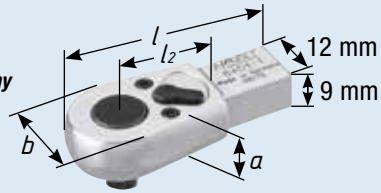


6401-1

Made in Germany



6.3 1/4"

■	l mm	l ₂ mm	a mm	b mm	○	Nm
6.3 1/4"	46.5	19.5	9.9	21.8	20	max. 40

9 x 12 6402-1

Made in Germany



10 3/8"

■	l mm	l ₂ mm	a mm	b mm	○	Nm
10 3/8"	61	30	15	30	30	max. 120

9 x 12 6403-1

Made in Germany

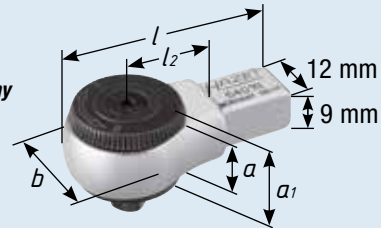


12⁵ 1/2"

■	l mm	l ₂ mm	a mm	b mm	○	Nm
12 ⁵ 1/2"	74.5	38.5	19.6	40	32	max. 120

9 x 12 6401 N

Made in Germany



6.3 1/4"

■	l mm	l ₂ mm	a mm	a ₁ mm	b mm	○	∠
6.3 1/4"	46	17.5	11	16.5	25	72	5°

9 x 12 6402

Made in Germany



10 3/8"

■	l mm	l ₂ mm	a mm	a ₁ mm	b mm	○	∠
10 3/8"	58.5	26	14.5	22.7	34.5	72	5°

9 x 12 6403

Made in Germany

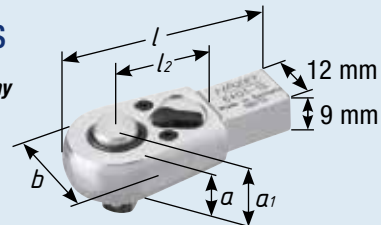


12⁵ 1/2"

■	l mm	l ₂ mm	a mm	a ₁ mm	b mm	○	∠
12 ⁵ 1/2"	58.5	26	14.5	22.5	34.5	72	5°

9 x 12 6401-1 S

Made in Germany



6.3 1/4"

■	l mm	l ₂ mm	a mm	a ₁ mm	b mm	○
6.3 1/4"	46.5	19.5	9.9	12.2	21.8	20

9 x 12 6402-1 S

Made in Germany



10 3/8"

■	l mm	l ₂ mm	a mm	a ₁ mm	b mm	○
10 3/8"	61	30	15	17.2	30	30

6403-1 S

Made in Germany



12⁵ 1/2"

■	l mm	l ₂ mm	a mm	a ₁ mm	b mm	○
12 ⁵ 1/2"	74.5	38.5	19.6	22.7	40	32

○ = Diş Sayısı

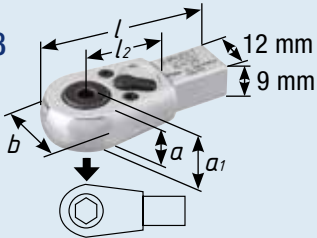
www.surkonmakina.com



9 x 12 6408

Made in Germany

6.3 1/4"

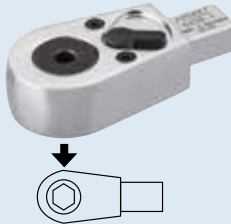


	l	l ₂	a	a ₁	b	
	mm	mm	mm	mm	mm	
6.3 1/4"	46.5	19.5	9.9	11.7	21.8	20

9 x 12 6408-1

Made in Germany

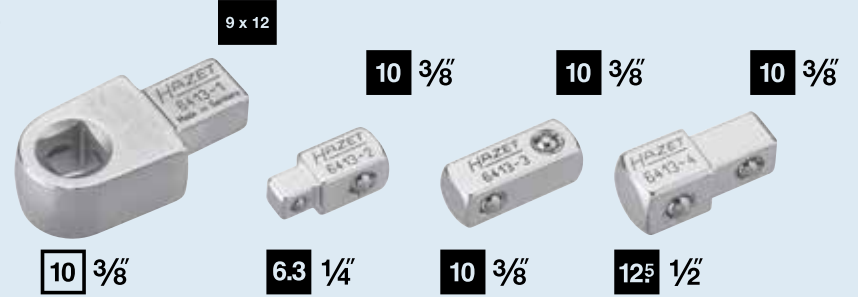
8 5/16"



	l	l ₂	a	a ₁	b	
	mm	mm	mm	mm	mm	
8 5/16"	60	30	15	15.3	30	30

6413/4

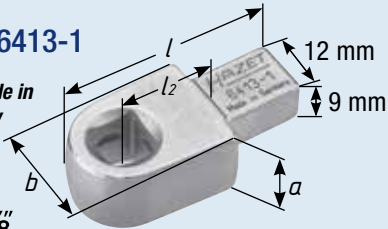
Made in Germany



9 x 12 6413-1

Made in Germany

10 3/8"



	l	l ₂	a	b
	mm	mm	mm	mm
10 3/8"	43.5	17.5	14	22

6413-2

Made in Germany

6.3 1/4"



	l
	mm
6.3 1/4"	22

6413-3

Made in Germany

10 3/8"



	l
	mm
10 3/8"	25

6413-4

Made in Germany

12 5/8"

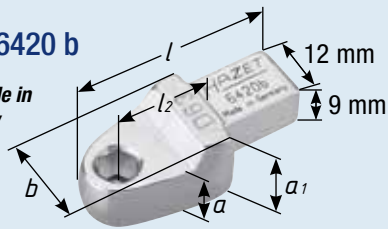


	l
	mm
12 5/8"	30.2

9 x 12 6420 b

Made in Germany

6.3 1/4"



	l	l ₂	a	a ₁	b
	mm	mm	mm	mm	mm
6.3 1/4"	40.5	17.5	10	14.5	20

9 x 12 6420 c

Made in Germany

8 5/16"

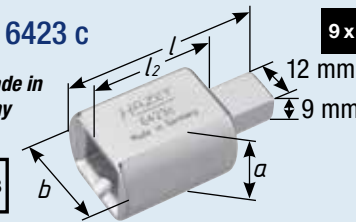


	l	l ₂	a	a ₁	b
	mm	mm	mm	mm	mm
8 5/16"	41.5	17.5	12.5	14.5	20

9 x 12 6423 c

Made in Germany

14 x 18

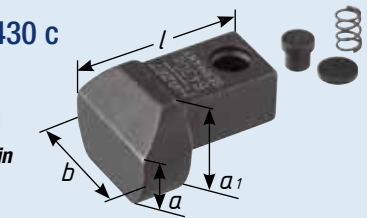


	l	l ₂	a	b
	mm	mm	mm	mm
9 x 12	50	34	22.9	30

9 x 12 6430 c

Made in Germany

Kaynak
Parça Ucu



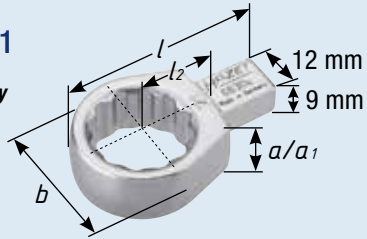
	l	a	a ₁	b
	mm	mm	mm	mm
9 x 12	24	10	14.5	19

⊙ = Diş Sayısı



9 x 12 6630 c-21

Made in Germany



s	l	l ₂	a	a ₁	b
mm	mm	mm	mm	mm	mm
21	50	17.5	15	15	33

9 x 12 6630 c-22

Made in Germany

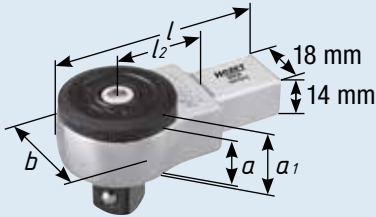


s	l	l ₂	a	a ₁	b
mm	mm	mm	mm	mm	mm
22	50.8	17.5	15	15	34.5



14 x 18 6404

Made in Germany

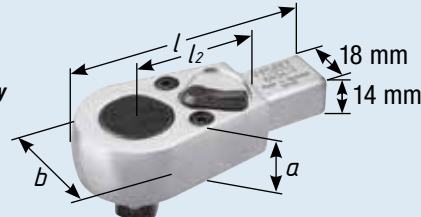


12⁵/₁₆"

■	l	l ₂	a	a ₁	b	Teeth
	mm	mm	mm	mm	mm	
12 ⁵ / ₁₆ "	70.5	27	15.7	24.1	37	72

14 x 18 6404-1

Made in Germany

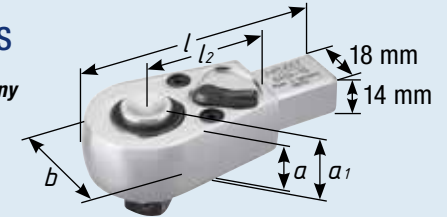


12⁵/₁₆"

■	l	l ₂	a	b	Teeth
	mm	mm	mm	mm	
12 ⁵ / ₁₆ "	83.5	38.5	19.6	40	32

14 x 18 6404-1 S

Made in Germany

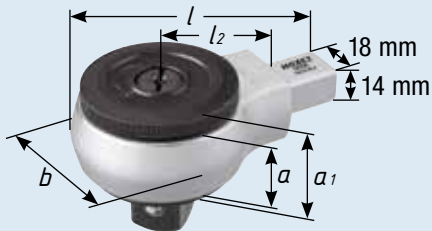


12⁵/₁₆"

■	l	l ₂	a	a ₁	b	Teeth
	mm	mm	mm	mm	mm	
12 ⁵ / ₁₆ "	83.5	38.5	19.6	22.7	40	32

14 x 18 6406

Made in Germany

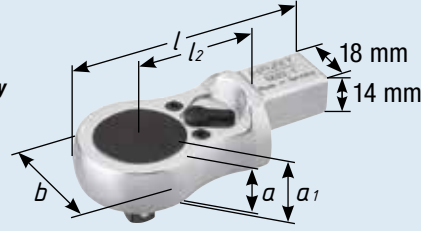


12⁵/₁₆"

■	l	l ₂	a	a ₁	b	Teeth
	mm	mm	mm	mm	mm	
20 3/4"	101	44	24	35.6	64	72

14 x 18 6602-1

Made in Germany



10 3/8"

■	Nm	l	l ₂	a	a ₁	b	Teeth
		mm	mm	mm	mm	mm	
10 3/8"	200	81	36	14.3	20.5	40	40

14 x 18 6604-1

Made in Germany

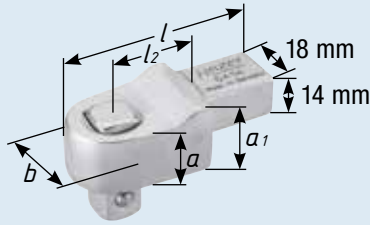


12⁵/₁₆"

■	Nm	l	l ₂	a	a ₁	b	Teeth
		mm	mm	mm	mm	mm	
12 ⁵ / ₁₆ "	320	81	36	14.3	20.5	40	40

14x18 6414

Made in Germany

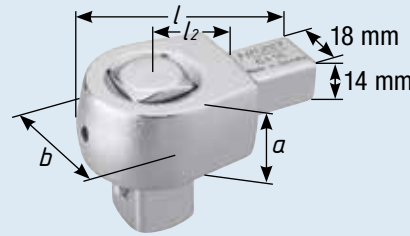


12⁵/₁₆"

■	l	l ₂	a	a ₁	b
	mm	mm	mm	mm	mm
12 ⁵ / ₁₆ "	63.5	25	18	21.5	30

14x18 6416

Made in Germany

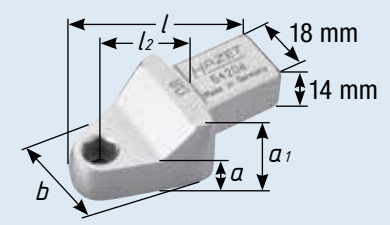


20³/₄"

■	l	l ₂	a	a ₁	b
	mm	mm	mm	mm	mm
20 ³ / ₄ "	70	25	25	-	40

14x18 6420 d

Made in Germany

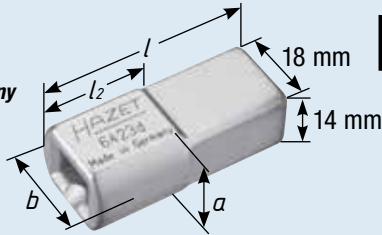


8⁵/₁₆"

■	l	l ₂	a	a ₁	b
	mm	mm	mm	mm	mm
8 ⁵ / ₁₆ "	58	25	12.5	21.5	30

14x18 6423 d

Made in Germany



14x18

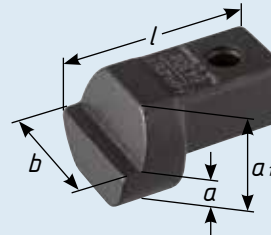
9x12

■	l	l ₂	a	b
	mm	mm	mm	mm
14x18	45	20	17	22

14x18 6430 d

Blank-end insert

Made in Germany



■	l	a	a ₁	b
	mm	mm	mm	mm
14x18	37	11	21.5	26



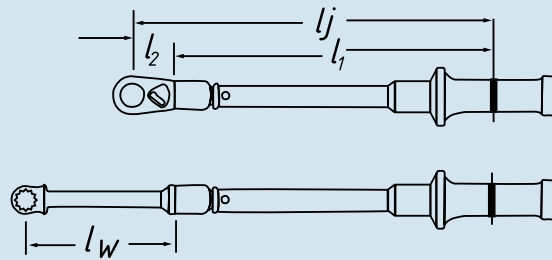
Değiştirilebilir Uçların Tork Değerine Etkisinin Hesaplanması

- MDE = Seçilen tork değeri
- MDV = Öngörülen tork değeri
- l_j = Cırcır kafasıyla birlikte standart ayar uzunluğu
- l₁ = Tork kolu etki uzunluğu
- l₂ = Cırcır kafasının ayar merkez ölçüsü
- l_w = Cırcır kafasının extra uzatma mesafesi

Formül: Değişik uzunluklardan kaynaklanan tork sapmalarının hesaplanması

$$MDE = \frac{(l_1 + l_2) \times MDV}{l_1 + l_w}$$

HAZET Tork anahtarları standart "l₂ değiştirilebilir cırcır kafa veya uç ölçüleriyle ayarlanmış / kalibre edilmiştir. Farklı uç kullanımı durumunda sapmaların hesaplanması gerekir.



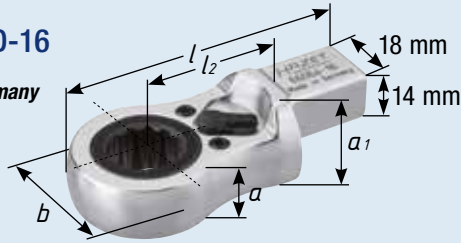
HAZET Farklı Tork Anahtarı Ölçüleri:

HAZET No.	l ₁ mm	HAZET No. ile ayarlı	l ₂ mm	HAZET No.	l ₁ mm	HAZET No. ile ayarlı	l ₂ mm	HAZET No.	l ₁ mm
6280-1 CT	140	6401-1 (S)	19.5	6293-1 CT	547	6404-1 (S)	38.5	6391- 12 (V)	100
6281-2 CT	99	6401 N	17.5	6294-1 CT	640	6406	44	6391- 25 (V)	130
6282-1 CT	200	6401-1 (S)	19.5	6295-1 CT	880	6406	44	6391- 35 (V)	130
6290-1 CT	245	6402-1 (S)	30	6296-1 CT	1120	6406	44	6391- 50 (V)	190
6291-1 CT	330	6404-1 (S)	38.5					6391- 85 (V)	260
6291-2 CT	312	6402-1 (S)	30					6392-200 (V)	345
6292-1 CT	432	6404-1 (S)	38.5					6392-320 (V)	570



14 x 18 6606 D-16

Germany



Nm	S mm	l mm	l ₂ mm	a mm	a ₁ mm	b mm	⊙
320	16	81	36	14.3	20.5	40	40

14 x 18 6606 D-17

Germany



Nm	S mm	l mm	l ₂ mm	a mm	a ₁ mm	b mm	⊙
320	17	81	36	14.3	20.5	40	40

14 x 18 6606 D-18

Germany



Nm	S mm	l mm	l ₂ mm	a mm	a ₁ mm	b mm	⊙
320	18	81	36	14.3	20.5	40	40

14 x 18 6606 D-19

Germany



Nm	S mm	l mm	l ₂ mm	a mm	a ₁ mm	b mm	⊙
320	19	81	36	14.3	20.5	40	40

14 x 18 6606 D-21

Germany

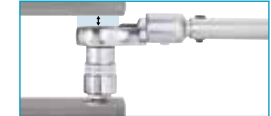


Nm	S mm	l mm	l ₂ mm	a mm	a ₁ mm	b mm	⊙
320	21	81	36	14.3	20.5	40	40

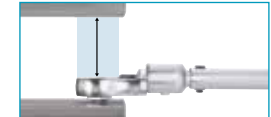
Geleneksel kullanım



Değiştirilebilir uçlu cırcır kafa

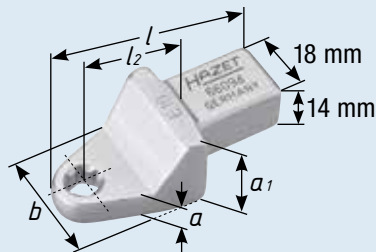


Kasetli tip cırcır kafa



14 x 18 6609 d-E10

Germany



l mm	⊙	mm	l ₂ mm	a mm	a ₁ mm	b mm
58	E10	9.42	25	8	21.5	30

14 x 18 6609 d-E11

Germany



l mm	⊙	mm	l ₂ mm	a mm	a ₁ mm	b mm
58.5	E11	10.08	25	8	21.5	30

14 x 18 6609 d-E12

Germany



l mm	⊙	mm	l ₂ mm	a mm	a ₁ mm	b mm
59	E12	11.17	25	8	21.5	30

⊙ = Diş sayısı