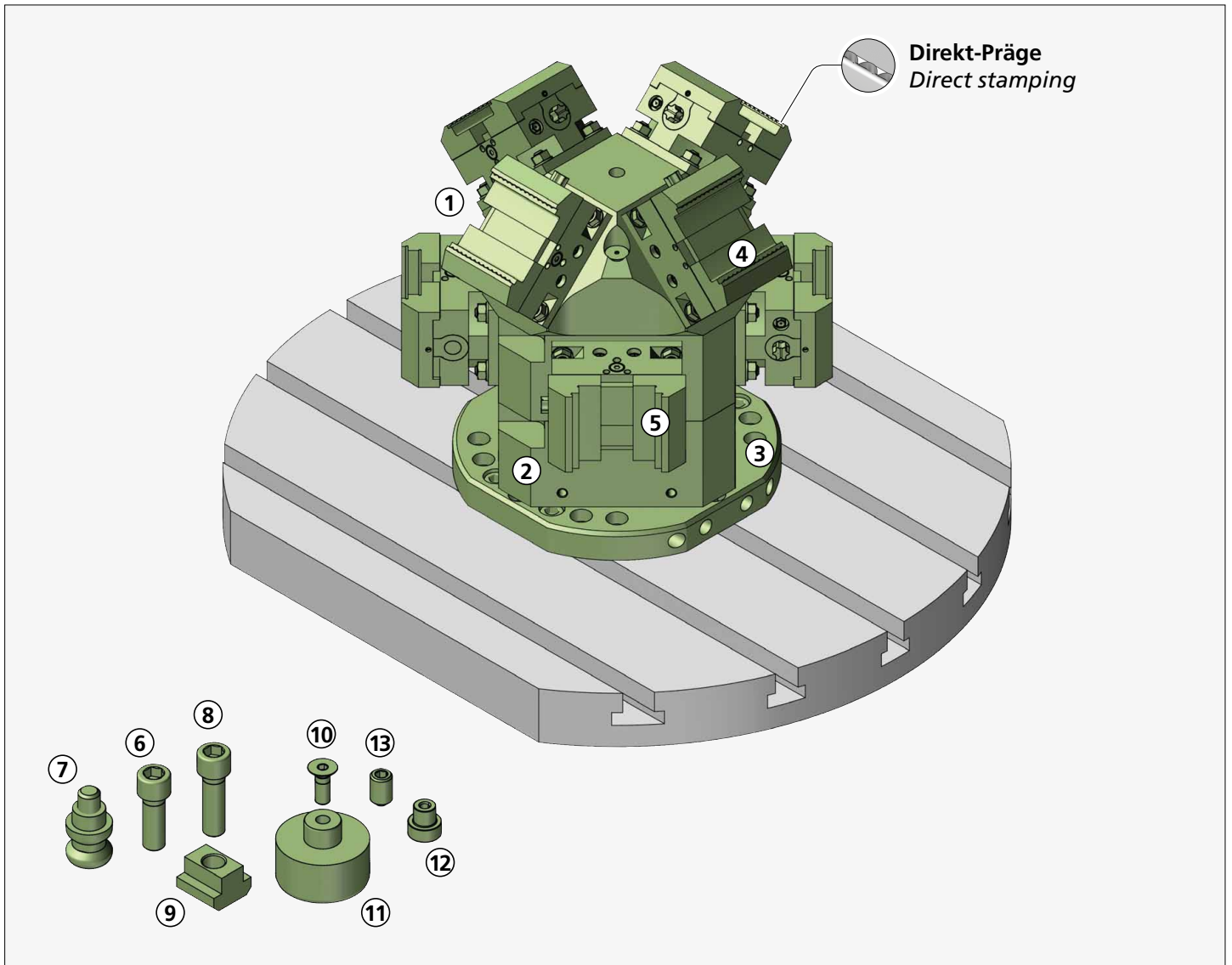


**Mazak**  
**Variaxis i-600**





①	Artikel Nr. und Inhalt Article Nr. and content	Bezeichnung Description	~Kg	Raster Grid
	<b>MZI40040-R1</b>	Maschinen-Set / Machine-Set	<b>48</b>	
①	1x ZF200097	Rasterplatte / Gridplate	-	49 x M12/12F7
②	8x M16 x 45	Zylinderschrauben / Cylinder screws	-	
③	49x CCPF12ALU	Stopfen / Plug	-	

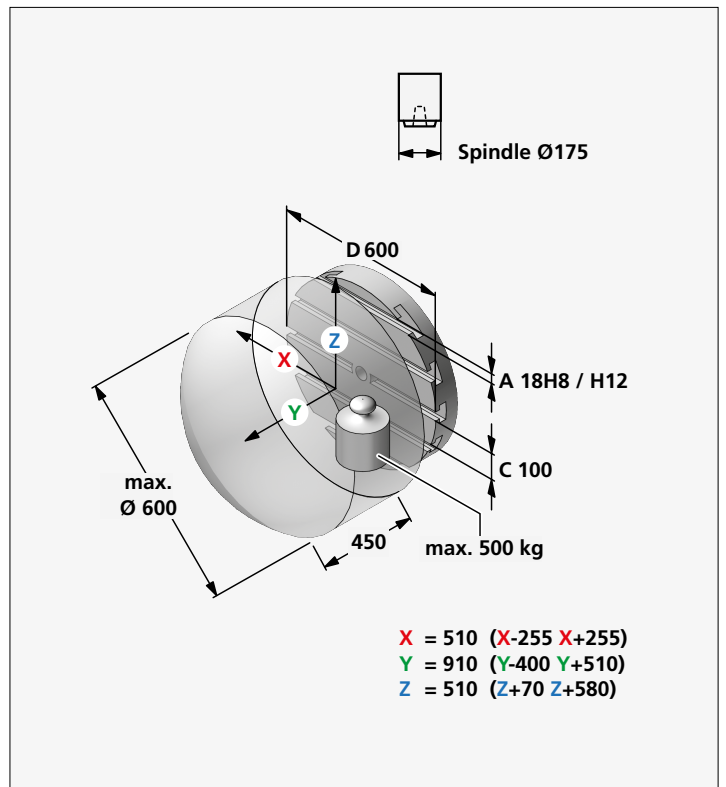
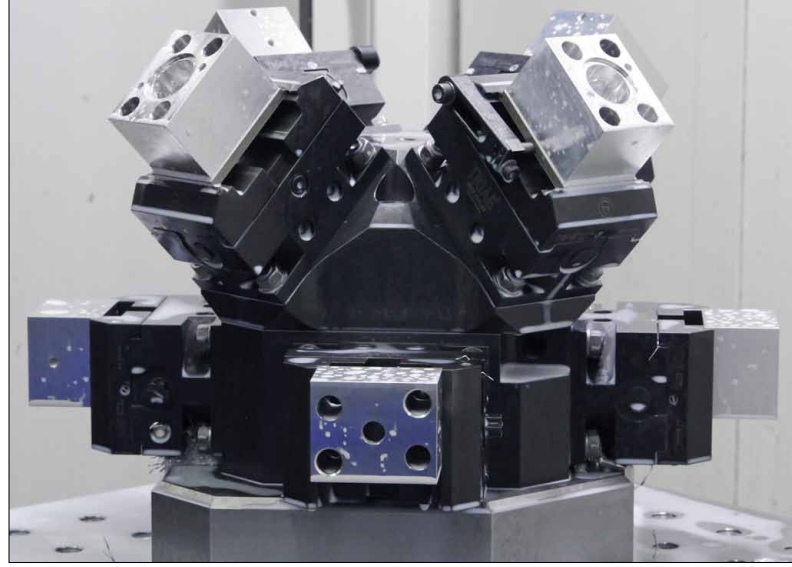
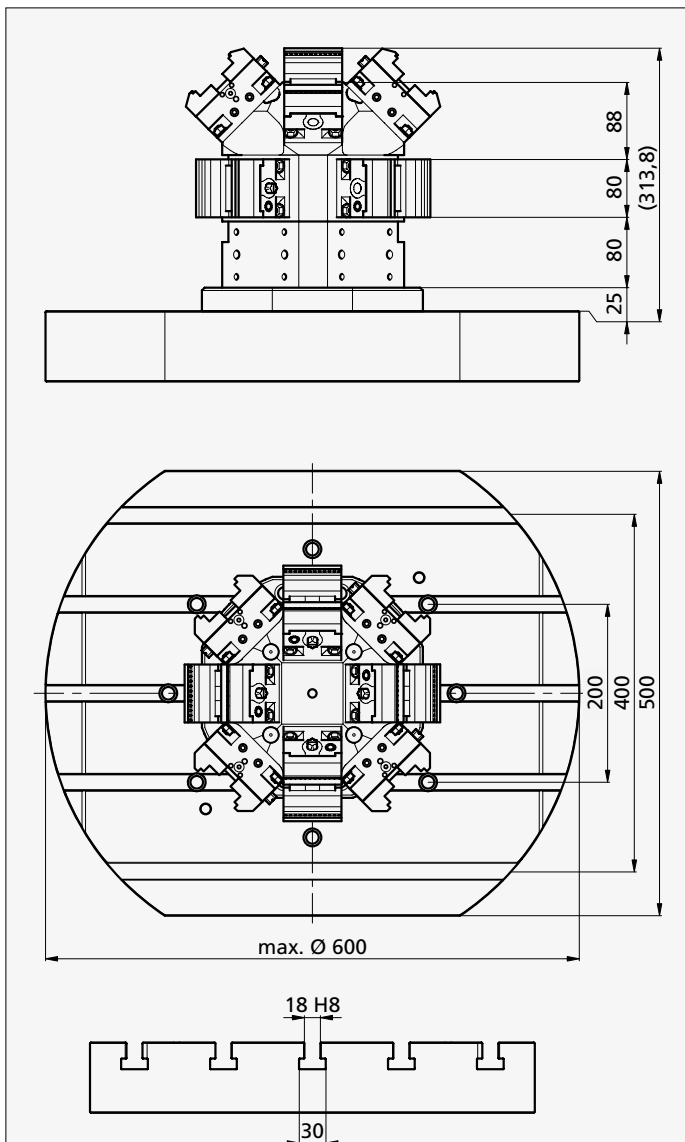


①	Artikel Nr. und Inhalt Article Nr. and content	Bezeichnung Description	~Kg	Spannbereich Clamping area
	<b>MZI600-SET1</b>	Maschinen-Set / Machine-Set	77	
①	1x 5AXMCZ100-45-8	Sputnik II-8 / Sputnik II-8	48	
②	1x TS160111	Erhöhung / riser block	15	
③	1x TF200099	Universal Flansch / Universal flange	7,5	
④	8x B175-64	Backe / Jaw	2,3	44 - 64
⑤	8x B173-64	Backe / Jaw	2,4	44 - 64
⑥	4x M12 x 45 ISO4762	Zylinderschrauben / Cylinder screws	-	
⑦	4x OPMB18M12	Nullpunkt Zentrierbolzen / Zero point pull studs	-	
⑧	4x M12 x 35 ISO4762	Zylinderschrauben / Cylinder screws	-	
⑨	4x SM1135M12X18	T-Nuten Steine / T-nuts	-	
⑩	1x M8 x 22 DIN7991	Senkschraube / Countersunk screws	-	
⑪	1x TH161104	Zentrierbolzen / Centering bolt	-	
⑫	1x TWADAPT18	Ausrichtzapfen für T-Nuten / Alignment-pins for t-slots	-	
⑬	8x TF180547	Gewindestift / Grub screw	-	

## triCENTRO

- ✓ Modulare Mehrfachspannung
- ✓ Backen-Schnellwechselsystem
- ✓ 3 mm Direkt-Prägebacken
- ✓ Beste Zugänglichkeit
- ✓ Modular erweiterbar
  
- ✓ Modular multiple workholding
- ✓ Jaw quick-change system
- ✓ 3 mm direct-stamping jaws
- ✓ Best accessibility
- ✓ Modular expandable

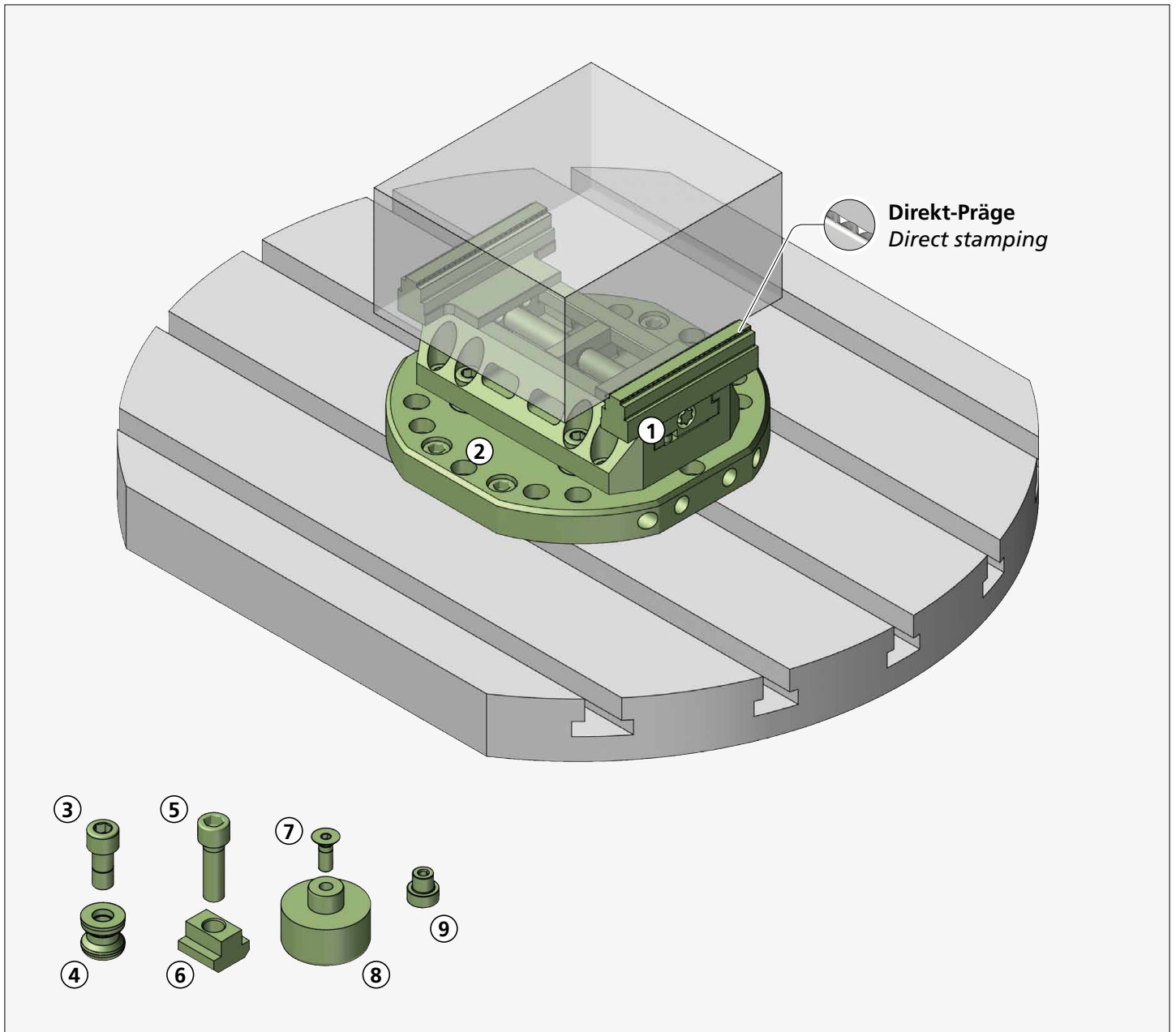
Drehmoment Torque		Spannkraft Workholding force			
Nm	(lb-ft)	=	~daN	~(lb)	~t
10	7,4	=	200	440	0,2
20	14,8	=	500	1'102	0,5
30	22,2	=	1'000	2'204	1,0
40	29,6	=	1'300	2'866	1,3
50	37,0	=	1'600	3'527	1,6



## Mazak Variaxis i-600

Standardtisch / Standard table





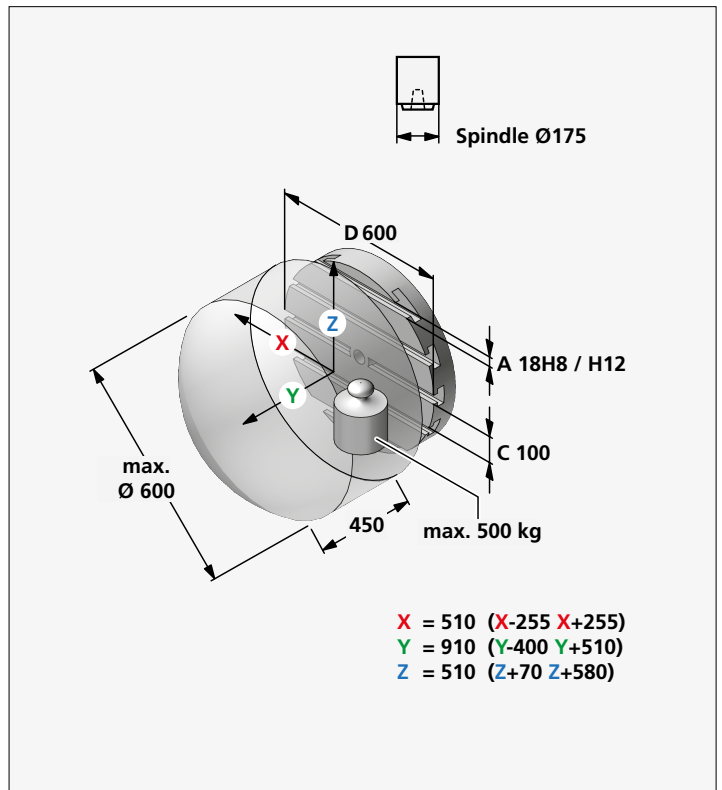
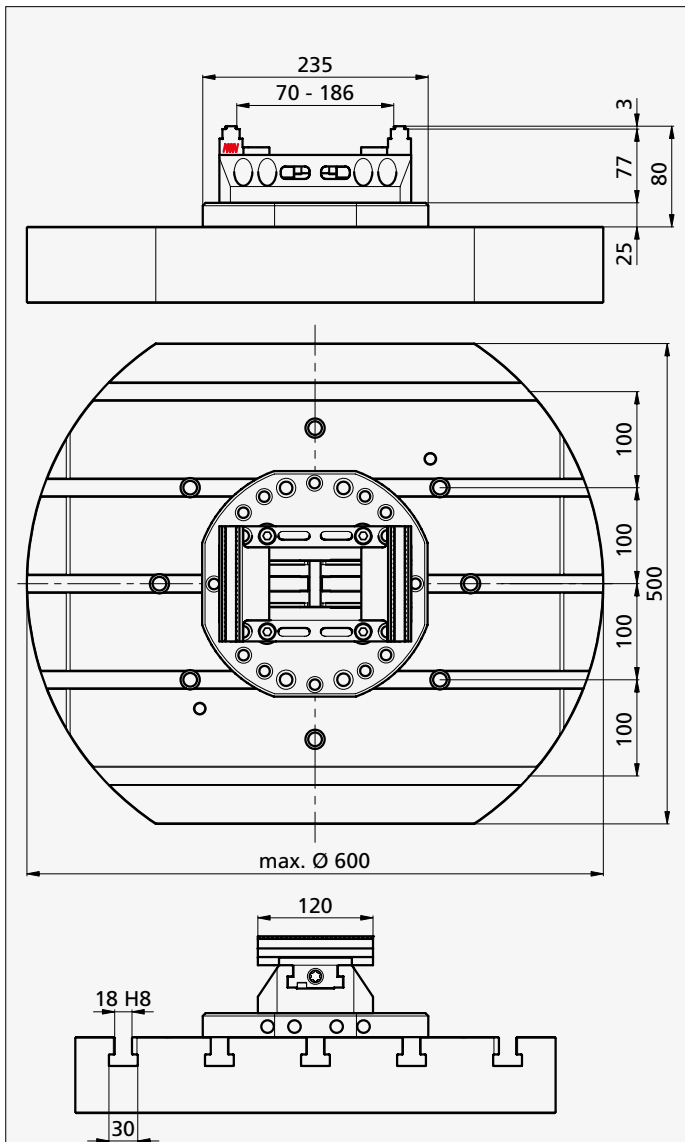
i Artikel Nr. und Inhalt Article Nr. and content	Bezeichnung Description	~Kg	Spannbereich Clamping area
<b>MZI600-SET2</b>	<b>Maschinen-Set / Machine-Set</b>	<b>17,0</b>	
① 1x ZSX200L50PRG120	Zentrischspanner / Self centering vises	7,8	14 - 186
② 1x TF200099	Universal Flansch / Universal flange	7,5	
③ 4x TWPAS1227	Passschraube / Fitting screw	-	
④ 4x OPMB12M12	Nullpunkt Zentrierbolzen / Zero point pull studs	-	
⑤ 4x M12 x 35 ISO4762	Zylinderschrauben / Cylinder screws	-	
⑥ 4x SM1135M12X18	T-Nuten Steine / T-nuts	-	
⑦ 1x M8 x 22 DIN7991	Senkschraube / Countersunk screws	-	
⑧ 1x TH161104	Zentrierbolzen / Centering bolt	-	
⑨ 1x TWADAPT18	Ausrichtzapfen für T-Nuten / Alignment-pins for t-slots	-	

## triCENTRO

- ✓ Modulare Mehrfachspannung
- ✓ Backen-Schnellwechselsystem
- ✓ 3 mm Direkt-Prägebacken
- ✓ Beste Zugänglichkeit
- ✓ Modular erweiterbar
  
- ✓ Modular multiple workholding
- ✓ Jaw quick-change system
- ✓ 3 mm direct-stamping jaws
- ✓ Best accessibility
- ✓ Modular expandable



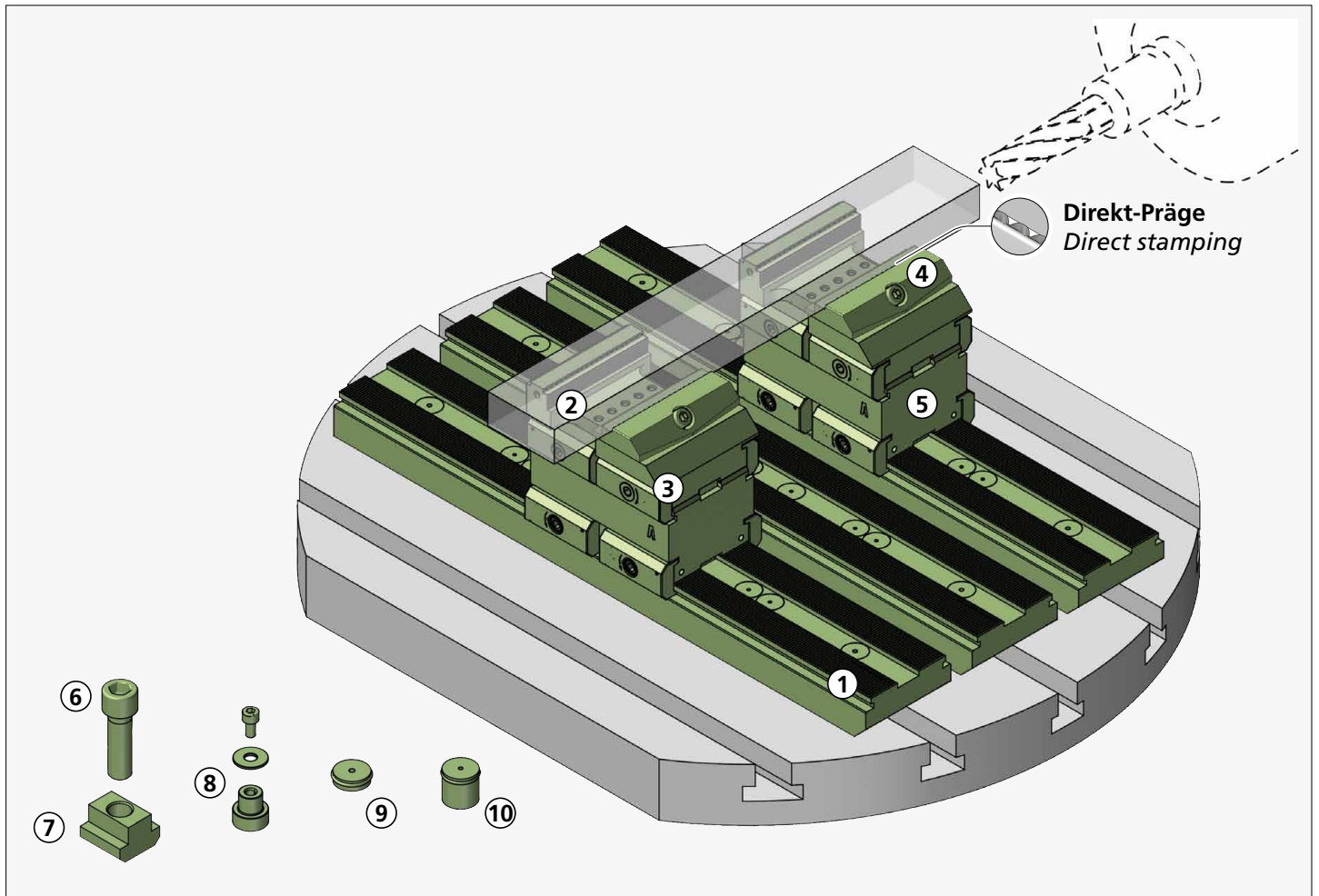
Steckschlüsseinsatz Socket wrench insert	Drehmoment Torque		Spannkraft Workholding force		
	Nm	(lb-ft)	~daN	~(lb)	~t
NUS53/8" TX30E14	10	7,4	= 200	440	0,2
	20	14,8	= 500	1'102	0,5
	30	22,2	= 1'000	2'204	1,0
	40	29,6	= 1'300	2'866	1,3
	50	37,0	= 1'600	3'527	1,6



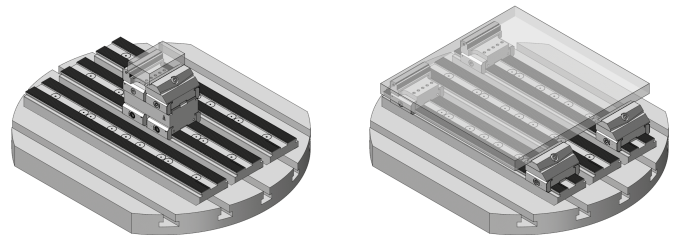
## Mazak Variaxis i-600

Standardtisch / Standard table





Mögliche Spannvarianten / Possible clamping variants



①	Artikel Nr. und Inhalt Article Nr. and content	Bezeichnung Description	~Kg	Spannbereich Clamping area
	<b>MZI600-SET3</b>	<b>Maschinen-Set / Machine-Set</b>	<b>64</b>	
①	3x PCB4050500	Basisschiene / Base-rail	29,7	
②	2x PAND94-49PRG-A1	Anschlagmodul / End-module	4,8	
③	2x PS5X94L49-105	Spannmodul / Clamping module	4,5	~ 55 - 435
④	2x B120P	Prägebacke / Stamping jaw	1,2	
⑤	2x PCUB60-130	5-Achsen-Erhöhung / 5-axis raised	17,4	
⑥	8x M12 x 35 ISO4762	Zylinderschrauben / Cylinder screws	-	
⑦	8x SM1135M12X18	T-Nuten Steine / T-nuts	-	
⑧	6x TWADAPT18	Ausrichtzapfen für T-Nuten / Alignment-pins for t-slots	-	
⑨	14x PCPF16L6	Schutzkappe / Shut plug	-	
⑩	13x PCPF16L18	Schutzkappe / Shut plug	-	

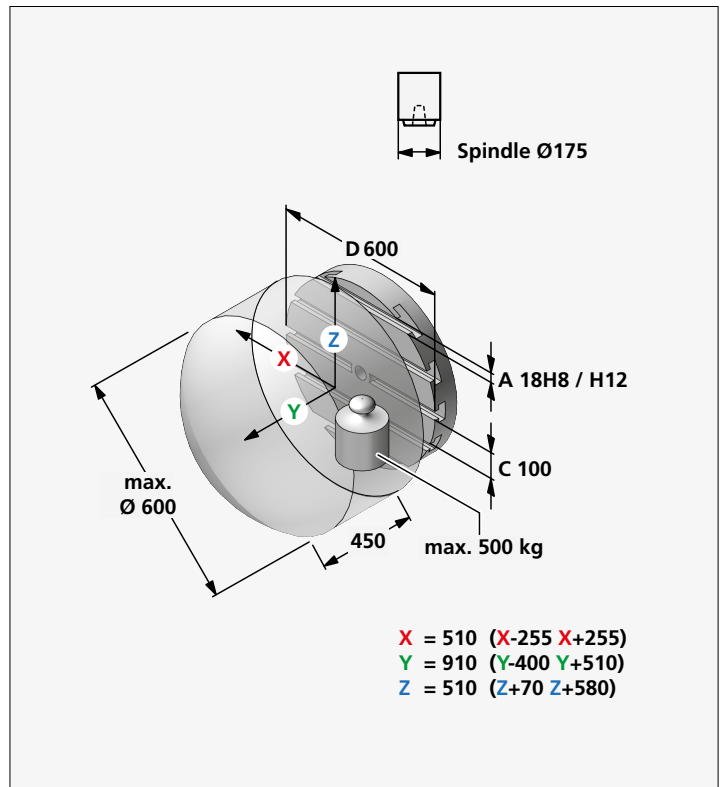
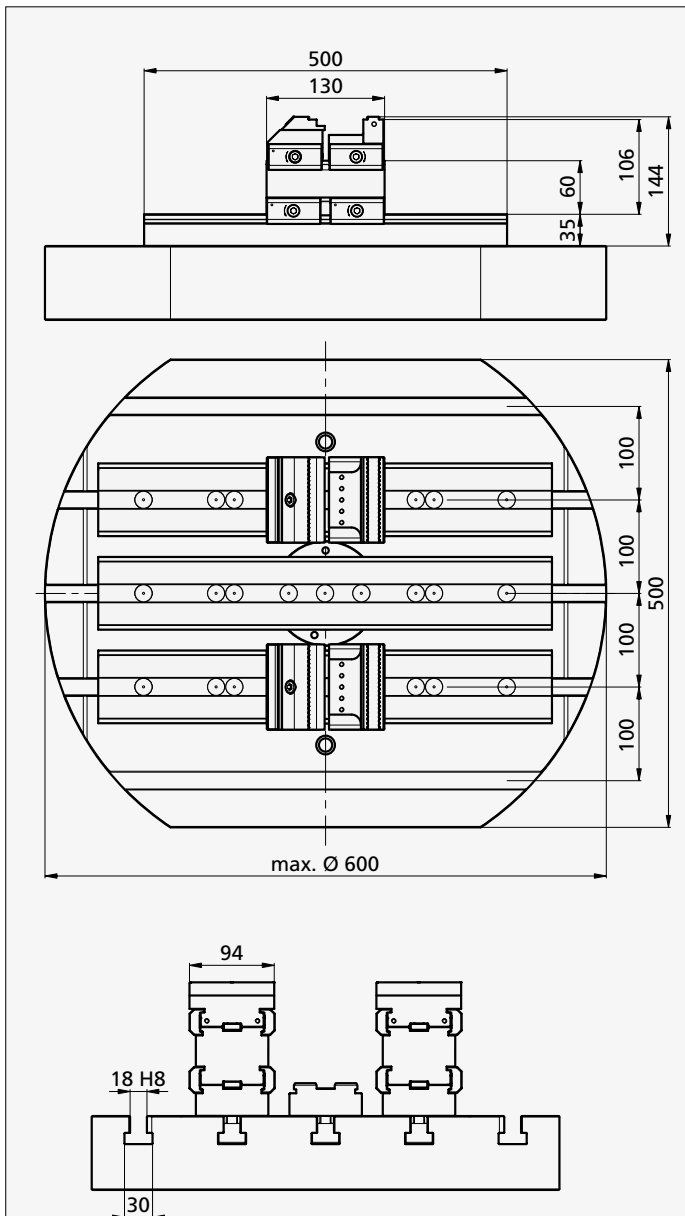


## powerCLAMP

- ✓ Hohes Mass an Flexibilität
- ✓ Einzigartiges Pratzensystem
- ✓ Präzise zuverlässige Schnittstelle
- ✓ Leichtgewicht
- ✓ Einfache Handhabung
- ✓ Keine spänefüllenden T-Nuten
  
- ✓ High degree of flexibility
- ✓ Precise and reliable interface
- ✓ Unique side clamp system
- ✓ Lightweight
- ✓ Easy handling
- ✓ No chip catching t-slots



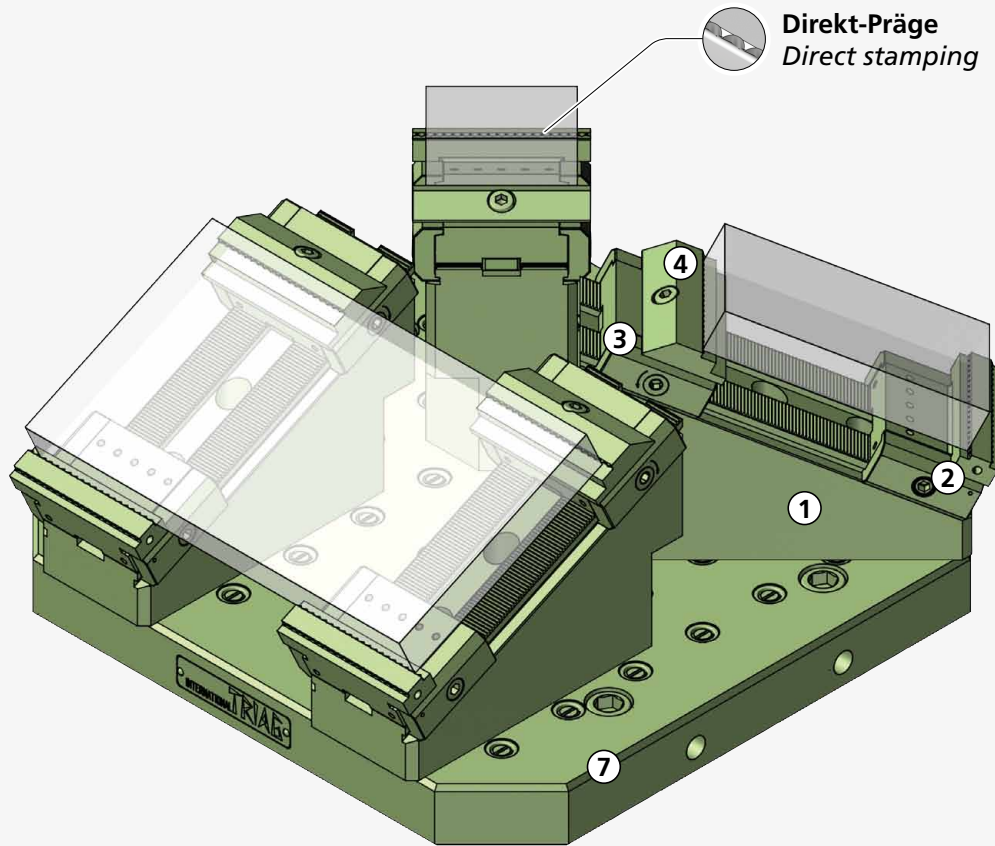
Schraube Screw	Drehmoment Torque		Spannkraft Workholding force		
	Nm	(lb-ft)	~daN	~(lb)	~t
M8	10	7,4	= 400	880	0,4
	20	14,8	= 800	1'760	0,8
	30	22,2	= 1'200	2'650	1,2
	40	29,6	= 1'600	3'530	1,6



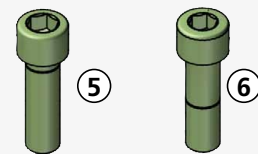
## Mazak Variaxis i-600

Standardtisch / Standard table





**PALLET SYSTEM**



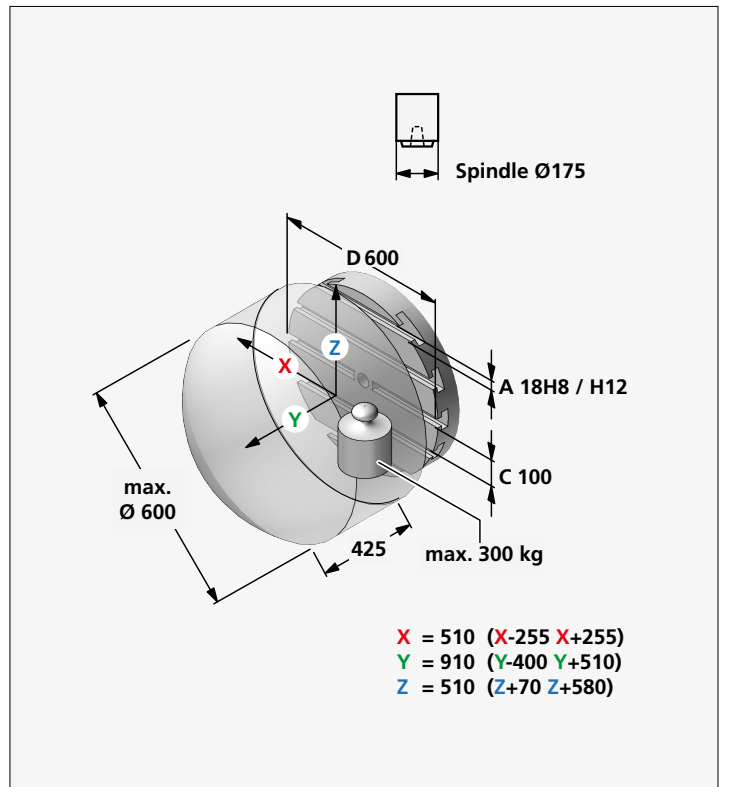
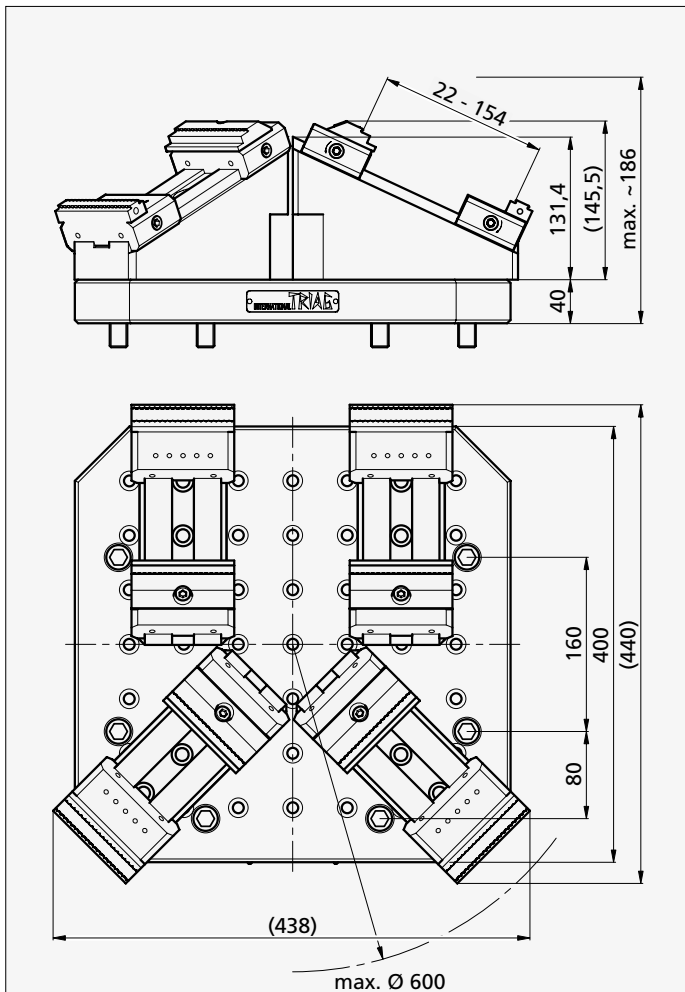
①	Artikel Nr. und Inhalt Article Nr. and content	Bezeichnung Description	-Kg	Spannbereich Clamping area	Raster Grid
	<b>MZI600-SET4</b>	<b>Maschinen-Set / Machine-Set</b>	<b>96</b>	<b>22 - 154</b>	
①	4x PCB50207W25	Basisschiene / Base-rail	37		
②	4x PAND94-34PRF-A1	Anschlagmodul / End-module	4,8		
③	4x PS5X48L34-105	Spannmodul / Clamping module	3,6		
④	4x B120P	Prägebacke / Stamping jaw	1,6		
⑤	8x TWPAS1240	Passschraube / Fitting screw	-		
⑥	4x M12 x 40 ISO4762	Zylinderschraube / Cap screw	-		
⑦	1x MZI40040-R1	Rasterplatte / Gridplate	47		49 x M12/12F7

## powerCLAMP

- ✓ Hohes Mass an Flexibilität
- ✓ Einzigartiges Pratzensystem
- ✓ Präzise zuverlässige Schnittstelle
- ✓ Leichtgewichtig
- ✓ Einfache Handhabung
- ✓ Keine spänefüllenden T-Nuten
  
- ✓ High degree of flexibility
- ✓ Precise and reliable interface
- ✓ Unique side clamp system
- ✓ Lightweight
- ✓ Easy handling
- ✓ No chip catching t-slots



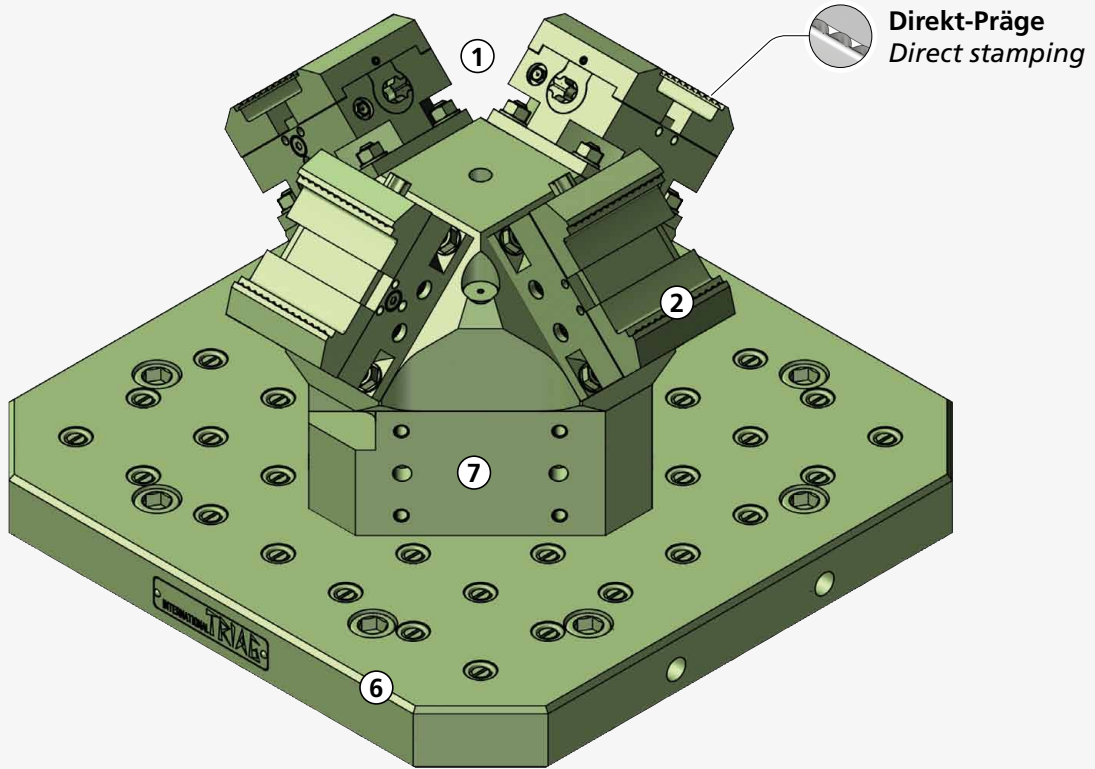
Schraube Screw	Drehmoment Torque		Spannkraft Workholding force		
	Nm	(lb-ft)	~daN	~(lb)	~t
M8	10	7,4	= 400	880	0,4
	20	14,8	= 800	1'760	0,8
	30	22,2	= 1'200	2'650	1,2
	40	29,6	= 1'600	3'530	1,6



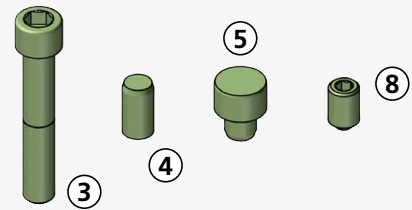
## Mazak Variaxis i-600

MPP & PALLETECH





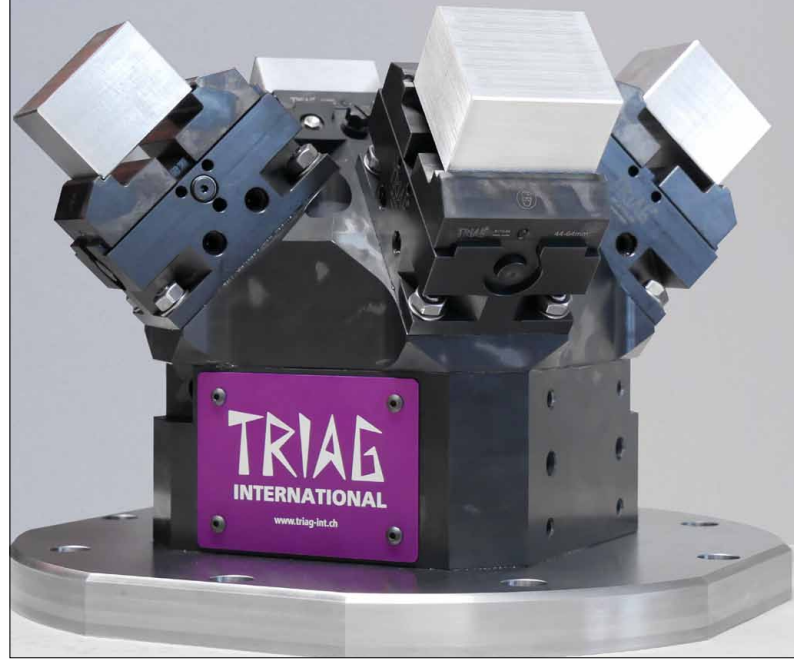
**PALLET SYSTEM**



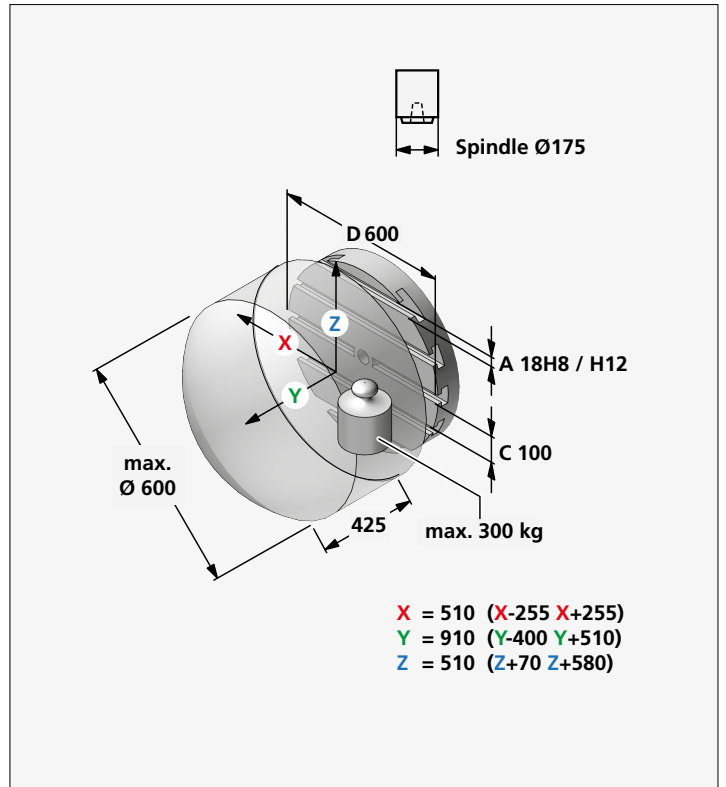
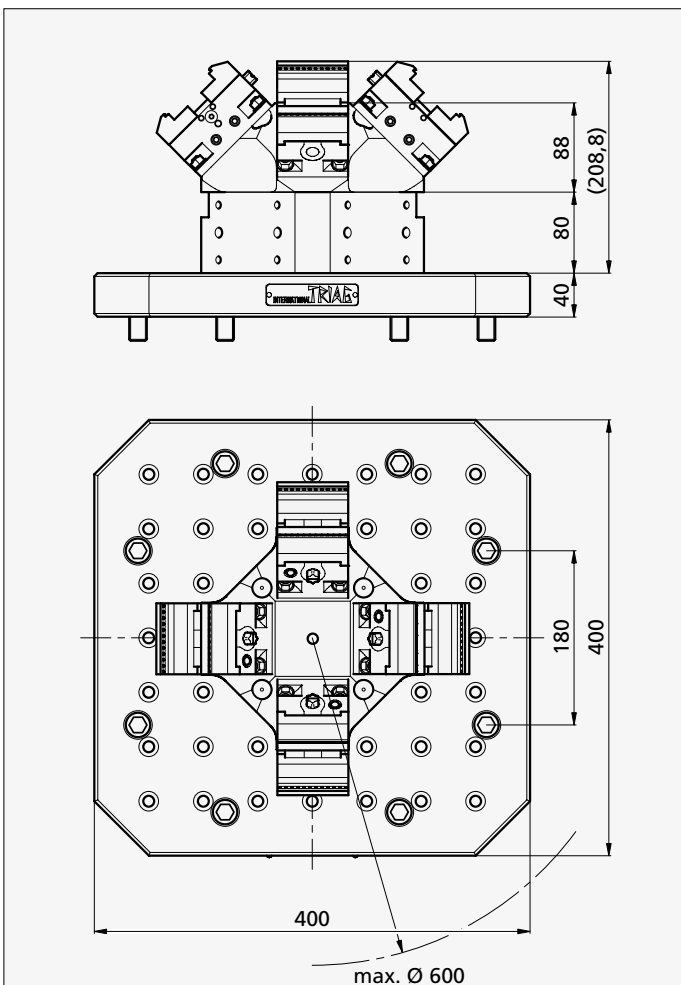
①	Artikel Nr. und Inhalt Article Nr. and content	Bezeichnung Description	~Kg	Spannbereich Clamping area	Raster Grid	50 mm
	<b>MZI600-SET5</b>	Maschinen-Set / Machine-Set	92,5			
①	1x 5AXMCZ100-45-4	Zentrischspannblock / Self centering vise block	26			
②	8x B175-64	Backe / Jaw	2,24			
③	4x M12 x 70	Zylinderschraube / Cap screw	-			
④	1x 12h6 x 24	Zylinderstift / Cylinder pin	-			
⑤	1x TB191617	Ausrichtzapfen / Aligning pin	-			
⑥	1x MZI40040-R1	Rasterplatte / Gridplate	47,10		49 x M12/12F7	
⑦	1x TS160111	Zentrischspannblock / Self centering vise block	15,0			
⑧	4x TF180547	Gewindestift / Grub screw				

## triCENTRO

- ✓ **Modulare Mehrfachspannung**
- ✓ **Backen-Schnellwechselsystem**
- ✓ **3 mm Direkt-Prägebacken**
- ✓ **Beste Zugänglichkeit**
- ✓ **Modular erweiterbar**
  
- ✓ *Modular multiple workholding*
- ✓ *Jaw quick-change system*
- ✓ *3 mm direct-stamping jaws*
- ✓ *Best accessibility*
- ✓ *Modular expandable*



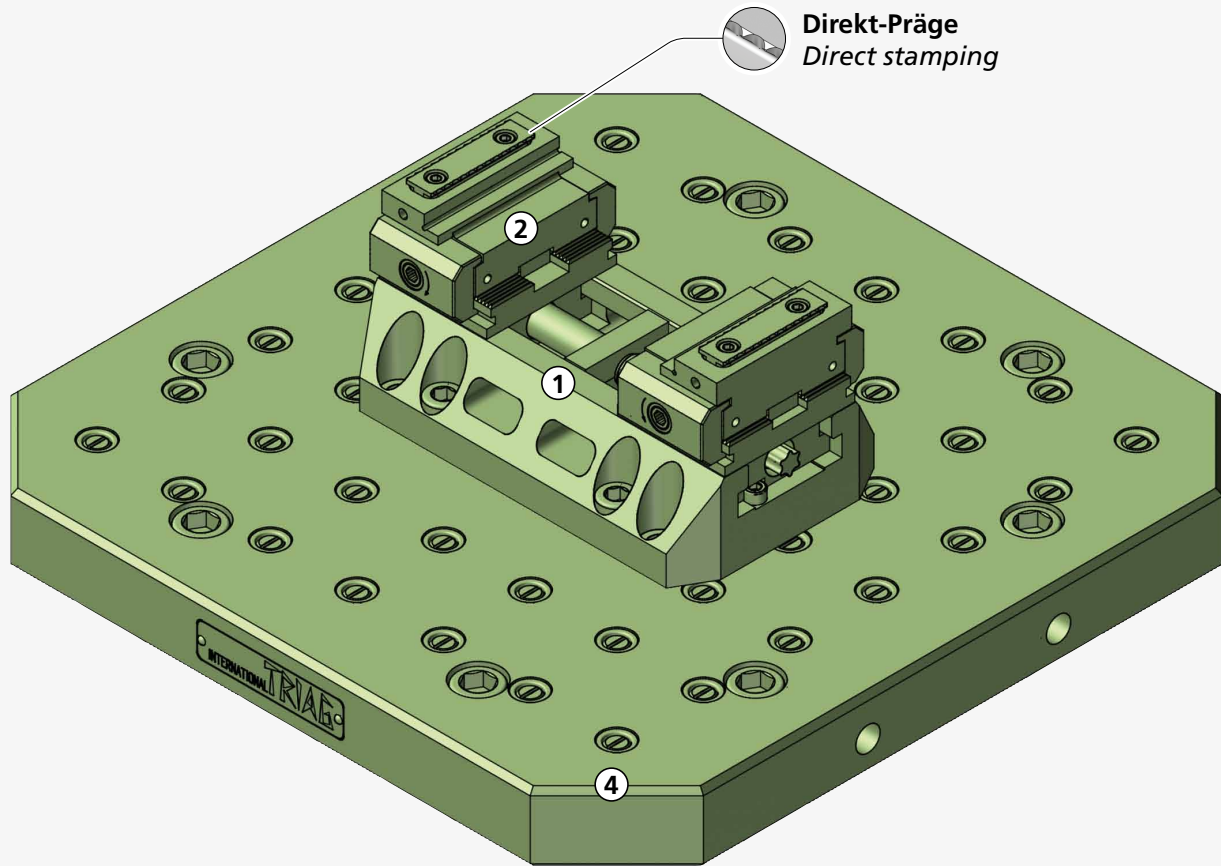
Drehmoment Torque		Spannkraft Workholding force		
Nm	(lb-ft)	~daN	~(lb)	~t
10	7,4	= 200	440	0,2
20	14,8	= 500	1'102	0,5
30	22,2	= 1'000	2'204	1,0
40	29,6	= 1'300	2'866	1,3
50	37,0	= 1'600	3'527	1,6



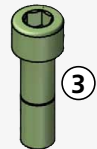
## Mazak Variaxis i-600

MPP & PALLETECH





**PALLET SYSTEM**



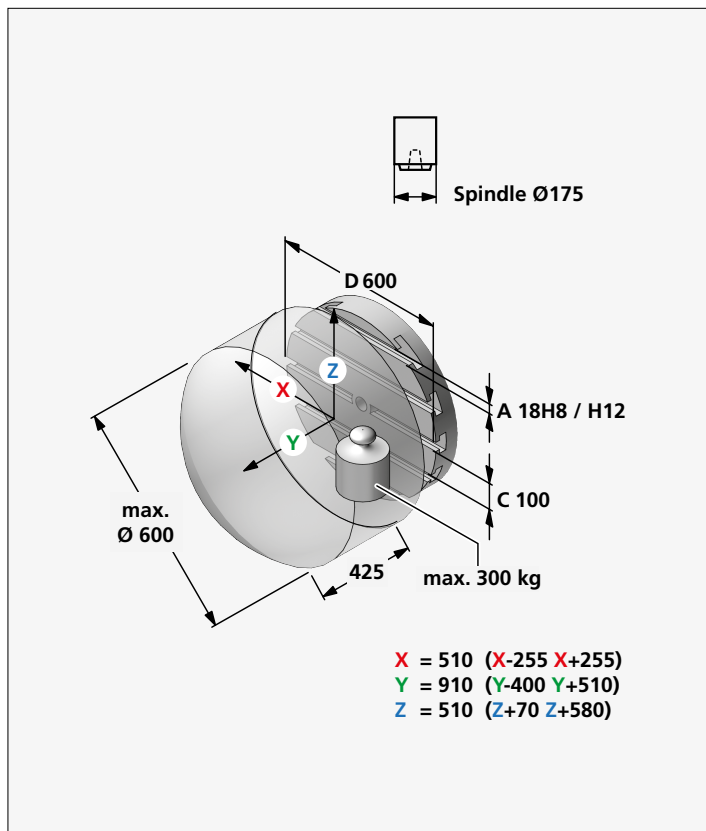
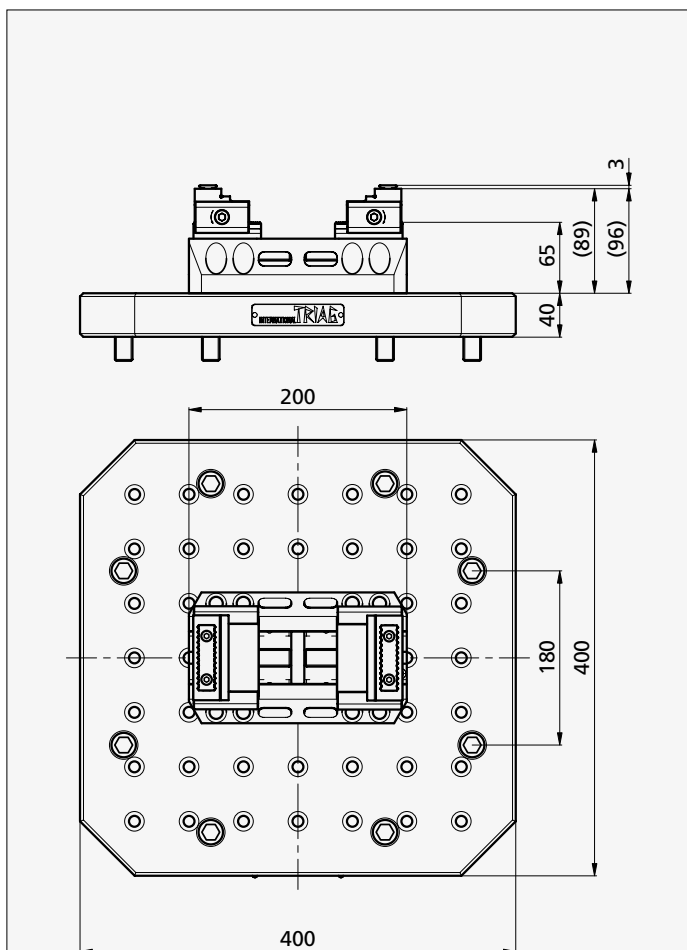
①	Artikel Nr. und Inhalt Article Nr. and content	Bezeichnung Description	~Kg	Spannbereich Clamping area	Raster Grid	50 mm
	<b>MZI600-SET6</b>	<b>Maschinen-Set / Machine-Set</b>	<b>57,5</b>			
①	1x ZSM200L50	Zentrischspanner / Self centering vises	7,4	10 - 175		
②	2x PAND78-34X50UPRG	Anschlagmodul / End-module	2,0			
③	4x TWPAS1240	Passschraube / Fitting screw	-			
④	1x MZI40040-R1	Rasterplatte / Gridplate	47,10		49 x M12/12F7	

## triCENTRO

- ✔ Modulare Mehrfachspannung
  - ✔ Backen-Schnellwechselsystem
  - ✔ 3 mm Direkt-Prägebacken
  - ✔ Beste Zugänglichkeit
  - ✔ Modular erweiterbar
- 
- ✔ Modular multiple workholding
  - ✔ Jaw quick-change system
  - ✔ 3 mm direct-stamping jaws
  - ✔ Best accessibility
  - ✔ Modular expandable



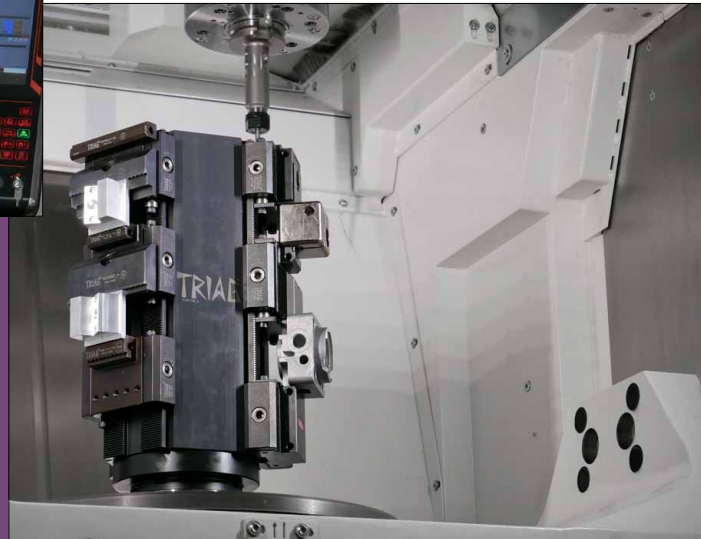
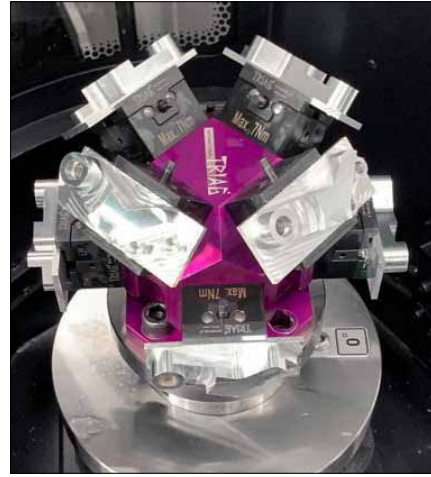
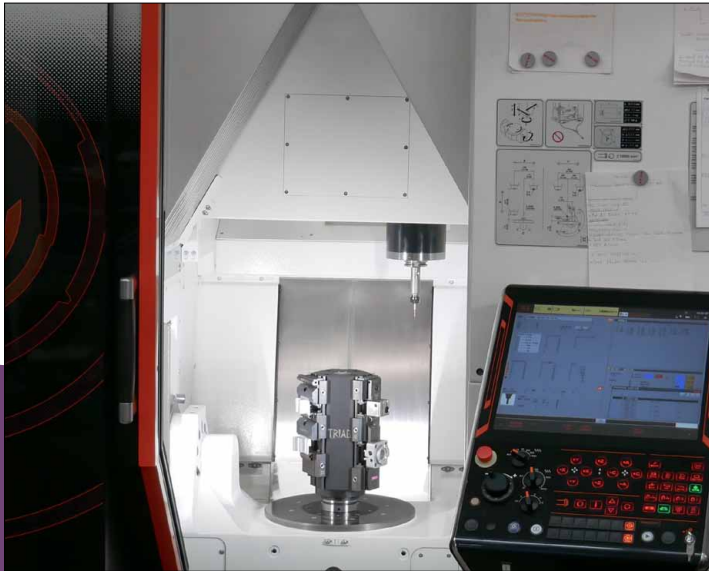
Steckschlüsseinsatz Socket wrench insert	Drehmoment Torque		Spannkraft Workholding force		
	Nm	(lb-ft)	~daN	~(lb)	~t
NUS3/8" TX30E14	10	7,4	= 200	440	0,2
	20	14,8	= 500	1'102	0,5
	30	22,2	= 1'000	2'204	1,0
	40	29,6	= 1'300	2'866	1,3
	50	37,0	= 1'600	3'527	1,6



## Mazak Variaxis i-600

MPP & PALLETECH





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