



# Huck® structural blind fasteners

Extremly resilient, high reliable, absolutely secure

# The center of excellence for highperformance fastening technology

KVT-Fastening is an expert for high-quality fastening applications and offers engineering solutions based on the wide product portfolio of the leading manufacturers in the market.



Mechanical engineering | Automotive | Electrical engineering | Energy | Precision engineering | Fluid power | Transportation | Off-shore and Marine | Medical equipment Aviation and aerospace | Construction industry | Watch manufacturing industry

www.kvt-fastening.com



High-performance solutions from KVT-Fastening are found wherever absolutely safe and secure connections are essential. These small but extremely resilient components play key roles where it matters most – whether in the electronics and energy sector, the automotive and transportation industries, aviation and aerospace, engineering and construction, precision engineering, or medical equipment.

KVT-Fastening does not just supply standard products and individual components, but also provides close and active customer support in the search for ideal solutions, particularly when specific requirements must be fulfilled. This portfolio is complemented by a range of innovative tools and

machines as well as, if needed, the integration into automated serial production workflows.

Ever since 1927, KVT-Fastening has stood for experience, solution-driven know-how, unique expertise in development and consultancy as well as the ultimate in reliability. Since December 2012, KVT-Fastening is a member of the Bossard Group. Bossard is a leading provider of intelligent solutions for industrial fastening technology. The range includes global sales, technical consulting (engineering) and logistics of fastening technology components and bolts. Customers benefit from the extension of competencies in industrial fastening technology and from an optimally enhanced product or service portfolio.



# HUCK® structural blind fasteners – unshakable, even under extreme stress

HUCK® structural blind fasteners as well as specially designed rivet solutions are primarily used in the fields of transport, rail vehicles, bus and truck production, semitrailers, containers and frame construction – fields that place great demands on components and materials.

### Challenge

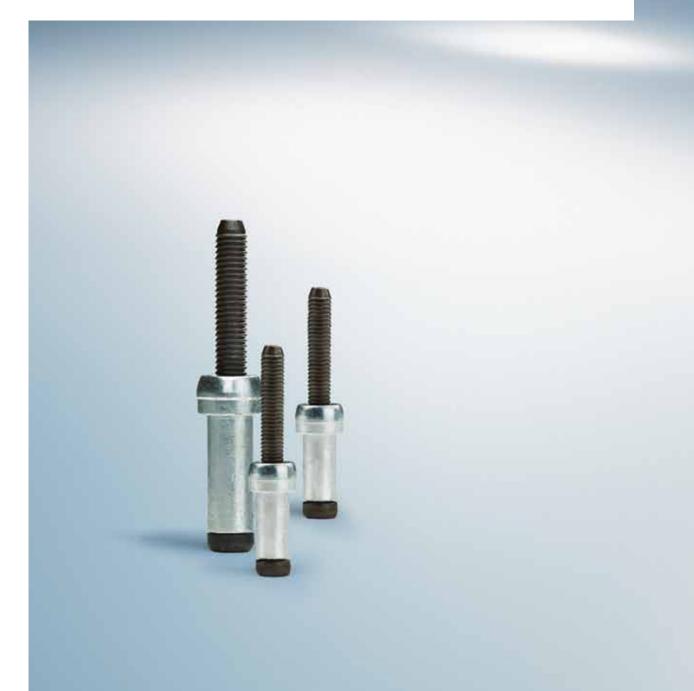
The problem is the joining of two components made of the same or different materials, such as steel and plastic, with different strengths and material thicknesses. Above all, the joints must be able to withstand vibrations over a long period of time.

#### Solution

HUCK® structural blind fasteners live up to these most demanding requirements thanks to their enormous shear strength and great tensile strength. Even large components can be permanently joined without deformation.

#### Vorteile

- Highly resistant to vibrations
- Ideally designed, nondetachable blind rivet joints
- Deformation-free joints without surface damage
- Virtually corrosion-free
- Range of tools for quick and easy installation





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Technical performances, installation recommendations as well as unspecified tolerances regarding the dimensions of the parts have to be requested individual for each application before starting the series production.

All dimensions are specified in mm.

# Overview of structural blind fasteners

Heavy-duty rivet series	Head shape	Use	Features of use	Fasteners sleeve material	Fasteners mandrel material	
				Aluminum	Aluminum	
Magna-Lok®	Domed head		Structural blind fastener with wide grip range and good hole filling. The mandrel is automatically locked to prevent detachment. The break point is flush-fit to the rivet body. Magna-Lok® seals the joint against splash water.	Steel	Steel	
			,g	Stainless steel	Stainless steel	
			Structural blind fastener with wide grip range and	Aluminum	Aluminum	
Magna-Lok®	Countersunk head		good hole filling. The mandrel is automatically locked to prevent detachment. The break point is flush-fit to the rivet body. Magna-Lok® seals the joint against splash water.	Steel	Steel	
			juint against Spiash water.	Stainless steel	Stainless steel	
Huck-Lok™	Domed head		The great vibration resistance of the Huck-Lok™ is achieved by a double-mandrel lock. The special bulge style prevents pulling through in combination with the locking mechanism on the blind side. Wide grip range and high shear strength.	Steel	Steel	
Magna-Bulb®	Domed head		Large contact surfaces paired with high clamping force are well suited for use in sheet-metal and plastic applications. The form-fit locked rivet mandrel provides security even under heavy component vibrations.	Steel	Steel	
Auto-Bulb®	Domed head	1	Auto-Bulb® offers optimum appearance and no danger of injury on the blind side. The projecting height of the bulge can be ideally adapted due to overlapping clamping ranges. High clamping force and a large blind side footprint offer optimum fatigue strength.	Steel	Steel	
B0M®	Collar head		The strutural blind fastener for the most demanding requirements in terms of clamping force and shear strength. The joint is sealed to prevent liquid from entering. The rivet mandrel breaks flush. BOM® provides the strength advantages of HUCK® lockbolt systems but is also made for blind installation from one side.	Steel	Steel	

Grip range [mm]			Fast	teners diame	ters			Seite
	4.8	6.4	7.9	9.5	12.7	15.9	19.4	
Standard lengths (included in catalog)	1.6 – 11.1	2.0 – 15.9		3.0 - 14.2				8
Standard lengths (included in catalog)	1.6 – 11.1	2.0 - 15.9		3.0 - 14.2				9
Standard lengths (included in catalog)	1.6 – 11.1	2.0 - 15.9						10
Standard lengths (included in catalog)	3.2 - 12.7	4.0 - 18.4						11
Standard lengths (included in catalog)	3.2 – 12.7	4.0 - 18.4						12
Standard lengths (included in catalog)	3.2 – 12.7	4.0 – 18.4						13
Standard lengths (included in catalog)		2.0 - 22.2						14
Standard lengths (included in catalog)	2.2 - 8.8	8.8 - 33.8						15
Available upon request			3.8 – 15.2					15
Standard lengths (included in catalog)	2.2 - 9.8	2.2 - 9.8						16
Available upon request	9.8 – 18.8	9.8 – 20.8						10
Standard lengths (included in catalog)		4.0 - 10.3	4.8 – 17.5	4.8 – 20.6				17
Available upon request	2.4 – 19.8	10.3 - 23.0	20.7 – 27.0	20.7 - 33.3	6.4 - 41.3	6.4 - 38.1	6.4 - 31.7	17

### Domed head

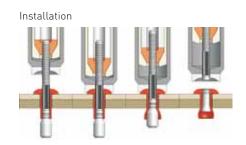


# Type Magna-Lok®

### Material

Body: Aluminum (AIMg5)
Mandrel: Aluminum (AIZn5, 5MgCu)

Tools see pages 18 – 21



NOM fas-		Order description	Body length	Rivet length					Installa	tion
teners Ø		uescription	D max.	E max.	<b>→</b>		<b>↑</b>	<u> </u>	Setting tool	Pulling head
							[N]	[N]	Pneu./Hydr.	
	1.6 - 6.9	MGLP-B6-4	10.54	17.15		D 2,16 MAX				
4.8	5.5 – 11.1	MGLP-B6-7	14.53	20.96	4.9 - 5.1		2.220	2.670	2025L/2480L <sup>1)</sup>	99-3303L
	1.6 – 11.1	MGLP-B6-E	14.53	24.13		9,78 MAX			LH-224/ 202V	99-3303 99-3303
						4,8 NOM				
						- E -				
	2.0 - 9.5	MGLP-B8-6	14.22	24.64		D 2,97 MAX				
6.4	8.9 – 15.9	MGLP-B8-10	20.57	30.99	6.6 - 6.9		3.960	5.780	2025L/2480L <sup>1)</sup>	99-3305L
	2.0 - 15.9	MGLP-B8-E	20.57	35.69		13,34 MAX			LH-224/ 202V	99-3305 99-3305
						6,4 NOM				
						- E -				
9.5	3.0 - 14.2	MGLP-B12-12	21.34	41.91	9.9 – 10.3	D _ 4,45 MAX	8.450	13.120	255/258011	99-3329
						19,99 MAX				
						9,5 NOM				
						. E.				

 $<sup>^{11}</sup>$  This tool can only be operated in combination with the HK32-002 Powerig  $^{\rm @}$  and the HS-10-MCE hose set.

# Domed head

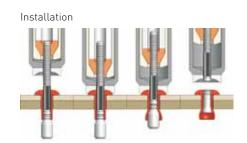
# Type Magna-Lok®

### Material

Body: Steel Mandrel: Steel

Surface: Zinc-plated with clear chromate

Tools see pages 18 – 21



# 3-D Daten: http://kvt.partcommunity.com

NOM	<b>1</b>	Order	Body	Rivet				<i>71</i> 2 €77.≯	Installa	tion
fas- teners Ø		description	length D max.	length E max.					Setting tool	Pulling head
							[N]	[N]	Pneu./Hydr.	
	1.6 - 6.9	MGLP-R6-4	10.54	17.15		D 2,16 MAX				
4.8	5.5 – 11.1	MGLP-R6-7	14.53	20.96	4.9 - 5.1		4.450	5.780	2025L/2480L <sup>1)</sup>	99-3303L
	1.6 – 11.1	MGLP-R6-E	14.53	24.13		9,78 MAX			LH-224/ 202V	99-3303 99-3303
						4,8 NOM				
						- E				
	2.0 - 9.5	MGLP-R8-6	14.22	24.64		D 2,97 MAX				
6.4	8.9 – 15.9	MGLP-R8-10	20.57	30.99	6.6 - 6.9		8.230	11.120	2025L/2480L <sup>1)</sup>	99-3305L
	2.0 - 15.9	MGLP-R8-E	20.57	35.69		13,34 MAX			LH-224/ 202V	99-3305 99-3305
						6,4 NOM				
						- E -				
9.5	3.0 - 14.2	MGLP-R12-12	21.34	41.91	9.9 – 10.3	D 4,45 MAX	17.790	26.690	255/25801]	99-3329
						19,99 MAX				
						9,5 NOM				
						- E				

 $<sup>^{1)}</sup>$  This tool can only be operated in combination with the HK32-002 Powerig $^{\odot}$  and the HS-10-MCE hose set.

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### Domed head

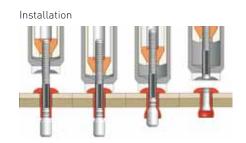


# Type Magna-Lok®

#### Material

Body: Stainless steel 1.4310 (AISI 302) Mandrel: Stainless steel 1.4303 (AISI 305)

Tools see pages 18 – 21



NOM fas-	<del>-</del>	Order description	Body length	Rivet length					Installa	tion
teners Ø		uescription	D max.	E max.			<b>↑</b>	<u> </u>	Setting tool	Pulling head
							[N]	[N]	Pneu./Hydr.	
4.8	1.6 - 6.9	MGLP-U6-4	10.54	17.15	4.9 – 5.1	D _ 2,16 MAX	4.220	5.780	2025L/2480L <sup>1]</sup>	99-3303L
4.0	5.5 – 11.1	MGLP-U6-7	14.53	20.96	4.7 0.1	9,78 MAX 4,8 NOM E	4.220	0.760	LH-224/ 202V	99-3303 99-3303
6.4	2.0 - 9.5	MGLP-U8-6	14.22	24.64	6.6 - 6.9	D 2,97 MAX	8.000	10.450	2025L/2480L <sup>1]</sup>	99-3305L
0.4	8.9 – 15.9	MGLP-U8-10	20.57	30.99	0.0 - 0.7	6,4 NOM E	3.300	10.430	2023L/2440L LH-224/ 202V	99-3305 99-3305

 $<sup>^{11}</sup>$  This tool can only be operated in combination with the HK32-002 Powerig $^{\odot}$  and the HS-10-MCE hose set.

Countersunk head, 100°

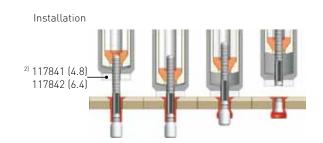


# Type Magna-Lok®

#### Material

Body: Aluminum (AIMg5)
Mandrel: Aluminum (AIZn5,5MgCu)

Tools see pages 18 – 21



NOM fas-	<b>—</b>	Order description	Body length	Rivet length				. ZŹŹ   ZZZ- <b>&gt;</b>	Installa	tion
teners Ø		uescription	D max.	E max.			<b>↑</b>		Setting tool	Pulling head
							[N]	[N]	Pneu./Hydr.	
4.8	3.2 - 8.4	MGL100-B6-6	12.34	19.35	4.9 – 5.1	_ D _	2.220	2.670	2025L/2480L <sup>1]</sup>	99-3303L <sup>2)</sup>
4.0	7.8 – 12.7	MGL100-B6-9	16.59	23.60	4.7 - 3.1	2,03 MAX	2.220	2.070	LH-224/	99-33032]
						8,76 MAX			202V	99-3303
						4,8 NOM				
						. E				
6.4	4.0 - 12.1	MGL100-B8-8	16.76	26.90	6.6 – 6.9	- D -	3.960	5.780	2025L/2480L <sup>1]</sup>	99-3305L <sup>2)</sup>
0.4	10.5 - 18.4	MGL100-B8-12	23.11	33.25	0.0 - 0.7	2,26 MAX	3.700	3.760	LH-224/	99-33052
						10,29 MAX			202V	99-3305
						6,4 NOM				
						. E.				

<sup>&</sup>lt;sup>1)</sup> This tool can only be operated in combination with the HK32-002 Powerig® and the HS-10-MCE hose set.

<sup>&</sup>lt;sup>2)</sup> The respective mouthpiece, 117841 (4.8) or 117842 (6.4), must be used to set countersunk head fasteners. They are supplied with the respective pulling head as standard.

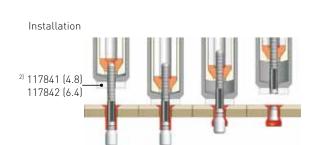
Countersunk head, 100°

# Type Magna-Lok®

Material Body: Steel Mandrel: Steel

Surface: Zinc-plated with clear chromate

Tools see pages 18 - 21



NOM fas-	<b>*</b>	Order description	Body length	Rivet length				. 7£1	Installa	tion
teners Ø		uescription	D max.	E max.	<b>→</b>		<b>↑</b>		Setting tool	Pulling head
							[N]	[N]	Pneu./Hydr.	
4.8	3.2 - 8.4	MGL100-R6-6	12.34	19.35	4.9 – 5.1	_ D _	4.450	5.780	2025L/2480L <sup>1]</sup>	99-3303L <sup>2)</sup>
4.0	7.8 – 12.7	MGL100-R6-9	16.59	23.60	4.7 - 3.1	2,03 MAX	4.430	3.700	LH-224/	99-33032]
						8,76 MAX			202V	99-3303
						4,8 NOM				
						. E				
6.4	4.0 - 12.1	MGL100-R8-8	16.76	26.90	6.6 - 6.9	, D ,	8.230	11 120	2025L/2480L <sup>1]</sup>	99-3305L <sup>2)</sup>
0.4	10.5 – 18.4	MGL100-R8-12	23.11	33.25	0.0 - 0.7	2,26 MAX	8.230	11.120	LH-224/	99-33052]
						10,29 MAX			202V	99-3305
						6,4 NOM				
						. E .				

<sup>&</sup>lt;sup>1)</sup> This tool can only be operated in combination with the HK32-002 Powerig® and the HS-10-MCE hose set.

<sup>&</sup>lt;sup>2</sup> The respective mouthpiece, 117841 (4.8) or 117842 (6.4), must be used to set countersunk head fasteners. They are supplied with the respective pulling head as standard.

Countersunk head, 100°

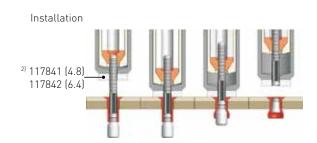


# Type Magna-Lok®

#### Material

Body: Stainless steel 1.4310 (AISI 302) Mandrel: Stainless steel 1.4303 (AISI 305)

Tools see pages 18 – 21



NOM fas-	<b>1</b>	Order description	Body length	Rivet length				. 725	Installa	tion
teners Ø		uescription	D max.	E max.	<b>→</b>				Setting tool	Pulling head
							[N]	[N]	Pneu./Hydr.	
4.8	3.2 - 8.4	MGL100-U6-6	12.34	19.35	4.9 – 5.1	_ D _	4.220	5.780	2025L/2480L <sup>1]</sup>	99-3303L <sup>2]</sup>
4.0	7.8 – 12.7	MGL100-U6-9	16.59	23.60	4.7 - 3.1	2,03 MAX	4.220	3.700	LH-224/	99-3303 <sup>2</sup>
						8,76 MAX			202V	99-3303
						4,8 NOM				
						_ E				
6.4	4.0 - 12.1	MGL100-U8-8	16.76	26.90	6.6 – 6.9	- D -	8.000	10.450	2025L/2480L <sup>1]</sup>	99-3305L <sup>2)</sup>
0.4	10.5 – 18.4	MGL100-U8-12	23.11	33.25	0.0 - 0.7	2,26 MAX	0.000	10.430	LH-224/	99-330523
						10,29 MAX			202V	99-3305
						6,4 NOM				
						, E ,				

<sup>&</sup>lt;sup>1)</sup> This tool can only be operated in combination with the HK32-002 Powerig® and the HS-10-MCE hose set.

<sup>&</sup>lt;sup>2)</sup> The respective mouthpiece, 117841 (4.8) or 117842 (6.4), must be used to set countersunk head fasteners. They are supplied with the respective pulling head as standard.

### Domed head



# Type Huck-Lok™

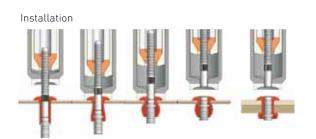
#### Material

Body: Steel Mandrel: Steel

Surface: Zinc-plated with clear chromate

Tools see pages 18 – 21

Grip range 22.2 to 28.6 mm and 25.4 to 31.8 mm are available upon request



NOM fas-	<b>J</b>	Order description	Body length	Rivet length			<b>↑</b>	. ZZĀ \ \ \ \ ZZ <b>.</b> \	Installa	tion
teners Ø		description	D max.	E max.					Setting tool	Pulling head
							[N]	[N]	Pneu./Hydr.	
	2.0 - 9.5	HKLP-R8-6	14.2	28.3		D3,2 MAX				
	4.8 – 11.1	HKLP-R8-7	15.8	29.9						
6.4	9.5 – 15.9	HKLP-R8-10	20.6	34.7	6.6 - 7.0	13,5 MAX	8.450	15.570	2025L/2480L <sup>1)</sup>	99-3305L
	12.7 – 19.1	HKLP-R8-12	23.7	37.9		6,4 NOM			LH-224/ 202V	99-3305 99-3305
	15.9 – 22.2	HKLP-R8-14	26.9	41.1		_ E _				

 $<sup>^{11}</sup>$  This tool can only be operated in combination with the HK32-002 Powerig $^{\odot}$  and the HS-10-MCE hose set.

### Domed head

# Type Magna-Bulb®

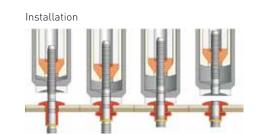
#### Material

Body: Steel Mandrel: Steel

Surface: Zinc-plated with clear chromate

Tools see pages 18 – 21

Other rivet diameters 7.9 mm (3.8 to 6.4 mm) and other grip ranges of the below-mentioned types are available upon request



### 3-D Daten: http://kvt.partcommunity.com

NOM fas-	<u> </u>	Order description	Body length	Rivet length			**************************************	<b>√</b> ₩	Installa	tion
teners Ø		uescription	D max.	E max.				<i> →T</i>	Setting tool	Pulling head
							[N]	[N]	Pneu./Hydr.	
	2.2 - 3.8	MBP-R6-M3	9.91	17.1		D 2,57 MAX				
4.8	3.2 – 4.8	MBP-R6-M4	10.90	17.7						
Upon	4.2 - 5.8	MBP-R6-M5	11.89	18.6	4.9 – 5.1	9,78 MAX	4.890	7.560	2025L/2480L <sup>1)</sup> LH-224/ 202V	99-3303L 99-3303 99-3303
re- quest!	5.2 - 6.8	MBP-R6-M6	12.90	19.7		4,8 NOM				
	7.2 – 8.8	MBP-R6-M8	14.91	21.7		_ E				
	1.5 – 3.5	MBP-R8-M2	11.48	19.3						
	2.8 - 4.8	MBP-R8-M3	12.75	21.9		_ D 3,18 MAX				
	3.8 - 5.8	MBP-R8-M4	13.77	23.9		3,18 WAX				
6.4	5.8 - 7.8	MBP-R8-M6	15.77	23.9			0.000	1/010	00051 (0.4001 1)	00 00051
6.4	7.8 – 9.8	MBP-R8-M8	17.78	25.9	6.6 – 6.9	13,46 MAX	8.900	16.010	2025L/2480L <sup>1)</sup> LH-224/	99-3305L 99-3305
	8.8 – 10.8	MBP-R8-M9	18.77	26.9	-	6,4 NOM			202V	99-3305
	10.8 – 12.8	MBP-R8-M11	20.78	28.9						
	12.8 – 14.8	MBP-R8-M13	22.78	30.9						

 $<sup>^{1)}</sup>$  This tool can only be operated in combination with the HK32-002 Powerig $^{\odot}$  and the HS-10-MCE hose set.

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# Domed head



# Type Auto-Bulb®

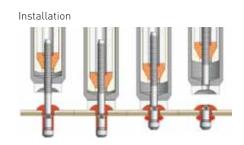
#### Material

Body: Steel Mandrel: Steel

Surface: Zinc-plated with clear chromate

Tools see pages 18 – 21

Futher grip ranges upon request



NOM	<b>\</b>	Order	Rivet			<b>↑</b>	. ZŹŹ ZZZ	Installa	tion
fas- teners Ø		description	length D max.					Setting tool	Pulling head
						[N]	[N]	Pneu./Hydr.	
	2.2 - 3.8	ABP-R6-M3	12.95						
	3.2 - 4.8	ABP-R6-M4	13.97		D2,57 MAX				
4.8	4.2 - 5.8	ABP-R6-M5	14.96						
Upon	5.2 - 6.8	ABP-R6-M6	15.98	4.9 – 5.1	9,53 MAX	3.780	5.340	2025L/2480L1)	99-3303L
request!	6.2 - 7.8	ABP-R6-M7	16.97		•			LH-224/ 202V	99-3303 99-3303
	7.2 – 8.8	ABP-R6-M8	17.98		4,8 NOM				
	8.2 - 9.8	ABP-R8-M9	18.97						
	2.8 - 4.8	ABP-R8-M3	17.09						
	3.8 - 5.8	ABP-R8-M4	18.11		D 2,84 MAX				
	4.8 - 6.8	ABP-R8-M5	19.10	4.5.4.0	10001404	F 400	11 550	00051 (0 (001 4)	00 00051
6.4	5.8 - 7.8	ABP-R8-M6	20.12	6.7 – 6.9	13,00 MAX	7.120	11.570	2025L/2480L1) LH-224/	99-3305L 99-3305
	6.8 - 8.8	ABP-R8-M7	21.11		6.4 NOM			202V	99-3305
	7.8 - 9.8	ABP-R8-M8	22.12						

 $<sup>^{11}</sup>$  This tool can only be operated in combination with the HK32-002 Powerig $^{\odot}$  and the HS-10-MCE hose set.

# Collar head

# Type BOM®

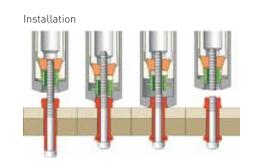
### Material

Body: Steel, Zinc-plated, with wax film

Mandrel: Steel, black, oiled

Tools see pages 18 – 21

Further diameters (4.8 mm, 12.7 mm, 15.9 mm, 19.1 mm) and grip ranges upon request



# 3-D Daten: http://kvt.partcommunity.com

NOM fas-	<b>J</b>	Order	Body	Rivet			<b>A</b>		Installation	
teners Ø		description	length D max.	length E max.	<b>→</b>				Setting tool	Pulling head
							[N]	[N]	Pneu./Hydr.	
6.4	4.0 - 5.6	BOM-R8-3	13.28	17.32	7.0 - 7.4	5,72 MAX 5,72 MAX 6,4 NOM 9,65 MAX E	14.460	22.690	255/2580 <sup>1)</sup>	99-830-1
	5.6 - 7.2	B0M-R8-4	14.86	18.92						
	7.2 – 8.8	B0M-R8-5	16.46	20.50						
	8.8 – 10.3	B0M-R8-6	18.03	22.10						
7.9	4.8 - 7.9	B0M-R10-4	17.65	22.23	8.8 - 9.4	7,06 MAX 7,9 NOM 12,14 MAX E	23.130	35.810	/2580 <sup>1)</sup>	99-769
	7.9 – 11.1	B0M-R10-6	20.83	25.40						
	11.1 – 14.3	B0M-R10-8	24.00	28.58						
	14.3 – 17.5	B0M-R10-10	27.18	31.75						
9.5	4.8 - 7.9	B0M-R12-4	19.46	24.61						
	7.9 – 11.1	B0M-R12-6	22.63	27.79	10.5 – 11.0	9,5 NOM 14,30 MAX	32.250	49.380	/2580 <sup>11</sup>	99-1272
	11.1 – 14.3	B0M-R12-8	25.81	30.96						
	14.3 – 17.5	BOM-R12-10	28.98	34.14						
	17.5 – 20.6	B0M-R12-12	32.16	37.31						

 $<sup>^{1)}</sup>$  This tool can only be operated in combination with the HK32-002 Powerig  $^{\!\odot}$  and the HS-10-MCE hose set.

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Overwiev



				operated in combination with the HK32-002 Powerig® and the HS-10-MCE hose set.			
	NOM	202V	LH-224	255	2025 L/LB	2480 L	2581
	fasteners Ø	Pulling head	Pulling head	Pulling head	Pulling head	Pulling head	Pulling head
	4.8	99-3303	99-3303		99-3303 L	99-3303 L	
Magna-Lok®	6.4	99-3305	99-3305		99-3305 L	99-3305 L	
	9.5			99-3318			99-3329
Huck-Lok™	6.4	99-3305	99-3305		99-3305 L	99-3305 L	
	4.8	99-3303	99-3303		99-3303 L	99-3303 L	
Magna-Bulb®	6.4	99-3305	99-3305		99-3305 L	99-3305 L	
	7.9			99-3307			99-3307
Auto Dulle®	4.8	99-3303	99-3303		99-3303 L	99-3303 L	
Auto-Bulb®	6.4	99-3305	99-3305		99-3305 L	99-3305 L	
	6.4			99-830-1			99-830-1
B0M®	7.9						99-769
	9.5						99-1272

### 202V

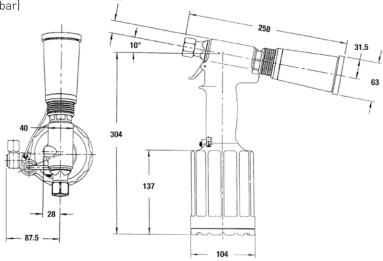
### Pneumatic with vacuum system

Weight: 2.3 kg Air pressure: 5.5 to 6.9 bar

Tensile force: 17.3 kN (at 6.2 bar)

Max. power stroke: 18.9 mm 244 l/min at Air consumption:

30 cycles/min



# LH-224

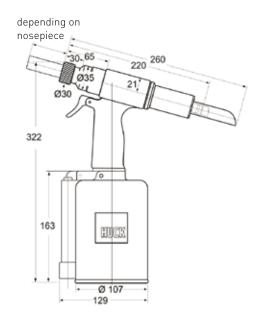
# Pneumatic

Weight: 2,8 kg 6,2 to 6,9 bar Air pressure: 19 kN (at 6,2 bar) Tensile force:

Max. power stroke: 21 mm

The tool is also available with a mandrel collection container under the designation

"LH-244 B" (without picture).



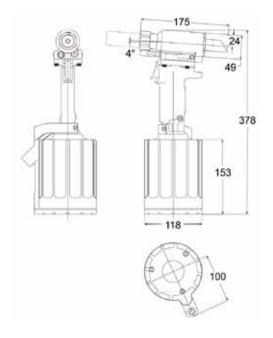
# 255

### **Pneumatic**

Weight: 4 kg

Air pressure: 6.2 to 6.9 bar Tensile force: 34.5 kN (at 6.2 bar)

Max. power stroke: 15.9 mm



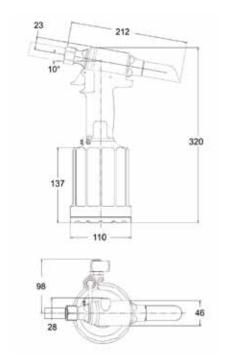
### 2025 L

### Pneumatic

Weight: 2.6 kg
Air pressure: 6.2 to 7.6 bar
Tensile force: 19 kN (at 6.2 bar)

Max. power stroke: 17 mm Air consumption: 1.3 l/stroke

The tool can also be supplied with a mandrel collection container under the designation "LH-244 B" (without picture).



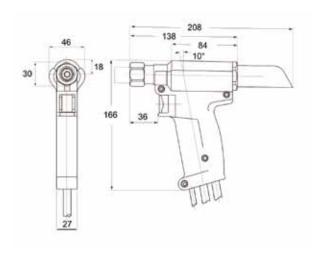
### 2480L

# Hydraulic

Weight: 1.0 kg

Tensile force: 25.4 kN (bei 580 bar)

Max. power stroke: 20.6 mm Power stroke: 580 bar Return stroke: 220 bar



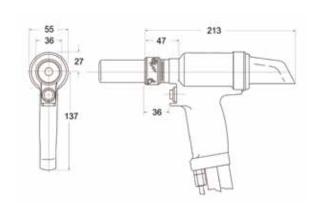
### 2581

# Hydraulic

Weight: 2,49 kg

Tensile force: 47.6 kN (at 510 bar)

Max. power stroke: 24 mm Power stroke: 510 bar Return stroke: 220 bar



# HK32-002 Powerig®

# Hydraulic-aggregate

Max. force pressure: 600 bar Max. return stroke: 300 bar

Dimensions: 540 x 470 x 565 mm (LxWxH) Connection: 50 Hz, 3 x 220V, 3 x 400V

Motor: 2.2 kW



# KVT-Fastening - Fastening technology



Blind rivet nuts



Blind rivet technology



Thread inserts



Self-clinching fasteners



Stud welding systems 13



Lock nuts



Bonding fasteners



Access solutions



Quick fastening elements and clips



Quick release pins and spring plungers



Adhesives and sealants 1)



Construction fasteners 2]



Special processes 2]



Plugs



Pressure intensifiers 3]



Installation technology Quick connectors 4)



### Fastening, sealing and flow control solutions for complex applications

The extensive KVT-Fastening portfolio offers optimal solutions for your most challenging applications. The products included in this catalog represent only a selection from our entire product portfolio. Upon request, we will be pleased to provide additional information or an individual consultation to you.

# Intelligent logistic systems

Bossard SmartBin and SmartLabel are intelligent logistics systems which monitor stock with total reliability and ensure stock replenishment automatically. An online system transmits the data to our server, and this - if necessary triggers an order. These systems ensure quick and easy availability of C-parts while production is running.



Logistic systems

### Competent analysis for efficient solutions

KVT-Fastening's highly qualified experts analyze the given task at hand. Based on this sound understanding of the project, they then develop ideal solutions that are economical, efficient, and safe.



Solutioneering

For more information about our range of products and order at our E-shop, please visit www.kvt-fastening.com

<sup>&</sup>lt;sup>1)</sup> Not available in Germany. <sup>2)</sup> Only available in Switzerland. <sup>3)</sup> Not available in Switzerland. <sup>4)</sup> Not available in Austria.

www.kvt-fastening.ch KVT-Fastening S.R.L.

**KVT-Fastening GmbH** București | Romania Illerrieden | Germany Tel: +40 37 1381155 Tel: +49 7306 782 - 0 info-RO@kvt-fastening.com info-DE@kvt-fastening.com www.kvt-fastening.ro

KVT-Fastening spol. s.r.o. **KVT-Fastening GmbH** Bratislava | Slovakia Linz/Pichling | Austria

Tel: +421 9 11102510 info-SK@kvt-fastening.com www.kvt-fastening.sk

KVT-Fastening Sp. z o.o. KVT-Tehnika pritrjevanja d.o.o. Radom | Poland

Ljubljana | Slovenia Tel: +386 1 2808019 info-SI@kvt-fastening.com www.kvt-fastening.si

KVT-Fastening s.r.o.

Brno | Czech Republic Tel: +420 547 125200201 info-CZ@kvt-fastening.com www.kvt-fastening.cz

KVT-Fastening Kft.

Budapest | Hungary Tel: +36 1 769 0925 info-HU@kvt-fastening.com www.kvt-fastening.hu



**KVT-Fastening** 

www.kvt-fastening.com

www.kvt-fastening.de

Tel: +43 732 25 77 00

www.kvt-fastening.at

info-AT@kvt-fastening.com









