



Hidrolik Fittings Kataloğu
Hydraulic Fittings Catalog

İçindekiler

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01-08

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1888-1894



1888-1894

1895-1900



1895-1900

1901-1906



1901-1906

1907-1912



1907-1912

1913-1918



1913-1918

1919-1924



1919-1924

1925-1930



1925-1930

1931-1936



1931-1936

1937-1942



1937-1942

1943-1948



1943-1948

1949-1954



1949-1954

1955-1960



1955-1960

1961-1966



1961-1966

1967-1972



1967-1972

1973-1978



1973-1978

1979-1984



1979-1984

1985-1990



1985-1990

1991-1996



1991-1996

1997-2002



1997-2002

2003-2008



2003-2008

2009-2014



2009-2014

2015-2020



2015-2020

2021-2026



2021-2026

2027-2032



2027-2032

2033-2038



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<p>MR200-4 </p>  <p>Hyundai MR200-4</p>	<p>MR200 </p>  <p>Hyundai MR200</p>	<p>MR200-4 </p>  <p>Hyundai MR200-4</p>	<p>MR200 </p>  <p>Hyundai MR200</p>
<p>MR220 </p>  <p>Hyundai MR220</p>	<p>MR220-4 </p>  <p>Hyundai MR220-4</p>	<p>MR220-4 </p>  <p>Hyundai MR220-4</p>	<p>MR220-4 </p>  <p>Hyundai MR220-4</p>
<p>MR250 </p>  <p>Hyundai MR250</p>	<p>MR250 </p>  <p>Hyundai MR250</p>	<p>MR250 </p>  <p>Hyundai MR250</p>	<p>MR250 </p>  <p>Hyundai MR250</p>
<p>MR260-4 </p>  <p>Hyundai MR260-4</p>	<p>MR260 </p>  <p>Hyundai MR260</p>	<p>MR260 </p>  <p>Hyundai MR260</p>	<p>MR260-4 </p>  <p>Hyundai MR260-4</p>
<p>MR270-4 </p>  <p>Hyundai MR270-4</p>	<p>MR270 </p>  <p>Hyundai MR270</p>	<p>MR270 </p>  <p>Hyundai MR270</p>	<p>MR270 </p>  <p>Hyundai MR270</p>
<p>MR280 </p>  <p>Hyundai MR280</p>	<p>MR280 </p>  <p>Hyundai MR280</p>	<p>MR280 </p>  <p>Hyundai MR280</p>	<p>MR280 </p>  <p>Hyundai MR280</p>
<p>MR290 </p>  <p>Hyundai MR290</p>	<p>MR290 </p>  <p>Hyundai MR290</p>	<p>MR290 </p>  <p>Hyundai MR290</p>	<p>MR290 </p>  <p>Hyundai MR290</p>

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EPSON



Epson® 600 Page 101

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Epson® 600 Page 101

EPSON



Epson® 600 Page 101

Small Printer
General Information

Epson® 600 Page 101

Product Name:
Model:
EPSON Stylus 600 Printer
Model Name:
EPSON Stylus 600 Printer
Model Name:
EPSON Stylus 600 Printer
Model Name:
EPSON Stylus 600 Printer
Model Name:
EPSON Stylus 600 Printer

General Product Support Information

Product Name:
Model:
EPSON Stylus 600 Printer
Model Name:
EPSON Stylus 600 Printer
Model Name:
EPSON Stylus 600 Printer
Model Name:
EPSON Stylus 600 Printer

Epson® Stylus 600 Printer Support Information

Product Name:
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EPSON Stylus 600 Printer

Epson® Stylus 600 Printer Support Information

Product Name:
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EPSON Stylus 600 Printer
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EPSON Stylus 600 Printer
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EPSON Stylus 600 Printer

Identify/Explain/Classify Different Types of

Methods for the Investigation/Study of Learning

Investigating students' learning processes

- Interviews
- Think-aloud protocols
- Direct observation
- Case reports/qualitative research (case study)
- Questionnaires

The process of investigating learning can involve collecting

- Quantitative data
- Qualitative data
- Mixed data (mixed)
- Psychological data (theory, abstract) or behavioral data (e.g., test results)

How Different Psychological Theories about Mental Skills Form an Epistemological

General Theoretical Framework and Explanations about the Flow of Learning

How different psychological theories about learning are

underpinned

- Behavior learning
- ERP/ERP-like theory
- ERP/ERP-like theory
- ERP/ERP-like theory (ERP)

In general, stages of theories are underpinned by

theories

- Behavior learning theory
- ERP/ERP-like theory
- ERP/ERP-like theory
- ERP/ERP-like theory (ERP)

Methods for the Investigation/Study of Learning

How different types of data are used for the investigation of learning processes (e.g., qualitative/quantitative research)

How different types of data are used for the investigation of learning processes (e.g., qualitative/quantitative research)

ERP/ERP-like Theory / ERP/ERP-like Theory

ERP/ERP-like theory focuses on the process of learning and is based on the idea of learning as a process of knowledge acquisition (e.g., ERP/ERP-like theory)

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NPT - Size 1/2" / NPT Type Threads

NPT represents the **National Pipe Tapered** thread which will allow you to take advantage of the **highly developed** and **well known** standards for **steel and NPT type threaded** parts. A **standard** and **well known** design, they are available for **both the mounting and operation**. **NPT** type for **hydraulic systems** offers **well known** **standard** **design** **systems** **available** **for** **both** **mounting** **and** **operation**.

Standard **steel** **threaded** **flange** **type** **connections**, **other** **such** **as** **steel** **connections** **offer** **easy** **connections**.

NPT threads **achieve** **high** **strength**. **Standard** **thread** **between** **the** **flange** **threads** **allow** **easy** **mounting** **of** **all** **flange** **mounting** **connections** **to** **be** **used** **to** **fit** **the** **port** **between** **the** **flange** **threads**. **NPT** **type** **threads** **provide** **easy** **mounting** **to** **a** **flange** **mounting** **connection** **between** **the** **flange** **threads**.

When **the** **NPT** **type** **threads** **are** **used** **to** **mount** **a** **flange** **mounting** **to** **the** **NPT** **type** **mounting** **ports** **on** **your** **unit**, **NPT** **type** **of** **only** **available** **for** **these** **units**.

1/2" - Size 1/2" / NPT Type Threads

1/2" NPT **type** **threads** **are** **used** **to** **mount** **to** **the** **flange** **threads** **of** **the** **flange** **mounting** **ports**. **1/2" NPT** **type** **threads** **achieve** **high** **strength** **and** **are** **used** **to** **mount** **to** **the** **flange** **threads** **of** **the** **flange** **mounting** **ports**.

1/2" NPT **type** **threads** **are** **used** **to** **mount** **to** **the** **flange** **threads** **of** **the** **flange** **mounting** **ports**. **1/2" NPT** **type** **threads** **achieve** **high** **strength** **and** **are** **used** **to** **mount** **to** **the** **flange** **threads** **of** **the** **flange** **mounting** **ports**. **1/2" NPT** **type** **threads** **achieve** **high** **strength** **and** **are** **used** **to** **mount** **to** **the** **flange** **threads** **of** **the** **flange** **mounting** **ports**.

According **to** **standard** **flange** **type** **connections**, **other** **such** **as** **steel** **connections** **offer** **easy** **connections**.

Standard **1/2" NPT** **type** **threads** **achieve** **high** **strength** **and** **are** **used** **to** **mount** **to** **the** **flange** **threads** **of** **the** **flange** **mounting** **ports**. **1/2" NPT** **type** **threads** **achieve** **high** **strength** **and** **are** **used** **to** **mount** **to** **the** **flange** **threads** **of** **the** **flange** **mounting** **ports**.

When **the** **1/2" NPT** **type** **threads** **are** **used** **to** **mount** **a** **flange** **mounting** **to** **the** **flange** **threads** **of** **the** **flange** **mounting** **ports**, **the** **flange** **mounting** **to** **the** **flange** **threads** **of** **the** **flange** **mounting** **ports** **is** **achieved** **using** **an** **easy** **connection**.



High Railways Trackbed vs High Railways Trackbed Single Layer

High-Railways Trackbed and Single Layer Construction Technical Dimensioning List



Technical Drawing

Technical Dimensioning List of High Railways Trackbed

Technical Dimensioning List of High Railways Trackbed

Trackbed	Layer	Concrete Layer Thickness	Joint Spacing	mm	mm	mm	mm	mm
L1	100	10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
L2	100	10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
	100	10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
L3	100	10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
	100	10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10
		10	1000	10	10	10	10	10

Blind Rejuvenation System vs Blind Rejuvenation System Blind Channel
 Blind Channel System and Full Face System with Full Face Blind Channel System



Blind Channel System

Technical specifications Blind Channel system
 (Metric and Imperial Dimensions) (mm)

Top Flange	Blind	Blind Channel System	Blind Channel System	100	100	100	100	100		
100	100	100	100	100	100	100	100	100		
		100	100	100	100	100	100	100		
		100	100	100	100	100	100	100		
100	100	100	100	100	100	100	100	100		
		100	100	100	100	100	100	100		
		100	100	100	100	100	100	100		
		100	100	100	100	100	100	100		
		100	100	100	100	100	100	100		
		100	100	100	100	100	100	100		
	100	100	100	100	100	100	100	100	100	
			100	100	100	100	100	100	100	
			100	100	100	100	100	100	100	
		100	100	100	100	100	100	100	100	100
				100	100	100	100	100	100	100
				100	100	100	100	100	100	100

Specify Route / Ordering Code



Specify Route Group / Ordering Code Example



7071 Standard / 71071 Standard II

R1 - 5N

Reel No. Part Number	Platform by Gauge (Reel Width - Diameter)		Reel Diameter (mm)		
	Code	Size	1001	1002	11
100-01-01	600"	6	17	10.5	26
100-01-02	1.00"	8	20	7.5	28
100-01-03	600"	8	20	10.5	28
100-01-04	600"	10	24	10	30
100-01-05	1.00"	12	28	11	32
100-10-01	600"	10	24	10.5	28
100-10-02	600"	20	28	10	28
100-10-03	1"	20	34	10	40
100-20-01	600"	10	24.5	10	28
100-20-02	600"	10	28	10	28
100-20-03	2"	10	17.5	10.5	22
100-40-01	200"	10	18	10.5	22
100-40-02	0"	10	10.5	10.5	22



NOTE: Reel width varies by model and gauge. Refer to the following table for more information.

Reel Width (mm)

Reel width varies by model and gauge. Refer to the following table for more information. Reel width varies by model and gauge. Refer to the following table for more information.

Maxim (Subst) R2 / SN
Maxim Formula R2 / SN

R2 - SN

Rod No. (Part Number)	Maxim (g) Cap (Maximum Capacity)		Liquid Displacement (mm)		
	Size	Type	100°C	150°C	200°C
102-01-01	100"	8	21	11.5	20
102-01-03	100"	8	24	11.7	20
102-01-06	100"	10	26	11.9	22
102-01-08	100"	12	28	12	22
102-01-09	100"	15	30	12	22
102-01-07	100"	20	37	12.5	27
102-01-08	1"	25	48	16	30
102-01-08	1"1/4	30	55.5	16.5	30
102-01-02	1"1/2	40	67	16	30
102-01-09	2"	50	79.5	16	30
102-01-08	2"1/2	60	89	16.5	30
102-01-100	3"	75	107.5	17.5	35

R2 Series / SN Series



NOTES: **1. Maxim Rods are made of high-purity titanium.**

2. All dimensions are in millimeters unless otherwise noted.

Maxim (Subst) R2 / SN

Maxim Formula R2 / SN

Maxim (Subst) R2 / SN

Maxim Formula R2 / SN

Maxim (Subst) R2 / SN

R2 - SN

R2-SN Started / 100-S Started

Part No. Part Number	Maximum Lip Gaps Maximum Blade Thickness		Blade Spacing (mm) Blade Spacing (inch)		
	Top	Bottom	200	210	21
100-R-0-00	1/8"	0	20	19	20
100-R-0-01	1/8"	0	20	18.5	20.5
100-R-0-02	1/8"	1/16"	20	18	20
100-R-0-03	1/4"	1/16"	20	17	20
100-R-10-01	1/8"	1/16"	20	20	20
100-R-12-00	1/8"	2/16"	20	19.5	20
100-R-18-00	1"	2/16"	20	19.5	19



Fig. 24. Blade Spacing by Blade Spacing Reference

Note: 1" = 25.4mm; 1/16" = 1.5875mm; 1/8" = 3.175mm

Blade Spacing

Blade Spacing is the distance between blades.

Blade Spacing (mm) = Blade Spacing (inch) x 25.4

Blade Spacing (inch) = Blade Spacing (mm) / 25.4

Blade Spacing (mm)

Marlex® (Excell) 45H / R9

Moisture Permeability: 600%/ 88"

45H / R9

Roll Size Part Number	Minimum Lip Size (Roll Inside Diameter)		Layer Thickness (mil) (Minimum to 1000)		
	Outer	Inner	CLL	LLR	LLI
102-16-00	3"	24"	60	300	60
102-20-00	4" x 6"	30"	60	44	70
102-20-02	4" x 6"	40"	60	71	70
102-22-00	4"	30"	70	300	60

102-20-00, 102-20-02, 102-22-00



NOTE: Marlex® is a trademark registered trademark of

ExxonMobil Chemical Company. © 2014 ExxonMobil Chemical Company

Additional Information:

Moisture Permeability: 600%/ 88" (Marlex® is a trademark registered trademark of ExxonMobil Chemical Company)

Excell® is a registered trademark of ExxonMobil Chemical Company

© 2014 ExxonMobil Chemical Company

MOORE INDUSTRIES

TMA Series of TMA Series

4SP - R9

Part No. Part Number	Medium Duty Caps (New Design Available)		Braid System (mm)		
	Core	Sh	2.50	3.00	3.5
100-01-00	100	10	20	14	10
100-01-01	100	12	20	17.5	10
100-01-02	100	15	20	20.5	10
100-01-03	100	20	20	24.5	10
100-01-04	100	25	20	28.5	10
100-01-05	110	10	18	13	10
100-01-06	110	15	18	16	10
100-01-07	120	10	18	14.5	10



REINTEC is available in various languages upon request.
 Note: These products will be finished by painting the
 outer surface of the core.

REINTEC Product
 Made in Japan / Made in Thailand / Made in
 Thailand / Made in China / Made in Korea /
 Made in Taiwan / Made in
 Made in USA

Mini Trench Reamer Tip Select

Moore Formula R13 / R15

R13 - R15

Tool Size Part Number	Marking by Edge mm / inch / diameter		Reamer Diameter (mm)		
	Size	Dia	R13	R15	L1
100-18-08	1"	25	48	50	50
100-20-08	1 1/8"	32	50	50	50
100-24-07	1 1/2"	38	57	58	58
100-32-05	2"	50	65	70	70

100 is 100mm and 100 is 100mm



NOTE: An accurate surface geometry requires an accurate
 chamfer. Chamfer should not be omitted by grinding the chamfer
 corners off the tool.

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Teflon Soket

1006 Soket / 106 Soket / 106 Soket / 106 Soket

Kod No. Part Number	Pilih dan Gigit (Pilih dan Gigit)		Bentuk Dimensi (mm)	
	Ø	Ø ₁	Ø	L
106-01-10	10/10	10	10	20
106-01-12	12/12	12	12	20
106-01-16	16/16	16	16	20
106-01-18	18/18	18	18	20
106-01-20	20/20	20	20	20
106-10-27	27/27	27	27	20
106-10-30	30/30	30	30	20
106-10-32	32/32	32	32	20



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Sae Sekt

Thread Formulas

Sae Sekt

177 Series / 177 Series

Part No. <i>(Part Number)</i>	Metric Eq. Size <i>(Metric Size Equivalent)</i>		Major Diameter (mm) <i>(Nominal Size)</i>	
	Size	Class	Ø D	L
177-01	M6		6	17
177-02	M8		8	17
177-03	M10		10	17
177-07	M6		6	19
177-08	M8		8	19
177-09	M10		10	19
177-10	M8		8	20
177-11	M10		10	20
177-12	M8		8	25
177-13	M10		10	25
177-14	M6		6	25
177-15	M8		8	25
177-16	M10		10	25
177-17	M6		6	28
177-18	M8		8	28
177-19	M10		10	28
177-20	M6		6	30
177-21	M8		8	30
177-22	M10		10	30
177-23	M6		6	32
177-24	M8		8	32
177-25	M10		10	32
177-27	M6		6	35
177-28	M8		8	35



UNION BRAND
177 Series / 177 Series
177 Series / 177 Series

UNION BRAND
177 Series / 177 Series
177 Series / 177 Series

Buhar Soketi

Buhar Soketi / Steam Fittings

Kod No Part Number	Mantolun İç Çapı Inner Inside Diameter		Mantolun Dış Çapı Outer Outside Diameter		
	Çap Size	mm	Ø D1	Ø D2	L1
100-01-01	1/2"	12	16	24,5	16
100-02-01	3/4"	19	25	32,5	16
100-03-01	1"	25	32	40	16
100-04-01	1 1/2"	38	45	52,5	16
100-05-01	2"	51	60	67,5	16
100-06-01	2 1/2"	64	75	82,5	16


Notlar / Notes

Mantolun dış çapı 100-01-01 kodlu parçaya göre belirlenmiştir.

Inner outside diameter is determined according to the part code 100-01-01.

Outer diameter is determined according to the part code 100-01-01.


Drawing: 100-01-01.dwg


RT-RR (Roller)

Mount Formula: RT-RR

RT-RR

Roller Part Number	Mounting Spacing (Roller Spacing Distance)		Mount System (mm)		
	Top	Roll	Roller	Roller	LT
1026-26-01	1000	6	16	100	20
1026-26-17	1000	6	17	10	20
1026-26-22	1000	6	22	10.7	20
1026-26-23	1000	6	23	11	20
1026-26-26	1000	12	26	20	20
1026-26-28	1000	12	28	20.7	20





1026 Series Rollers / RT-RR Series Rollers

Mounting Formula:

Mounting Spacing: $1000 + (Roller\ Spacing\ Distance) \times (Number\ of\ Rollers - 1)$

Roller Spacing Distance: $Roller\ Spacing\ Distance \times (Number\ of\ Rollers - 1)$

Roller Spacing Distance: $Roller\ Spacing\ Distance \times (Number\ of\ Rollers - 1)$

Roller Spacing Distance: $Roller\ Spacing\ Distance \times (Number\ of\ Rollers - 1)$

Metrik 24° Tip L

TMO Saeftal / TMO Sawtooth

Part No. Part Number	Hex Shank Depth (mm / Inch)		Hex Diameter (mm / In)		Overall Dimensions (mm / Inch)			
	Size	In	Female	Male	L1	L2 (L)	T	R (R)
110-24-01	600	6	M12x19	M6	275	100	14	44.5
110-24-02	600	6	M12x19	M6	275	100	17	44.5
110-24-03	600	6	M12x19	M6	275	100	17	44.5
110-24-04	600	6	M12x19	M6	275	100	17	44.5
110-24-05	600	6	M12x19	M6	280	100	19	44.5
110-24-07	600	6	M12x19	M6	280	100	20	44.5
110-24-08	600	6	M12x19	M6	280	100	19	44.5
110-24-09	600	6	M12x19	M6	275	100	19	44.5
110-24-10	600	6	M12x19	M6	275	100	20	44.5
110-24-11	600	6	M12x19	M6	275	100	20	44.5
110-24-12	600	6	M12x19	M6	275	100	20	44.5
110-24-13	600	6	M12x19	M6	275	100	20	44.5
110-24-14	600	6	M12x19	M6	280	100	20	44.5
110-24-15	600	6	M12x19	M6	280	100	20	44.5
110-24-16	600	6	M12x19	M6	280	100	20	44.5
110-24-17	600	6	M12x19	M6	280	100	20	44.5
110-24-18	600	6	M12x19	M6	280	100	20	44.5
110-24-19	600	6	M12x19	M6	280	100	20	44.5
110-24-20	600	6	M12x19	M6	280	100	20	44.5
110-24-21	600	6	M12x19	M6	280	100	20	44.5
110-24-22	600	6	M12x19	M6	280	100	20	44.5
110-24-23	600	6	M12x19	M6	280	100	20	44.5
110-24-24	600	6	M12x19	M6	280	100	20	44.5
110-24-25	600	6	M12x19	M6	280	100	20	44.5
110-24-26	600	6	M12x19	M6	280	100	20	44.5
110-24-27	600	6	M12x19	M6	280	100	20	44.5
110-24-28	600	6	M12x19	M6	280	100	20	44.5
110-24-29	600	6	M12x19	M6	280	100	20	44.5
110-24-30	600	6	M12x19	M6	280	100	20	44.5
110-24-31	600	6	M12x19	M6	280	100	20	44.5
110-24-32	600	6	M12x19	M6	280	100	20	44.5
110-24-33	600	6	M12x19	M6	280	100	20	44.5
110-24-34	600	6	M12x19	M6	280	100	20	44.5
110-24-35	600	6	M12x19	M6	280	100	20	44.5
110-24-36	600	6	M12x19	M6	280	100	20	44.5
110-24-37	600	6	M12x19	M6	280	100	20	44.5
110-24-38	600	6	M12x19	M6	280	100	20	44.5
110-24-39	600	6	M12x19	M6	280	100	20	44.5
110-24-40	600	6	M12x19	M6	280	100	20	44.5
110-24-41	600	6	M12x19	M6	280	100	20	44.5
110-24-42	600	6	M12x19	M6	280	100	20	44.5
110-24-43	600	6	M12x19	M6	280	100	20	44.5
110-24-44	600	6	M12x19	M6	280	100	20	44.5
110-24-45	600	6	M12x19	M6	280	100	20	44.5
110-24-46	600	6	M12x19	M6	280	100	20	44.5
110-24-47	600	6	M12x19	M6	280	100	20	44.5
110-24-48	600	6	M12x19	M6	280	100	20	44.5
110-24-49	600	6	M12x19	M6	280	100	20	44.5
110-24-50	600	6	M12x19	M6	280	100	20	44.5
110-24-51	600	6	M12x19	M6	280	100	20	44.5
110-24-52	600	6	M12x19	M6	280	100	20	44.5
110-24-53	600	6	M12x19	M6	280	100	20	44.5
110-24-54	600	6	M12x19	M6	280	100	20	44.5
110-24-55	600	6	M12x19	M6	280	100	20	44.5
110-24-56	600	6	M12x19	M6	280	100	20	44.5
110-24-57	600	6	M12x19	M6	280	100	20	44.5
110-24-58	600	6	M12x19	M6	280	100	20	44.5
110-24-59	600	6	M12x19	M6	280	100	20	44.5
110-24-60	600	6	M12x19	M6	280	100	20	44.5
110-24-61	600	6	M12x19	M6	280	100	20	44.5
110-24-62	600	6	M12x19	M6	280	100	20	44.5
110-24-63	600	6	M12x19	M6	280	100	20	44.5
110-24-64	600	6	M12x19	M6	280	100	20	44.5
110-24-65	600	6	M12x19	M6	280	100	20	44.5
110-24-66	600	6	M12x19	M6	280	100	20	44.5
110-24-67	600	6	M12x19	M6	280	100	20	44.5
110-24-68	600	6	M12x19	M6	280	100	20	44.5
110-24-69	600	6	M12x19	M6	280	100	20	44.5
110-24-70	600	6	M12x19	M6	280	100	20	44.5
110-24-71	600	6	M12x19	M6	280	100	20	44.5
110-24-72	600	6	M12x19	M6	280	100	20	44.5
110-24-73	600	6	M12x19	M6	280	100	20	44.5
110-24-74	600	6	M12x19	M6	280	100	20	44.5
110-24-75	600	6	M12x19	M6	280	100	20	44.5
110-24-76	600	6	M12x19	M6	280	100	20	44.5
110-24-77	600	6	M12x19	M6	280	100	20	44.5
110-24-78	600	6	M12x19	M6	280	100	20	44.5
110-24-79	600	6	M12x19	M6	280	100	20	44.5
110-24-80	600	6	M12x19	M6	280	100	20	44.5
110-24-81	600	6	M12x19	M6	280	100	20	44.5
110-24-82	600	6	M12x19	M6	280	100	20	44.5
110-24-83	600	6	M12x19	M6	280	100	20	44.5
110-24-84	600	6	M12x19	M6	280	100	20	44.5
110-24-85	600	6	M12x19	M6	280	100	20	44.5
110-24-86	600	6	M12x19	M6	280	100	20	44.5
110-24-87	600	6	M12x19	M6	280	100	20	44.5
110-24-88	600	6	M12x19	M6	280	100	20	44.5
110-24-89	600	6	M12x19	M6	280	100	20	44.5
110-24-90	600	6	M12x19	M6	280	100	20	44.5
110-24-91	600	6	M12x19	M6	280	100	20	44.5
110-24-92	600	6	M12x19	M6	280	100	20	44.5
110-24-93	600	6	M12x19	M6	280	100	20	44.5
110-24-94	600	6	M12x19	M6	280	100	20	44.5
110-24-95	600	6	M12x19	M6	280	100	20	44.5
110-24-96	600	6	M12x19	M6	280	100	20	44.5
110-24-97	600	6	M12x19	M6	280	100	20	44.5
110-24-98	600	6	M12x19	M6	280	100	20	44.5
110-24-99	600	6	M12x19	M6	280	100	20	44.5
110-24-100	600	6	M12x19	M6	280	100	20	44.5



Warning: Always wear eye protection when using this tool. Do not use this tool for purposes other than those intended. Do not use this tool for marking on hard surfaces. Do not use this tool for marking on soft surfaces. Do not use this tool for marking on soft surfaces.

Metrik Formate 24° Vertikal Rotation

24° Metric Formate 24° Steel with 6-Bolt (3-Step)

(Standard - Inch, in)

Metrik 24° Tip L

Metrik Part Number	Rotations Size (Metric)		Key Diameter (Metric)		Bore Diameter (Metric) (Metric)				
	Tip	OH	Thread	d1	d2	d3	d4	d5	d6
171-2-0	M16	9	M16x3	16	23	18	9	16	16.5
171-2-8	M16	9	M16x3	16	23	18	9	17	16.5
171-4-0	M16	9	M16x3	16	23	18	9	17	16.5
171-4-8	M16	9	M16x3	16	23	18	9	17	16.5
171-6-00	M16	9	M16x3	16	23	18	9	18	16.5
171-6-10	M16	9	M16x3	16	23	18	9	20	16.5
171-6-8	M16	9	M16x3	16	23	18	9	18	16.5
171-6-12	M16	9	M16x3	16	23	18	9	18	16.5
171-6-15	M16	9	M16x3	16	23	18	9	20	16.5
171-6-18	M16	9	M16x3	16	23	18	9	18	16.5
171-6-20	M16	9	M16x3	16	23	18	9	20	16.5
171-6-22	M16	9	M16x3	16	23	18	9	20	16.5
171-6-24	M16	9	M16x3	16	23	18	9	20	16.5
171-6-26	M16	9	M16x3	16	23	18	9	20	16.5
171-6-28	M16	9	M16x3	16	23	18	9	20	16.5
171-6-30	M16	9	M16x3	16	23	18	9	20	16.5
171-6-32	M16	9	M16x3	16	23	18	9	20	16.5
171-6-34	M16	9	M16x3	16	23	18	9	20	16.5
171-6-36	M16	9	M16x3	16	23	18	9	20	16.5
171-6-38	M16	9	M16x3	16	23	18	9	20	16.5
171-6-40	M16	9	M16x3	16	23	18	9	20	16.5
171-12-00	M16	12	M16x3	16	30	20	12	20	16.5
171-12-10	M16	12	M16x3	16	30	20	12	20	16.5
171-12-15	M16	12	M16x3	16	30	20	12	20	16.5
171-12-20	M16	12	M16x3	16	30	20	12	20	16.5
171-12-25	M16	12	M16x3	16	30	20	12	20	16.5
171-12-30	M16	12	M16x3	16	30	20	12	20	16.5
171-12-35	M16	12	M16x3	16	30	20	12	20	16.5
171-12-40	M16	12	M16x3	16	30	20	12	20	16.5
171-24-00	M16	24	M16x3	16	47	26	12	20	16.5
171-24-10	M16	24	M16x3	16	47	26	12	20	16.5
171-24-15	M16	24	M16x3	16	47	26	12	20	16.5
171-24-20	M16	24	M16x3	16	47	26	12	20	16.5
171-24-25	M16	24	M16x3	16	47	26	12	20	16.5
171-24-30	M16	24	M16x3	16	47	26	12	20	16.5
171-24-35	M16	24	M16x3	16	47	26	12	20	16.5
171-24-40	M16	24	M16x3	16	47	26	12	20	16.5

24° Standard / 24° Metric



(Standard - Inch, in)
 (Metric - Inch, in)
 (Metric - Inch, in)
 (Metric - Inch, in)
 (Metric - Inch, in)

Matr. 24° Tip L

TIG Sealed / TIG Sealed

Matr. No. Part Number	Mechanical Data Mechanische Daten		Tip Diameter Spitzen		Length / Overall Length Längenangabe in mm				
	Size	OD	Speed	Flg	L1	H	Height	L	Weight
10.2-0-0	10mm	0	W 1000 N	0.5	100	100	0	75	0.025
10.2-0-0	10mm	0	W 1000 N	0.5	100	100	0	77	0.025
10.2-0-0	10mm	0	W 1000 N	0.5	100	100	0	77	0.025
10.2-0-0	10mm	0	W 1000 N	0.5	100	100	0	77	0.025
10.2-0-100	10mm	0	W 1000 N	0.5	100	100	0	100	0.025
10.2-0-12	10mm	0	W 1000 N	0.5	100	100	0	20	0.025
10.2-0-0	10mm	0	W 1000 N	0.5	100	100	0	10	0.025
10.2-0-100	10mm	0	W 1000 N	0.5	100	100	0	10	0.025
10.2-0-12	10mm	0	W 1000 N	0.5	100	100	0	20	0.025
10.2-0-100	10mm	10	W 1000 N	0.5	100	100	0.5	20	0.025
10.2-0-12	10mm	10	W 1000 N	0.5	100	100	0.5	20	0.025
10.2-0-10	10mm	10	W 1000 N	0.5	100	100	0.5	20	0.025
10.2-0-12	10mm	12	W 1000 N	0.5	100	100	0.5	20	0.025
10.2-0-10	10mm	12	W 1000 N	0.5	100	100	0.5	17	0.025
10.2-0-10	10mm	12	W 1000 N	0.5	100	100	0.5	20	0.025
10.2-10-10	10mm	10	W 1000 N	0.5	100	100	0.5	20	0.025
10.2-10-20	10mm	20	W 1000 N	0.5	100	100	0.5	20	0.025
10.2-10-20	10	20	W 1000 N	0.5	100	100	0.5	20	0.025
10.2-20-10	10mm	10	W 1000 N	0.5	100	100	0.5	10	0.025
10.2-20-10	10mm	10	W 1000 N	0.5	100	100	0.5	10	0.025
10.2-20-10	10mm	10	W 1000 N	0.5	100	100	0.5	10	0.025
10.2-20-10	10mm	10	W 1000 N	0.5	100	100	0.5	10	0.025



Waldmann® Markenname

Waldmann® Markenname
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Metrik 24° Metrik: Substrat

Metrik Male 24° Cone (Left)

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Metrik 24° Tip L

Article Part Number	Working Part (see dimensions)		Tip Height (see tip)		Length Adjustment (see dimensions)		
	Code	Type	Female	Male	L1	L200	L
113-0-8	8MP	8	M3x10	8x	20	8	12
113-0-8	8MP	8	M3x10	8x	20	8	12
113-0-8	8MP	8	M3x10	8x	20,5	4	12
113-0-8	8MP	8	M3x10	8x	20,5	4	12
113-0-10	8MP	8	M3x10	8x	20,5	4	17
113-0-12	8MP	4	M3x10	8x	21,5	4	19
113-0-8	8MP	8	M3x10	8x	21,5	8	14
113-0-10	8MP	8	M3x10	8x	21,5	8	17
113-0-12	8MP	8	M3x10	8x	21,5	8	19
113-0-10	8MP	10	M3x10	8x	21,5	10	17
113-0-12	8MP	10	M3x10	8x	21,5	10	19
113-0-16	8MP	10	M3x10	8x	21,5	10	21
113-0-12	8MP	12	M3x10	8x	21,5	12	19
113-0-16	8MP	12	M3x10	8x	21,5	12	21
113-10-10	8MP	10	M3x10	8x	21	10	17
113-10-20	8MP	20	M3x10	8x	21	20	21
113-10-20	7	20	M3x10	8x	21	20	21
113-10-20	7	20	M3x10	8x	21,5	20	21
113-20-16	17MS	12	M3x10	8x	21,5	20	21
113-20-12	17MS	12	M3x10	8x	21,5	20	19
113-20-12	17MS	12	M3x10	8x	21,5	20	19

T13 5er-Teil / T13 5er-Teil



Metrik 24° Metrik

Working part of metric 24° cone (see dimensions)

Working part of metric 24° cone (see dimensions)

Working part of metric 24° cone

Working part of metric 24° cone

T20 Series of T 20 Series

Metrix 24° Tip 5

Part No. Part Number	Housing Size Housing Metric		Tip Length Length		Input/Output (mm) Dimensions at (mm)			
	Tip	24°	Thread	ØD	L1	±0.01	±	±0.005
T20-4-6	16F	6	M16x1.5	65	25.5	±	17	±0.01
T20-4-8	16F	8	M16x1.5	85	25.5	±	19	±0.01
T20-6-1.2	16H	6	M16x1.5	125	26	±	24	±0.015
T20-6-1.6	16H	6	M16x1.5	165	26	±0.5	27	±0.015
T20-6-2.2	16H	6	M16x1.5	205	27	±0.5	24	±0.015
T20-6-3.6	16H	6	M16x1.5	345	27	±0.5	30	±0.02
T20-6-5.2	16H	6	M16x1.5	485	24	±0.5	24	±0.015
T20-6-7.6	16H	6	M16x1.5	625	22	±0.5	20	±0.02
T20-6-10	16H	6	M16x1.5	765	24	±0.5	24	±0.015
T20-10-20	16H	10	M16x2	205	27	±1.0	20	±0.02
T20-12-20	16H	20	M16x2	205	27	±0.5	20	±0.02
T20-12-26	16H	26	M16x2	205	26	±0.5	20	±0.02
T20-16-26	F	26	M16x2	205	26	±0.5	20	±0.02
T20-16-32	F	32	M16x2	205	24	±0.5	20	±0.02
T20-20-32	F16x	32	M16x2	205	26	±0.5	20	±0.02
T20-20-38	F16x	38	M16x2	205	27	±0.5	20	±0.02
T20-20-44	F16x	44	M16x2	205	27	±0.5	20	±0.02



Metrix 24° Tip 5
 Haupt (Standard) - 2020
 Metrix Komplex 24° Cone with 3-Way (Haupt)
 (Standard) - 2020
<http://www.walbritz.com>

Matrîk (Armonia) 22" Pavilion Balkanien

22" Mobile Female 22" Cover with G-Ring (Heavy)
 22x2220 - 22x22.60

Matrîk 24" Tip 5:

Korona Pavilion Number	Mobile Tip Length (mm)		Tip Type Profile	L2	Mount Spacing (mm)				
	Top	OH			L1	H	100	C	1-Panel
120-02-00	120"	0"	W/Flat 5	88	121	15	4	17	121.5
120-03-00	120"	0"	W/Flat 5	88	121	15	4	16	121.5
120-04-00	120"	0"	W/Flat 5	88	121	15	4	24	121.5
120-05-00	120"	14"	W/Flat 5	88	121	24	15	20	121.5
120-06-00	120"	19"	W/Flat 5	88	121	29	15	24	121.5
120-07-00	120"	24"	W/Flat 5	88	121	34	15	24	121.5
120-08-00	120"	29"	W/Flat 5	88	121	39	15	24	121.5
120-09-00	120"	34"	W/Flat 5	88	121	44	15	24	121.5
120-10-00	120"	39"	W/Flat 5	88	121	49	15.5	26	121.5
120-11-00	120"	44"	W/Flat 5	88	121	54	16.5	26	121.5
120-12-00	120"	49"	W/Flat 5	88	121	59	17.5	26	121.5
120-13-00	120"	54"	W/Flat 5	88	121	64	18.5	26	121.5
120-14-00	120"	59"	W/Flat 5	88	121	69	19.5	26	121.5
120-15-00	120"	64"	W/Flat 5	88	121	74	20.5	26	121.5
120-16-00	120"	69"	W/Flat 5	88	121	79	21.5	26	121.5
120-17-00	120"	74"	W/Flat 5	88	121	84	22.5	26	121.5
120-18-00	120"	79"	W/Flat 5	88	121	89	23.5	26	121.5
120-19-00	120"	84"	W/Flat 5	88	121	94	24.5	26	121.5
120-20-00	120"	89"	W/Flat 5	88	121	99	25.5	26	121.5
120-21-00	120"	94"	W/Flat 5	88	121	104	26.5	26	121.5

120 22x2220 / 22x22.60



Matrîk (Armonia) 22" Pavilion

Tip Length (mm) / Mobile Tip Length (mm) / Mobile Tip Length (mm)

Matrîk (Armonia) 22" Pavilion / 22x2220 - 22x22.60

See description 22" Pavilion

Matrîk (Armonia) 22" Pavilion

Metrik 34° Tip 5

30° Sealed / 30° Sealed

Metrik Part Number	Remedia Case (see Remedia Case)		Ring Detail (see Detail)		Sealed Detail (see Sealed Detail)				
	Size	Qty	Inner	OD	W	H	W	H	W
100-10-00	100"	8	400x75	85	30	25	4	17	1000
100-10-00	100"	8	400x75	85	30	24	4	16	1000
100-10-10	100"	8	400x75	100	30	24	5	24	1000-10
100-10-10	100"	10	400x75	100	30	24	5	24	1000-10
100-10-10	100"	10	400x75	100	30	24	5	24	1000-10
100-10-10	100"	10	400x75	100	30	24	5	24	1000
100-10-10	100"	10	400x75	100	30	24	5	24	1000-10
100-10-20	100"	18	400x75	200	30	24	5.5	28	1000
100-10-20	100"	20	400x75	200	30	24	5.5	28	1000
100-10-20	100"	20	400x75	200	30	24	5.5	28	1000
100-10-20	1"	20	400x75	200	30	22	5.5	28	1000
100-10-20	1"	20	400x75	200	30	22	5.5	28	1000
100-20-00	1"100	10	400x75	100	30	22	5.5	30	1000
100-20-00	1"100	10	400x75	100	30	22	5.5	30	1000
100-20-00	1"100	10	400x75	100	30	22	5.5	30	1000



WARNING: This product is not to be used for applications where it is not designed for. It is not to be used for applications where it is not designed for. It is not to be used for applications where it is not designed for. It is not to be used for applications where it is not designed for.

Metrik 24° Metrik: Metriksen

Metrik 24° Case (Høyre)

0000000000 - 000

Metrik 24° Tip S

Metrik Part Number	Når skal byttes		Byg Digital		Bygg System (mm)		
	Case	Tip	Tipset	Ø C	L1	L2	L3
120-0-0	100°	8	10000 N	Ø8	50.0	4	14
120-0-8	100°	8	10000 N	Ø8	50.0	4	14
120-0-12	100°	8	10000 N	Ø12	50.0	4	14
120-0-16	100°	10	10000 N	Ø16	50.0	6.0	18
120-0-20	100°	10	10000 N	Ø20	50.0	6.0	20
120-0-24	100°	10	10000 N	Ø24	50.0	7	24
120-0-30	100°	10	10000 N	Ø30	50.0	7	24
120-0-36	100°	10	10000 N	Ø36	50.0	7	24
120-0-42	100°	10	10000 N	Ø42	50.0	7	24
120-0-48	100°	10	10000 N	Ø48	50.0	7	24
120-10-16	100°	16	10000 N	Ø16	50.0	10.0	24
120-10-20	100°	16	10000 N	Ø20	50.0	10.0	24
120-10-25	100°	20	10000 N	Ø25	50.0	14.0	24
120-10-30	100°	20	10000 N	Ø30	50.0	14.0	24
120-16-20	110°	20	10000 N	Ø20	50.0	16.0	24
120-16-25	110°	20	10000 N	Ø25	50.0	16.0	24
120-20-20	110°	20	10000 N	Ø20	50.0	20.0	24
120-20-25	110°	20	10000 N	Ø25	50.0	20.0	24
120-24-20	110°	20	10000 N	Ø20	50.0	24.0	24

10000 N, 10000 N, 10000 N, 10000 N



Metriksen 24° Metrik
 Metriksen 24° Metrik Case (Høyre) (Metriksen 24°)
 Metriksen 24° Metrik Case (Venstre) (Metriksen 24°)
 Metriksen 24° Metrik Case (Høyre) (Metriksen 24°)
 Metriksen 24° Metrik Case (Venstre) (Metriksen 24°)

WIP Rail # 7500 Series

WIP 3T[®]

Rail No. Part Number	Railroad Eq. Size (Nominal)		WIP Rail Size (Nominal)	WIP Rail Size (mm)		
	W	H		W	H	L
WIP-3-30	30"	3"	WIP-30	762	76	14
WIP-3-36	36"	3"	WIP-36	914	76	14
WIP-3-42	42"	3"	WIP-42	1067	76	14
WIP-3-48	48"	3"	WIP-48	1219	76	14
WIP-3-54	54"	3"	WIP-54	1372	76	14
WIP-3-60	60"	3"	WIP-60	1524	76	14
WIP-3-66	66"	3"	WIP-66	1676	76	14
WIP-3-72	72"	3"	WIP-72	1828	76	14
WIP-3-78	78"	3"	WIP-78	1980	76	14
WIP-3-84	84"	3"	WIP-84	2132	76	14
WIP-3-90	90"	3"	WIP-90	2284	76	14
WIP-3-96	96"	3"	WIP-96	2436	76	14
WIP-3-102	102"	3"	WIP-102	2588	76	14
WIP-3-108	108"	3"	WIP-108	2740	76	14
WIP-3-114	114"	3"	WIP-114	2892	76	14
WIP-3-120	120"	3"	WIP-120	3044	76	14
WIP-3-126	126"	3"	WIP-126	3196	76	14
WIP-3-132	132"	3"	WIP-132	3348	76	14
WIP-3-138	138"	3"	WIP-138	3500	76	14
WIP-3-144	144"	3"	WIP-144	3652	76	14
WIP-3-150	150"	3"	WIP-150	3804	76	14
WIP-3-156	156"	3"	WIP-156	3956	76	14
WIP-3-162	162"	3"	WIP-162	4108	76	14
WIP-3-168	168"	3"	WIP-168	4260	76	14
WIP-3-174	174"	3"	WIP-174	4412	76	14
WIP-3-180	180"	3"	WIP-180	4564	76	14
WIP-3-186	186"	3"	WIP-186	4716	76	14
WIP-3-192	192"	3"	WIP-192	4868	76	14
WIP-3-198	198"	3"	WIP-198	5020	76	14
WIP-3-204	204"	3"	WIP-204	5172	76	14
WIP-3-210	210"	3"	WIP-210	5324	76	14
WIP-3-216	216"	3"	WIP-216	5476	76	14
WIP-3-222	222"	3"	WIP-222	5628	76	14
WIP-3-228	228"	3"	WIP-228	5780	76	14
WIP-3-234	234"	3"	WIP-234	5932	76	14
WIP-3-240	240"	3"	WIP-240	6084	76	14
WIP-3-246	246"	3"	WIP-246	6236	76	14
WIP-3-252	252"	3"	WIP-252	6388	76	14
WIP-3-258	258"	3"	WIP-258	6540	76	14
WIP-3-264	264"	3"	WIP-264	6692	76	14
WIP-3-270	270"	3"	WIP-270	6844	76	14
WIP-3-276	276"	3"	WIP-276	6996	76	14
WIP-3-282	282"	3"	WIP-282	7148	76	14
WIP-3-288	288"	3"	WIP-288	7300	76	14
WIP-3-294	294"	3"	WIP-294	7452	76	14
WIP-3-300	300"	3"	WIP-300	7604	76	14



WIP Rail # 7500 Series

WIP Rail # 7500 Series
 WIP Rail # 7500 Series
 WIP Rail # 7500 Series
 WIP Rail # 7500 Series

UMF Concrete 37° Maximum Retraction

UMF 30 Concrete 37° Seal

UMF 30

UMF 37°

Part No. Part Number	Maximum Length Maximum Length		Max Depth Max	Seal Height (mm) Dimensions in (mm)			
	Class	Size		H	L1	L2	L3
190 20 00	UMF	8	190/20	17	25	3	14
190 20 00	UMF	8	190/20	18	25	4	14
190 20 00	UMF	8	190/20	20	25	4	17
190 20 00	UMF	8	190/20	18	25	4	16
190 20 00	UMF	8	190/20	20	25	5	17
190 20 00	UMF	8	190/20	20	25	5	16
190 20 00	UMF	8	190/20	20	25	5	20
190 20 00	UMF	8	190/20	20	25	5	20
190 20 00	UMF	10	190/20	20	25	5.5	16
190 20 00	UMF	10	190/20	20	25	5.5	20
190 20 00	UMF	10	190/20	20	25	5.5	20
190 20 00	UMF	10	190/20	27	30	5.5	27
190 20 00	UMF	10	190/20	28	30	5.5	26
190 20 00	UMF	10	190/20	28	30	5.5	27
190 20 00	UMF	10	190/20	30	30	5.5	30
190 20 00	UMF	10	190/20	30	30	11.0	27
190 20 00	UMF	10	190/20	30	30	11.0	30
190 20 00	UMF	20	190/20	30	30	14.5	30
190 20 00	UMF	20	190/20	30	30	14.5	31
190 20 00	UMF	20	190/20	30	30	14.5	32
190 20 00	UMF	20	190/20	30	30	14.5	33
190 20 00	UMF	20	190/20	30	30	14.5	34
190 20 00	UMF	20	190/20	30	30	14.5	35
190 20 00	UMF	20	190/20	30	30	14.5	36
190 20 00	UMF	20	190/20	30	30	14.5	37
190 20 00	UMF	20	190/20	30	30	14.5	38
190 20 00	UMF	20	190/20	30	30	14.5	39
190 20 00	UMF	20	190/20	30	30	14.5	40
190 20 00	UMF	20	190/20	30	30	14.5	41
190 20 00	UMF	20	190/20	30	30	14.5	42
190 20 00	UMF	20	190/20	30	30	14.5	43
190 20 00	UMF	20	190/20	30	30	14.5	44
190 20 00	UMF	20	190/20	30	30	14.5	45
190 20 00	UMF	20	190/20	30	30	14.5	46
190 20 00	UMF	20	190/20	30	30	14.5	47
190 20 00	UMF	20	190/20	30	30	14.5	48
190 20 00	UMF	20	190/20	30	30	14.5	49
190 20 00	UMF	20	190/20	30	30	14.5	50
190 20 00	UMF	20	190/20	30	30	14.5	51
190 20 00	UMF	20	190/20	30	30	14.5	52
190 20 00	UMF	20	190/20	30	30	14.5	53
190 20 00	UMF	20	190/20	30	30	14.5	54
190 20 00	UMF	20	190/20	30	30	14.5	55
190 20 00	UMF	20	190/20	30	30	14.5	56
190 20 00	UMF	20	190/20	30	30	14.5	57
190 20 00	UMF	20	190/20	30	30	14.5	58
190 20 00	UMF	20	190/20	30	30	14.5	59
190 20 00	UMF	20	190/20	30	30	14.5	60
190 20 00	UMF	20	190/20	30	30	14.5	61
190 20 00	UMF	20	190/20	30	30	14.5	62
190 20 00	UMF	20	190/20	30	30	14.5	63
190 20 00	UMF	20	190/20	30	30	14.5	64
190 20 00	UMF	20	190/20	30	30	14.5	65
190 20 00	UMF	20	190/20	30	30	14.5	66
190 20 00	UMF	20	190/20	30	30	14.5	67
190 20 00	UMF	20	190/20	30	30	14.5	68
190 20 00	UMF	20	190/20	30	30	14.5	69
190 20 00	UMF	20	190/20	30	30	14.5	70
190 20 00	UMF	20	190/20	30	30	14.5	71
190 20 00	UMF	20	190/20	30	30	14.5	72
190 20 00	UMF	20	190/20	30	30	14.5	73
190 20 00	UMF	20	190/20	30	30	14.5	74
190 20 00	UMF	20	190/20	30	30	14.5	75
190 20 00	UMF	20	190/20	30	30	14.5	76
190 20 00	UMF	20	190/20	30	30	14.5	77
190 20 00	UMF	20	190/20	30	30	14.5	78
190 20 00	UMF	20	190/20	30	30	14.5	79
190 20 00	UMF	20	190/20	30	30	14.5	80
190 20 00	UMF	20	190/20	30	30	14.5	81
190 20 00	UMF	20	190/20	30	30	14.5	82
190 20 00	UMF	20	190/20	30	30	14.5	83
190 20 00	UMF	20	190/20	30	30	14.5	84
190 20 00	UMF	20	190/20	30	30	14.5	85
190 20 00	UMF	20	190/20	30	30	14.5	86
190 20 00	UMF	20	190/20	30	30	14.5	87
190 20 00	UMF	20	190/20	30	30	14.5	88
190 20 00	UMF	20	190/20	30	30	14.5	89
190 20 00	UMF	20	190/20	30	30	14.5	90
190 20 00	UMF	20	190/20	30	30	14.5	91
190 20 00	UMF	20	190/20	30	30	14.5	92
190 20 00	UMF	20	190/20	30	30	14.5	93
190 20 00	UMF	20	190/20	30	30	14.5	94
190 20 00	UMF	20	190/20	30	30	14.5	95
190 20 00	UMF	20	190/20	30	30	14.5	96
190 20 00	UMF	20	190/20	30	30	14.5	97
190 20 00	UMF	20	190/20	30	30	14.5	98
190 20 00	UMF	20	190/20	30	30	14.5	99
190 20 00	UMF	20	190/20	30	30	14.5	100

UMF 30 Concrete 37° Seal



UMF 37° Concrete 37° Seal
 UMF 30 Concrete 37° Seal
 UMF 30 Concrete 37° Seal
 UMF 30 Concrete 37° Seal

UNF 37°

UNF 37° Female 303 SS Nut

Part No. Part Name	Hex Body (mm)		Hex Body Thread	Body Height (mm)			
	W	H		L1	L2	Body	L
UNF-37-10	6.35	6	UNF-37-10	15	15	6	16
UNF-37-12	8	6	UNF-37-12	17	17	6	18
UNF-37-16	10	6	UNF-37-16	20	20	6	21
UNF-37-20	13	6	UNF-37-20	23	23	6	24
UNF-37-25	17	6	UNF-37-25	28	28	6	29
UNF-37-32	22	6	UNF-37-32	35	35	6	36
UNF-37-40	28	6	UNF-37-40	43	43	6	44
UNF-37-50	36	6	UNF-37-50	55	55	6	56
UNF-37-60	45	6	UNF-37-60	67	67	6	68
UNF-37-75	57	6	UNF-37-75	83	83	6	84
UNF-37-90	70	6	UNF-37-90	99	99	6	100
UNF-37-100	80	6	UNF-37-100	111	111	6	112
UNF-37-125	100	6	UNF-37-125	138	138	6	139
UNF-37-150	125	6	UNF-37-150	165	165	6	166
UNF-37-200	175	6	UNF-37-200	216	216	6	217
UNF-37-250	225	6	UNF-37-250	267	267	6	268
UNF-37-300	275	6	UNF-37-300	318	318	6	319
UNF-37-350	325	6	UNF-37-350	369	369	6	370
UNF-37-400	375	6	UNF-37-400	420	420	6	421
UNF-37-450	425	6	UNF-37-450	471	471	6	472
UNF-37-500	475	6	UNF-37-500	522	522	6	523
UNF-37-600	575	6	UNF-37-600	624	624	6	625
UNF-37-700	675	6	UNF-37-700	726	726	6	727
UNF-37-800	775	6	UNF-37-800	828	828	6	829
UNF-37-900	875	6	UNF-37-900	930	930	6	931
UNF-37-1000	975	6	UNF-37-1000	1032	1032	6	1033



UNF 37° Female 303 SS Nut
 Hex Body (mm): W, H
 Body Height (mm): L1, L2, Body, L
 Part No. UNF-37-10 to UNF-37-1000

UNF Metric 30° Bezel
 2013

UNF 30°

Part No. Part Number	Nominal Size (Nominal Dimensions)		Key Depth (Depth)	Key Height (mm) (Nominal Dimensions)		
	Type	Size		L1	Height	L2
102-01-000	UNF	5	0.0875	24.7	4	10
102-01-005	UNF	6	0.0875	25	4	10
102-01-010	UNF	6	0.0875	25	4	15
102-01-015	UNF	6	0.0875	25	4	20
102-01-020	UNF	6	0.0875	25	4	25
102-01-025	UNF	6	0.0875	25	4	30
102-01-030	UNF	6	0.0875	25	4	35
102-01-035	UNF	6	0.0875	25	4	40
102-01-040	UNF	6	0.0875	25	4	45
102-01-045	UNF	6	0.0875	25	4	50
102-01-050	UNF	6	0.0875	25	4	55
102-01-055	UNF	6	0.0875	25	4	60
102-01-060	UNF	6	0.0875	25	4	65
102-01-065	UNF	6	0.0875	25	4	70
102-01-070	UNF	6	0.0875	25	4	75
102-01-075	UNF	6	0.0875	25	4	80
102-01-080	UNF	6	0.0875	25	4	85
102-01-085	UNF	6	0.0875	25	4	90
102-01-090	UNF	6	0.0875	25	4	95
102-01-095	UNF	6	0.0875	25	4	100
102-01-100	UNF	6	0.0875	25	4	105
102-01-105	UNF	6	0.0875	25	4	110
102-01-110	UNF	6	0.0875	25	4	115
102-01-115	UNF	6	0.0875	25	4	120
102-01-120	UNF	6	0.0875	25	4	125
102-01-125	UNF	6	0.0875	25	4	130
102-01-130	UNF	6	0.0875	25	4	135
102-01-135	UNF	6	0.0875	25	4	140
102-01-140	UNF	6	0.0875	25	4	145
102-01-145	UNF	6	0.0875	25	4	150
102-01-150	UNF	6	0.0875	25	4	155
102-01-155	UNF	6	0.0875	25	4	160
102-01-160	UNF	6	0.0875	25	4	165
102-01-165	UNF	6	0.0875	25	4	170
102-01-170	UNF	6	0.0875	25	4	175
102-01-175	UNF	6	0.0875	25	4	180
102-01-180	UNF	6	0.0875	25	4	185
102-01-185	UNF	6	0.0875	25	4	190
102-01-190	UNF	6	0.0875	25	4	195
102-01-195	UNF	6	0.0875	25	4	200
102-01-200	UNF	6	0.0875	25	4	205
102-01-205	UNF	6	0.0875	25	4	210
102-01-210	UNF	6	0.0875	25	4	215
102-01-215	UNF	6	0.0875	25	4	220
102-01-220	UNF	6	0.0875	25	4	225
102-01-225	UNF	6	0.0875	25	4	230
102-01-230	UNF	6	0.0875	25	4	235
102-01-235	UNF	6	0.0875	25	4	240
102-01-240	UNF	6	0.0875	25	4	245
102-01-245	UNF	6	0.0875	25	4	250
102-01-250	UNF	6	0.0875	25	4	255
102-01-255	UNF	6	0.0875	25	4	260
102-01-260	UNF	6	0.0875	25	4	265
102-01-265	UNF	6	0.0875	25	4	270
102-01-270	UNF	6	0.0875	25	4	275
102-01-275	UNF	6	0.0875	25	4	280
102-01-280	UNF	6	0.0875	25	4	285
102-01-285	UNF	6	0.0875	25	4	290
102-01-290	UNF	6	0.0875	25	4	295
102-01-295	UNF	6	0.0875	25	4	300

2013 UNF Metric 30° Bezel
 2013 UNF Metric 30° Bezel



UNF Metric 30° Bezel

Weight: 0.012 (Nominal) (See Dimensional Tolerances Table)

Material: 304/316/317/316L Stainless Steel (See Dimensional Tolerances Table)

Surface Finish: 0.8 μm Ra (See Dimensional Tolerances Table)

RoHS (Pb-Free): Yes

WSP 1 Series 2700 Series

WSP 60°

WSP Part Number	WSP 1 Series (mm)		WSP 1 Series (mm)	WSP 1 Series (mm)		
	WSP 1 Series (mm)	WSP 1 Series (mm)		WSP 1 Series (mm)	WSP 1 Series (mm)	WSP 1 Series (mm)
WSP-1-1	10	10	WSP-1-1	10	10	10
WSP-1-2	15	15	WSP-1-2	15	15	15
WSP-1-3	20	20	WSP-1-3	20	20	20
WSP-1-4	25	25	WSP-1-4	25	25	25
WSP-1-5	30	30	WSP-1-5	30	30	30
WSP-1-6	35	35	WSP-1-6	35	35	35
WSP-1-7	40	40	WSP-1-7	40	40	40
WSP-1-8	45	45	WSP-1-8	45	45	45
WSP-1-9	50	50	WSP-1-9	50	50	50
WSP-1-10	55	55	WSP-1-10	55	55	55
WSP-1-11	60	60	WSP-1-11	60	60	60
WSP-1-12	65	65	WSP-1-12	65	65	65
WSP-1-13	70	70	WSP-1-13	70	70	70
WSP-1-14	75	75	WSP-1-14	75	75	75
WSP-1-15	80	80	WSP-1-15	80	80	80
WSP-1-16	85	85	WSP-1-16	85	85	85
WSP-1-17	90	90	WSP-1-17	90	90	90
WSP-1-18	95	95	WSP-1-18	95	95	95
WSP-1-19	100	100	WSP-1-19	100	100	100
WSP-1-20	105	105	WSP-1-20	105	105	105
WSP-1-21	110	110	WSP-1-21	110	110	110
WSP-1-22	115	115	WSP-1-22	115	115	115
WSP-1-23	120	120	WSP-1-23	120	120	120
WSP-1-24	125	125	WSP-1-24	125	125	125
WSP-1-25	130	130	WSP-1-25	130	130	130
WSP-1-26	135	135	WSP-1-26	135	135	135
WSP-1-27	140	140	WSP-1-27	140	140	140
WSP-1-28	145	145	WSP-1-28	145	145	145
WSP-1-29	150	150	WSP-1-29	150	150	150
WSP-1-30	155	155	WSP-1-30	155	155	155
WSP-1-31	160	160	WSP-1-31	160	160	160
WSP-1-32	165	165	WSP-1-32	165	165	165
WSP-1-33	170	170	WSP-1-33	170	170	170
WSP-1-34	175	175	WSP-1-34	175	175	175
WSP-1-35	180	180	WSP-1-35	180	180	180
WSP-1-36	185	185	WSP-1-36	185	185	185
WSP-1-37	190	190	WSP-1-37	190	190	190
WSP-1-38	195	195	WSP-1-38	195	195	195
WSP-1-39	200	200	WSP-1-39	200	200	200
WSP-1-40	205	205	WSP-1-40	205	205	205
WSP-1-41	210	210	WSP-1-41	210	210	210
WSP-1-42	215	215	WSP-1-42	215	215	215
WSP-1-43	220	220	WSP-1-43	220	220	220
WSP-1-44	225	225	WSP-1-44	225	225	225
WSP-1-45	230	230	WSP-1-45	230	230	230
WSP-1-46	235	235	WSP-1-46	235	235	235
WSP-1-47	240	240	WSP-1-47	240	240	240
WSP-1-48	245	245	WSP-1-48	245	245	245
WSP-1-49	250	250	WSP-1-49	250	250	250
WSP-1-50	255	255	WSP-1-50	255	255	255
WSP-1-51	260	260	WSP-1-51	260	260	260
WSP-1-52	265	265	WSP-1-52	265	265	265
WSP-1-53	270	270	WSP-1-53	270	270	270
WSP-1-54	275	275	WSP-1-54	275	275	275
WSP-1-55	280	280	WSP-1-55	280	280	280
WSP-1-56	285	285	WSP-1-56	285	285	285
WSP-1-57	290	290	WSP-1-57	290	290	290
WSP-1-58	295	295	WSP-1-58	295	295	295
WSP-1-59	300	300	WSP-1-59	300	300	300
WSP-1-60	305	305	WSP-1-60	305	305	305
WSP-1-61	310	310	WSP-1-61	310	310	310
WSP-1-62	315	315	WSP-1-62	315	315	315
WSP-1-63	320	320	WSP-1-63	320	320	320
WSP-1-64	325	325	WSP-1-64	325	325	325
WSP-1-65	330	330	WSP-1-65	330	330	330
WSP-1-66	335	335	WSP-1-66	335	335	335
WSP-1-67	340	340	WSP-1-67	340	340	340
WSP-1-68	345	345	WSP-1-68	345	345	345
WSP-1-69	350	350	WSP-1-69	350	350	350
WSP-1-70	355	355	WSP-1-70	355	355	355
WSP-1-71	360	360	WSP-1-71	360	360	360
WSP-1-72	365	365	WSP-1-72	365	365	365
WSP-1-73	370	370	WSP-1-73	370	370	370
WSP-1-74	375	375	WSP-1-74	375	375	375
WSP-1-75	380	380	WSP-1-75	380	380	380
WSP-1-76	385	385	WSP-1-76	385	385	385
WSP-1-77	390	390	WSP-1-77	390	390	390
WSP-1-78	395	395	WSP-1-78	395	395	395
WSP-1-79	400	400	WSP-1-79	400	400	400
WSP-1-80	405	405	WSP-1-80	405	405	405
WSP-1-81	410	410	WSP-1-81	410	410	410
WSP-1-82	415	415	WSP-1-82	415	415	415
WSP-1-83	420	420	WSP-1-83	420	420	420
WSP-1-84	425	425	WSP-1-84	425	425	425
WSP-1-85	430	430	WSP-1-85	430	430	430
WSP-1-86	435	435	WSP-1-86	435	435	435
WSP-1-87	440	440	WSP-1-87	440	440	440
WSP-1-88	445	445	WSP-1-88	445	445	445
WSP-1-89	450	450	WSP-1-89	450	450	450
WSP-1-90	455	455	WSP-1-90	455	455	455
WSP-1-91	460	460	WSP-1-91	460	460	460
WSP-1-92	465	465	WSP-1-92	465	465	465
WSP-1-93	470	470	WSP-1-93	470	470	470
WSP-1-94	475	475	WSP-1-94	475	475	475
WSP-1-95	480	480	WSP-1-95	480	480	480
WSP-1-96	485	485	WSP-1-96	485	485	485
WSP-1-97	490	490	WSP-1-97	490	490	490
WSP-1-98	495	495	WSP-1-98	495	495	495
WSP-1-99	500	500	WSP-1-99	500	500	500
WSP-1-100	505	505	WSP-1-100	505	505	505



BSP Domestic 40° Barbed Selection

40° BSP Domestic 40° Barbs with 1/2" Bore

2022-23

BSP 40°

BSP 40° Port Number	Nominal 40° BSP Nominal Dimensions		Top Flange Thread	Depth of Flange (mm)			
	Size	DN		H	L1	L2	L3
100-0-0	40°	0	BSPT-00	0	0	0	0
100-0-4	40°	4	BSPT-04	4	0	0	0
100-0-8	40°	8	BSPT-08	8	0	0	0
100-0-12	40°	12	BSPT-12	12	0	0	0
100-0-16	40°	16	BSPT-16	16	0	0	0
100-0-20	40°	20	BSPT-20	20	0	0	0
100-0-25	40°	25	BSPT-25	25	0	0	0
100-0-32	40°	32	BSPT-32	32	0	0	0
100-0-40	40°	40	BSPT-40	40	0	0	0
100-0-50	40°	50	BSPT-50	50	0	0	0
100-0-63	40°	63	BSPT-63	63	0	0	0
100-0-80	40°	80	BSPT-80	80	0	0	0
100-0-100	40°	100	BSPT-100	100	0	0	0
100-10-0	40°	10	BSPT-10	10	10	10	10
100-10-10	40°	10	BSPT-10	10	10	10	10
100-10-20	40°	20	BSPT-20	20	10	10	10
100-10-30	40°	30	BSPT-30	30	10	10	10
100-10-40	40°	40	BSPT-40	40	10	10	10
100-10-50	40°	50	BSPT-50	50	10	10	10
100-10-63	40°	63	BSPT-63	63	10	10	10
100-10-80	40°	80	BSPT-80	80	10	10	10
100-10-100	40°	100	BSPT-100	100	10	10	10
100-20-0	40°	20	BSPT-20	20	20	20	20
100-20-10	40°	10	BSPT-10	10	20	20	20
100-20-20	40°	20	BSPT-20	20	20	20	20
100-20-30	40°	30	BSPT-30	30	20	20	20
100-20-40	40°	40	BSPT-40	40	20	20	20
100-20-50	40°	50	BSPT-50	50	20	20	20
100-20-63	40°	63	BSPT-63	63	20	20	20
100-20-80	40°	80	BSPT-80	80	20	20	20
100-20-100	40°	100	BSPT-100	100	20	20	20
100-30-0	40°	30	BSPT-30	30	30	30	30
100-30-10	40°	10	BSPT-10	10	30	30	30
100-30-20	40°	20	BSPT-20	20	30	30	30
100-30-30	40°	30	BSPT-30	30	30	30	30
100-30-40	40°	40	BSPT-40	40	30	30	30
100-30-50	40°	50	BSPT-50	50	30	30	30
100-30-63	40°	63	BSPT-63	63	30	30	30
100-30-80	40°	80	BSPT-80	80	30	30	30
100-30-100	40°	100	BSPT-100	100	30	30	30
100-40-0	40°	40	BSPT-40	40	40	40	40
100-40-10	40°	10	BSPT-10	10	40	40	40
100-40-20	40°	20	BSPT-20	20	40	40	40
100-40-30	40°	30	BSPT-30	30	40	40	40
100-40-40	40°	40	BSPT-40	40	40	40	40
100-40-50	40°	50	BSPT-50	50	40	40	40
100-40-63	40°	63	BSPT-63	63	40	40	40
100-40-80	40°	80	BSPT-80	80	40	40	40
100-40-100	40°	100	BSPT-100	100	40	40	40

100 Series 40° BSP 40° Barbs



ESP Example 60° Section Selection

60° ESP Flange and ESP Base with 6-Flange
 (continued)

60° Section of 180° Section

ESP 60°

Part No. Part Number	Section by Size New from Section		Esp. 60° Section	Esp. 60° Section (and Subsection) of Section			
	Size	Sec.		n	L1	Q11	r
180-0-02	60°	0	60°-0-02	30	30	3	34
180-0-04	60°	0	60°-0-04	30	30	3	34
180-0-07	60°	0	60°-0-07	30	30	3	34
180-0-08	60°	0	60°-0-08	30	30	4	34
180-0-09	60°	0	60°-0-09	30	30	6	34
180-0-10	60°	0	60°-0-10	40	30	6	34
180-0-11	60°	0	60°-0-11	40	30	6	37
180-0-12	60°	0	60°-0-12	40	30	6	37
180-0-13	60°	0	60°-0-13	40	30	6.5	37
180-0-14	60°	0	60°-0-14	40	30	6.5	37
180-0-15	60°	0	60°-0-15	40	30	6.5	37
180-0-16	60°	0	60°-0-16	40	30	6.5	37
180-0-17	60°	0	60°-0-17	40	30	6.5	37
180-0-18	60°	0	60°-0-18	40	30	6.5	37
180-0-19	60°	0	60°-0-19	40	30	6.5	37
180-0-20	60°	0	60°-0-20	40	30	6.5	37
180-0-21	60°	0	60°-0-21	40	30	6.5	37
180-0-22	60°	0	60°-0-22	40	30	6.5	37
180-0-23	60°	0	60°-0-23	40	30	6.5	37
180-0-24	60°	0	60°-0-24	40	30	6.5	37
180-0-25	60°	0	60°-0-25	40	30	6.5	37
180-0-26	60°	0	60°-0-26	40	30	6.5	37
180-0-27	60°	0	60°-0-27	40	30	6.5	37
180-0-28	60°	0	60°-0-28	40	30	6.5	37
180-0-29	60°	0	60°-0-29	40	30	6.5	37
180-0-30	60°	0	60°-0-30	40	30	6.5	37
180-0-31	60°	0	60°-0-31	40	30	6.5	37
180-0-32	60°	0	60°-0-32	40	30	6.5	37
180-0-33	60°	0	60°-0-33	40	30	6.5	37
180-0-34	60°	0	60°-0-34	40	30	6.5	37
180-0-35	60°	0	60°-0-35	40	30	6.5	37
180-0-36	60°	0	60°-0-36	40	30	6.5	37
180-0-37	60°	0	60°-0-37	40	30	6.5	37
180-0-38	60°	0	60°-0-38	40	30	6.5	37
180-0-39	60°	0	60°-0-39	40	30	6.5	37
180-0-40	60°	0	60°-0-40	40	30	6.5	37
180-0-41	60°	0	60°-0-41	40	30	6.5	37
180-0-42	60°	0	60°-0-42	40	30	6.5	37
180-0-43	60°	0	60°-0-43	40	30	6.5	37
180-0-44	60°	0	60°-0-44	40	30	6.5	37
180-0-45	60°	0	60°-0-45	40	30	6.5	37
180-0-46	60°	0	60°-0-46	40	30	6.5	37
180-0-47	60°	0	60°-0-47	40	30	6.5	37
180-0-48	60°	0	60°-0-48	40	30	6.5	37
180-0-49	60°	0	60°-0-49	40	30	6.5	37
180-0-50	60°	0	60°-0-50	40	30	6.5	37
180-0-51	60°	0	60°-0-51	40	30	6.5	37
180-0-52	60°	0	60°-0-52	40	30	6.5	37
180-0-53	60°	0	60°-0-53	40	30	6.5	37
180-0-54	60°	0	60°-0-54	40	30	6.5	37
180-0-55	60°	0	60°-0-55	40	30	6.5	37
180-0-56	60°	0	60°-0-56	40	30	6.5	37
180-0-57	60°	0	60°-0-57	40	30	6.5	37
180-0-58	60°	0	60°-0-58	40	30	6.5	37
180-0-59	60°	0	60°-0-59	40	30	6.5	37
180-0-60	60°	0	60°-0-60	40	30	6.5	37
180-0-61	60°	0	60°-0-61	40	30	6.5	37
180-0-62	60°	0	60°-0-62	40	30	6.5	37
180-0-63	60°	0	60°-0-63	40	30	6.5	37
180-0-64	60°	0	60°-0-64	40	30	6.5	37
180-0-65	60°	0	60°-0-65	40	30	6.5	37
180-0-66	60°	0	60°-0-66	40	30	6.5	37
180-0-67	60°	0	60°-0-67	40	30	6.5	37
180-0-68	60°	0	60°-0-68	40	30	6.5	37
180-0-69	60°	0	60°-0-69	40	30	6.5	37
180-0-70	60°	0	60°-0-70	40	30	6.5	37
180-0-71	60°	0	60°-0-71	40	30	6.5	37
180-0-72	60°	0	60°-0-72	40	30	6.5	37
180-0-73	60°	0	60°-0-73	40	30	6.5	37
180-0-74	60°	0	60°-0-74	40	30	6.5	37
180-0-75	60°	0	60°-0-75	40	30	6.5	37
180-0-76	60°	0	60°-0-76	40	30	6.5	37
180-0-77	60°	0	60°-0-77	40	30	6.5	37
180-0-78	60°	0	60°-0-78	40	30	6.5	37
180-0-79	60°	0	60°-0-79	40	30	6.5	37
180-0-80	60°	0	60°-0-80	40	30	6.5	37
180-0-81	60°	0	60°-0-81	40	30	6.5	37
180-0-82	60°	0	60°-0-82	40	30	6.5	37
180-0-83	60°	0	60°-0-83	40	30	6.5	37
180-0-84	60°	0	60°-0-84	40	30	6.5	37
180-0-85	60°	0	60°-0-85	40	30	6.5	37
180-0-86	60°	0	60°-0-86	40	30	6.5	37
180-0-87	60°	0	60°-0-87	40	30	6.5	37
180-0-88	60°	0	60°-0-88	40	30	6.5	37
180-0-89	60°	0	60°-0-89	40	30	6.5	37
180-0-90	60°	0	60°-0-90	40	30	6.5	37
180-0-91	60°	0	60°-0-91	40	30	6.5	37
180-0-92	60°	0	60°-0-92	40	30	6.5	37
180-0-93	60°	0	60°-0-93	40	30	6.5	37
180-0-94	60°	0	60°-0-94	40	30	6.5	37
180-0-95	60°	0	60°-0-95	40	30	6.5	37
180-0-96	60°	0	60°-0-96	40	30	6.5	37
180-0-97	60°	0	60°-0-97	40	30	6.5	37
180-0-98	60°	0	60°-0-98	40	30	6.5	37
180-0-99	60°	0	60°-0-99	40	30	6.5	37
180-0-100	60°	0	60°-0-100	40	30	6.5	37



NPT/BSPP Metric Selection

npt/metric npt/metric 60°

NPT 60°

Rock No. Part Number	Hexes & Spcs. npt/metric 60°		Dry Weight Pounds	Basic Dimensions (in.) (Metric Values in [mm])		
	Size	Len		L1	L2(L)	r
763-0-2	1/8"	5	0.007-0.008	20	3	10
763-0-2	1/8"	6	0.007-0.008	20.5	4	10
763-0-4	1/8"	8	0.007-0.008	20.5	4	14
763-0-4	1/8"	8	0.007-0.008	20.5	5	14
763-0-8	1/8"	8	0.007-0.008	20	5	20
763-0-4	1/4"	10	0.007-0.008	26	6.5	17
763-0-6	1/4"	10	0.007-0.008	27	6.5	18
763-0-8	1/4"	10	0.007-0.008	28.5	6.5	20
763-0-8	1/4"	12	0.007-0.008	27	6.5	20
763-0-8	1/4"	12	0.007-0.008	28.5	6.5	20
763-0-10	1/4"	12	0.007-0.008	24	6.5	27
763-0-8-10	1/4"	12	0.007-0.008	48.5	6.5	27
763-10-10-10	1/2"	16	0.007-0.008	52	10.5	27
763-10-12	1/2"	16	0.007-0.008	38	10.5	30
763-12-12	1/2"	20	0.007-0.008	38	10.5	30
763-12-16	1/2"	20	0.014-1	40	10.5	35
763-16-16	1"	20	0.014-1	40	10.5	35
763-16-20	1"	20	0.014-1.6-1.8	47	10.5	40
763-20-20	1 1/2"	30	0.014-1.6-1.8	50	20.5	40
763-24-24	1 1/2"	40	0.014-1.6-1.8	52	20.5	50
763-32-32	2"	50	0.014-1	56	22.5	55
763-40-40	2 1/2"	60	0.014-1.6-1.8	60.5	22	60
763-48-48	3"	70	0.014-1	67.5	22	65

npt/metric npt/metric 60°



160-15 series of 160-1 Series

BSP 60°

Part No. Part Number	Nominal Size Nominal Diameter	Key Depth Thread	Keyway Depth (mm)		
			L1	L2/1	L3
1601-06-6	1/2"	5/16"-18	26	6.5	16
1601-08-6	3/8"	3/8"-18	28	6.5	20
1601-08-8	3/8"	3/8"-24	28	6.5	20
1601-08-9	1/2"	9/16"-18	30	9.0	27
1601-08-10	1/2"	1/2"-16	30	9.0	30
1601-10-10	3/4"	1/2"-16	38	11.5	30
1601-10-12	3/4"	1/2"-16	38	14.5	30
1601-10-16	1"	1/2"-16	42	14.5	42
1601-10-18	1"	9/16"-18	44	19.0	42
1601-10-20	1 1/8"	1/2"-16	47	14.5	50



BSP Standard Metric Ballistics (JCB)

BSP Standard Metric Ballistics (JCB)

BSP 40° (JCB)

Ballistic Part Number	Nominal Size (mm)		Ball Diameter (mm)	Major Diameter (mm)			
	Case	Case	Overall	L1	HOE	L	Overall
T88-8-8	8.07	8	8.00 ± 0.05	25.5	4	18	36.1
T88-8-9	8.07	9	8.00 ± 0.05	26	5.5	20	36.1
T88-8-10	8.07	10	8.00 ± 0.05	26.5	6.5	21	36.1
T88-10-10	8.07	10	8.00 ± 0.05	31	10.5	21	36.1
T88-12-12	8.07	12	8.00 ± 0.05	33	14.5	24	36.1
T88-16-16	8	16	8.00 ± 0.05	38	18.5	24	36.1

MOA Series JCB Series



BSP Formula 40° Horton Rubber (JCB)
 40° BSP Formula 40° Hose with 10.0kg (22lb)

BSP 40° (JCB)

BSP Formula 40° Hose with 10.0kg (22lb)

Part No. Description	Nominal Size (mm)		Dry Weight (kg)	Bore Weight (kg)				
	1/2"	3/4"		1"	1.5"	2"	3"	4"
100-00-01	100'	5"	4.000+0.05	10	17	4	19	54.1
100-00-02	100'	10"	4.000+0.05	10	18	6.5	22	54.2
100-00-03	100'	15"	4.000+0.05	10	24	10	27	104.8
100-00-10	100'	18"	4.000+0.05	10	28	11.5	29	104.8
100-00-12	100'	24"	4.000+0.05	15	32	14.5	32	164.5
100-00-15	100'	28"	4.000+0.05	15	35	16.5	34	164.5



BSP Standard 90° Flare Fittings (JCB)

90° BSP Standard 90° Flare with 1/2" Ring (inch)

BSP 90°(JCB)

Part No. Part Number	Nominal Size (inch)		Eq. Design Symbol	Major Diameter (inch)				
	Tube	Flare		1.1	2	3/4" Flare	4	5/16" Flare
100-4-4	1/2"	1/2"	90°-4	21	21	4	19	34.1
100-4-6	1/2"	3/8"	90°-6	21	29	6.5	21	34.1
100-6-6	3/8"	3/8"	90°-6	21	21	6.5	17	34.1
100-1.0-1.0	1/2"	1/2"	90°-10	38	38	10.5	27	54.1
100-1.0-1.2	1/2"	3/4"	90°-10	38	38	14.5	31	54.1
100-1.0-1.5	1/2"	1"	90°-10	38	38	18.5	34	54.1

MOORE PART # 100-10-10



SAE 3000 PSI

WAGO System Solutions | WAGO System Solutions

Part No.	Nominal Size		Type	Nominal Pressure (SAE 3000 PSI)		
	mm	inch		SAE	ISO	ANSI
170-04-01	1/2"	12	SAE	41	71	104.5
170-04-10	1/2"	12	SAE	48	71	104.5
170-04-12	1/2"	12	SAE	41	71	104.5
170-12-10	3/4"	20	SAE	57	76	104.5
170-12-16	3/4"	20	SAE	57	76	104.5
170-16-10	1"	25	SAE	67	76	104.5
170-16-16	1"	25	SAE	67	76	104.5
170-16-20	1"	25	SAE	67	76	104.5
170-16-24	1"	25	SAE	64	76	104.5
170-20-16	1 1/4"	32	SAE	75	76	104.5
170-20-20	1 1/4"	32	SAE	75	76	104.5
170-20-24	1 1/4"	32	SAE	75	76	104.5
170-24-16	1 3/4"	40	SAE	87	76	104.5
170-24-20	1 3/4"	40	SAE	88	76	104.5
170-24-24	1 3/4"	40	SAE	88	76	104.5
170-30-16	2"	50	SAE	88	76	104.5
170-30-20	2"	50	SAE	75	76	104.5
170-30-24	2"	50	SAE	72	76	104.5



Range of Worked Materials

Hydraulic Hose Ltd. 0800 476 000
 01753 51111

SAE 3000 PSI

Article Part Number	Nominal Size		Bore (Outside) (mm)				
	Code	Size	10	15	20	25	32
171-08-08	63°	12	88.4	38	44	50	174.0
171-08-10	63°	12	88.4	38	46	52	184.0
171-08-12	63°	12	88.4	38	49	55	194.0
171-02-12	63°	20	88.4	27	31	35	164.0
171-02-16	63°	20	88.4	30	34	38	174.0
171-08-18	67°	20	88.4	30	36	42	184.0
171-08-16	67°	20	88.4	32	38	44	194.0
171-08-20	67°	20	88.4	32	38	46	204.0
171-08-24	67°	20	88.4	34	40	48	214.0
171-02-18	71.6°	32	88.4	38	45	52	254.0
171-02-20	71.6°	32	88.4	38	46	54	264.0
171-02-24	71.6°	32	88.4	38	50	58	284.0
171-06-24	71.6°	40	88.4	40	48	56	304.0
171-06-32	71.6°	40	88.4	40	50	60	324.0
171-02-32	67°	40	88.4	46	52	60	344.0
171-06-40	71.6°	40	88.4	46	54	62	364.0
171-02-40	67°	40	88.4	48	56	64	384.0

171 Series of 1711 Series



SAE 3000 PSI

PTFE Seal and PTFE Sealless

Part No. Part Number	Nominal Size (Nominal Outside)		Flange Spacing (mm)				
	Size	Flg	A-D	E	F	G-H	I (mm)
170-08-08	1/2"	0	104.8	48	60	60	174.0
170-08-10	1/2"	0	104.8	48	60	64	184.0
170-08-12	1/2"	0	104.8	48	60	67	190.0
170-12-12	3/4"	20	104.8	77	87	87	190.0
170-12-16	3/4"	20	104.8	80	89	89	190.0
170-16-16	1"	20	104.8	85	95	95	190.0
170-16-20	1"	20	104.8	85	95	99	190.0
170-16-24	1"	20	104.8	85	95	103	190.0
170-20-16	1 1/4"	30	104.8	85	95	103	190.0
170-20-20	1 1/4"	30	104.8	85	95	107	190.0
170-20-24	1 1/4"	30	104.8	85	95	111	190.0
170-24-24	1 1/2"	40	104.8	100	100	100	190.0
170-24-30	1 1/2"	40	104.8	100	100	104	190.0
170-32-32	2"	50	104.8	120	120	120	190.0
170-40-40	2 1/2"	60	104.8	130	130	130	190.0
170-48-48	3"	70	104.8	130	130	130	190.0



Hose Flange HF Horizontal Railcars

HF Flange - Call 1-800-755-2266 for all sizes and quantities

2014.05

SAE 3000 PSI

Part No. Part Number	Hose to Flange Hose Inside Diameter		Hose Outside Diameter (Reference to SAE 3000)				
	Size	OD	1/2"	3/4"	1"	1 1/4"	1 1/2"
102148-12-12	1 1/2"	24	33.0	100	75	14.5	24.0
102148-12-16	1 1/2"	26	33.0	100	75	14.5	26.0
102148-16-12	1"	24	33.0	100	80	14.5	24.0
102148-16-16	1"	24	33.0	100	80	14.5	26.0
102148-16-20	1"	24	33.0	100	80	14.5	28.0
102148-20-20	1 1/4"	32	33.0	100	80	14.5	28.0

HOSE CALL 1-800-755-2266



SAE 4000 PSI

1800 Series / 1800 Series

Part No. <i>Part Number</i>	Nominal Size <i>Nominal Size</i>		Mounting Dimensions <i>Mounting Dimensions</i>			
	Size	DR	HT	LT	HT	CR
1800-10-10	1/2"	10	3.20	25	1.1	18.00
1800-10-12	3/8"	10	3.30	26	1.10	18.00
1800-10-13	3/8"	20	3.30	27	1.20	18.00
1800-10-16	3/8"	20	3.30	28	1.20	18.00
1800-10-12	1"	20	3.30	26	1.10	18.00
1800-10-16	1"	20	3.30	28	1.10	18.00
1800-10-20	1"	20	3.30	28	1.10	18.00
1800-20-10	1 1/2"	10	3.30	28	1.20	18.00
1800-20-20	1 1/2"	10	3.30	28	1.20	18.00



Range MP Medium Rotation

MP Range ball ends PFA with balls at 1000 psi

SAE 4000 PSI

Part No. Part Number	Nominal Length Nominal Length		Range Rotation (mm)				
	Size	OD	HT	H	L1	HT	HT
100-00-10	1/2"	1.1	66.1	26	66	66	1600
100-10-11	1/2"	1.1	66.1	30	66	75.5	2000
100-10-12	1/2"	1.1	66.1	35	66	76.5	2500
100-10-16	1/2"	1.1	66.1	50	66	66.5	3000
100-10-12	1"	1.1	66.1	30	66	66.5	2000
100-10-16	1"	1.1	66.1	40	66	66.5	3000
100-10-20	1"	1.1	66	50	66	66.5	3500
100-20-16	1 1/2"	1.1	66.1	40	100	100	3000
100-20-20	1 1/2"	1.1	66	50	100	100	3500

100 Series & 101 Series



SAE 4000 PSI

100-100 Seal Kit 1000 Seal Kit

Part No. Part Name	Material (See Interchangeability)		Bore Diameter (mm)				
	Case	Oil	2.0	3	4.1	5.0	6.0mm
100-10-101	90°	12	24.0	25	27	30	36.0
100-10-112	90°	10	24.0	27	28	30	36.0
100-10-113	90°	20	24.0	27	30	30	36.0
100-10-116	90°	20	24.0	25	27	30	36.0
100-10-117	90°	20	24.0	25	27	30	36.0
100-10-118	90°	20	24.0	25	27	30	36.0
100-10-120	90°	20	24.0	25	27	30	36.0
100-10-119	90°	20	24.0	25	27	30	36.0
100-10-120	90°	20	24.0	25	27	30	36.0



Weld Flange 90° Horizontal Ballcock

90° Flange ballcock with 1/2" (12.7mm) horizontal ballcock
 1/2" (12.7mm)

SAE 4000 PSI

Part No. Part Number	Nominal Size (mm)		Ballcock (mm)				
	OD	IN	W	H	L1	L2	S-PLATE
100-080-10-1.0	80	3.15	40.0	100	175	14.0	20.0
100-080-10-1.2	81	3.19	40.0	100	180	14.0	20.0
100-080-10-1.6	81	3.19	40.0	100	180	16.0	20.0
100-080-10-2.0	81	3.19	40.0	100	180	16.0	20.0
100-080-100-1.0	100	3.94	40.0	100	180	20.0	20.0
100-080-100-2.0	100	3.94	40.0	100	180	20.0	20.0



100-080-10-1.0, 100-080-10-1.2, 100-080-10-1.6, 100-080-10-2.0, 100-080-100-1.0, 100-080-100-2.0

700 Series and 7100 Series

SAE 4000 PSI

Part No. Part Number	Nominal Size Nom. Inside Diameter		Mounting Dimensions (Reference to Part)			
	Size	OD	W	L1	W2	L2 (Max)
999-102-02	3/4"	2.0	4.58	20	14.5	30.00
999-102-04	3/4"	2.0	4.58	20	14.5	30.00
999-102-05	1"	2.5	4.58	28	16.5	30.00
999-102-06	1"	2.5	4.58	20	16.5	30.00
999-102-08	1"	2.5	1.64	20	16.5	30.00
999-200-20	1 1/4"	3.2	1.64	18	14.5	30.00
999-200-24	1 1/4"	3.2	6.88	18	14.5	40.00
999-200-26	1 1/4"	3.2	6.88	18	14.5	40.00
999-200-30	1 1/2"	3.8	1.64	18	14.5	30.00



Flange-Header Rotation
 (Kaiser-Header) SAE 4000

Wings® MP Medium Retainer (Nylon Tip)

MP Wings® had until 2018. For more information, visit www.mooreind.com.

SAE 6000 PSI

Part No. Part Number	Retention (µm) Flow Rate (ml/min)		Range (µm) (mm)				
	Size	Flow	100	10	1	0.1	0.01
190-12-12	1/8"	25	1200	12	10	10.0	2000.0
190-12-16	1/8"	25	1200	12	10	10.0	2000.0
190-16-12	1/4"	25	1200	16	10	10.0	2000.0
190-16-16	1/4"	25	1200	16	10	10.0	2000.0
190-16-20	1/4"	25	1600	16	10	10.0	2000.0
190-20-20	1/2"	50	1600	20	10	10.0	2000.0
190-20-25	1/2"	50	1600	20	10	10.0	2000.0
190-20-30	1/2"	50	1600	20	10	10.0	2000.0
190-30-30	3/4"	100	1600	30	10	10.0	2000.0

Part No. 190-12-12, 190-12-16, 190-16-12, 190-16-16, 190-16-20, 190-20-20, 190-20-25, 190-20-30, 190-30-30



Reschedule 12/18/18 at
www.mooreind.com

SAE 6000 PSI

100° Flange 90° Barbed Hoseless (Kaiser Style)

Part Number	Barbed End (mm)		Flange End (mm)				
	Size	Len	OD	r	W1	W2	Length
192-20-02	1/2"	25	42.8	25	60	14.5	204.5
192-20-06	1/2"	25	42.8	17	60	14.5	204.5
192-20-02	1"	25	42.8	17	60	19.0	204.5
192-20-06	1"	25	42.8	17	60	19.0	204.5
192-20-02	1"	25	56	17	60	19.0	204.5
192-20-02	1 1/2"	25	56	20	60	23.5	204.5
192-20-06	1 1/2"	25	56.8	10	100	23.5	204.5
192-20-06	1 1/2"	25	56.8	17	100	23.5	204.5
192-20-02	2"	25	76.2	20	100	23.5	204.5



➤ Flange end only
 Flange diameter 100mm

Flange Specialization Selection
 Through Bolt Assembly (1/2" Dia. or Smaller)
 2019

SAE 4000 PSI

Bolt No. Part Number	Nuts Only Part Number		Bolt Height (mm) Configuration (mm)			
	Hex	Con	1/2"	1/2"	1/2"	1/2"
1-85-20-20	1700A	20	76	76	203	203
1-85-20-20	1700A	20	88.9	76	203	412.7
1-85-20-20	1700B	40	76	89	203	203
1-85-20-20	1700B	40	88.9	89	203	412.7
1-85-20-20	21	20	76.4	76	203	203

MOORE UTILITY PARTS DEPT.



Flange-Off Sprocket Section Selection
 40° Flange-Off 4000 PSI 200 Series 40° (Metric)
 40°

SAE 4000 PSI

194 Sae 4000 PSI Sae 4000 PSI

Part No. Part Number	Nominal Size (Nominal Dimensions)		Bore Options (mm) (Reference in (in))				
	OD	Wd	1st	2	3	4th	5th
194-20-20	1" (25.4)	20	16	18	20	22	24
194-20-24	1" (25.4)	24	16	18	20	22	24
194-24-20	1" (25.4)	20	16	18	20	22	24
194-24-24	1" (25.4)	24	16	18	20	22	24
194-30-30	1" (25.4)	30	16	18	20	22	24



Range 10' System Header Selection

10' Range Header (2000 PSI 200' Length) (Standard)
 200'

SAE 4000 PSI

Part No. Part Number	Nominal Pipe Size (Nominal)		Range Header (Nominal Dimensions in Inches)				
	10'	20'	4"	6"	8"	10"	12"
199-20-20	10" NPS	20"	66"	85"	105"	125"	145"
199-20-26	10" NPS	26"	66"	100"	120"	140"	160"
199-26-20	16" NPS	20"	66"	75"	100"	120"	140"
199-26-26	16" NPS	26"	66"	75"	100"	120"	140"
199-20-30	10"	30"	66"	75"	100"	120"	140"

199-20-20, 199-20-26, 199-26-20, 199-26-26, 199-20-30



Metrik 30°

3000 Series / 3000 Series

Part No. Part number	Nominal Size (mm)		Key System System	Keyway Depth (mm) Cote (mm)			
	Ø	Len		L1	L2	r	R
300-6-6	6	6	Metrik 30°	20	4	16	16
300-6-8	6	8	Metrik 30°	20	6	20	17
300-6-10	6	10	Metrik 30°	20	8	20	17
300-6-12	6	12	Metrik 30°	20	10	20	17
300-6-16	6	16	Metrik 30°	27	14	27	20
300-10-10	10	10	Metrik 30°	30	10	30	27
300-12-12	12	12	Metrik 30°	30	12	30	30
300-16-16	16	16	Metrik 30°	36	16	36	30
300-20-20	20	20	Metrik 30°	38	20	38	33
300-25-25	25	25	Metrik 30°	42	24	42	36
300-30-30	30	30	Metrik 30°	47	28	47	38
300-40-40	40	40	Metrik 30°	50	32	50	40



Remoldeo Matrices Selección 20°

20° Remoldeo Femenino

Matrices 20°

Matriz Part Number	Matrices by Size Remoldeo Femenino		Dip-Digital Product	Depth-Digital (mm)			
	Size	Qty		10	15	20	25
200-00-0	6.0"	6	remoldeo	10	15	20	25
200-00-5	6.0"	6	remoldeo	20	15	10	25
200-00-0	6.0"	6	remoldeo	20	15	10	25
200-00-0	6.0"	10	remoldeo	20	15	10	25
200-00-0	6.0"	10	remoldeo	20	15	10	25
200-10-10	6.0"	10	remoldeo	20	15	10	25
200-10-10	6.0"	20	remoldeo	20	15	10	25
200-10-10	6"	20	remoldeo	20	15	10	25
200-20-20	7.0"	10	remoldeo	20	15	10	25
200-20-20	7.0"	10	remoldeo	10	15	20	25
200-20-20	7.0"	10	remoldeo	10	15	20	25

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30° 3 Series / 30° 5 Series

Matrila 30°

Matrila Part Number	Nominal Size (mm)		Type / Code	Approximate Dimensions (mm)			
	Ø	Ø		Ø	L1	Ø D1	L2
303-0-0	100	8	400x1.5	30	30	10	30
303-0-1	100	8	400x1.5	30	30	10	30
303-0-2	100	8	400x1.5	30	30	10	30
303-0-3	100	10	400x1.5	30	40	10	30
303-0-4	100	12	400x1.5	30	40	10	30
303-10-10	100	10	400x1.5	40	40	10	30
303-10-12	100	12	400x1.5	40	40	10	30
303-10-16	100	16	400x1.5	40	40	10	30
303-20-20	150	20	400x1.5	50	50	10	30
303-20-24	150	24	400x1.5	50	50	10	30
303-24-24	150	24	400x1.5	50	50	10	30



Remotes (Radio Protocol) Models

(Remote Only)

Model Part Number	Remotes per Transmitter/Receiver	Sig. Output Power	Metric 30°		
			Power Output (mW)		
			12"	100'	1000'
2023-01-01	600	100mW	10	4	10
2023-01-02	600	100mW	10	4	10
2023-01-03	600	100mW	10	6.5	10
2023-01-04	600	100mW	10.5	5.5	10
2023-01-05	600	100mW	20	11.5	10
2023-02-01	600	100mW	13.5	14.5	10
2023-03-01	60	100mW	10	10.5	10
2023-03-02	1-14	100mW	10	10.5	10

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270 Series of 30° Beats

BSP 30°

Komet Part Number	Nominal Lip Dimensions (mm)		Sig. Depth (mm)	Approx. Dimensions (mm)		
	Ø ₁	Ø ₂		L ₁	L ₂	L ₃
270-0-0	100	8	0.007-10	11	4	10
270-0-0	100	8	0.007-10	20	4	17
270-0-0	100	10	0.007-10	18	6.5	20
270-0-0	100	10	0.007-10	20	6.5	20
270-0-0	100	12	0.007-10	20	6.5	27
270-10-10	100	10	0.007-10	24.5	11.5	10
270-10-10	100	20	0.007-10	20	14.5	10
270-10-10	100	20	0.007-10	20	14.5	10
270-20-20	100	10	0.007-10	20	14.5	10
270-20-20	100	20	0.007-10	24	14.5	10
270-30-30	100	10	0.007-10	24	14.5	10



BSP Tiga Marga MP Maritim Rubberum

MP MP Tiga Marga (Maritim Rubberum)

BSP 30°

Kode Part Number	Nominal Pipe Size (NPS)		Big End Thread	Small End (mm)			
	DN	OD		W	L ₁	W ₂	L ₂
211-01-01	1/2"	1.315	1/2-11.5	19	40	14	19
211-01-02	3/4"	1.915	3/4-11.5	26	40	19	27
211-01-03	1"	2.54	1-11.5	33	40	25.5	33
211-01-04	1 1/4"	3.54	1 1/4-11.5	41	40	33	47
211-01-05	1 1/2"	4.175	1 1/2-11.5	48	40	38	54
211-02-10	1"	2.54	1-11.5	33	40	25.5	33
211-02-11	1 1/4"	3.54	1 1/4-11.5	41	40	33	47
211-02-12	1 1/2"	4.175	1 1/2-11.5	48	40	38	54
211-02-13	2"	5.08	2-11.5	57	40	47.5	63

211 Series & 211 Series II



2022 Serie de Finales 10°

BSP 10°

BSP 10° Part Number	Horizontal (mm)		kg (lb)	Vertical (mm)			
	Ø	W		H	L1	L2	W
BSP-10-6	100	6	0.007 (0.6)	32	32	4	16
BSP-10-8	100	8	0.021 (1.6)	35	35	6	20
BSP-10-10	100	10	0.039 (2.9)	38	38	8.5	23
BSP-10-12	100	12	0.057 (4.3)	40	40	11	27
BSP-10-14	100	14	0.075 (5.6)	44	44	13.5	27
BSP-10-16	100	16	0.093 (7.0)	46	46	16.5	30
BSP-10-18	100	18	0.111 (8.4)	48	48	19.5	33
BSP-10-20	100	20	0.129 (9.8)	50	50	22.5	36
BSP-10-22	100	22	0.147 (11.2)	52	52	25.5	39
BSP-10-24	100	24	0.165 (12.6)	54	54	28.5	42
BSP-10-26	100	26	0.183 (14.0)	56	56	31.5	45



Free Metal Selection

8007 - Metric Range

Free! Metric

Metric Part Number	Material / Size (mm)		Key Dimensions (mm)		
	Size	TH	L1	L2	WT
230-6-00	6x6	6	66	26	4
230-6-10	6x6	6	66	30	4
230-6-20	6x6	6	66	34.5	6
230-6-30	6x6	6	66	39	6
230-6-40	6x6	6	66	43.5	6
230-6-50	6x6	10	66	26	6.5
230-6-60	6x6	10	66	30	6.5
230-6-70	6x6	10	66	34	6.5
230-6-80	6x6	10	66	38	6.5
230-6-90	6x6	10	66	42	6.5
230-8-00	8x8	8	86	30	6.5
230-8-10	8x8	8	86	34	6.5
230-8-20	8x8	10	86	38	6.5
230-8-30	8x8	10	86	42	6.5
230-8-40	8x8	10	86	46	6.5
230-8-50	8x8	10	86	50	6.5
230-8-60	8x8	10	86	54	6.5
230-8-70	8x8	10	86	58	6.5
230-8-80	8x8	10	86	62	6.5
230-8-90	8x8	10	86	66	6.5
230-10-00	10x10	10	106	60	11.0
230-10-10	10x10	10	106	64	11.0
230-10-20	10x10	10	106	68	11.0
230-10-30	10x10	10	106	72	11.0
230-10-40	10x10	10	106	76	11.0
230-10-50	10x10	10	106	80	11.0
230-10-60	10x10	10	106	84	11.0
230-10-70	10x10	10	106	88	11.0
230-10-80	10x10	10	106	92	11.0
230-10-90	10x10	10	106	96	11.0

2300 Series of 2300 Series



2025. évi áru listája / 2025. évi áru listája

Áru Ekv

Áru No. Part Number	Metform Áru (Áru) Metform Number		Metform Mennyiség (Áru) Metform Quantity (Unit)		
	Áru	Áru	Áru	Áru	Áru
2025-01	Áru	Áru	Áru	Áru	Áru
2025-02	Áru	Áru	Áru	Áru	Áru
2025-03	Áru	Áru	Áru	Áru	Áru
2025-04	Áru	Áru	Áru	Áru	Áru
2025-05	Áru	Áru	Áru	Áru	Áru
2025-06	Áru	Áru	Áru	Áru	Áru
2025-07	Áru	Áru	Áru	Áru	Áru
2025-08	Áru	Áru	Áru	Áru	Áru
2025-09	Áru	Áru	Áru	Áru	Áru
2025-10	Áru	Áru	Áru	Áru	Áru
2025-11	Áru	Áru	Áru	Áru	Áru
2025-12	Áru	Áru	Áru	Áru	Áru
2025-13	Áru	Áru	Áru	Áru	Áru
2025-14	Áru	Áru	Áru	Áru	Áru
2025-15	Áru	Áru	Áru	Áru	Áru
2025-16	Áru	Áru	Áru	Áru	Áru
2025-17	Áru	Áru	Áru	Áru	Áru



DINISO Harmon Railclips

DINISO Harmon Head Filings

(to DIN 914)

DINISO

Head Size Part number	Harmon Filings Head (to DIN 914)		Key Height Thread	Key Height (to DIN 914)			
	Size	Qty		L1	L21	L3	L4
200-6-6	6M	6	M6x1.0	25	4	16	16
200-6-10	6M	6	M6x1.0	30	4	20	16
200-6-8	8M	8	M8x1.0	25	6	16	16
200-6-10	8M	8	M8x1.0	30	6	20	16
200-6-8	8M	10	M8x1.0	25	6.5	16	16
200-6-10	8M	10	M8x1.0	25	6.5	16	16
200-6-10	8M	10	M8x1.0	30	6.5	20	16
200-6-12	8M	10	M8x1.0	30	6.5	24	16
200-6-10	10M	12	M10x1.0	30	10	20	16
200-6-12	10M	12	M10x1.0	30	10	24	16
200-6-10	10M	12	F1.0	30	10	20	24
200-10-10	10M	10	F1.0	40	11.5	30	24
200-10-20	10M	10	F1.0	44	11.5	36	24
200-12-20	10M	10	F1.0	44	12.5	36	24
200-12-20	10M	10	F1.0	47	12.5	42	24
200-16-20	F1	10	F1.0	47	16.5	42	24
200-16-20	F1	10	F1.0	49	16.5	46	42
200-20-20	F1.0	12	F1.0	50	16.5	50	42
200-20-20	F1.0	10	F1.0	54	16.5	50	50

SEE PAGE 50 OF 77 FOR MORE DATA



20" Section / 20" Sections

GRPS							
Rod No. Part Number	Removal Key Removal Position		Key Style/1 Thread	Mount Style/2 (mm)			
	Type	PK		W	L1	L2	L3
201-0-00	rod	0	Hex/UNC	30	30	4	19
201-0-10	rod	0	Hex/UNC	30	30	4	20
201-0-01	rod	0	Hex/UNC	30	40	6	19
201-0-11	rod	0	Hex/UNC	30	40	6.5	20
201-0-02	rod	10	Hex/UNC	30	40	6.5	19
201-0-12	rod	10	Hex/UNC	30	40	6.5	20
201-0-03	rod	10	Hex/UNC	30	40	9.5	20
201-0-13	rod	10	Hex/UNC	30	40	9.5	20
201-0-04	rod	10	Flt.	30	30	11.5	20
201-00-00	rod	10	Flt.	30	30	11.5	20
201-00-10	rod	10	Flt./UNC	30	30	11.5	20
201-00-20	rod	20	Flt./UNC	30	70	14.5	20
201-00-25	rod	20	Flt./UNC	30	70	14.5	21
201-00-26	r	20	Flt./UNC	30	60	14.5	21
201-00-32	r	20	Flt./UNC	40	65	14.5	20
201-00-33	r/rod	20	Flt./UNC	40	65	20.5	20
201-00-40	r/rod	40	Flt.	50	105	20.5	20



ORPS 10' Hydraulic Subsystem

10' - 1000's, 1000's and 1000's 10'

ORPS

Ball No. Part Number	Hydraulic Line Maximum Pressure		Qty. Hydraulic Threads	Mount Depth (mm) Ball Center to End			
	1000's	1000's		10'	10'	1000's	10'
202-10-01	1/2"	3/4"	1/2" UNF x 1.5"	28	30	4	19
202-10-10	1/2"	3/4"	1/2" UNF x 1.5"	30	32	4	20
202-10-02	1/2"	3/4"	1/2" UNF x 1.5"	32	34	5.5	19
202-10-11	1/2"	3/4"	1/2" UNF x 1.5"	34	36	5.5	20
202-10-03	1/2"	3/4"	1/2" UNF x 1.5"	36	38	5.5	20
202-10-12	1/2"	3/4"	1/2" UNF x 1.5"	36	38	5.5	19
202-10-13	1/2"	3/4"	1/2" UNF x 1.5"	38	40	5.5	24
202-10-14	1/2"	3/4"	1/2" UNF x 1.5"	40	42	5.5	20
202-10-15	1/2"	3/4"	1/2" UNF x 1.5"	40	42	5.5	24
202-10-16	1/2"	3/4"	1/2" UNF x 1.5"	42	44	5.5	20
202-10-17	1/2"	3/4"	1/2" UNF x 1.5"	44	46	5.5	24
202-10-18	1/2"	3/4"	1/2" UNF x 1.5"	46	48	5.5	20
202-10-19	1/2"	3/4"	1/2" UNF x 1.5"	48	50	5.5	24
202-10-20	1/2"	3/4"	1/2" UNF x 1.5"	50	52	5.5	20
202-10-21	1/2"	3/4"	1/2" UNF x 1.5"	52	54	5.5	24
202-10-22	1/2"	3/4"	1/2" UNF x 1.5"	54	56	5.5	20
202-10-23	1/2"	3/4"	1/2" UNF x 1.5"	56	58	5.5	24
202-10-24	1/2"	3/4"	1/2" UNF x 1.5"	58	60	5.5	20
202-10-25	1/2"	3/4"	1/2" UNF x 1.5"	60	62	5.5	24
202-10-26	1/2"	3/4"	1/2" UNF x 1.5"	62	64	5.5	20
202-10-27	1/2"	3/4"	1/2" UNF x 1.5"	64	66	5.5	24
202-10-28	1/2"	3/4"	1/2" UNF x 1.5"	66	68	5.5	20
202-10-29	1/2"	3/4"	1/2" UNF x 1.5"	68	70	5.5	24
202-10-30	1/2"	3/4"	1/2" UNF x 1.5"	70	72	5.5	20
202-10-31	1/2"	3/4"	1/2" UNF x 1.5"	72	74	5.5	24
202-10-32	1/2"	3/4"	1/2" UNF x 1.5"	74	76	5.5	20
202-10-33	1/2"	3/4"	1/2" UNF x 1.5"	76	78	5.5	24
202-10-34	1/2"	3/4"	1/2" UNF x 1.5"	78	80	5.5	20
202-10-35	1/2"	3/4"	1/2" UNF x 1.5"	80	82	5.5	24
202-10-36	1/2"	3/4"	1/2" UNF x 1.5"	82	84	5.5	20
202-10-37	1/2"	3/4"	1/2" UNF x 1.5"	84	86	5.5	24
202-10-38	1/2"	3/4"	1/2" UNF x 1.5"	86	88	5.5	20
202-10-39	1/2"	3/4"	1/2" UNF x 1.5"	88	90	5.5	24
202-10-40	1/2"	3/4"	1/2" UNF x 1.5"	90	92	5.5	20
202-10-41	1/2"	3/4"	1/2" UNF x 1.5"	92	94	5.5	24
202-10-42	1/2"	3/4"	1/2" UNF x 1.5"	94	96	5.5	20
202-10-43	1/2"	3/4"	1/2" UNF x 1.5"	96	98	5.5	24
202-10-44	1/2"	3/4"	1/2" UNF x 1.5"	98	100	5.5	20
202-10-45	1/2"	3/4"	1/2" UNF x 1.5"	100	102	5.5	24
202-10-46	1/2"	3/4"	1/2" UNF x 1.5"	102	104	5.5	20
202-10-47	1/2"	3/4"	1/2" UNF x 1.5"	104	106	5.5	24
202-10-48	1/2"	3/4"	1/2" UNF x 1.5"	106	108	5.5	20
202-10-49	1/2"	3/4"	1/2" UNF x 1.5"	108	110	5.5	24
202-10-50	1/2"	3/4"	1/2" UNF x 1.5"	110	112	5.5	20
202-10-51	1/2"	3/4"	1/2" UNF x 1.5"	112	114	5.5	24
202-10-52	1/2"	3/4"	1/2" UNF x 1.5"	114	116	5.5	20
202-10-53	1/2"	3/4"	1/2" UNF x 1.5"	116	118	5.5	24
202-10-54	1/2"	3/4"	1/2" UNF x 1.5"	118	120	5.5	20
202-10-55	1/2"	3/4"	1/2" UNF x 1.5"	120	122	5.5	24
202-10-56	1/2"	3/4"	1/2" UNF x 1.5"	122	124	5.5	20
202-10-57	1/2"	3/4"	1/2" UNF x 1.5"	124	126	5.5	24
202-10-58	1/2"	3/4"	1/2" UNF x 1.5"	126	128	5.5	20
202-10-59	1/2"	3/4"	1/2" UNF x 1.5"	128	130	5.5	24
202-10-60	1/2"	3/4"	1/2" UNF x 1.5"	130	132	5.5	20
202-10-61	1/2"	3/4"	1/2" UNF x 1.5"	132	134	5.5	24
202-10-62	1/2"	3/4"	1/2" UNF x 1.5"	134	136	5.5	20
202-10-63	1/2"	3/4"	1/2" UNF x 1.5"	136	138	5.5	24
202-10-64	1/2"	3/4"	1/2" UNF x 1.5"	138	140	5.5	20
202-10-65	1/2"	3/4"	1/2" UNF x 1.5"	140	142	5.5	24
202-10-66	1/2"	3/4"	1/2" UNF x 1.5"	142	144	5.5	20
202-10-67	1/2"	3/4"	1/2" UNF x 1.5"	144	146	5.5	24
202-10-68	1/2"	3/4"	1/2" UNF x 1.5"	146	148	5.5	20
202-10-69	1/2"	3/4"	1/2" UNF x 1.5"	148	150	5.5	24
202-10-70	1/2"	3/4"	1/2" UNF x 1.5"	150	152	5.5	20
202-10-71	1/2"	3/4"	1/2" UNF x 1.5"	152	154	5.5	24
202-10-72	1/2"	3/4"	1/2" UNF x 1.5"	154	156	5.5	20
202-10-73	1/2"	3/4"	1/2" UNF x 1.5"	156	158	5.5	24
202-10-74	1/2"	3/4"	1/2" UNF x 1.5"	158	160	5.5	20
202-10-75	1/2"	3/4"	1/2" UNF x 1.5"	160	162	5.5	24
202-10-76	1/2"	3/4"	1/2" UNF x 1.5"	162	164	5.5	20
202-10-77	1/2"	3/4"	1/2" UNF x 1.5"	164	166	5.5	24
202-10-78	1/2"	3/4"	1/2" UNF x 1.5"	166	168	5.5	20
202-10-79	1/2"	3/4"	1/2" UNF x 1.5"	168	170	5.5	24
202-10-80	1/2"	3/4"	1/2" UNF x 1.5"	170	172	5.5	20
202-10-81	1/2"	3/4"	1/2" UNF x 1.5"	172	174	5.5	24
202-10-82	1/2"	3/4"	1/2" UNF x 1.5"	174	176	5.5	20
202-10-83	1/2"	3/4"	1/2" UNF x 1.5"	176	178	5.5	24
202-10-84	1/2"	3/4"	1/2" UNF x 1.5"	178	180	5.5	20
202-10-85	1/2"	3/4"	1/2" UNF x 1.5"	180	182	5.5	24
202-10-86	1/2"	3/4"	1/2" UNF x 1.5"	182	184	5.5	20
202-10-87	1/2"	3/4"	1/2" UNF x 1.5"	184	186	5.5	24
202-10-88	1/2"	3/4"	1/2" UNF x 1.5"	186	188	5.5	20
202-10-89	1/2"	3/4"	1/2" UNF x 1.5"	188	190	5.5	24
202-10-90	1/2"	3/4"	1/2" UNF x 1.5"	190	192	5.5	20
202-10-91	1/2"	3/4"	1/2" UNF x 1.5"	192	194	5.5	24
202-10-92	1/2"	3/4"	1/2" UNF x 1.5"	194	196	5.5	20
202-10-93	1/2"	3/4"	1/2" UNF x 1.5"	196	198	5.5	24
202-10-94	1/2"	3/4"	1/2" UNF x 1.5"	198	200	5.5	20
202-10-95	1/2"	3/4"	1/2" UNF x 1.5"	200	202	5.5	24
202-10-96	1/2"	3/4"	1/2" UNF x 1.5"	202	204	5.5	20
202-10-97	1/2"	3/4"	1/2" UNF x 1.5"	204	206	5.5	24
202-10-98	1/2"	3/4"	1/2" UNF x 1.5"	206	208	5.5	20
202-10-99	1/2"	3/4"	1/2" UNF x 1.5"	208	210	5.5	24
202-10-100	1/2"	3/4"	1/2" UNF x 1.5"	210	212	5.5	20

2022 Standard & 2022 Services



2023 Standard Price Schedule

ORFS								
Part No. Part Number	Nominally Size (See Inside Dimensions)		Std. Depth (Inches)	Body Diameter (mm)				
	Size	End		Thread	L1	L2 Dia	L3	Shoulder
200-01-01	1/2"	B	0.750	1.315	24	4	11	1.360
200-01-10	1/2"	B	0.750	1.315	24	4	19	1.360
200-01-02	3/8"	B	0.750	1.063	24	12	11	1.360
200-01-11	3/8"	B	0.750	1.063	24	12	19	1.360
200-01-03	3/8"	10	0.750	1.063	24	8.0	11	1.360
200-01-12	3/8"	10	0.750	1.063	24	8.0	19	1.360
200-01-13	3/8"	10	0.750	1.063	28	8.0	22	1.360
200-01-14	1/2"	12	0.750	1.315	24	8.0	19	1.360
200-01-15	1/2"	12	0.750	1.315	28	8.0	22	1.360
200-01-16	1/2"	16	0.750	1.315	24	8.0	24	1.360
200-01-17	1/2"	16	0.750	1.315	28	8.0	24	1.360
200-02-01	1/2"	16	1.000	1.315	24	8.0	22	1.360
200-02-02	1/2"	20	1.000	1.315	24	8.0	22	1.360
200-02-03	1/2"	20	1.000	1.315	28	8.0	22	1.360
200-02-04	1"	20	1.000	1.315	28	8.0	22	1.360
200-02-05	1"	20	1.000	1.315	24	8.0	22	1.360
200-02-06	1.5"	20	1.000	1.315	24	8.0	22	1.360
200-02-07	1.5"	20	1.000	1.315	28	8.0	22	1.360
200-02-08	1.5"	24	1.000	1.315	24	8.0	22	1.360
200-02-09	1.5"	24	1.000	1.315	28	8.0	22	1.360



DRFS Gear Box Motion Selection

DRFS Gear Box (Long Type)
 DRFS-01

DRFS

Part No. Part Name	Motion Type		No. of Gear Tooth	Gear Ratio (mm)				
	Size	Len		2.5	3	4	5	6
2344-01-01	100"	4	18/28 Tooth	0.75	0.6	0.5	0.4	0.33
2344-01-02	100"	4	18/28 Tooth	0.75	0.6	0.5	0.4	0.33
2344-01-03	100"	10	18/28 Tooth	0.75	0.6	0.5	0.4	0.33
2344-01-04	100"	12	18/28 Tooth	0.75	0.6	0.5	0.4	0.33
2344-01-05	100"	10	18/28 Tooth	0.75	0.6	0.5	0.4	0.33
2344-01-06	100"	12	17/28	0.75	0.6	0.5	0.4	0.33
2344-01-08	100"	10	17/28	0.75	0.6	0.5	0.4	0.33
2344-01-09	100"	20	17/28 Tooth	0.75	0.6	0.5	0.4	0.33
2344-01-10	1"	20	17/28 Tooth	0.75	0.6	0.5	0.4	0.33
2344-01-12	100"	22	17/28 Tooth	0.75	0.6	0.5	0.4	0.33

DRFS Gear Box / 2344 Series



AUTOLOK

240 Series / 240 Series

Part No. Part Number	Mounting Lug Mounting Bracket		Mounting Pin (mm) Mounting Pin (mm)		
	Type	DN	ØD	L1	L2
240-01-01	100°	10	16.0	25	4
240-02-01	100°	10	16.0	25	4
240-03-01	100°	10	16.0	25	5.0
240-04-01	100°	12	20.0	25	5.0
240-05-01	100°	15	20.0	25	10.5
240-101-01	100°	20	20.0	37	14.0
240-102-01	90°	20	20.0	40	15.0
240-201-01	17.5°	30	20.0	40	24.0



Tajprač s kolesom

Prilagodljive nastave

Tajprač s kolesom Priloge

Naziv Priloga	Materijal (glatko ili završeno)	Mjere (glatko) (mm)			
		BC	L1	L2	Ø D2
2670-8	88°	65	75	65	55
2670-8	62°	65	75	65	55
2670-100	88°	100	100	100	75
2670-120	88°	100	100	100	75
2670-180	1°	170	170	90	75

2670-8, 2670-100, 2670-120, 2670-180



UNF 37"

2025 Serial 704 to Present

Part No. Part Number	Material (Type and Heat Treatment)	Length (Inches) Minimum to (Inches)
QTY	F	L
2025-001	304L SS	50
2025-002	304L SS	50
2025-003	304L SS	50
2025-004	304L SS	50
2025-005	304L SS	50
2025-006	304L SS	50
2025-007	304L SS	50
2025-008	304L SS	50
2025-009	304L SS	50
2025-010	304L SS	50
2025-011	304L SS	50
2025-012	304L SS	50
2025-013	304L SS	50
2025-014	304L SS	50
2025-015	304L SS	50
2025-016	304L SS	50
2025-017	304L SS	50
2025-018	304L SS	50
2025-019	304L SS	50
2025-020	304L SS	50
2025-021	304L SS	50
2025-022	304L SS	50
2025-023	304L SS	50
2025-024	304L SS	50
2025-025	304L SS	50
2025-026	304L SS	50
2025-027	304L SS	50
2025-028	304L SS	50
2025-029	304L SS	50
2025-030	304L SS	50
2025-031	304L SS	50
2025-032	304L SS	50
2025-033	304L SS	50
2025-034	304L SS	50
2025-035	304L SS	50
2025-036	304L SS	50
2025-037	304L SS	50
2025-038	304L SS	50
2025-039	304L SS	50
2025-040	304L SS	50
2025-041	304L SS	50
2025-042	304L SS	50
2025-043	304L SS	50
2025-044	304L SS	50
2025-045	304L SS	50
2025-046	304L SS	50
2025-047	304L SS	50
2025-048	304L SS	50
2025-049	304L SS	50
2025-050	304L SS	50
2025-051	304L SS	50
2025-052	304L SS	50
2025-053	304L SS	50
2025-054	304L SS	50
2025-055	304L SS	50
2025-056	304L SS	50
2025-057	304L SS	50
2025-058	304L SS	50
2025-059	304L SS	50
2025-060	304L SS	50
2025-061	304L SS	50
2025-062	304L SS	50
2025-063	304L SS	50
2025-064	304L SS	50
2025-065	304L SS	50
2025-066	304L SS	50
2025-067	304L SS	50
2025-068	304L SS	50
2025-069	304L SS	50
2025-070	304L SS	50
2025-071	304L SS	50
2025-072	304L SS	50
2025-073	304L SS	50
2025-074	304L SS	50
2025-075	304L SS	50
2025-076	304L SS	50
2025-077	304L SS	50
2025-078	304L SS	50
2025-079	304L SS	50
2025-080	304L SS	50
2025-081	304L SS	50
2025-082	304L SS	50
2025-083	304L SS	50
2025-084	304L SS	50
2025-085	304L SS	50
2025-086	304L SS	50
2025-087	304L SS	50
2025-088	304L SS	50
2025-089	304L SS	50
2025-090	304L SS	50
2025-091	304L SS	50
2025-092	304L SS	50
2025-093	304L SS	50
2025-094	304L SS	50
2025-095	304L SS	50
2025-096	304L SS	50
2025-097	304L SS	50
2025-098	304L SS	50
2025-099	304L SS	50
2025-100	304L SS	50



Keyhole Spigot
 (with clamping)

Keyhole Bolts

Metric Part Number	Nominal Spigot (with clamping)		Nominal Bolt (with clamping)		
	Size	Length	Length	Length	L1
307-01	M6 ¹	6	6	10	16
307-02	M6 ¹	8	6	12	18
307-03	M6 ¹	8	6	12	18
307-04	M6 ¹	10	6.5	14	20
307-05	M6 ¹	10	6.5	14	20
307-06	M6 ¹	14	11.5	20	26
307-07	M6 ¹	20	14.5	26	32
307-08	1/2"	20	19.5	32	38
307-09	M8 ¹	20	19.5	32	38
307-10	M8 ¹	25	19.5	37	43

2017 Series / 2017 Series



Metrik-BSP

2-400 Standard / 2-400 Super-Steigeisen

Weges Part Number	Sig. Symbol (mm)	Weges Symbol (mm)		
		L1	L2	L3
2-400-01-0	M10x1	16	16,5	16
2-400-01-2	M10x1,5	16	17,5	16
2-400-01-3	M10x1,95	16	17,5	16
2-400-01-5	M10x1,5	24	16,5	17
2-400-01-6	M10x1,5	27	16,5	19
2-400-01-10	M10x1,5	30	16	20
2-400-01-12	M10x1,5	33	16,5	24
ISO				
2-400-02	M12x1,5	16	16,5	16
2-400-03	M12x1,5	27	16,5	16
2-400-04	M12x1,5	30	16	20
2-400-05	M12x1,5	33	17	21



2019-3, Serial 7, 2019-3, Serial 8

ESP/Matrix 34° Tip G

Part No. Part Number	Qty Required Recliner		Recliner Backrest (mm) Recliner Backrest (mm)								
	QTY	T	L1	L2	L3	L4	L5	L6	L7	L8	Width
2019-3-01-01	ESP-100	ESP-100	80	20	20	10	10	10	10	10	10
2019-3-01-02	ESP-100	ESP-100	80	20	20	10	10	10	10	10	10
2019-3-01-03	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-04	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-05	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-06	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-07	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-08	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-09	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-10	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-11	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-12	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-13	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-14	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-15	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-16	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-17	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-18	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-19	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-20	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-21	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-22	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-23	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-24	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-25	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-26	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-27	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-28	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-29	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10
2019-3-01-30	ESP-100	ESP-100	80	20	20	10	10	10	10	20	10



Iron Ballpoint Nibbers

Straight Blade Ballpoint Nibbers

2-2P Metric 24° Tip L

Part No. Part Number	Tip Angle Inches		Nose Radius (mm) Diameters (mm)								
	G	T	0.01	0.2	0.5	1.0	1.5	2.0	3.0	4.0	5.0
2502 L-24-0	0.0075-08	R 0.04-0	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-1	0.0075-16	R 0.04-1	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-2	0.0075-25	R 0.04-2	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-3	0.0075-38	R 0.04-3	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-5	0.0075-50	R 0.04-5	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-7.5	0.0075-75	R 0.04-7.5	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-10	0.0075-100	R 0.04-10	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-15	0.0075-150	R 0.04-15	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-20	0.0075-200	R 0.04-20	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-30	0.0075-300	R 0.04-30	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-40	0.0075-400	R 0.04-40	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-50	0.0075-500	R 0.04-50	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-75	0.0075-750	R 0.04-75	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-100	0.0075-1000	R 0.04-100	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-150	0.0075-1500	R 0.04-150	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-200	0.0075-2000	R 0.04-200	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-300	0.0075-3000	R 0.04-300	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-400	0.0075-4000	R 0.04-400	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-500	0.0075-5000	R 0.04-500	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-750	0.0075-7500	R 0.04-750	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2502 L-24-1000	0.0075-10000	R 0.04-1000	0.6	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0

2502 L-24-000 / 2502 L-24-001



WSP-Matrix 24° Tig. 5

250-05 - Serial / 250-05 - Serial 8

Part No. Part Number	Top Diameter Diam.		Hole Diameter (mm) Diam. (mm)								
	D	T	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	
250-05-08	WSP-08	WSP-08	8.0	8.0	2.0	2.2	2.4	2.6	2.8	3.0	3.2
250-05-09	WSP-09	WSP-09	8.0	8.0	2.0	2.2	2.4	2.6	2.8	3.0	3.2
250-05-10	WSP-10	WSP-10	8.0	8.0	2.0	2.2	2.4	2.6	2.8	3.0	3.2
250-05-12	WSP-12	WSP-12	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-13	WSP-13	WSP-13	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-15	WSP-15	WSP-15	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-16	WSP-16	WSP-16	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-18	WSP-18	WSP-18	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-20	WSP-20	WSP-20	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-22	WSP-22	WSP-22	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-24	WSP-24	WSP-24	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-26	WSP-26	WSP-26	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-28	WSP-28	WSP-28	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-30	WSP-30	WSP-30	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-32	WSP-32	WSP-32	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-34	WSP-34	WSP-34	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-36	WSP-36	WSP-36	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-38	WSP-38	WSP-38	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-40	WSP-40	WSP-40	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-42	WSP-42	WSP-42	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-44	WSP-44	WSP-44	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-46	WSP-46	WSP-46	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-48	WSP-48	WSP-48	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-50	WSP-50	WSP-50	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-52	WSP-52	WSP-52	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-54	WSP-54	WSP-54	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-56	WSP-56	WSP-56	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-58	WSP-58	WSP-58	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-60	WSP-60	WSP-60	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-62	WSP-62	WSP-62	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-64	WSP-64	WSP-64	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-66	WSP-66	WSP-66	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-68	WSP-68	WSP-68	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-70	WSP-70	WSP-70	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-72	WSP-72	WSP-72	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-74	WSP-74	WSP-74	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-76	WSP-76	WSP-76	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-78	WSP-78	WSP-78	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-80	WSP-80	WSP-80	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-82	WSP-82	WSP-82	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-84	WSP-84	WSP-84	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-86	WSP-86	WSP-86	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-88	WSP-88	WSP-88	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-90	WSP-90	WSP-90	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-92	WSP-92	WSP-92	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-94	WSP-94	WSP-94	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-96	WSP-96	WSP-96	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-98	WSP-98	WSP-98	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6
250-05-100	WSP-100	WSP-100	8.0	8.0	2.4	2.6	2.8	3.0	3.2	3.4	3.6



Iron Balljoint Hangers

Straight Male End Connector

ECCO/Merida 26" Top L

ECCO Part Number	Qty. Required (each)		Support Spacing (mm)							
	T	T ₁	2.00	2.5	3.0	3.5	4.0	4.5	5.0	5.5
2601-0-00-00	1	1	1	1	1	1	1	1	1	1
2601-0-00-01	1	1	1	1	1	1	1	1	1	1
2601-0-00-02	1	1	1	1	1	1	1	1	1	1
2601-0-00-03	1	1	1	1	1	1	1	1	1	1
2601-0-00-04	1	1	1	1	1	1	1	1	1	1
2601-0-00-05	1	1	1	1	1	1	1	1	1	1
2601-0-00-06	1	1	1	1	1	1	1	1	1	1
2601-0-00-07	1	1	1	1	1	1	1	1	1	1
2601-0-00-08	1	1	1	1	1	1	1	1	1	1
2601-0-00-09	1	1	1	1	1	1	1	1	1	1
2601-0-00-10	1	1	1	1	1	1	1	1	1	1
2601-0-00-11	1	1	1	1	1	1	1	1	1	1
2601-0-00-12	1	1	1	1	1	1	1	1	1	1
2601-0-00-13	1	1	1	1	1	1	1	1	1	1
2601-0-00-14	1	1	1	1	1	1	1	1	1	1
2601-0-00-15	1	1	1	1	1	1	1	1	1	1
2601-0-00-16	1	1	1	1	1	1	1	1	1	1
2601-0-00-17	1	1	1	1	1	1	1	1	1	1
2601-0-00-18	1	1	1	1	1	1	1	1	1	1
2601-0-00-19	1	1	1	1	1	1	1	1	1	1
2601-0-00-20	1	1	1	1	1	1	1	1	1	1
2601-0-00-21	1	1	1	1	1	1	1	1	1	1
2601-0-00-22	1	1	1	1	1	1	1	1	1	1
2601-0-00-23	1	1	1	1	1	1	1	1	1	1
2601-0-00-24	1	1	1	1	1	1	1	1	1	1
2601-0-00-25	1	1	1	1	1	1	1	1	1	1
2601-0-00-26	1	1	1	1	1	1	1	1	1	1
2601-0-00-27	1	1	1	1	1	1	1	1	1	1
2601-0-00-28	1	1	1	1	1	1	1	1	1	1
2601-0-00-29	1	1	1	1	1	1	1	1	1	1
2601-0-00-30	1	1	1	1	1	1	1	1	1	1
2601-0-00-31	1	1	1	1	1	1	1	1	1	1
2601-0-00-32	1	1	1	1	1	1	1	1	1	1
2601-0-00-33	1	1	1	1	1	1	1	1	1	1
2601-0-00-34	1	1	1	1	1	1	1	1	1	1
2601-0-00-35	1	1	1	1	1	1	1	1	1	1
2601-0-00-36	1	1	1	1	1	1	1	1	1	1
2601-0-00-37	1	1	1	1	1	1	1	1	1	1
2601-0-00-38	1	1	1	1	1	1	1	1	1	1
2601-0-00-39	1	1	1	1	1	1	1	1	1	1
2601-0-00-40	1	1	1	1	1	1	1	1	1	1
2601-0-00-41	1	1	1	1	1	1	1	1	1	1
2601-0-00-42	1	1	1	1	1	1	1	1	1	1
2601-0-00-43	1	1	1	1	1	1	1	1	1	1
2601-0-00-44	1	1	1	1	1	1	1	1	1	1
2601-0-00-45	1	1	1	1	1	1	1	1	1	1
2601-0-00-46	1	1	1	1	1	1	1	1	1	1
2601-0-00-47	1	1	1	1	1	1	1	1	1	1
2601-0-00-48	1	1	1	1	1	1	1	1	1	1
2601-0-00-49	1	1	1	1	1	1	1	1	1	1
2601-0-00-50	1	1	1	1	1	1	1	1	1	1
2601-0-00-51	1	1	1	1	1	1	1	1	1	1
2601-0-00-52	1	1	1	1	1	1	1	1	1	1
2601-0-00-53	1	1	1	1	1	1	1	1	1	1
2601-0-00-54	1	1	1	1	1	1	1	1	1	1
2601-0-00-55	1	1	1	1	1	1	1	1	1	1
2601-0-00-56	1	1	1	1	1	1	1	1	1	1
2601-0-00-57	1	1	1	1	1	1	1	1	1	1
2601-0-00-58	1	1	1	1	1	1	1	1	1	1
2601-0-00-59	1	1	1	1	1	1	1	1	1	1
2601-0-00-60	1	1	1	1	1	1	1	1	1	1
2601-0-00-61	1	1	1	1	1	1	1	1	1	1
2601-0-00-62	1	1	1	1	1	1	1	1	1	1
2601-0-00-63	1	1	1	1	1	1	1	1	1	1
2601-0-00-64	1	1	1	1	1	1	1	1	1	1
2601-0-00-65	1	1	1	1	1	1	1	1	1	1
2601-0-00-66	1	1	1	1	1	1	1	1	1	1
2601-0-00-67	1	1	1	1	1	1	1	1	1	1
2601-0-00-68	1	1	1	1	1	1	1	1	1	1
2601-0-00-69	1	1	1	1	1	1	1	1	1	1
2601-0-00-70	1	1	1	1	1	1	1	1	1	1
2601-0-00-71	1	1	1	1	1	1	1	1	1	1
2601-0-00-72	1	1	1	1	1	1	1	1	1	1
2601-0-00-73	1	1	1	1	1	1	1	1	1	1
2601-0-00-74	1	1	1	1	1	1	1	1	1	1
2601-0-00-75	1	1	1	1	1	1	1	1	1	1
2601-0-00-76	1	1	1	1	1	1	1	1	1	1
2601-0-00-77	1	1	1	1	1	1	1	1	1	1
2601-0-00-78	1	1	1	1	1	1	1	1	1	1
2601-0-00-79	1	1	1	1	1	1	1	1	1	1
2601-0-00-80	1	1	1	1	1	1	1	1	1	1
2601-0-00-81	1	1	1	1	1	1	1	1	1	1
2601-0-00-82	1	1	1	1	1	1	1	1	1	1
2601-0-00-83	1	1	1	1	1	1	1	1	1	1
2601-0-00-84	1	1	1	1	1	1	1	1	1	1
2601-0-00-85	1	1	1	1	1	1	1	1	1	1
2601-0-00-86	1	1	1	1	1	1	1	1	1	1
2601-0-00-87	1	1	1	1	1	1	1	1	1	1
2601-0-00-88	1	1	1	1	1	1	1	1	1	1
2601-0-00-89	1	1	1	1	1	1	1	1	1	1
2601-0-00-90	1	1	1	1	1	1	1	1	1	1
2601-0-00-91	1	1	1	1	1	1	1	1	1	1
2601-0-00-92	1	1	1	1	1	1	1	1	1	1
2601-0-00-93	1	1	1	1	1	1	1	1	1	1
2601-0-00-94	1	1	1	1	1	1	1	1	1	1
2601-0-00-95	1	1	1	1	1	1	1	1	1	1
2601-0-00-96	1	1	1	1	1	1	1	1	1	1
2601-0-00-97	1	1	1	1	1	1	1	1	1	1
2601-0-00-98	1	1	1	1	1	1	1	1	1	1
2601-0-00-99	1	1	1	1	1	1	1	1	1	1

2014 Series / Part 1 Series



Models/Materials, 24" Tip 3)

20145 Series 147 / 2017-5 Series

Part No. Part Number	Qty. Applied Inches		Appl. Applied (mm) Dimensions (mm)								
	1	2	L1	L2	L3	L4	L5	L6	L7	L8	
2017-5-01-01	2017-5-01-01	2017-5-01-01	85	25	25	1.2	10	15	15	15	
2017-5-01-02	2017-5-01-02	2017-5-01-02	85	25	25	1.2	10	15	15	15	
2017-5-10-10	2017-5-10-10	2017-5-10-10	100	30	30	1.2	20	20	20	20	
2017-5-10-12	2017-5-10-12	2017-5-10-12	100	30	30	1.2	20	20	20	20	
2017-5-10-13	2017-5-10-13	2017-5-10-13	100	30	30	1.2	20	20	20	20	
2017-5-10-14	2017-5-10-14	2017-5-10-14	100	30	30	1.2	20	20	20	20	
2017-5-10-15	2017-5-10-15	2017-5-10-15	100	30	30	1.2	20	20	20	20	
2017-5-10-16	2017-5-10-16	2017-5-10-16	100	30	30	1.2	20	20	20	20	
2017-5-10-18	2017-5-10-18	2017-5-10-18	100	30	30	1.2	20	20	20	20	
2017-5-10-20	2017-5-10-20	2017-5-10-20	100	30	30	1.2	20	20	20	20	



Tens Railer

Resistor Adapter

BCPyMetric 16° Tip L

Part No. Part Number	Tip Detail Metric		Mount Dimensions (mm)						
	G	T	W1	L1	L2	W2	H	F	Pin Dia
2521-L-0-01	BCPy-16	M-Gal-5	16L	25.5	8	14	14	14	16
2521-L-0-01	BCPy-16	M-Gal-5	16L	27	8	14	14	14	16
2521-L-0-01	BCPy-16	M-Gal-5	16L	27	12	14	14	14	16
2521-L-0-10	BCPy-16	M-Gal-5	16L	25.5	12	14	14	14	16
2521-L-0-10	BCPy-16	M-Gal-5	16L	26.5	12	14	14	14	16
2521-L-0-01	BCPy-16	M-Gal-5	16L	26	12	20	20	14	16
2521-L-0-01	BCPy-16	M-Gal-5	16L	26	12	20	20	14	16
2521-L-0-10	BCPy-16	M-Gal-5	16L	26	12	20	20	14	16
2521-L-0-10	BCPy-16	M-Gal-5	16L	26	12	20	20	20	16
2521-L-0-10	BCPy-16	M-Gal-5	16L	26	14	27	27	14	16
2521-L-0-10	BCPy-16	M-Gal-5	16L	26	14	27	27	20	16
2521-L-0-10	BCPy-16	M-Gal-5	16L	27	14	27	27	27	16
2521-L-0-10	BCPy-16	M-Gal-5	16L	27.5	14	27	27	20	16
2521-L-0-20	BCPy-16	M-Gal-7	20L	27	14	27	27	16	16
2521-L-12-10	BCPy-16	M-Gal-5	16L	20.5	16	12	12	12	16
2521-L-12-20	BCPy-16	M-Gal-7	20L	16	16	12	12	12	16
2521-L-10-20	BCPy-16	M-Gal-7	20L	16	16	14	14	14	16
2521-L-20-20	BCPy-16	M-Gal-7	20L	42.5	20	16	16	16	16
2521-L-20-20	BCPy-16	M-Gal-7	20L	44	20	16	16	16	16



2521-L, Serial P2521, Serial 001



353 2-5 - Standard / 3530-5 - Special

BSP-Merkmale 24° Tip 5

Teil-Nr. Part Number	Ring-Height Height		Körper-Height (mm) Body Height (mm)						
	h	T	h 25	h 27	h 28	h 30	h 32	h 35	
3530-5-2-5	5.0	5.0	10.0	11.0	12.0	13.0	14.0	15.0	
3530-5-2-6	5.0	5.0	10.0	11.0	12.0	13.0	14.0	15.0	
3530-5-2-10	5.0	5.0	10.0	11.0	12.0	13.0	14.0	15.0	
3530-5-2-13	5.0	5.0	10.0	11.0	12.0	13.0	14.0	15.0	
3530-5-2-16	5.0	5.0	10.0	11.0	12.0	13.0	14.0	15.0	
3530-5-2-18	5.0	5.0	10.0	11.0	12.0	13.0	14.0	15.0	
3530-5-2-20	5.0	5.0	10.0	11.0	12.0	13.0	14.0	15.0	
3530-5-2-25	5.0	5.0	10.0	11.0	12.0	13.0	14.0	15.0	
3530-5-2-30	5.0	5.0	10.0	11.0	12.0	13.0	14.0	15.0	
3530-5-2-35	5.0	5.0	10.0	11.0	12.0	13.0	14.0	15.0	

Swedish Signal
 Swedish Customer - Metric

Metrik 15° Tip L/S

	Part No. Part number	Tip Diameter Spets		Bore Diameter (mm) Borrdiameter (mm)				
		T1	T2	Ø 10	Ø 12	Ø 14	Ø 16	Ø 18
L	2921-L-08-8	M08x1.5	M10x1.5	8.0	8.0	26	14	200
	2921-L-10-8	M10x1.5	M10x1.5	10.0	8.0	26	14	200
	2921-L-12-10	M10x1.5	M10x1.5	12.0	10.0	26	14	200
	2921-L-14-10	M14x1.5	M10x1.5	14.0	10.0	26	20	200
	2921-L-16-10	M16x1.5	M10x1.5	16.0	10.0	26	20	200
	2921-L-18-10	M18x1.5	M10x1.5	18.0	10.0	30	20	200
	2921-L-20-12	M20x1.5	M10x1.5	18.0	12.0	30	20	200
	2921-L-22-18	M22x2	M18x1.5	22.0	18.0	30	25	200
	2921-L-28-18	M28x2	M18x1.5	28.0	18.0	30	25	200
	2921-L-30-20	M30x2	M20x2	30.0	20.0	30	25	200
M	2921-M-12-10	M12x1.5	M10x1.5	12.0	10.0	30	20	200
	2921-M-14-10	M14x1.5	M10x1.5	14.0	10.0	30	20	200
	2921-M-20-10	M20x2	M10x1.5	20.0	10.0	30	20	200
	2921-M-25-20	M25x2	M20x2	25.0	20.0	30	25	200
	2921-M-30-18	M30x2	M18x1.5	30.0	18.0	30	25	200
	2921-M-30-20	M30x2	M20x2	30.0	20.0	30	25	200
	2921-M-30-25	M30x2	M25x2	30.0	25.0	30	25	200

2921-L, 2921-M, 2921-S, 2921-T, 2921-U



2566-L, Serial 07, 2566-L, Serien 06

ESPYMetric 24" Tip L

Model No. Part Number	Qty. Digital Transducer		Range (Digital/Analog)						
	m	n	0.5m	1" / 2.54	1.0" / 2.54	1.0" / 2.54	1.0" / 2.54	1" / 2.54	1.0" / 2.54
2566-L-010	50000	50000	0.5	1	2.54	51	10	25.4	0.05
2566-L-015	50000	50000	0.5	1	2.54	75	15	25.4	0.05
2566-L-020	50000	50000	0.5	1	2.54	100	20	25.4	0.05
2566-L-030	50000	50000	0.5	1	2.54	150	30	25.4	0.05
2566-L-040	50000	50000	0.5	1	2.54	200	40	25.4	0.05
2566-L-050	50000	50000	0.5	1	2.54	250	50	25.4	0.05
2566-L-060	50000	50000	0.5	1	2.54	300	60	25.4	0.05
2566-L-070	50000	50000	0.5	1	2.54	350	70	25.4	0.05
2566-L-080	50000	50000	0.5	1	2.54	400	80	25.4	0.05
2566-L-090	50000	50000	0.5	1	2.54	450	90	25.4	0.05
2566-L-100	50000	50000	0.5	1	2.54	500	100	25.4	0.05
2566-L-110	50000	50000	0.5	1	2.54	550	110	25.4	0.05
2566-L-120	50000	50000	0.5	1	2.54	600	120	25.4	0.05
2566-L-130	50000	50000	0.5	1	2.54	650	130	25.4	0.05
2566-L-140	50000	50000	0.5	1	2.54	700	140	25.4	0.05
2566-L-150	50000	50000	0.5	1	2.54	750	150	25.4	0.05
2566-L-160	50000	50000	0.5	1	2.54	800	160	25.4	0.05
2566-L-170	50000	50000	0.5	1	2.54	850	170	25.4	0.05
2566-L-180	50000	50000	0.5	1	2.54	900	180	25.4	0.05
2566-L-190	50000	50000	0.5	1	2.54	950	190	25.4	0.05
2566-L-200	50000	50000	0.5	1	2.54	1000	200	25.4	0.05
2566-L-210	50000	50000	0.5	1	2.54	1050	210	25.4	0.05
2566-L-220	50000	50000	0.5	1	2.54	1100	220	25.4	0.05
2566-L-230	50000	50000	0.5	1	2.54	1150	230	25.4	0.05
2566-L-240	50000	50000	0.5	1	2.54	1200	240	25.4	0.05
2566-L-250	50000	50000	0.5	1	2.54	1250	250	25.4	0.05
2566-L-260	50000	50000	0.5	1	2.54	1300	260	25.4	0.05
2566-L-270	50000	50000	0.5	1	2.54	1350	270	25.4	0.05
2566-L-280	50000	50000	0.5	1	2.54	1400	280	25.4	0.05
2566-L-290	50000	50000	0.5	1	2.54	1450	290	25.4	0.05
2566-L-300	50000	50000	0.5	1	2.54	1500	300	25.4	0.05
2566-L-310	50000	50000	0.5	1	2.54	1550	310	25.4	0.05
2566-L-320	50000	50000	0.5	1	2.54	1600	320	25.4	0.05
2566-L-330	50000	50000	0.5	1	2.54	1650	330	25.4	0.05
2566-L-340	50000	50000	0.5	1	2.54	1700	340	25.4	0.05
2566-L-350	50000	50000	0.5	1	2.54	1750	350	25.4	0.05
2566-L-360	50000	50000	0.5	1	2.54	1800	360	25.4	0.05
2566-L-370	50000	50000	0.5	1	2.54	1850	370	25.4	0.05
2566-L-380	50000	50000	0.5	1	2.54	1900	380	25.4	0.05
2566-L-390	50000	50000	0.5	1	2.54	1950	390	25.4	0.05
2566-L-400	50000	50000	0.5	1	2.54	2000	400	25.4	0.05



Fixed Term Router

Reverse Converter / Router/Mill

OSP/Metric 20° Tip 3

OSP No. Part Number	Big End / Tail		Small End / Shank (mm)						
	Ø	T	L1	L2	L3	ØD1	Ø	Ø	ØD2
200-10-0-0	Ø100-10	Ø100-0	66	10	27	14	16	17	Ø60
200-10-0-0	Ø100-10	Ø100-0	66	10	200	14	16	17	Ø60
200-10-0-10	Ø100-10	Ø100-0	66	10	30	20	20	20	Ø60
200-10-0-12	Ø100-10	Ø100-0	66	10	36	20	20	26	Ø60
200-10-0-16	Ø100-10	Ø100-0	66	16	36	27	27	27	Ø60
200-10-0-18	Ø100-10	Ø100-0	66	18	37	27	27	30	Ø60
200-10-0-20	Ø100-10	Ø100-0	66	18	41	27	27	36	Ø60
200-10-10-20	Ø100-10	Ø100-0	66	10	40	30	30	36	Ø60
200-10-18-20	Ø100-10	Ø100-0	66	18	40	30	30	36	Ø60
200-10-18-20	Ø100-10	Ø100-0	66	18	40	30	30	40	Ø60
200-10-20-20	Ø100-10	Ø100-0	66	20	40	30	30	40	Ø60
200-10-20-20	Ø100-10	Ø100-0	66	20	50	30	30	40	Ø60

200-10-500-04 / 200-10-5 Series



2014-2015 Series of 7000-4-20 Series

Metric 3/4" Tip LPS

	Metric		Imperial (Inches)					
	Part Number	kg Weight (lbwt)	Dimensions (mm)					
	Ø Ho	T	Ø D1	L1	L2	e	g	Printer
N	2000-4-01-01	400x11	66	10	25	12	14	100
	2000-4-01-02	400x11	66	10	25	14	17	100
	2000-4-10-01	400x11	66	11	25	13	16	100
	2000-4-10-02	400x11	66	11	25	13	20	100
	2000-4-15-01	400x11	66	11	32	14	17	100
	2000-4-15-02	400x11	66	11	32	14	21	100
	2000-4-20-01	400x11	66	11	32	14	25	100
	2000-4-20-02	400x11	66	11	32	14	29	100
	2000-4-25-01	400x11	66	11	32	14	33	100
	2000-4-25-02	400x11	66	11	32	14	37	100
M	2000-5-01-01	400x13	66	11	25	14	17	100
	2000-5-01-02	400x13	66	11	27	13	19	100
	2000-5-10-01	400x13	66	11	25	13	21	100
	2000-5-10-02	400x13	66	11	32	13	24	100
	2000-5-15-01	400x13	66	11	32	13	28	100
	2000-5-20-01	400x13	66	11	32	13	32	100
	2000-5-20-02	400x13	66	11	34	13	35	100
	2000-5-25-01	400x13	66	11	34	13	39	100
	2000-5-25-02	400x13	66	11	36	13	43	100
	2000-5-30-01	400x13	66	11	36	13	47	100



Field Area Signal

Straight Extension - Round Wire

Metrik 26" Tip L/S

Part No.	Sig. Signal	Round Signal Head				
		Ø1"	L1"	Ø2"	W"	Probe
298-L-0-0	402-11	Ø1"	31"	3"	14"	100
298-L-0-0	402-11	Ø1"	31"	4"	17"	100
298-L-10-10	402-11	Ø1"	31"	6"	19"	100
298-L-12-12	402-11	Ø1"	31"	8"	21"	100
298-L-16-16	402-11	Ø1"	31"	10"	27"	100
298-L-18-18	402-11	Ø1"	31"	12"	31"	100
298-L-22-22	402-11	Ø1"	47"	14"	34"	100
298-L-26-26	402-11	Ø1"	49"	16"	41"	100
298-L-28-28	402-11	Ø1"	49"	18"	43"	100
298-L-32-32	402-11	Ø1"	71"	24"	55"	100

298-S-0-0	402-11	Ø1"	31"	3"	17"	100
298-S-0-0	402-11	Ø1"	31"	4"	19"	100
298-S-10-10	402-11	Ø1"	31"	6"	21"	100
298-S-12-12	402-11	Ø1"	31"	8"	24"	100
298-S-16-16	402-11	Ø1"	31"	10"	31"	100
298-S-18-18	402-11	Ø1"	31"	12"	34"	100
298-S-22-22	402-11	Ø1"	47"	14"	41"	100
298-S-26-26	402-11	Ø1"	49"	16"	43"	100
298-S-28-28	402-11	Ø1"	49"	18"	45"	100
298-S-32-32	402-11	Ø1"	71"	24"	55"	100

298-L-0-0, 298-L-0-0, 298-L-10-10, 298-L-12-12, 298-L-16-16, 298-L-18-18, 298-L-22-22, 298-L-26-26, 298-L-28-28, 298-L-32-32, 298-S-0-0, 298-S-0-0, 298-S-10-10, 298-S-12-12, 298-S-16-16, 298-S-18-18, 298-S-22-22, 298-S-26-26, 298-S-28-28, 298-S-32-32



Model 24 Tip LPS

257-LPS Series / 257-LPS Series

No.	Code No. Part Number	Impedance Factor		Speed Regulation (%) (Reference Speed)						
		1.1	1.2	4.0%	4.5%	5.0%	5.5%	6.0%	6.5%	
E	257-L-08-08	100W/0.8	100W/0.8	80	80	80	20	20	20	20
	257-L-08-10	100W/0.8	100W/0.8	80	80	80	20	20	20	20
	257-L-08-12	100W/0.8	100W/0.8	80	1.5	80	20	20	20	20
	257-L-10-12	100W/0.8	100W/0.8	80	1.5	80	20	20	20	20
	257-L-10-15	100W/0.8	100W/0.8	80	1.5	80	20	20	20	20
	257-L-10-18	100W/0.8	100W/0.8	80	1.5	80	20	20	20	20
	257-L-15-20	100W/0.8	100W/0.8	80	2.0	80	20	20	20	20
	257-L-15-25	100W/0.8	100W/0.8	80	2.0	80	20	20	20	20
	257-L-15-30	100W/0.8	100W/0.8	80	2.0	80	20	20	20	20
	257-L-20-30	100W/0.8	100W/0.8	80	2.0	80	20	20	20	20
	257-L-25-30	100W/0.8	100W/0.8	80	2.0	80	20	20	20	20
	H	257-H-10-10	100W/0.8	100W/0.8	100	100	100	20	20	20
257-H-10-15		100W/0.8	100W/0.8	100	100	100	20	20	20	20
257-H-15-20		100W/0.8	100W/0.8	100	100	100	20	20	20	20
257-H-15-25		100W/0.8	100W/0.8	100	100	100	20	20	20	20
257-H-15-30		100W/0.8	100W/0.8	100	100	100	20	20	20	20
257-H-20-30		100W/0.8	100W/0.8	100	100	100	20	20	20	20
257-H-20-35		100W/0.8	100W/0.8	100	100	100	20	20	20	20
257-H-25-30		100W/0.8	100W/0.8	100	100	100	20	20	20	20
257-H-25-35		100W/0.8	100W/0.8	100	100	100	20	20	20	20
257-H-30-30		100W/0.8	100W/0.8	100	100	100	20	20	20	20



Slip Street

Slip Street / Slip Street

NPT/Metric 2x Top L

Part No. Part Number	Top Thread		Lower Thread (Metric)							
	Ø	T	Ø	L	L1	L2	Ø	Ø		
2001L-2-8	G1/2"-8	0.1250	M12x1.5	14	15	16	20	12	14	16
2001L-2-10	M12x1.5	0.1250	M12x1.5	14	15	16	20	12	14	16
2001L-2-12	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-14	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-16	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-18	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-20	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-22	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-24	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-26	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-28	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-30	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-32	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-34	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-36	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-38	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-40	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-42	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-44	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-46	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-48	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-50	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-52	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-54	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-56	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-58	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-60	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-62	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-64	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-66	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-68	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-70	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-72	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-74	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-76	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-78	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-80	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-82	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-84	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-86	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-88	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-90	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-92	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-94	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-96	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-98	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16
2001L-2-100	G3/8"-18	0.1250	M12x1.5	14	15	16	20	14	14	16

2001L-2-80-100 / 2001L-2-80-100



2000-05 Series 1/2" 307/304 Steel

NPT/Metric 1/2" Tee

Part No. Part Number	Leg Styles Thread		Port Sizing (mm)						
	G	F	Wp	L1	L2	L3	L4	L5	
2000-05-01	MPT-1/2	MPT-1/2	25	21	25	25	25	27	
2000-05-02	MPT-1/2	MPT-1/2	25	27	27	27	27	29	
2000-05-03	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-04	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-05	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-06	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-07	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-08	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-09	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-10	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-11	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-12	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-13	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-14	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-15	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-16	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-17	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-18	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-19	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-20	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-21	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-22	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-23	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-24	MPT-1/2	MPT-1/2	25	25	27	27	29	29	
2000-05-25	MPT-1/2	MPT-1/2	25	25	27	27	29	29	



Area 51 (pall)

Straight Connector Matrix

Matrîc 24" Tip L/S

	End No		Qty. Digital		Bore Diameter (mm)					
	Part Number	Tip	Flow	Flow	2.0"	2.1"	2.2"	2.3"	2.4"	2.5"
L	2700-L-00-00	4434-01	4434-01	4434-01	46	50	55	60	64	68
	2700-L-00-00	4434-01	4434-01	4434-01	66	70	75	80	84	88
	2700-L-00-00	4434-01	4434-01	4434-01	86	90	95	100	104	108
	2700-L-02-02	4434-01	4434-01	4434-01	126	130	135	140	144	148
	2700-L-06-06	4434-01	4434-01	4434-01	166	170	175	180	184	188
	2700-L-08-08	4434-01	4434-01	4434-01	186	190	195	200	204	208
	2700-L-09-09	4434-01	4434-01	4434-01	206	210	215	220	224	228
	2700-L-09-09	4434-01	4434-01	4434-01	226	230	235	240	244	248
	2700-L-09-09	4434-01	4434-01	4434-01	246	250	255	260	264	268
	2700-L-09-09	4434-01	4434-01	4434-01	266	270	275	280	284	288
R	2700-R-00-00	4434-01	4434-01	4434-01	46	50	55	60	64	68
	2700-R-00-00	4434-01	4434-01	4434-01	66	70	75	80	84	88
	2700-R-00-00	4434-01	4434-01	4434-01	86	90	95	100	104	108
	2700-R-02-02	4434-01	4434-01	4434-01	126	130	135	140	144	148
	2700-R-06-06	4434-01	4434-01	4434-01	166	170	175	180	184	188
	2700-R-08-08	4434-01	4434-01	4434-01	186	190	195	200	204	208
	2700-R-09-09	4434-01	4434-01	4434-01	206	210	215	220	224	228
	2700-R-09-09	4434-01	4434-01	4434-01	226	230	235	240	244	248
	2700-R-09-09	4434-01	4434-01	4434-01	246	250	255	260	264	268
	2700-R-09-09	4434-01	4434-01	4434-01	266	270	275	280	284	288

2700-L/S 2000-01 / 2700-L/S 2000-01



Metric 30° Tip LFS

2000-LFS Series of 2000-LFS Series

Part Number	Dry Spindle (mm)		Spindle Spindle (mm)					
	Ø D	L	Ø D1	L1	L2	L3	L4	Ø D2
2000-L-00-00	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-05	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-10	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-15	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-20	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-25	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-30	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-35	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-40	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-45	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-50	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-55	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-60	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-65	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-70	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-75	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-80	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-85	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-90	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0
2000-L-00-95	ø30.0	100.0	ø30.0	100.0	100.0	100.0	100.0	100.0



T-Ruler

Part Number

Metric 24° Tip L/S

	Part Number	Eq. Metric Part No.	Bore (Outside) (mm)					Part No.	
	Size	T	Ø 20	Ø 1	Ø 2	Ø 3	Ø 4		
L	290-L-0	M10x1.5	Ø6	Ø7	Ø7	Ø7	Ø6	Ø10	
	290-L-0	M10x1.5	Ø6	Ø8	Ø6	Ø6	Ø7	Ø10	
	290-L-10	M10x1.5	Ø6	Ø8	Ø6	Ø6	Ø8	Ø10	
	290-L-12	M10x1.5	Ø6	Ø8	Ø7	Ø7	Ø8	Ø10	
	290-L-15	M10x1.5	Ø6	Ø8	Ø7	Ø6	Ø7	Ø10	
	290-L-18	M10x1.5	Ø6	Ø8	Ø7.5	Ø6	Ø7	Ø10	
	290-L-20	M10x1.5	Ø6	Ø8	Ø7.5	Ø7	Ø8	Ø10	
	290-L-25	M10x1.5	Ø6	Ø7	Ø7.5	Ø6	Ø7	Ø10	
	290-L-28	M10x1.5	Ø6	Ø8	Ø7.5	Ø7	Ø8	Ø10	
	290-L-32	M10x1.5	Ø6	Ø7	Ø8	Ø6	Ø8	Ø10	
	R	290-R-0	M10x1.5	Ø6	Ø7	Ø6	Ø7	Ø7	Ø10
		290-R-0	M10x1.5	Ø6	Ø7	Ø7	Ø7	Ø6	Ø10
290-R-10		M10x1.5	Ø6	Ø7	Ø7.5	Ø6	Ø7	Ø10	
290-R-12		M10x1.5	Ø6	Ø7	Ø7.5	Ø7	Ø6	Ø10	
290-R-15		M10x1.5	Ø6	Ø7	Ø7.5	Ø6	Ø7	Ø10	
290-R-20		M10x1.5	Ø6	Ø7	Ø7.5	Ø7	Ø6	Ø10	
290-R-25		M10x1.5	Ø6	Ø7	Ø8	Ø6	Ø7	Ø10	
290-R-30		M10x1.5	Ø6	Ø7	Ø7.5	Ø7	Ø6	Ø10	
290-R-35		M10x1.5	Ø6	Ø7	Ø7	Ø6	Ø7	Ø10	

Part No. 290-L-002 / Part No. 290-R-002



3000-L Series of P300-L Series

Manica, 26° Tip L/S

Part Number	Qty. (boxed)	Major (boxed) / Minor (unboxed) (mm)					
		Ø104	L1	L2	Y	Z	Wtotal
3000-L-01	1/1000	65	27	18	13	13	650
3000-L-02	1/1000	65	29	18	14	13	650
3000-L-03	1/1000	65	30	19	14	14	650
3000-L-04	1/1000	65	32	18	15	13	650
3000-L-05	1/1000	65	35	20	17	17	650
3000-L-06	1/1000	65	40	23.5	20	17	650
3000-L-07	1/1000	65	44	27.5	25	20	650
3000-L-08	1/1000	65	47	30.5	26	21	650
3000-L-09	1/1000	65	50	33.5	27	22	650
3000-L-10	1/1000	65	55	40	30	25	650
3000-L-11	1/1000	65	60	45	33	27	650
3000-L-12	1/1000	65	65	50	36	30	650
3000-L-13	1/1000	65	70	55	39	33	650
3000-L-14	1/1000	65	75	60	42	36	650
3000-L-15	1/1000	65	80	65	45	39	650



Turn Direct

Standard Metric - Metric

Metric 24° Tip L/S

	Part No.		Tip Style		Body Style (mm)						
	Part Number	Part Number	T1	T2	L1	L2	L3	L4	L5	Material	
L	3024-08-08	3024-08-08	3024-08	3024-08	8.0	27	28	32	32	34	304
	3024-08-08	3024-08-08	3024-08	3024-08	8.0	28	27.5	32	32	32	304
	3024-08-10	3024-08-10	3024-08	3024-10	8.0	30	29	32	32	34	304
	3024-12-12	3024-12-12	3024-12	3024-12	12.0	32	29.5	32	32	34	304
	3024-16-16	3024-16-16	3024-16	3024-16	16.0	32	29.5	32.5	32	34	304
	3024-20-20	3024-20-20	3024-20	3024-20	20.0	32	29.5	32.5	32	34	304
	3024-25-25	3024-25-25	3024-25	3024-25	25.0	32	29.5	32.5	32	34	304
	3024-32-32	3024-32-32	3024-32	3024-32	32.0	32	29.5	32.5	32	34	304
	3024-40-40	3024-40-40	3024-40	3024-40	40.0	32	29	32	32	34	304
R	3024-08-08	3024-08-08	3024-08	3024-08	8.0	31	29	32	32	32	304
	3024-08-08	3024-08-08	3024-08	3024-08	8.0	32	27.5	32	32	32	304
	3024-08-10	3024-08-10	3024-08	3024-10	8.0	34	30	32.5	32	34	304
	3024-12-12	3024-12-12	3024-12	3024-12	12.0	34	30	32.5	32	34	304
	3024-16-16	3024-16-16	3024-16	3024-16	16.0	34	29.5	32.5	32	34	304
	3024-20-20	3024-20-20	3024-20	3024-20	20.0	34	29.5	32.5	32	34	304
	3024-25-25	3024-25-25	3024-25	3024-25	25.0	34	29	32	32	34	304
	3024-32-32	3024-32-32	3024-32	3024-32	32.0	34	29	32	32	34	304
	3024-40-40	3024-40-40	3024-40	3024-40	40.0	34	29	32	32	34	304

MOORE PATENT



Matrix 20° Tip LFS

800-LFS Steel / 800-LFS Steel

Steel No. Part Number	Tip Angle Steel	Height (Tip to Head) Dimensions (mm)						
		H1	L1	L2	L3	H2	H3	H4
800-L-06	M12x1.5	62	27	26	12	12	12	200
800-L-08	M16x1.5	82	35	27.5	14	13	13	200
800-L-10	M20x1.5	102	45	35	16	14	14	200
800-L-12	M24x1.5	122	55	34.5	17	15	15	200
800-L-16	M30x1.5	152	75	33.5	19	16	16	200
800-L-20	M36x1.5	182	95	33	21	17	17	200
800-L-24	M42x1.5	222	125	32.5	23	18	18	200
800-L-28	M48x1.5	262	155	32	25	19	19	200
800-L-32	M54x1.5	302	185	31.5	27	20	20	200
800-L-36	M60x1.5	342	215	31	29	21	21	200
800-L-40	M66x1.5	382	245	30.5	31	22	22	200
800-L-45	M72x1.5	422	275	30	33	23	23	200

800-S-06	M12x1.5	62	35	27	16	14	14	200
800-S-08	M16x1.5	82	45	27.5	17	15	15	200
800-S-10	M20x1.5	102	55	35	17.5	15	15	200
800-S-12	M24x1.5	122	65	35	17.5	15	15	200
800-S-16	M30x1.5	152	85	34.5	19.5	16	16	200
800-S-20	M36x1.5	182	105	34	21.5	17	17	200
800-S-24	M42x1.5	222	125	33.5	23.5	18	18	200
800-S-28	M48x1.5	262	145	33	25.5	19	19	200
800-S-32	M54x1.5	302	165	32.5	27.5	20	20	200
800-S-36	M60x1.5	342	185	32	29.5	21	21	200



Serie Basic T

Erweitert für ... Metall

Metrik: 24° Tip L/S

Metrik	Part Number	Tip Design	Anvil Dimensions (mm)						
			Dimension in (mm)						
	Part No.	T1	a D1	L1	L2	L3	r	r	Profile
L	300-L-0	W10x L.0	66	27	28	37	37	14	100
	300-L-0	W10x L.0	66	28	27.5	36	37	11	100
	300-L-00	W10x L.0	66	30	28	35	36	10	100
	300-L-10	W10x L.0	66	32	28.5	37	37	10	100
	300-L-10	W10x L.0	66	30	28.5	38	38	10	100
	300-L-10	W10x L.0	66	30	28.5	28.5	24	12	100
	300-L-20	W10x L.0	66	30	28.5	28.5	27	10	100
	300-L-20	W10x L.0	66	27	27.5	28.5	36	12	100
	300-L-30	W10x L.0	66	30	31	28.5	37	10	100
	300-L-30	W10x L.0	66	32	31	30	30	10	100
L	300-L-0	W10x L.0	66	31	27	36	37	11	100
	300-L-0	W10x L.0	66	32	27.5	37	36	10	100
	300-L-00	W10x L.0	66	30	28	35.5	37	10	100
	300-L-10	W10x L.0	66	30	31	27.5	37	10	100
	300-L-10	W10x L.0	66	30	28.5	28.5	24	10	100
	300-L-20	W10x L.0	66	30	28.5	28.5	27	10	100
	300-L-20	W10x L.0	66	30	30	30	30	10	100
	300-L-30	W10x L.0	66	32	30	28.5	37	10	100
300-L-30	W10x L.0	66	32	31	31	31	10	100	

300-L-00, 300-L-10, 300-L-20, 300-L-30



330-L JS Sertal / 330-L JS Sertals

Metric 26° Tip LJS

	Wire Size Part Number	Arg Argon Flow	Input Output (mm)						In mm	In mm	In mm
			W OI	LI	LI	LI	+	+			
C	330-L-00-00	Wire L8	85	15	20	12	12	14	200		
	330-L-00-00	Wire L8	85	20	20	12	12	14	200		
	330-L-00-00	Wire L2	100	20	20	12	12	18	200		
	330-L-00-00	Wire L5	140	20	20	12	12	22	200		
	330-L-00-00	Wire L8	100	25	21	21	18	21	200		
	330-L-00-00	Wire L8	100	30	20	23.5	24	22	180		
	330-L-00-00	Wire L8	100	35	20	27.5	27	26	180		
	330-L-00-00	Wire L8	100	40	20	32	31	30	180		
	330-L-00-00	Wire L8	100	45	20	37	36	35	180		
	330-L-00-00	Wire L8	100	50	20	42	41	40	180		
E	330-E-00-00	Wire L8	85	20	20	12	12	14	200		
	330-E-00-00	Wire L8	85	25	20	12	12	14	200		
	330-E-00-00	Wire L8	100	25	20	12.5	12	14	200		
	330-E-00-00	Wire L2	140	25	20	12.5	12	14	200		
	330-E-00-00	Wire L5	180	25	20	12.5	12	14	200		
	330-E-00-00	Wire L8	100	30	20	24.5	24	23	180		
	330-E-00-00	Wire L8	100	35	20	29	27	26	180		
	330-E-00-00	Wire L8	100	40	20	34	33	32	180		
	330-E-00-00	Wire L8	100	45	20	39	38	37	180		
	330-E-00-00	Wire L8	100	50	20	44	43	42	180		



Series Standard T (Fixed)
Standard Size - Standard Size

Matriline 24" Tip L/S

	Part Designation		Major Dimensions (mm)						
	Part Number	Tip	L1	L2	L3	W	H	Profile	
L	332-L-01-01	HD-01-01	66	26	16	12	12	16	100
	332-L-01-02	HD-01-02	66	26.5	17	16	12	17	100
	332-L-10-10	HD-01-01	100	37	20	15	14	19	100
	332-L-12-12	HD-01-01	100	47.5	26	17	14	26	100
	332-L-15-15	HD-01-01	100	50	28	17	14	27	100
	332-L-18-18	HD-01-01	100	57.5	31	17.5	16	31	100
	332-L-20-20	HD-01-01	100	60	33	17.5	17	33	100
	332-L-25-25	HD-01-01	100	67.5	36	18.5	18	37	100
	332-L-30-30	HD-01-01	100	75	39	19.5	18	43	100
	332-L-40-40	HD-01-01	100	90	47	21	19	50	100
R	332-R-01-01	HD-01-01	66	27	16	11	17	17	100
	332-R-01-02	HD-01-02	66	27.5	16	17	14	19	100
	332-R-10-10	HD-01-01	100	38	20	17.5	14	21	100
	332-R-12-12	HD-01-01	100	40	20	17.5	14	24	100
	332-R-15-15	HD-01-01	100	43	20	18.5	16	25	100
	332-R-20-20	HD-01-01	100	47.5	21	18.5	17	29	100
	332-R-25-25	HD-01-01	100	50	22	19	18	33	100
	332-R-30-30	HD-01-01	100	57.5	24	19.5	18	38	100
	332-R-40-40	HD-01-01	100	67	27	21	19	45	100

332-L, R, S, and T (2007-2012) L/S Series



2009-L/S Series / 2009-L/S Series

Metrix 24" Tip L/S

Model No. Part Number	Tip Diameter Inches	Motor Options (HP)						Wt (lbs)
		4.0	5.0	6.0	7.0	8.0	9.0	
2009-L-01-01	Metrix 1.5	88	26	18	12	10	14	200
2009-L-01-02	Metrix 1.5	88	24.5	17	10	9	11	200
2009-L-02-01	Metrix 1.5	88	25.5	18	10	10	14	200
2009-L-03-01	Metrix 1.5	88	26	18	12	10	14	200
2009-L-04-01	Metrix 1.5	114	27	19	12	10	15	200
2009-L-05-01	Metrix 1.5	114	28	20	12.5	10	15	200
2009-L-06-01	Metrix 2	126	28	20	12.5	10	15	200
2009-L-08-01	Metrix 2	152	29	20	13.5	10	15	200
2009-L-09-01	Metrix 2	152	29	20	14.5	11	16	200
2009-L-10-01	Metrix 2	126	28	20	14	10	15	200

2009-L-01-03	Metrix 1.5	88	27	20	10	10	14	200
2009-L-01-04	Metrix 1.5	88	24.5	18	10	10	14	200
2009-L-02-02	Metrix 1.5	114	26	18	11.5	10	14	200
2009-L-03-02	Metrix 1.5	126	28	20	12.5	10	14	200
2009-L-04-02	Metrix 1.5	114	28	20	14.5	10	15	200
2009-L-05-02	Metrix 2	126	27.5	20	14.5	10	15	200
2009-L-06-02	Metrix 2	126	28	20	16	10	15	200
2009-L-08-02	Metrix 2	152	29	20	16.5	11	16	200
2009-L-09-02	Metrix 2	152	29	20	17	11	16	200



Tens Break - Flexi 2P

Industrial Test Station 2P - Tensile Wire

Matrix 24° Tip L/S

Part No. Part Number	Top Diameter Diameter	Grip Diameter (mm)						
		24° Tip	1:1	1:2	1:3	1:4	1:5	1:6
2204-08-08	8mm x 1.5	8L	10	16	18	24	34	44
2204-08-08	8mm x 1.5	8L	10	20.5	23	30	41	54
2204-10-10	8mm x 1.5	10L	10	20	23	30	41	54
2204-10-12	8mm x 1.5	10L	17	20.5	24	30	41	54
2204-10-16	8mm x 1.5	10L	26	27.5	31	40	51	64
2204-10-18	8mm x 1.5	10L	26	27.5	31.5	40	51	64
2204-20-20	8mm x 2	20L	20	20.5	20.5	20	20	20
2204-20-20	8mm x 2	20L	20.5	21.5	21	20	21	20
2204-20-20	8mm x 2	20L	21	21	20.5	20	20	20
2204-20-22	8mm x 2	20L	21	21	21	20	20	20
2204-08-08	8mm x 1.5	8L	10	17	19	24	34	44
2204-08-08	8mm x 1.5	8L	10	20.5	23	30	41	54
2204-10-10	8mm x 1.5	10L	17	20	23	30	41	54
2204-10-12	8mm x 1.5	10L	26	27	30.5	39	50	64
2204-10-16	8mm x 1.5	10L	26	27.5	31.5	40	51	64
2204-20-20	8mm x 2	20L	20.5	21.5	21	20	21	20
2204-20-20	8mm x 2	20L	21.5	22	20.5	20	20	20
2204-20-20	8mm x 2	20L	21	20.5	20.5	20	20	20
2204-20-22	8mm x 2	20L	21	21	21	20	20	20

2204-08-08 / 2204-10-10 / 2204-10-12 / 2204-10-16 / 2204-10-18 / 2204-20-20 / 2204-20-22



Metric 24" Tip L/S

Part No. <i>(Part Number)</i>	Tip Depth <i>(mm)</i>		Range Depth (mm)											
	0	1	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-00	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-01	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-02	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-03	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-04	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-05	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-06	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-07	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-08	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-09	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-10	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-11	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-12	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-13	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-14	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-15	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-16	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-17	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-18	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-19	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
340-10-20	M-100-00	M-100-01	0.00	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	



Forma (Single) Spall

Reduziert den Ausschuss - Mehr

Metrik 18° Tip L/S

Komet Part Number	Dry Spall Form	Spall Dry Size (mm)									
		Ø 10	Ø 12	Ø 15	Ø 20	Ø 25	Ø 30	Ø 35	Ø 40	Ø 45	Ø 50
2900-L-18-04	M18x1.0	86	42	20	27	7	17	16	17	18	19
2900-L-18-06	M18x1.0	86	42	20	27	8	18	17	18	19	
2900-L-18-10	M18x1.0	86	42	20	27	10	20	19	20	21	
2900-L-18-12	M18x1.0	86	42	20	27	12	22	21	22	23	
2900-L-18-15	M18x1.0	86	42	20	27	15	25	24	25	26	
2900-L-18-20	M18x1.0	86	42	20	27	20	30	29	30	31	
2900-L-18-25	M18x1.0	86	42	20	27	25	35	34	35	36	
2900-L-18-30	M18x1.0	86	42	20	27	30	40	39	40	41	
2900-L-18-35	M18x1.0	86	42	20	27	35	45	44	45	46	
2900-L-18-40	M18x1.0	86	42	20	27	40	50	49	50	51	
2900-L-18-45	M18x1.0	86	42	20	27	45	55	54	55	56	
2900-L-18-50	M18x1.0	86	42	20	27	50	60	59	60	61	
2900-L-18-55	M18x1.0	86	42	20	27	55	65	64	65	66	
2900-L-18-60	M18x1.0	86	42	20	27	60	70	69	70	71	
2900-L-18-65	M18x1.0	86	42	20	27	65	75	74	75	76	
2900-L-18-70	M18x1.0	86	42	20	27	70	80	79	80	81	
2900-L-18-75	M18x1.0	86	42	20	27	75	85	84	85	86	
2900-L-18-80	M18x1.0	86	42	20	27	80	90	89	90	91	
2900-L-18-85	M18x1.0	86	42	20	27	85	95	94	95	96	
2900-L-18-90	M18x1.0	86	42	20	27	90	100	99	100	101	
2900-L-18-95	M18x1.0	86	42	20	27	95	105	104	105	106	
2900-L-18-100	M18x1.0	86	42	20	27	100	110	109	110	111	

2900-L-18 Spall 18° 2900-L/S Spall 18°



360-LFS Series / 360-LFS Series

Metrix 26° Tip LFS

Part No. Part Number	Key System Series	Key System (mm)													
		L1	L2	L3	L4	L5	L6	L7	L8	L9	L10				
C															
360-L-8-8	8104.0	88	83	77	72	67	62	58	54	50	47	44	41	38	35
360-L-8-8	8104.0	88	83	77	72	67	62	58	54	50	47	44	41	38	35
360-L-10-10	8104.0	100	95	89	84	79	74	70	66	62	59	56	53	50	47
360-L-10-10	8104.0	100	95	89	84	79	74	70	66	62	59	56	53	50	47
360-L-10-12	8104.0	100	95	89	84	79	74	70	66	62	59	56	53	50	47
360-L-10-15	8104.0	100	95	89	84	79	74	70	66	62	59	56	53	50	47
360-L-10-18	8104.0	100	95	89	84	79	74	70	66	62	59	56	53	50	47
360-L-12-12	8104.0	120	115	110	105	100	95	90	86	82	79	76	73	70	67
360-L-12-15	8104.0	120	115	110	105	100	95	90	86	82	79	76	73	70	67
360-L-12-18	8104.0	120	115	110	105	100	95	90	86	82	79	76	73	70	67
360-L-12-21	8104.0	120	115	110	105	100	95	90	86	82	79	76	73	70	67
360-L-15-15	8104.0	150	145	140	135	130	125	120	116	112	109	106	103	100	97
360-L-15-18	8104.0	150	145	140	135	130	125	120	116	112	109	106	103	100	97
360-L-15-21	8104.0	150	145	140	135	130	125	120	116	112	109	106	103	100	97
360-L-15-24	8104.0	150	145	140	135	130	125	120	116	112	109	106	103	100	97
B															
360-B-8-8	8104.0	88	83	78	73	68	63	59	55	51	48	45	42	39	36
360-B-8-8	8104.0	88	83	78	73	68	63	59	55	51	48	45	42	39	36
360-B-10-10	8104.0	100	95	90	85	80	75	71	67	63	60	57	54	51	48
360-B-10-10	8104.0	100	95	90	85	80	75	71	67	63	60	57	54	51	48
360-B-10-12	8104.0	100	95	90	85	80	75	71	67	63	60	57	54	51	48
360-B-10-15	8104.0	100	95	90	85	80	75	71	67	63	60	57	54	51	48
360-B-10-18	8104.0	100	95	90	85	80	75	71	67	63	60	57	54	51	48
360-B-12-12	8104.0	120	115	110	105	100	95	90	86	82	79	76	73	70	67
360-B-12-15	8104.0	120	115	110	105	100	95	90	86	82	79	76	73	70	67
360-B-12-18	8104.0	120	115	110	105	100	95	90	86	82	79	76	73	70	67
360-B-12-21	8104.0	120	115	110	105	100	95	90	86	82	79	76	73	70	67



Big Bore

Model / Modelo

Model / Modelo	Big Bore / Modelo	Bore Diameter (mm)			
		1.1	1.2	1	1.5
370-0-0	0.00" (0)	17	17	14	10
370-0-1	0.04" (1)	20	20	16	10
370-0-2	0.08" (2)	25	25	20	10
370-0-3	0.12" (3)	30	30	23	10
370-1.0-1.0	0.00" (0)	18	18	15	10
370-1.0-1.0	0.1" (1)	18	18	15	10
370-2.0-2.0	0.0" (0)	20	20	16	10
370-2.0-2.0	0.1" (1)	20	20	16	10

370-0-0, 1.0-1.0, 2.0-2.0



2025-02-01 7:57:53 AM

Keypin®		Key System		Keypin® Direct (mm)			
Part Number	M	M	L1	L2	L3	Keypin® L	Keypin® L
2025-02-02	4.000-020	4.000-020	20	15	14	100	100
2025-02-04	4.000-10	4.000-10	10	10	10	100	100
2025-02-06	4.000-16	4.000-16	16	16	16	100	100
2025-02-08	4.000-16	4.000-16	17	12	17	100	100
2025-02-10	4.000-16	4.000-16	20	16	16	100	100
2025-02-12	4.000-16	4.000-16	21	16	16	100	100
2025-02-14	4.000-16	4.000-16	22	16	16	100	100
2025-02-16	4.000-16	4.000-16	23	16	16	100	100
2025-02-18	4.000-16	4.000-16	24	16	16	100	100
2025-02-20	4.000-16	4.000-16	25	16	16	100	100
2025-02-22	4.000-16	4.000-16	26	16	16	100	100
2025-02-24	4.000-16	4.000-16	27	16	16	100	100
2025-02-26	4.000-16	4.000-16	28	16	16	100	100
2025-02-28	4.000-16	4.000-16	29	16	16	100	100
2025-03-01	4.000-16	4.000-16	30	16	16	100	100
2025-03-02	4.000-16	4.000-16	31	16	16	100	100
2025-03-03	4.000-16	4.000-16	32	16	16	100	100
2025-03-04	4.000-16	4.000-16	33	16	16	100	100
2025-03-05	4.000-16	4.000-16	34	16	16	100	100
2025-03-06	4.000-16	4.000-16	35	16	16	100	100
2025-03-07	4.000-16	4.000-16	36	16	16	100	100
2025-03-08	4.000-16	4.000-16	37	16	16	100	100
2025-03-09	4.000-16	4.000-16	38	16	16	100	100
2025-03-10	4.000-16	4.000-16	39	16	16	100	100
2025-03-11	4.000-16	4.000-16	40	16	16	100	100
2025-03-12	4.000-16	4.000-16	41	16	16	100	100
2025-03-13	4.000-16	4.000-16	42	16	16	100	100
2025-03-14	4.000-16	4.000-16	43	16	16	100	100
2025-03-15	4.000-16	4.000-16	44	16	16	100	100
2025-03-16	4.000-16	4.000-16	45	16	16	100	100
2025-03-17	4.000-16	4.000-16	46	16	16	100	100
2025-03-18	4.000-16	4.000-16	47	16	16	100	100
2025-03-19	4.000-16	4.000-16	48	16	16	100	100
2025-03-20	4.000-16	4.000-16	49	16	16	100	100
2025-03-21	4.000-16	4.000-16	50	16	16	100	100
2025-03-22	4.000-16	4.000-16	51	16	16	100	100
2025-03-23	4.000-16	4.000-16	52	16	16	100	100
2025-03-24	4.000-16	4.000-16	53	16	16	100	100
2025-03-25	4.000-16	4.000-16	54	16	16	100	100
2025-03-26	4.000-16	4.000-16	55	16	16	100	100
2025-03-27	4.000-16	4.000-16	56	16	16	100	100
2025-03-28	4.000-16	4.000-16	57	16	16	100	100
2025-03-29	4.000-16	4.000-16	58	16	16	100	100
2025-03-30	4.000-16	4.000-16	59	16	16	100	100
2025-03-31	4.000-16	4.000-16	60	16	16	100	100



Styl 7

Typ 1 - Female

EN 10201


Part No. Description	Qty. Supplied Per Unit	Nipple/Right-hand Thread Reference Length			
		L1	L2	L3	Weight
2882-01	6.350-08	07	11	14	0.001
2882-02	6.350-10	20	22	25	0.001
2882-03	6.350-12	26	28	32	0.001
2882-04	6.350-16	37	40	47	0.001
2882-05	6.350-18	40	43	50	0.001
2882-06	6.350-20	45	48	57	0.001
2882-07	6.350-25	58	62	73	0.001
2882-08	6.350-32	75	80	95	0.001

2882-01 to 2882-08 are made to EN 10201



3WE6-L, Serie 61 / 3WE6-L, Serie 62

BSP		4-Wege Ventilsystem		4-Wege Ventilsystem (mm)					3WE6-L
Best.Nr. Part Number	4-Wege Ventilsystem		4-Wege Ventilsystem (mm)						
3WE6-L	3WE6-L	3WE6-L	10/10	11	12	13	14	15/16	
3WE6-L-2-1	3WE6-L-2	3WE6-L-2	14	15	16	17	17	180	
3WE6-L-2-6	3WE6-L-2	3WE6-L-2	16	16	17	17	20	180	
3WE6-L-2-11	3WE6-L-2	3WE6-L-2	20	16	17	17	20	180	
3WE6-L-2-6	3WE6-L-2	3WE6-L-2	16	16	17	20	20	180	
3WE6-L-2-11	3WE6-L-2	3WE6-L-2	16	16	17	20	20	180	
3WE6-L-2-6	3WE6-L-2	3WE6-L-2	20	16	17	20	20	180	
3WE6-L-2-11	3WE6-L-2	3WE6-L-2	20	16	17	20	20	180	
3WE6-L-2-6	3WE6-L-2	3WE6-L-2	14	14	14	14	20	180	
3WE6-L-2-11	3WE6-L-2	3WE6-L-2	14	14	14	20	20	180	
3WE6-L-2-6	3WE6-L-2	3WE6-L-2	16	16	16	24	24	180	
3WE6-L-2-11	3WE6-L-2	3WE6-L-2	16	16	16	24	24	180	
3WE6-L-2-6	3WE6-L-2	3WE6-L-2	20	16	16	24	24	180	
3WE6-L-2-11	3WE6-L-2	3WE6-L-2	20	16	16	24	24	180	
3WE6-L-2-6	3WE6-L-2	3WE6-L-2	14	14	14	24	24	180	
3WE6-L-2-11	3WE6-L-2	3WE6-L-2	14	14	14	24	24	180	

Multiplay = BSP/BSP

Indikator:

BSP

Art-Nr. Produktname	Big Digital Series		Revo Digital (mini) Produktname				
	ØH	ØD	ØH	L1	L2	L	Material
290-05-01-2	54,7-12	9197-09	19	20	18	19	Alu
290-05-01-3	54,7-12	9197-09	22	20	18	22	Alu
290-05-01-4	54,7-12	9197-10	23	20	18	23	Alu
290-05-01-7	54,7-12	9197-09	25	24	18	25	Alu
290-05-01-8	54,7-12	9197-10	25	24	18	25	Alu
290-05-01-9	54,7-12	9197-10	25	24	18	25	Alu
290-05-12-1	54,7-12	9197-10	32	30	18	32	Alu
290-05-12-2	54,7-12	9197-10	32	30	18	32	Alu
290-05-12-8	54,7-12	9197-10	32	30	18	32	Alu
290-05-16-1	57-7	9197-10	41	39	18	41	Alu
290-05-16-2	57-7	9197-10	41	39	18	41	Alu
290-05-16-8	57-7	9197-10	41	39	18	41	Alu
290-05-20-8	57-10-11	9197-10	50	50	20	50	Alu
290-05-20-12	57-10-11	9197-10	50	50	28	50	Alu
290-05-20-18	57-10-11	9197-11	50	50	20	50	Alu
290-05-24-8	57-10-11	9197-10	55	55	20	55	Alu
290-05-24-8	57-10-11	9197-10	55	55	20	55	Alu
290-05-24-12	57-10-11	9197-10	55	55	20	55	Alu
290-05-24-18	57-10-11	9197-11	55	55	20	55	Alu
290-05-24-20	57-10-11	9197-11	55	55	20	55	Alu

290-05-01-02 bis 290-05-24-20



UNIF® Standard / UNIF® Standard

UNIF 3T*

UNIF-Modell Beschreibung	Anzahl UNIF Einheiten	Anzahl UNIF (UNIF) Beschreibung (UNIF)				UNIF (UNIF)
		UNIF	UNIF	UNIF	UNIF (UNIF)	
UNIF-Modell	1 UNIF	UNIF	UNIF	UNIF	UNIF	
UNIF-Modell	1 UNIF	UNIF	UNIF	UNIF	UNIF	
UNIF-Modell	1 UNIF	UNIF	UNIF	UNIF	UNIF	
UNIF-Modell	1 UNIF	UNIF	UNIF	UNIF	UNIF	
UNIF-Modell	1 UNIF	UNIF	UNIF	UNIF	UNIF	
UNIF-Modell	1 UNIF	UNIF	UNIF	UNIF	UNIF	



BSP Female Single Signal

Subtotal Quantity of BSP

BSP 40°

Order No. Cross Reference	Sig. Signal Metric	Signal/Signal (mm)			
		L1	L2	L3	Signal
1000000	1000 - 100	1000	1000	1000	1000
1000000	1000 - 100	1000	1000	1000	1000
1000000	1000 - 100	1000	1000	1000	1000
1000000	1000 - 100	1000	1000	1000	1000
1000000	1000 - 100	1000	1000	1000	1000
1000000	1000 - 100	1000	1000	1000	1000
1000000	1000 - 100	1000	1000	1000	1000



1000000 1000 - 100

400-L/S Series / 400-L/S Series

Model: 30° Tip L/S

Part Number	Dry Weight (lb)	Liquid Weight (gallons)							
		20F	32F	40F	50F	60F	70F	80F	90F
400-L-6	44.2	26	26	26	26	26	26	26	26
400-L-8	44.2	27	27	27	27	27	27	27	27
400-L-10	44.2	28	28	28	28	28	28	28	28
400-L-12	44.2	29	29	29	29	29	29	29	29
400-L-16	44.2	30	30	30	30	30	30	30	30
400-L-20	44.2	31	31	31	31	31	31	31	31
400-L-24	44.2	32	32	32	32	32	32	32	32
400-L-28	44.2	33	33	33	33	33	33	33	33
400-L-32	44.2	34	34	34	34	34	34	34	34
400-L-36	44.2	35	35	35	35	35	35	35	35
400-L-40	44.2	36	36	36	36	36	36	36	36
400-L-44	44.2	37	37	37	37	37	37	37	37
400-L-48	44.2	38	38	38	38	38	38	38	38
400-L-52	44.2	39	39	39	39	39	39	39	39
400-L-56	44.2	40	40	40	40	40	40	40	40
400-L-60	44.2	41	41	41	41	41	41	41	41
400-L-64	44.2	42	42	42	42	42	42	42	42
400-L-68	44.2	43	43	43	43	43	43	43	43
400-L-72	44.2	44	44	44	44	44	44	44	44
400-L-76	44.2	45	45	45	45	45	45	45	45
400-L-80	44.2	46	46	46	46	46	46	46	46
400-L-84	44.2	47	47	47	47	47	47	47	47
400-L-88	44.2	48	48	48	48	48	48	48	48
400-L-92	44.2	49	49	49	49	49	49	49	49
400-L-96	44.2	50	50	50	50	50	50	50	50



Kegelele Dieck
 Working Head - Metric

Metrik 26° Tlg L/S

Kegelele Part Number	Tlg (T) / Thread	Kegelele (mm) Dimensions (mm)								
		a (D1)	L1	L2	L3	a (D2)	r	r1	r2	HL (mm)
4200-L-08-08	M8x1.0 L8	8	27	13	16	13	0	0	0	100
4200-L-08-10	M8x1.0 L10	8	28	14	16	13	0	0	0	100
4200-L-10-10	M10x1.5 L10	10	30	15	24	14	0	0	0	100
4200-L-12-12	M12x1.5 L12	12	32	17	26	16	0	0	0	100
4200-L-16-16	M16x2.0 L16	16	36	21	30	18	0	0	0	100
4200-L-18-18	M18x2.0 L18	18	40	23	32	20	0	0	0	100
4200-L-20-20	M20x2.5 L20	20	44	25	35	22	0	0	0	100
4200-L-25-25	M25x3.0 L25	25	47	27	41	24	0	0	0	100
4200-L-30-30	M30x3.5 L30	30	50	29	44	26	0	0	0	100
4200-L-42-42	M42x5.0 L42	42	57	34	51	30	0	0	0	100

4200-L-25-25-30-30-42-42-50-50-60-60-70-70-80-80



Metric 24° Tip L/S

4220-L/S Series / 4220-L/S Series

Part No. Description	Tip Style / Thread		Rotor (Optional) (mm)							
	24°	T	4220	41	42	43	44	45	46	
4220-L-008	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55	
4220-L-010	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55	
4220-L-012	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55	
4220-L-014	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55	
4220-L-016	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55	
4220-L-018	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55	
4220-L-020	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55	
4220-L-022	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55	
4220-L-024	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55	

4220-S-008	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55
4220-S-010	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55
4220-S-012	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55
4220-S-014	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55
4220-S-016	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55
4220-S-018	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55
4220-S-020	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55
4220-S-022	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55
4220-S-024	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55
4220-S-026-1	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55
4220-S-028-20	Ø 100* 10	1/2" x 1/4"	35	38	42.5	45	48	50	55



Maximator Tera Baller (Pro)

Maximator Betonbohrer (Pro)

BSP/Metrik 3/8" Tip L

Teil-Nr. Part Number	Tip Diameter Bohrer		Bore Diameter (mm) Bohrerbohrung (mm)				
	L	T	Ø 20	Ø 22	Ø 24	Ø 26	Profil
4271-0-0	Ø40*10	Ø30*8	ØL	ØL	ØL	ØL	ØØ
4271-0-0	Ø40*10	Ø30*8	ØL	ØL	ØL	ØL	ØØ
4271-0-10	Ø40*10	Ø30*8	ØL	ØL	ØL	ØL	ØØ
4271-0-13	Ø40*10	Ø30*8	ØL	ØL	ØL	ØL	ØØ
4271-0-0	Ø30*10	Ø20*8	ØL	ØL	ØL	ØL	ØØ
4271-0-0	Ø30*10	Ø20*8	ØL	ØL	ØL	ØL	ØØ
4271-0-10	Ø30*10	Ø20*8	ØL	ØL	ØL	ØL	ØØ
4271-0-13	Ø30*10	Ø20*8	ØL	ØL	ØL	ØL	ØØ

4271-0-0001 4271-0-0002 4271-0-0003 4271-0-0004 4271-0-0005 4271-0-0006 4271-0-0007 4271-0-0008



NPT/UNF 3/8"

Adaptador - NPT/UNF

NPT/UNF 3/8"

Número Parte Número	Típico (mm)		Dimensiones (mm)			
	G	T	ØD1	L1	L2	Profilo
427-01-001	100,00	17,00-20	6	20	13	Ø6
427-04-001	100,00	17,00-20	6	20	14	Ø6
427-04-002	100,00	17,00-20	6	20	14	Ø6
427-04-003	100,00	17,00-20	10,0	20	11	Ø6
427-04-004	100,00	14,00-16	6	20	11	Ø6
427-04-005	100,00	14,00-16	7	20	14	Ø6
427-08-001	100,00	17,00-20	6	24	14	Ø6
427-08-002	100,00	17,00-20	10,0	24	14	Ø6
427-08-003	100,00	17,00-20	6	27	14	Ø6
427-08-004	100,00	17,00-20	10,0	29	14	Ø6
427-08-005	100,00	17,00-20	7	44	22	Ø6
427-08-006	100,00	14,00-16	7	44	22	Ø6
427-08-007	100,00	14,00-16	10,0	44	22	Ø6
427-08-008	100,00	14,00-16	10,0	44	24	Ø6
427-12-001	100,00	17,00-20	10,0	50	21	Ø6
427-12-002	100,00	17,00-20	10	52	21	Ø6
427-16-001	100,00	17,00-20	10	57	24	Ø6
427-16-002	100,00	17,00-20	20	59	24	Ø6
427-20-001	100,00	17,00-20	20	67	30	Ø6
427-24-001	100,00	17,00-20	20	69	30	Ø6
427-32-001	100,00	21,00-24	20	75	31	Ø6

Adaptador UNF / NPT 3/8" para 1/2"



A32 Series F 3.0 Series

UNF 3P

Part No. Description	Applicable Pumps		Applicable Dimensions (Reference only)			
	F1	F2	L1	W1	H	Mounting
A32-01-001	0101-001	0101-001	36	4	52	100
A32-01-002	0101-002	0101-002	36	6	52	100
A32-01-003	0101-003	0101-003	36	7.5	52	100
A32-01-004	0101-004	0101-004	36	6	52	100
A32-01-005	0101-005	0101-005	42	10	58	100
A32-01-006	0101-006	0101-006	48	12	64	100
A32-01-007	0101-007	0101-007	54	15	70	100
A32-01-008	0101-008	0101-008	57	17	75	100
A32-01-009	0101-009	0101-009	60	17.5	80	100
A32-01-010	0101-010	0101-010	70	22	90	100
A32-01-011	0101-011	0101-011	87	28	110	100



Metrik / UNF 37°
 Adapter - Metall/Alu

Metrik / UNF 37°

Metrik Form-Norm	Metrisches Gewinde		Metrisches Gewinde (mm)			
	F	G	L1	L2	L	Werte
G20x1,5	M10x1,5	M8x1,5	10	11	15	100
G20x1,5	M14x1,5	M8x1,5	10	11	15	100
G20x1,5	M16x1,5	M8x1,5	10	11	20	100
G20x1,5	M18x1,5	M8x1,5	10	11	20	100
G20x1,5	M20x1,5	M8x1,5	10	11	20	100
G20x1,5	M22x1,5	M8x1,5	10	11	20	100
G20x1,5	M24x1,5	M8x1,5	10	11	20	100
G20x1,5	M26x1,5	M8x1,5	10	11	20	100
G20x1,5	M28x1,5	M8x1,5	10	11	20	100
G20x1,5	M30x1,5	M8x1,5	10	11	20	100

A 200 Standard / A 200 Standard



434 Series F 434 Series

NPT

Part No. Part Name	Eq. Design Name	Inner Dimensions (Reference Only)		
Part No.	Eq.	L1	r	Profile
434-01	434F-01	1.0	1.2	1/8"
434-02	434F-02	1.5	1.4	1/8"
434-03	434F-03	2.0	1.7	1/8"
434-04	434F-04	2.5	2.0	1/8"
434-10	434F-10	2.0	1.7	3/16"
434-15	434F-15	2.5	2.0	3/16"
434-20	434F-20	3.0	2.3	3/16"
434-25	434F-25	3.5	2.6	3/16"



Elbow Street

Elbow Street Elbow

NPT/UNC 30°

Part No. Part Number	Elbow Design Design		Elbow Design (mm) Dimensions (mm)			
	L	T	L1	L2	r	PN Ref.
440-12-12	100.00	100.00	26	26	14	100
440-14-14	100.00	100.00	27	27	14	100
440-16-16	100.00	100.00	28	27	14	100
440-18-18	100.00	100.00	27	29	14	100
440-20-20	100.00	100.00	28	28	17	100
440-22-22	100.00	100.00	27	29	17	100
440-24-24	100.00	100.00	32	28	19	100
440-26-26	100.00	100.00	31	32	21	100
440-28-28	100.00	100.00	34	34	21	100
440-30-30	100.00	100.00	34	32	21	100
440-32-32	100.00	100.00	37	37	24	100
440-36-36	100.00	100.00	42	40	27	100
440-40-40	100.00	100.00	45	40	27	100
440-42-42	100.00	100.00	47	40	27	100
440-48-48	100.00	100.00	50	50	30	100
440-50-50	100.00	100.00	52	50	32	100
440-55-55	100.00	100.00	55	52	35	100

WITTENBERG 30° Elbow Street Elbow



NPT/FINE SP

441 Series / 441 Series

Model No. Part Number	Dry Weight (lb/kg)		Dry Weight (oz) Reference (mm)			
	C	T	L1	L2	T	Profile
441-20-00	100.00	100.00	19	19	12	SP
441-20-01	100.00	100.00	21	21	14	SP
441-20-02	100.00	100.00	23	23	16	SP
441-20-03	100.00	100.00	25	25	18	SP
441-20-04	100.00	100.00	27	27	20	SP
441-20-05	100.00	100.00	29	29	22	SP
441-20-06	100.00	100.00	31	31	24	SP
441-20-07	100.00	100.00	33	33	26	SP
441-20-08	100.00	100.00	35	35	28	SP
441-20-09	100.00	100.00	37	37	30	SP
441-20-10	100.00	100.00	39	39	32	SP
441-20-11	100.00	100.00	41	41	34	SP
441-20-12	100.00	100.00	43	43	36	SP
441-20-13	100.00	100.00	45	45	38	SP
441-20-14	100.00	100.00	47	47	40	SP
441-20-15	100.00	100.00	49	49	42	SP
441-20-16	100.00	100.00	51	51	44	SP
441-20-17	100.00	100.00	53	53	46	SP
441-20-18	100.00	100.00	55	55	48	SP
441-20-19	100.00	100.00	57	57	50	SP
441-20-20	100.00	100.00	59	59	52	SP



Control Circuit Separable Control Block

DSF/LSF 3T*

Part No. Accessories	Sig. Output Terminal		Signal Output (max) Dimensions (mm)			
	L	T	L1	L2	T	PC Pin
4000-0-0-0	square on	square on	40	27	14	200
4000-0-0-0	square on	square on	40	27	14	200
4000-0-0-0	square on	square on	40	27	14	200
4000-0-0-0	DSF* on	square on	27	29	16	200
4000-0-0-0	DSF* on	square on	27	30	20	200
4000-0-0-0	DSF* on	square on	40	34	24	200
4000-0-0-0	DSF* on	square on	40	37	24	200
4000-0-0-0	square on	square on	40	43	27	200
4000-0-0-0	square on	square on	40	44	26	200
4000-0-0-0	square on	square on	27	43	26	200

*DSF = Digital Signal Format



ESPEY/2000 13P

ESPEY/2000 13P

Part No. Part Number	Big Bore Drill Series		Basic Model/Standard Series (Maximum Speed)			
	Q	T	L1	L2	F	Model
2000-00-04	1007.000	1007.000	21	29	14	200
2000-00-05	1007.000	1007.000	21	27	14	200
2000-00-06	1007.000	1007.000	21	29	14	200
2000-00-07	1007.000	1007.000	20	28	13	200
2000-00-08	1007.000	1007.000	20	28	13	200
2000-00-09	1007.000	1007.000	20	28	13	200
2000-00-10	1007.000	1007.000	20	28	13	200
2000-00-11	1100.000	1100.000	17	23	10	200
2000-00-20	1100.000	1100.000	16	22	10	200



Multi Area Highback Office

Model: 1000/1000

ERGONOMY 4.0*

Desk Size Footprint (mm)	Big Backrest Height		Upper Backrest (mm)			
	SM	MD	SM	L1	L2	SHOULDER
1000/1000	610/610	610/610	4	26	74	100
1000/1400	610/610	610/610	5	32	78	100
1000/1800	610/610	610/610	6/5	35	80	100
1000/1800	610/610	610/610	15.5	32	87	100
1000/1800	610/610	610/610	16	35	90	100
1000/1800	610/610	610/610	21	32	84	100
1000/2000	610/610	610/610	20	32	80	100
1000/2400	610/610	610/610	20	32	80	100
1000/2400	610/610	610/610	24	35	85	100
1000/2400	610/610	610/610	24	35	85	100
1000/2400	610/610	610/610	24	35	85	100
1000/2400	610/610	610/610	28	35	85	100

1000/1800, 1000/2000, 1000/2400



BSP 60°/BSP 60°

Add Suffix of Add Standards

Part No. Part Number	Inp. Signal Input		Output Signal (max) Dimensions (mm)			
	PC4	M	PC1	L1	L	Mount
220-2-2	0.507-06	0.507-06	4	24	14	100
220-2-4	0.507-06	0.507-06	6	22	18	100
220-2-6	0.507-06	0.507-06	8	26	22	100
220-2-8	0.507-06	0.507-06	11	24	27	200
220-2-12	0.507-06	0.507-06	16	28	32	200
220-2-16	0.507-06	0.507-06	21	32	34	200
220-25-25	0.710-08	0.710-08	25	44	52	100
220-25-25	0.710-08	0.710-08	25	47	52	100
220-32-32	0.710-08	0.710-08	32	52	57	100



Sealed Signal
 Model - 400-600

OSP 400/600 OSP 400

Model No. Part Number	Sig. Signal Input		Signal Signal Input Dimensions (mm)				
	M	M'	W1	H1	L1	L	W2
OSP-40-01	OSP-10	OSP-05	6	4	25	15	100
OSP-40-02	OSP-10	OSP-10	8	6	30	20	100
OSP-40-03	OSP-10	OSP-15	12	8	35	25	100
OSP-40-04	OSP-10	OSP-20	12	8	35	25	100
OSP-60-05	OSP-10	OSP-10	12	8	42	30	100
OSP-60-06	OSP-10	OSP-15	12	11	42	30	100
OSP-60-08	OSP-15	OSP-10	20	11	42	40	100
OSP-60-10	OSP-15	OSP-15	20	17	42	40	100
OSP-60-12	OSP-15	OSP-20	20	20	42	40	100
OSP-60-14	OSP-15	OSP-25	20	20	42	40	100
OSP-60-16	OSP-15	OSP-30	20	20	42	40	100
OSP-60-20	OSP-15	OSP-40	20	20	42	40	100
OSP-60-25	OSP-15	OSP-50	20	20	42	40	100

Signal Input / Output Size



4 623 Standard P 4x3.5 Steel balls

NPT/80°-80°

Part No. Part number	Inp. Sph. (mm)		Output Sph. (mm)			
	Ø1	Ø2	Ø1	L1	L2	Ø3/Ø4
800-20-2	Ø 100/100	Ø 80/80	4	26	Ø1	100
800-20-4	Ø 100/100	Ø 100/100	6	32	Ø1	100
800-20-6	Ø 100/100	Ø 100/100	8	38	Ø1	100
800-20-8	Ø 100/100	Ø 100/100	10	42	Ø1	100
800-20-12	Ø 100/100	Ø 100/100	15	47	Ø1	100
800-20-20	Ø 100/100	Ø 100/100	20	58	Ø1	100
800-20-30	Ø 100/100	Ø 100/100	30	67	Ø1	100
800-20-40	Ø 100/100	Ø 100/100	40	74	Ø1	100
800-20-50	Ø 100/100	Ø 100/100	50	81	Ø1	100



Line: Bajajanti/Kiprot BOP Bombedil Dupa (Gergaji BOP)
 asosiasi : 100/1000

BOP Bombedil 60"

Kategori Part Number	Qty. Required Per Unit		Bajajanti/Kiprot (mm)			
	QTY	QTY	QTY	L1	L2	Profile
000-01-0	100/100	100/100	4	14	10	000
000-01-1	100/100	100/100	5	14	14	000
000-01-2	100/100	100/100	8	16	18	000
000-01-3	100/100	100/100	10	18	20	000
000-01-102	100/100	100/100	10	20	22	000
000-01-103	0/00	0/00	12	20	24	000

Data Spesifikasi / Data Specification



A 200-1 Spindel 7 Achsen-1 Spindel

200/207 207

Werkzeug Form-Nr.	Spindel Form-Nr.		Spindel-Abmessungen (Dimensionen in mm)				
	W	W2	H 20	L1	L2	s	W3max
200/207-20-02	200/207	200/207	4	8	14	14	400
200/207-20-04	200/207	200/207	5	10	16	16	400
200/207-20-06	200/207	200/207	6	12	18	18	400
200/207-20-08	200/207	200/207	8	16	24	24	400
200/207-20-10	200/207	200/207	10	20	30	30	400
200/207-20-18	207-01	207-01	18	36	54	54	400



DSPE Spigolati

catalogo - 2021/2022

DSPE/DSFS

Norma Prestazione	Taglia Spigola (mm)		Misure Spigole (mm) (Dimensioni in pollici)					
	D	T	DSPE	DSFS	L1	L2	DSPE	DSFS
DSPE-040	40x1,75	40x1,75	5	5	21	24	1,6x0,75	1,6x0,75
DSPE-040-10	40x1,75	40x1,75	5	7	20	24	1,6x0,75	1,6x0,75
DSPE-040-15	40x1,75	40x1,75	5	5	20	20	1,6x0,75	1,6x0,75
DSPE-040-20	40x1,75	40x1,75	7	7	20	20	1,6x0,75	1,6x0,75
DSPE-040-25	40x1,75	40x1,75	8	10	20	20	1,6x0,75	1,6x0,75
DSPE-040-30	40x1,75	40x1,75	7	7	27	27	1,6x0,75	1,6x0,75
DSPE-040-35	40x1,75	40x1,75	10	10	28	27	1,6x0,75	1,6x0,75
DSPE-040-40	40x1,75	40x1,75	12	12	28	27	1,6x0,75	1,6x0,75
DSPE-040-45	40x1,75	40x1,75	12	12	28	27	1,6x0,75	1,6x0,75
DSPE-040-50	40x1,75	40x1,75	12	12	28	27	1,6x0,75	1,6x0,75
DSPE-040-55	40x1,75	40x1,75	12	12	28	27	1,6x0,75	1,6x0,75
DSPE-040-60	40x1,75	40x1,75	12	12	28	27	1,6x0,75	1,6x0,75
DSPE-040-65	40x1,75	40x1,75	12	12	28	27	1,6x0,75	1,6x0,75
DSPE-040-70	40x1,75	40x1,75	12	12	28	27	1,6x0,75	1,6x0,75
DSPE-040-75	40x1,75	40x1,75	12	12	28	27	1,6x0,75	1,6x0,75
DSPE-040-80	40x1,75	40x1,75	12	12	28	27	1,6x0,75	1,6x0,75
DSPE-040-85	40x1,75	40x1,75	12	12	28	27	1,6x0,75	1,6x0,75
DSPE-040-90	40x1,75	40x1,75	12	12	28	27	1,6x0,75	1,6x0,75
DSPE-040-95	40x1,75	40x1,75	12	12	28	27	1,6x0,75	1,6x0,75
DSPE-040-100	40x1,75	40x1,75	12	12	28	27	1,6x0,75	1,6x0,75

A 400 Spigola / 4x0,175 Spigole



Adapter - BSPYORPS

BSPYORPS

BSPYORPS Part Number	Qty. Signal Terminals	Adapter Type	Mounting Height (mm)	
			A	B
BSPYORPS-01	4 (2) 1.25	10001.00	18	18
BSPYORPS-02	4 (2) 1.25	10001.00	20	18
BSPYORPS-03	4 (2) 1.25	10001.00	20	20
BSPYORPS-04	4 (2) 1.25	10001.00	24	20
BSPYORPS-05	4 (2) 1.25	10001.00	24	20
BSPYORPS-06	4 (2) 1.25	11.00	28	20
BSPYORPS-07	4 (2) 1.25	11001.00	28	28
BSPYORPS-08	4 (2) 1.25	11001.00	32	28
BSPYORPS-09	1 (1) 1.00	11001.00	32	32
BSPYORPS-10	1 (1) 1.00	11001.00	38	38



UNIFORMS Term Index

August 2007/2008

UNIFORMS

UNF No. Part Number	Qty. Required (Each)		Major Equipment Items (Description/Item)				UNF No.
	T1	T2	U1	U2	+	+	
UNF 1-01-01	UNIFORM	UNIFORM	10	24	10	10	UNF
UNF 1-01-02	UNIFORM	UNIFORM	10	27	10	20	UNF
UNF 1-01-03	UNIFORM	UNIFORM	10	27	24	20	UNF
UNF 1-01-04	UNIFORM	UNIFORM	10	30	24	24	UNF
UNF 1-01-05	UNIFORM	UNIFORM	10	34	24	30	UNF
UNF 1-01-06	UNIFORM	UNIFORM	10	30	27	24	UNF
UNF 1-01-07	UNIFORM	UNIFORM	10	30	27	30	UNF
UNF 1-01-08	UNIFORM	UNIFORM	10	27	20	10	UNF
UNF 1-01-09	UNIFORM	UNIFORM	10	30	20	30	UNF
UNF 1-01-10	UNIFORM	UNIFORM	10	34	20	10	UNF
UNF 1-01-11	UNIFORM	UNIFORM	10	34	40	10	UNF
UNF 1-01-12	UNIFORM	UNIFORM	10	34	40	10	UNF
UNF 1-01-13	UNIFORM	UNIFORM	10	34	40	10	UNF
UNF 1-01-14	UNIFORM	UNIFORM	10	34	40	10	UNF
UNF 1-01-15	UNIFORM	UNIFORM	10	34	40	10	UNF
UNF 1-01-16	UNIFORM	UNIFORM	10	34	40	10	UNF
UNF 1-01-17	UNIFORM	UNIFORM	10	34	40	10	UNF
UNF 1-01-18	UNIFORM	UNIFORM	10	34	40	10	UNF
UNF 1-01-19	UNIFORM	UNIFORM	10	34	40	10	UNF
UNF 1-01-20	UNIFORM	UNIFORM	10	34	40	10	UNF

A 100% Special of UNF-1 Street car



4007 Series 1/4 to 3/8 Series


DRPS


Part No. Part Number	Inlet/Outlet Thread		Bore/Stroke (mm)			
	F1	F2	L1	L2	L	Stroke
4007-01	1/4" NPT	1/4" NPT	13	25	17	1000
4007-02	1/4" NPT	1/4" NPT	13	25	15	1000
4007-03	1/4" NPT	1/4" NPT	14	25	20	1000
4007-04	1/4" NPT	1/4" NPT	16	40	27	1000
4007-05	1/4" NPT	1/4" NPT	17	40	30	1000
4007-06	1/4" NPT	1/4" NPT	18	40	30	1000
4007-07	1/4" NPT	1/4" NPT	19	40	30	1000



DRPS Fluid Supply Model
 Detailed Description - DRPS

		DRPS			
Model No. Part Number	Qty Supplied Mount	Supply Dimensions (mm)			
ID (mm)	FT	L1	L2	H	Pkg Size
4280-01	1 (100) (10)	428	160	22	4280
4280-10	1 (100) (10)	520	160	21	4280
4280-12	1 (100) (10)	520	171	20	4280
4280-16	1 (100)	617	171	22	4280
4280-20	1 (100) (10)	695	160	21	4280
4280-25	1 (100) (10)	762	160	20	4280
4280-30	1 (100) (10)	762	160	20	4280





MOORE UTILITY PARTS DEPT

UNS Standard / UNS Standard

UNF/UNS

Part No. Part Number	Big End (mm)		Small End (mm) (Dimension to Lead)				
	L1	L2	L1	L2	L3	L4	Profile
UNF-01-01	1000.00	1000.00	4	11	20	11	000
UNF-01-01	1000.00	1000.00	4	11	19	11	000
UNF-01-02	1000.00	1000.00	60	60	20	11	000
UNF-01-02	1000.00	1000.00	60	60	17	17	000
UNF-01-03	1000.00	1000.00	10	40	17	17	000
UNF-01-03	1000.00	1000.00	10	40	17	17	000
UNF-01-04	1000.00	1000.00	10	40	18	18	000
UNF-01-05	1000.00	1000.00	10	40	20	18	000
UNF-01-06	1000.00	1000.00	15	40	18	18	000
UNF-01-07	1000.00	1000.00	15	40	17	17	000
UNF-01-08	1000.00	1000.00	20	40	18	18	000
UNF-01-09	1000.00	1000.00	20	40	18	18	000
UNF-01-10	1000.00	1000.00	15	15	18	18	000



UNF 317

Part No. Part Number	Dry Weight Pounds		Mount Dry Weight (lb-in)			
	D1	D2	L1	L2	L3	Motor
270-0-0	1007.00	1007.00	26	26	14	100
270-0-1	1027.00	1027.00	26	26	14	100
270-0-2	1007.00	1007.00	27	27	13	100
270-0-3	1007.00	1007.00	28	28	13	100
270-0-4	1007.00	1007.00	29	29	12	100
270-0-5	1007.00	1007.00	27	27	14	100
270-12-12	1700.00	1700.00	42	42	21	100
270-16-16	1700.00	1700.00	48	48	20	100
270-20-20	1700.00	1700.00	52	52	17	100
270-24-24	1700.00	1700.00	58	58	16	100

MOORE INDUSTRIES



4 PZ Screws / 4 PZ Screws

UNF 3P

Part No. Part Number	Qty. Required Per Unit		Mounting Dimensions (Reference Dimensions in mm)			
	L1	L2	L1	L2	W	Profile
375-01-01	0001.00	0001.00	16	26	14	300
375-01-01	1001.00	1001.00	20	30	14	300
375-01-01	0001.00	0001.00	27	37	14	300
375-01-01	0001.00	0001.00	20	30	16	300
375-01-01	0001.00	0001.00	20	30	18	300
375-01-01	0001.00	0001.00	26	36	20	300
375-01-01	0001.00	0001.00	30	40	20	300
375-01-01	0001.00	0001.00	37	47	20	300
375-01-01	0001.00	0001.00	40	50	24	300
375-01-01	0001.00	0001.00	47	57	24	300



UNF T-Nuts

Right-Thread Adapters

UNF 37

Part No. Part Number	Key-Operated Thread	Key-Operated Dimensions (mm)			
		L1	L2	r	Width
480-4	1/8"-28	26	26	14	480
480-6	1/4"-20	26	26	16	480
480-8	3/8"-16	27	27	18	480
480-7	1/2"-13	27	27	18	480
480-9	5/8"-11	30	30	19	480
480-10	3/4"-10	37	37	24	480
480-11	1"-8	43	43	27	480
480-12	1 1/8"-7	48	48	30	480
480-13	1 1/4"-7	52	52	32	480
480-14	1 3/8"-6	59	59	35	480

4800 Series 1" 4800 Series



AVD Series of AVD Sensors

GNF 27[®]

AVD No. Part Number	Adapter Model		Adapter (Tens Rod) Dimensions (mm)				
	T1	T2	L1	L2	φ1	φ2	Weight
AVD-0-4	GNF-26	GNF-26	26	26	16	16	400
AVD-0-6	GNF-26	GNF-26	26	26	16	17	400
AVD-0-8	GNF-26	GNF-26	26	26	16	18	400
AVD-0-1	GNF-26	GNF-26	26	26	16	20	400
AVD-0-2	GNF-26	GNF-26	26	26	16	24	400
AVD-10-10	GNF-26	GNF-26	26	42	20	27	400
AVD-10-12	GNF-26	GNF-26	26	44	20	30	400
AVD-10-16	GNF-26	GNF-26	26	50	20	37	400
AVD-20-20	GNF-26	GNF-26	26	56	22	45	400



UNF UNF Taper Sleeve

UNF Adapter with Tapered End

UNF 33°

Part No. Part Number	Key Diameter Thread		Key Diameter (mm)				Part No.
	T1	T2	1.7	2.5	4	6	
UNF-10-10	UNF-10	UNF-10	10	10	10	10	100
UNF-10-15	UNF-10	UNF-10	10	15	10	15	100
UNF-10-20	UNF-10	UNF-10	10	20	10	15	100
UNF-10-25	UNF-10	UNF-10	10	25	10	15	100
UNF-10-30	UNF-10	UNF-10	10	30	10	15	100
UNF-10-35	UNF-10	UNF-10	10	35	10	15	100
UNF-12-10	UNF-12	UNF-12	12	12	12	12	100
UNF-12-15	UNF-12	UNF-12	12	15	12	12	100
UNF-12-20	UNF-12	UNF-12	12	20	12	12	100
UNF-12-25	UNF-12	UNF-12	12	25	12	12	100

UNF-10-10 to UNF-12-25



5000 Series T / 5000 Series T

UNF 37°		Taper Adapter (mm)				
Part Number	Key Width	Reference Only (mm)				
HT Dia	H	L1	L2	W	W	HT Dia
5000-6	6mm Dia	17	26	16	16	16mm
5000-8	8mm Dia	17	26	16	17	16mm
5000-8	8mm Dia	20	27	17	16	16mm
5000-7	8mm Dia	24	32	17	20	16mm
5000-8	8mm Dia	24	32	16	24	16mm
5000-10	8mm Dia	28	37	24	24	16mm
5000-12	8mm Dia	30	40	25	30	16mm
5000-16	8mm Dia	35	45	25	42	16mm
5000-20	8mm Dia	40	50	42	50	16mm



LMF Oris Baseit T

Brushed Steel Adapter With
Rubber Feet

LMF JIG 37*

Part No. Part Number	Qty. Required / Piece	Space Required (mm) Dimensions (inch)				Part No. Part No.
		L1	L2	W	H	
910-01	1 LMJ-100	26	26	54	74	LMJ-100
910-02	1 LMJ-100	26	27	54	77	LMJ-100
910-03	1 LMJ-100	27	28	73	78	LMJ-100
910-07	1 LMJ-100	27	32	73	82	LMJ-100
910-08	1 LMJ-100	32	36	84	98	LMJ-100
910-10	1 LMJ-100	27	32	84	97	LMJ-100
910-12	1 LMJ-100	32	34	87	102	LMJ-100
910-16	1 LMJ-100	32	32	88	101	LMJ-100
910-20	1 LMJ-100	32	38	111	102	LMJ-100

910-01, 910-02, 910-03, 910-07, 910-08, 910-10, 910-12, 910-16, 910-20



UNF Fasten System

UNF UNF

Fasten Part Number	Big Diameter (mm)		Upper Diameter (mm)			
	U1	U2	U1	U2	U3	U4 (U5)
UNF-10-10	10x10,26	10x11,26	10	10	10	10,26
UNF-10-12	10x10,26	10x11,26	10	10	10	10,26
UNF-10-16	10x10,26	10x11,26	10	10	10	10,26
UNF-10-20	10x10,26	10x11,26	10	10	10	10,26
UNF-12-10	12x12,26	12x13,26	12	12	12	12,26
UNF-12-12	12x12,26	12x13,26	12	12	12	12,26
UNF-12-16	12x12,26	12x13,26	12	12	12	12,26
UNF-12-20	12x12,26	12x13,26	12	12	12	12,26



UMF Hydraulic Circuit

UMF Adapter with Fixed Size
Control Valve

UMF 37*

Model No. Part Number	Dig. Depth (mm)		Bucket Capacity (mm)			
	1.1	1.2	1.1	1.2	1.3	1.4/1.5/1.6
U270-6-6	1000-120	1000-120	27	30	32	420
U270-7-6	1027-120	1027-120	27	30	32	420
U270-8-6	1054-120	1054-120	28	31	33	420
U270-9-6	1081-120	1081-120	28	31	34	420
U270-10-10	1108-120	1108-120	28	31	34	480
U270-12-1.2	1135-120	1135-120	28	31	35	480
U270-14-1.4	1162-120	1162-120	28	31	36	480
U270-16-1.6	1189-120	1189-120	28	31	37	480

UMF Adapter / UMF Section



UNF Standard / UNF Circuit Size

Metrik - UNF 3T*

UNF Part Number	UNF Thread		Circuit Metric (mm)			
	F1	F2	L1	L2	L3	UNF L1
UNF-06-06	M3x1.5	M3x1.5	26	25	24	UNF
UNF-06-08	M3x1.5	M3x1.5	27	26	25	UNF
UNF-06-10	M3x1.5	M3x1.5	28	28	28	UNF
UNF-06-12	M3x1.5	M3x1.5	30	30	30	UNF
UNF-06-15	M3x1.5	M3x1.5	33	33	33	UNF
UNF-10-12	M4x1.5	M4x1.5	34	33	32	UNF
UNF-10-15	M4x1.5	M4x1.5	36	35	34	UNF
UNF-12-15	M4x1.5	M4x1.5	42	40	38	UNF
UNF-16-20	M5x1.5	M5x1.5	48	46	44	UNF
UNF-20-25	M6x1.5	M6x1.5	52	50	48	UNF



BSP-Turn Nuts

Strength: 10.9/12.9
Material: Steel

BSP/40°/BSP

Part No. Part Number	Hexagonal Nuts		Hexagonal Head Dimensions (mm)			
	M	M ^T	L	L ₁	L ₂	W ₁ (W ₂)
1000-2-2	Ø 10 ^T -10	Ø 10 ^T -10	26	14	14	10/10
1000-2-4	Ø 12 ^T -10	Ø 12 ^T -10	27	16	16	10/10
1000-2-6	Ø 16 ^T -10	Ø 16 ^T -10	32	20	20	10/10
1000-2-8	Ø 20 ^T -12	Ø 20 ^T -12	40	27	27	12/12
1000-12-12	Ø 12 ^T -12	Ø 12 ^T -12	44	30	30	12/12
1000-16-16	M ^T 1.6	M ^T 1.6	46	4.1	4.1	16/16
1000-20-20	M ^T 2.0-1.8	M ^T 2.0-1.8	50	10	10	16/16
1000-24-24	M ^T 2.4-1.8	M ^T 2.4-1.8	54	10	10	16/16
1000-32-32	M ^T 3.2	M ^T 3.2	62	10	10	16/16

10.9/12.9 Steel



ESP Series / ESP Series

ESP/UNF

Part No. Part Number	Esp. Thread Thread		Esp. Sp. Size (mm) Reference Size (mm)			
	G1	G2	L1	L2	L3	Product
ESP-04-04	040P-04	040P-04	16	16	16	160
ESP-04-05	040P-05	040P-04	17	16	20	160
ESP-04-07	040P-07	040P-04	17.5	16	20	160
ESP-04-08	040P-08	040P-04	18	16	20	160
ESP-04-09	040P-09	040P-04	19	16	20	160
ESP-04-10	040P-10	040P-04	20	17	20	160
ESP-05-05	050P-05	050P-05	16	16	16	160
ESP-05-06	050P-06	050P-05	17	16	16	160
ESP-05-08	050P-08	050P-05	18	16	16	160
ESP-06-06	060P-06	060P-06	16	16	16	160
ESP-06-08	060P-08	060P-06	18	16	16	160



Tubo Giradisca

Modello 1000

Modello 1000

NPT/BSP 1/2"

Modello Accessorio	Diametro Nominale		Altezza Supporto (mm) Dimensione (mm)				Pulsante
	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	
1000-01	1/2" x 1/2"	1/2" x 1/2"	10	20	14	14	100
1000-02	1/2" x 1/2"	1/2" x 1/2"	10	20	14	14	100
1000-03	1/2" x 1/2"	1/2" x 1/2"	20	20	17	20	100
1000-04	1/2" x 1/2"	1/2" x 1/2"	10	20	24	17	100
1000-05	1/2" x 1/2"	1/2" x 1/2"	10	40	17	10	100
1000-06	1/2" x 1/2"	1/2" x 1/2"	10	60	18	12	100
1000-20	1/2" x 1/2"	1/2" x 1/2"	12	60	12	10	100
1000-26	1/2" x 1/2"	1/2" x 1/2"	10	60	10	10	100

1000-01, 1000-02, 1000-03, 1000-04, 1000-05, 1000-06, 1000-20, 1000-26



BSP-Series 60" T-Railer

BSP/BSP 60"

BSP No. Part Number	BSP Model Type	Borehole Diameter (mm)			
		17"	20"	24"	28"
BSP-21	1000-LB	17"	20"	24"	28"
BSP-22	1000-LB	24"	28"	20"	17"
BSP-23	1000-LB	20"	24"	28"	17"
BSP-24	1000-LB	17"	20"	24"	28"
BSP-25	1000-LB	20"	24"	28"	17"
BSP-26	1000-LB	24"	28"	20"	17"
BSP-27	1000-LB	17"	20"	24"	28"
BSP-28	1000-LB	20"	24"	28"	17"
BSP-29	1000-LB	24"	28"	20"	17"
BSP-30	1000-LB	17"	20"	24"	28"
BSP-31	1000-LB	20"	24"	28"	17"
BSP-32	1000-LB	24"	28"	20"	17"



BSP-Gen Basic T-Raker 40*
 General Use Adapter with T-Raker foot

BSP/BS SP 40*

Bosch Part Number	Eq. Designation	Bosch System (mm)			
		1.1	1.2	1	1.4
9.621.0	9621.00	17	19	1.2	100
9.621.02	9621.00	26	29	1.4	100
9.621.03	9621.00	29	30	1.1	100
9.621.04	9621.00	32	32	1.4	100
9.621.05	9621.00	35	35	1.1	100
9.621.06	9621.00	42	39	1.4	100
9.621.08	9621.00	49	49	1.1	100
9.621.09	9621.00	56	55	1.4	100

*See the Bosch website for more information



100' / 100' 100'

100' / 100' / 100' Series

Part No.	Qty. Required		Mount Qty./Dist. (mm)			
	100'	100'	100'	100'	100'	100'
100-20-2	0100-10	0100-10	11	20	11	100
100-20-4	0100-10	0100-10	24	20	11	100
100-20-6	0200-10	0200-10	27	21	11	100
100-20-8	0300-10	0300-10	31	24	11	100
100-20-12	0500-10	0500-10	37	27	11	100
100-100-10	041-11	041-11	41	101	11	100
100-200-100	01100-11	01100-11	41	101	41	100
100-200-20	01100-11	01100-11	101	101	101	100



T-Raker - BHP

See BHP

BHP-27

Kraft Part Number	Qty. Supplied Per Unit	Power Supply (mm)			
		L1	L2	L3	Stroke
BHP-21	1000-08	17	17	17	100
BHP-22	1000-08	24	24	18	100
BHP-23	1000-08	27	27	18	100
BHP-24	1000-10	32	32	24	100
BHP-25	1000-11	38	38	27	100
BHP-18	607-18	42	42	28	100
BHP-20	607-20-01	48	48	32	100
BHP-26	607-26-01	56	56	32	100

BHP-27 Series 27" Stroke



RSP Control Stick / RSP/HRP

RSP/HRP

Series Part Number	Max Weight Newel	Rope Height (mm) Dimension (mm)				
		L1	L2	L3	r	Height
RSP-0	100 kg	26	27	4	12	120
RSP-1	100 kg	26	30	6	14	120
RSP-2	100 kg	26	33	8	16	120
RSP-3	100 kg	26	36	11	20	120
RSP-01	100 kg	40	40	11	27	120
RSP-02	110 kg	44	42	13	30	120
RSP-03	110 kg	50	48	20	41	120
RSP-04	110 kg	56	50	28	48	120





ORFS Circuit

Rating: > 100VA

ORFS

Hilti Part Number	Qty. Applied (boxes)	Rating/Applied (mm²)			
		L	NO	T	PE/SEA
9370-01	1000/100	20	5	14	600
9370-02	1000/100	20	7	17	600
9370-03	1000/100	25	10	19	600
9370-04	750/75	30	13	27	600
9370-05	500/50	35	16	30	600
9370-06	250/25	40	21	36	600
9370-07	100/10	45	26	42	600

ORFS 9370-01 to 9370-07

57% Standard / 57% Standard

TRPS

Part No. Part Number	Leg Diameter Diameter	Upper Diameter (mm) Upper Diameter (mm)				Part No. Part No.
		L	W	H	Part No.	
8276-01	16mm Lx6	20	6	14	8276	
8276-10	16mm Lx8	26	7	17	8276	
8276-12	16mm Lx8	28	8	18	8276	
8276-16	16mm	30	13	21	8276	
8276-20	16mm Lx8	32	10	20	8276	
8276-25	16mm Lx8	42	17	26	8276	
8276-30	16mm Lx8	48	18	32	8276	



ORPG Tensile Strength

(Based on the Material Spec. ORPG)

ORPG

Part No. Part Number	Eq. Design Type	Input Diameter (mm) Input Diameter (Inch)				
		LT	LT	ORPG	+	Profile
9276-01	9276-01	22	22	8	76	450
9276-10	9276-10	26	26	7	77	450
9276-11	9276-10	26	26	10	76	450
9276-18	9276-10	33	33	13	77	450
9276-20	9276-11	38	38	10	76	450
9276-28	9276-12	43	43	17	76	450
9276-32	9276-12	45	45	16	77	450



ORPG Tensile Strength

REXROTH Servo Motor PS10 Series

REXROTH

Part No. <i>(see drawing)</i>	Key Symbol <i>(see drawing)</i>	Mounting Dimensions <i>(see drawing with key)</i>					Part No. <i>(see drawing)</i>
		L1	L2	Q10	H	W100	
820-01	820-01	20	20	6	16	820	
820-02	820-02	20	20	7	17	820	
820-03	820-03	20	20	10	19	820	
820-04	820-04	20	21	10	20	820	
820-05	820-05	20	21	10	21	820	
820-06	820-06	20	22	10	22	820	
820-07	820-07	20	22	10	23	820	



SRFS Spur Head T

Spur head adapter with
Spur Head

SRFS

Part No. Part Number	Spur Head Type	Spur Diameter (mm) Spur Head Diameter				
		L1	L2	ØD	L	ØD _{ext}
827-01	SRFS-L01	22	26	6	18	60
827-10	SRFS-L10	26	30	7	18	60
827-12	SRFS-L12	26	30	6	18	60
827-18	SR-L18	33	41	6	20	60
827-20	SRFS-L20	33	40	6	20	60
827-26	SRFS-L26	42	50	7	20	60
827-32	SRFS-L32	45	50	7	21	60

827 Spur Head / 827 Spur Head



10198 Selected / 10198 Series

RECYCLED

Series Pump number	Dry Weight (lb/kg)		Wet Weight (lb/kg) (with maximum flow)				
	C	T	1.1	1.2	1.3	1.4	1.5
10198-10	160/73	160/73	26	26	6	11	200
10198-10	160/73	160/73	26	26	7	11	200
10198-12	160/73	160/73	26	26	10	11	200
10198-16	160/73	160/73	26	26	6	11	200
10198-20	160/73	160/73	27	28	7	11	200
10198-22	160/73	160/73	28	28	10	11	200
10198-30	160/73	160/73	28	28	7	21	200
10198-32	160/73	160/73	31	31	10	21	200
10198-36	160/73	170/77	30	32	11	21	200
10198-38	160/73	170/77	31	32	11	21	200
10198-40	170/77	170/77	42	38	11	21	200
10198-42	170/77	170/77	42	38	17	42	200
10198-44	170/77	170/77	45	39	15	30	140
10198-46	170/77	170/77	45	39	15	30	140



UMF/DBFS Medical Connect

UMF – connecting adapter with

flaring and flangeless DBFS

UMF/DBFS

Part number	Big-Depth flange		Basic-Depth flange (with flangeless DBFS)			
	F1	F2	L1	L2	r	Profile
UMF-10-10-10	UMF-10	UMF-10	10	24	11	A30
UMF-10-10-12	UMF-10	UMF-10	10	24	11	A30
UMF-10-10-15	UMF-10	UMF-10	10	29	13	A30
UMF-10-10-20	UMF-10	UMF-10	10	27	12	A30
UMF-10-10-25	UMF-10	UMF-10	10	28	12	A30
UMF-10-10-30	UMF-10	F-10	10	33	14	A30
UMF-10-10-35	UMF-10	UMF-10	10	29	13	A30
UMF-10-10-40	UMF-10	UMF-10	10	34	14	A30
UMF-10-10-50	UMF-10	F-10	10	39	16	A30
UMF-10-12-12	F-10-12	F-10	10	26	11	A30
UMF-10-12-15	F-10-12	F-10-12	10	27	11	A30
UMF-10-12-20	F-10-12	F-10-12	10	32	13	A30
UMF-10-12-25	F-10-12	F-10-12	10	31	13	A30
UMF-10-12-30	F-10-12	F-10-12	10	36	14	A30
UMF-10-12-35	F-10-12	F-10-12	10	37	14	A30

UMF-10-10-10, UMF-10-10-12, UMF-10-10-15, UMF-10-10-20, UMF-10-10-25, UMF-10-10-30, UMF-10-10-35, UMF-10-10-40, UMF-10-10-50, UMF-10-12-12, UMF-10-12-15, UMF-10-12-20, UMF-10-12-25, UMF-10-12-30, UMF-10-12-35



ESP-007PG Straight Straight SP
Straight Adapter with Straight Rail SP
ESP-007PG

ESP-2-5-vert-1d / ESP-2-5-vert-1s

ESP-007PG

Part No. Part number	Sig. Signal Pins		Power Sig/Sig (Power) Dimensions (mm)			
	P1	P2	L1	L2	L3	Height
ESP-2-5-10	10P-1.0	10P-1.0	22	19	19	25.0
ESP-2-5-12	12P-1.0	12P-1.0	22	19	19	25.0
ESP-2-5-14	14P-1.0	14P-1.0	22	19	19	25.0
ESP-2-5-16	16P-1.0	16P-1.0	22	19	27	25.0
ESP-2-5-18	16P-1.0	17P-1.0	22	22	27	25.0
ESP-2-5-20-10	16P-1.0	17P-1.0	22	22	22	25.0
ESP-2-5-20-12	16P-1.0	17P-1.0	22	22	22	25.0
ESP-2-5-20-14	17P-1.0	17P-1.0	22	22	22	25.0



UWF-DRE Standard Straight 30°
Straight Adapter with Standard Nut 30°
 UWF-DRE

UWF/DRE

Part No. Part Number	Big End / Große Seite		Small End / Kleinspannung (mm)			
	T1	T2	L1	L2	r	Profile
5276-2-05-01	40x60 mm	40x60 mm	20	17	14	Ø30
5276-2-05-02	40x60 mm	40x60 mm	20	19	15	Ø30
5276-2-05-03	40x60 mm	40x60 mm	20	20	15	Ø30
5276-2-05-04	40x60 mm	40x60 mm	20	19	15	Ø30
5276-2-05-05	40x60 mm	40x60 mm	20	20	15	Ø30
5276-2-05-06	40x60 mm	40x60 mm	20	20	15	Ø30
5276-2-10-01	40x60 mm	40x60 mm	20	21	15	Ø30
5276-2-10-02	40x60 mm	40x60 mm	20	21	15	Ø30

5276-2-05-01 / 5276-2-05-02



5700 Series of 5700 Series

CONRAD MP

Mod No Part Number	Qty Required Each		Mount Qty (Each/Line) Indication (mm)			
	T1	T2	L1	L2	L3	Mount
5700-01	10000-01	10000-01	01	25	01	100
5700-02	10000-01	10000-01	01	05	01	100
5700-03	10000-01	10000-01	01	05	01	100
5700-04	PL-01	PL-01	01	05	01	100
5700-05	10000-01	10000-01	01	01	01	100
5700-06	10000-01	10000-01	01	01	01	100
5700-07	10000-01	10000-01	01	01	01	100



Winkel
Ring

TIP L/S

	Part No.		Inner Diameter (mm)	
	Part number	Part number	with seal (mm)	without seal (mm)
L	1980-L-01	01	100	100
	1980-L-01	01	100	100
	1980-L-100	100	100	100
	1980-L-100	100	100	100
	1980-L-100	100	100	100
	1980-L-100	100	100	100
	1980-L-200	200	100	100
	1980-L-200	200	100	100
	1980-L-200	200	100	100
	1980-L-200	200	100	100
R	1980-R-01	01	100	100
	1980-R-01	01	100	100
	1980-R-100	100	100	100
	1980-R-100	100	100	100
	1980-R-100	100	100	100
	1980-R-200	200	100	100
	1980-R-200	200	100	100
	1980-R-200	200	100	100
	1980-R-200	200	100	100
	1980-R-200	200	100	100

1980-L-01, 1980-L-100, 1980-L-200, 1980-R-01, 1980-R-100, 1980-R-200



590-L JS Series / 590-L JS Series

Model 3/8" TIP L JS

Part No.	Part Number	Log Spiral Flavor	Major Diameter (mm)			Pitch
			W/O	L	+	
L	590-L-01	WH/WH	62	15	12	100
	590-L-02	WH/73	62	15	17	100
	590-L-03	WH/73	62	15	15	100
	590-L-04	WH/73	62	15	21	100
	590-L-05	WH/73	62	15	27	100
	590-L-06	WH/73	62	15	33	100
	590-L-07	WH/73	62	20	15	100
	590-L-08	WH/73	62	20	21	100
	590-L-09	WH/73	62	20	27	100
R	590-R-01	WH/73	62	15	17	100
	590-R-02	WH/73	62	17	15	100
	590-R-03	WH/73	62	17	21	100
	590-R-04	WH/73	62	15	21	100
	590-R-05	WH/73	62	17	27	100
	590-R-06	WH/73	62	20	15	100
	590-R-07	WH/73	62	20	21	100
	590-R-08	WH/73	62	20	27	100
	590-R-09	WH/73	62	25	15	100



Metriske Dimensionen

WSP – LSP – MSP (siehe Seite 10)

WSP-Dimensionen			LSP-Dimensionen			MSP / LSP / Metrisch		
Ang. Ø (mm)	Spannweite (mm)	Stärke (mm)	Ang. Ø (mm)	Spannweite (mm)	Stärke (mm)	Ang. Ø (mm)	Spannweite (mm)	Stärke (mm)
T	L1	L2	T	L1	L2	T	L1	L2
WSP-20	5	10	LSP-20	5,5	11	MSP-20	5	11
WSP-25	6,5	13	LSP-25	7	14	MSP-25	6	14
WSP-30	7	16	LSP-30	8,5	17	MSP-30	8	17
LSP-30	7	17	WSP-30	7	16	MSP-30	8	16
WSP-35	8	19	LSP-35	9	19	MSP-35	9	19
LSP-35	8	18	WSP-35	8	17	MSP-35	9	17
WSP-40	10	21	LSP-40	10	21	MSP-40	10	21
LSP-40	10	20	WSP-40	10	20	MSP-40	10	20
WSP-45	10	23	LSP-45	10	23	MSP-45	10	23
LSP-45	10	22	WSP-45	10	22	MSP-45	10	22
WSP-50	10	25	LSP-50	10,5	25	MSP-50	10	25
						MSP-50	10	24
						MSP-50	10	25
						MSP-50	10	26

Ang. Ø (mm) LSP / MSP




5/16"-L/8" Serial 7095-L/S Series

Metric 3/4" TIP L/S

	Serial No. Part Number	Tap Diameter (mm)	Tap Length (mm)			Tap Dia.
	Series	Series	L	L (mm)		
E	7095-L/8	8	8	28	8x18	800
	7095-L/8	8	8	28	8x18	800
	7095-L/10	10	10	30	10x18	800
	7095-L/12	12	12	32	12x18	800
	7095-L/15	15	15	35	15x18	800
	7095-L/18	18	18	38	18x18	800
	7095-L/20	20	20	40	20x18	800
	7095-L/25	25	25	45	25x18	800
	7095-L/30	30	30	50	30x18	800
	7095-L/35	35	35	55	35x18	800
E	7095-L/40	40	40	60	40x18	800
	7095-L/50	50	50	70	50x18	800
	7095-L/60	60	60	80	60x18	800
	7095-L/70	70	70	90	70x18	800
	7095-L/80	80	80	100	80x18	800
	7095-L/90	90	90	110	90x18	800
	7095-L/100	100	100	120	100x18	800
	7095-L/110	110	110	130	110x18	800





5. Ringel-Kapitel-Einheiten

Mounting Program für Sinter

Metall 24° TYP L/S

Metall	Ring-Abmessungen		Ring-Abmessungen (mm)					
	inn. Ø	Ø	Ø ₁	L	Ø ₂	Ø ₃	Ø ₄	
L	1000-10-10	10	10-10x10	10	10	10	10	10
	1000-10-15	10	10-10x15	10	10	10	10	10
	1000-10-20	10	10-10x20	10	10	10	10	10
	1000-10-25	10	10-10x25	10	10	10	10	10
	1000-10-30	10	10-10x30	10	10	10	10	10
	1000-10-35	10	10-10x35	10	10	10	10	10
	1000-10-40	10	10-10x40	10	10	10	10	10
	1000-10-50	10	10-10x50	10	10	10	10	10
H	1000-10-10	10	10-10x10	10	10	10	10	10
	1000-10-15	10	10-10x15	10	10	10	10	10
	1000-10-20	10	10-10x20	10	10	10	10	10
	1000-10-25	10	10-10x25	10	10	10	10	10
	1000-10-30	10	10-10x30	10	10	10	10	10
	1000-10-35	10	10-10x35	10	10	10	10	10
	1000-10-40	10	10-10x40	10	10	10	10	10
	1000-10-50	10	10-10x50	10	10	10	10	10

2000-L/S Standard / 2000-L/S Standard



400 Series / 400 Series

ESP

Part No. Part Number	Key Height H _{key}	Key Width (mm)	
		1	2
400-2	6.35 ± 0.05	12.7	19.0
400-3	6.35 ± 0.05	15.88	22.23
400-4	6.35 ± 0.05	19.05	25.40
400-5	6.35 ± 0.05	22.23	28.57
400-6	6.35 ± 0.05	25.40	31.74
400-7	6.35 ± 0.05	28.57	34.91
400-8	6.35 ± 0.05	31.74	38.08
400-9	6.35 ± 0.05	34.91	41.25
400-10	6.35 ± 0.05	38.08	44.42
400-11	6.35 ± 0.05	41.25	47.59
400-12	6.35 ± 0.05	44.42	50.76
400-13	6.35 ± 0.05	47.59	53.93
400-14	6.35 ± 0.05	50.76	57.10
400-15	6.35 ± 0.05	53.93	60.27
400-16	6.35 ± 0.05	57.10	63.44
400-17	6.35 ± 0.05	60.27	66.61
400-18	6.35 ± 0.05	63.44	69.78
400-19	6.35 ± 0.05	66.61	72.95
400-20	6.35 ± 0.05	69.78	76.12
400-21	6.35 ± 0.05	72.95	79.29
400-22	6.35 ± 0.05	76.12	82.46
400-23	6.35 ± 0.05	79.29	85.63
400-24	6.35 ± 0.05	82.46	88.80
400-25	6.35 ± 0.05	85.63	91.97
400-26	6.35 ± 0.05	88.80	95.14
400-27	6.35 ± 0.05	91.97	98.31
400-28	6.35 ± 0.05	95.14	101.48
400-29	6.35 ± 0.05	98.31	104.65
400-30	6.35 ± 0.05	101.48	107.82
400-31	6.35 ± 0.05	104.65	110.99
400-32	6.35 ± 0.05	107.82	114.16
400-33	6.35 ± 0.05	110.99	117.33
400-34	6.35 ± 0.05	114.16	120.50
400-35	6.35 ± 0.05	117.33	123.67
400-36	6.35 ± 0.05	120.50	126.84
400-37	6.35 ± 0.05	123.67	130.01
400-38	6.35 ± 0.05	126.84	133.18
400-39	6.35 ± 0.05	130.01	136.35
400-40	6.35 ± 0.05	133.18	139.52
400-41	6.35 ± 0.05	136.35	142.69
400-42	6.35 ± 0.05	139.52	145.86
400-43	6.35 ± 0.05	142.69	149.03
400-44	6.35 ± 0.05	145.86	152.20
400-45	6.35 ± 0.05	149.03	155.37
400-46	6.35 ± 0.05	152.20	158.54
400-47	6.35 ± 0.05	155.37	161.71
400-48	6.35 ± 0.05	158.54	164.88
400-49	6.35 ± 0.05	161.71	168.05
400-50	6.35 ± 0.05	164.88	171.22
400-51	6.35 ± 0.05	168.05	174.39
400-52	6.35 ± 0.05	171.22	177.56
400-53	6.35 ± 0.05	174.39	180.73
400-54	6.35 ± 0.05	177.56	183.90
400-55	6.35 ± 0.05	180.73	187.07
400-56	6.35 ± 0.05	183.90	190.24
400-57	6.35 ± 0.05	187.07	193.41
400-58	6.35 ± 0.05	190.24	196.58
400-59	6.35 ± 0.05	193.41	199.75
400-60	6.35 ± 0.05	196.58	202.92
400-61	6.35 ± 0.05	199.75	206.09
400-62	6.35 ± 0.05	202.92	209.26
400-63	6.35 ± 0.05	206.09	212.43
400-64	6.35 ± 0.05	209.26	215.60
400-65	6.35 ± 0.05	212.43	218.77
400-66	6.35 ± 0.05	215.60	221.94
400-67	6.35 ± 0.05	218.77	225.11
400-68	6.35 ± 0.05	221.94	228.28
400-69	6.35 ± 0.05	225.11	231.45
400-70	6.35 ± 0.05	228.28	234.62
400-71	6.35 ± 0.05	231.45	237.79
400-72	6.35 ± 0.05	234.62	240.96
400-73	6.35 ± 0.05	237.79	244.13
400-74	6.35 ± 0.05	240.96	247.30
400-75	6.35 ± 0.05	244.13	250.47
400-76	6.35 ± 0.05	247.30	253.64
400-77	6.35 ± 0.05	250.47	256.81
400-78	6.35 ± 0.05	253.64	259.98
400-79	6.35 ± 0.05	256.81	263.15
400-80	6.35 ± 0.05	259.98	266.32
400-81	6.35 ± 0.05	263.15	269.49
400-82	6.35 ± 0.05	266.32	272.66
400-83	6.35 ± 0.05	269.49	275.83
400-84	6.35 ± 0.05	272.66	279.00
400-85	6.35 ± 0.05	275.83	282.17
400-86	6.35 ± 0.05	279.00	285.34
400-87	6.35 ± 0.05	282.17	288.51
400-88	6.35 ± 0.05	285.34	291.68
400-89	6.35 ± 0.05	288.51	294.85
400-90	6.35 ± 0.05	291.68	298.02
400-91	6.35 ± 0.05	294.85	301.19
400-92	6.35 ± 0.05	298.02	304.36
400-93	6.35 ± 0.05	301.19	307.53
400-94	6.35 ± 0.05	304.36	310.70
400-95	6.35 ± 0.05	307.53	313.87
400-96	6.35 ± 0.05	310.70	317.04
400-97	6.35 ± 0.05	313.87	320.21
400-98	6.35 ± 0.05	317.04	323.38
400-99	6.35 ± 0.05	320.21	326.55



Topflur

adaptor - 1000

Material

Aluminium alloy

HDSB

HDSB Part Number	Top Flange Height	HDSB Depth (mm) HDSB Installation (mm)			
		HDSB H	HDSB L1	HDSB L2	HDSB L3
HDSB-23	100.00	100	13	8	16
HDSB-24	102.00	102	13	13	8
HDSB-25	104.00	104	13	13	8
HDSB-26	102.00	102	16	14	10
HDSB-100	100.00	100	24	16	10
HDSB-101	110.00	110	27	16	10
HDSB-200	100.00	100	27	16	20
HDSB-201	100.00	100	27	16	24

HDSB Top Flange / HDSB Top Flange



6002 Standard / 6002 Standard

6002/6002

Material Performance	Top Plate Profile	Superfibrations (mm)	
		a (mm)	b
6002-0000-0000-0000	6002-0000-0000-0000	0	0
6002-0000-0000-0000	6002-0000-0000-0000	0	0
6002-0000-0000-0000	6002-0000-0000-0000	0	0
6002-0000-0000-0000	6002-0000-0000-0000	0	0
6002-0000-0000-0000	6002-0000-0000-0000	0	0
6002-0000-0000-0000	6002-0000-0000-0000	0	0
6002-0000-0000-0000	6002-0000-0000-0000	0	0
6002-0000-0000-0000	6002-0000-0000-0000	0	0
6002-0000-0000-0000	6002-0000-0000-0000	0	0

Material Performance	Top Plate Profile	Superfibrations (mm)	
		a (mm)	b
6002-0000-0000-0000	6002-0000-0000-0000	0	0
6002-0000-0000-0000	6002-0000-0000-0000	0	0
6002-0000-0000-0000	6002-0000-0000-0000	0	0
6002-0000-0000-0000	6002-0000-0000-0000	0	0
6002-0000-0000-0000	6002-0000-0000-0000	0	0
6002-0000-0000-0000	6002-0000-0000-0000	0	0
6002-0000-0000-0000	6002-0000-0000-0000	0	0
6002-0000-0000-0000	6002-0000-0000-0000	0	0
6002-0000-0000-0000	6002-0000-0000-0000	0	0



WSP-UMPS Term Adapter

Adapter - WSP/UMPS

WSP-UMPS Adapter - Terminals
www.hochleistung.de

WSP

WSP No. Part Number	Qty. (Signal) Pins	Signal Qty./Size (mm) Submounts (mm)		
		# of	L x W	H
WSP-01	WSP01.0	18	17	8
WSP-02	WSP02.0	22	17	8
WSP-03	WSP03.0	24	17	8
WSP-04	WSP04.0	26	18	10
WSP-05	WSP05.0	27	18	10





HOCHLEISTUNG / PART 2 / SECTION 0000

6004 Adapter / 6004 Adapter

DRFS

Part Number	Top Plate Thread	Adapter Dimensions (Dimensions in mm)	
		L	H
6004-06	M6x0.75	17	17
6004-08	M8x1.0	18	18
6004-10	M10x1.25	19	19
6004-12	M12x1.5	20	20
6004-16	M16x1.5	23	23
6004-20	M20x1.5	26	26
6004-25	M25x1.5	30	30
6004-30	M30x1.5	33	33



Topplate


Adapter - 10000


MOORE UNIVERSAL-Top

MOORE-Top

DRFS

MOORE Part number	MOORE Name	MOORE Dimensions (mm)
MOORE-10	10-100	10
MOORE-15	100-150	20
MOORE-20	150-200	30
MOORE-25	200-250	40
MOORE-30	250-300	50
MOORE-35	300-350	60
MOORE-40	350-400	70







MOORE UNIVERSAL-Top

Bitte beachten Sie die Abstände
zum Nachbarkomponente!

6006 Serie mit / 6006 Serie mit

BCP

Teil-Nr. Part Number	Beschreibung Description	Maße (Nennwert) Dimensions (Nominal)	
		L	H
3000000000	3000000000	3000000000	3000000000
3000000000	3000000000	3000000000	3000000000
3000000000	3000000000	3000000000	3000000000
3000000000	3000000000	3000000000	3000000000
3000000000	3000000000	3000000000	3000000000
3000000000	3000000000	3000000000	3000000000
3000000000	3000000000	3000000000	3000000000


Together

As a partner

MOORE UTILITY PARTS
 1-800-4-A-MOORE

MOORE PART NUMBER	MOORE PART NAME	MOORE PARTS (MOORE PART NUMBER)	
		QTY	PRICE
MOORE-001	MOORE-001	100	100
MOORE-002	MOORE-002	200	200
MOORE-003	MOORE-003	100	100
MOORE-004	MOORE-004	100	100
MOORE-005	MOORE-005	100	100
MOORE-006	MOORE-006	100	100
MOORE-007	MOORE-007	200	200
MOORE-008	MOORE-008	200	200
MOORE-009	MOORE-009	200	200
MOORE-010	MOORE-010	200	200
MOORE-011	MOORE-011	200	200
MOORE-012	MOORE-012	200	200
MOORE-013	MOORE-013	200	200





MOORE UTILITY PARTS

6008 Series of 6008 Series

UNF

Part No. <i>(Part Number)</i>	Key Symbol <i>(Symbol)</i>	Basic Dimensions (mm)	
		L	H
6008-08	08UNF-2.0	12	16
6008-10	10UNF-2.0	17	18
6008-12	12UNF-2.0	18	19
6008-16	16UNF-2.0	24	22
6008-20	20UNF-2.0	27	24
6008-24	24UNF-2.0	30	27
6008-30	30UNF-2.0	37	34
6008-36	36UNF-2.0	45	42



Range

ESP - Electric Series

ESP

Part No. Part Number	Qty. Drywall Thickness	Depth (Drywall/Board) Installation (mm)		
		1	2	3
ESP-01	50.80-50	18	18	220
ESP-02	50.80-50	20	18	220
ESP-03	50.80-50	20	20	220
ESP-04	50.80-50	22	20	220
ESP-05	50.80-50	22	22	220
ESP-06	50.80-50	24	22	220
ESP-07	50.80-50	24	24	220
ESP-08	50.80-50	26	24	220
ESP-09	50.80-50	26	26	220
ESP-10	50.80-50	28	26	220

ESP Series 1/2" (12.7mm)



ESP-Metric

6.11 Serial 7 6.11 Serial 6

No. No. Part Number	No. Serial The set	Kerusil Dikawat (mm)		
		D. D1	L. L1	W. P1/2
6.11.21	6.11.21-01	15	15	120
6.11.22	6.11.22-01	20	15	120
6.11.23	6.11.23-01	25	17	120
6.11.24	6.11.24-01	30	19	120
6.11.25	6.11.25-01	35	20	120
6.11.26	6.11.26	40	20	120
6.11.27	6.11.27-01	45	20	120
6.11.28	6.11.28-01	50	21	120
6.11.29	6.11.29	55	21	120



Kapriblitz Mangrum Matrix

Matrix: 1000/1000

DSP/Matrix


Kode dan Part Number	Bentuk/Spindel Thread	Bentuk Spindel (mm) (Diameter/Lebar/Lebar)		
		ØD1	L1	ØD2
8102-01	1000x10	10	10	100
8102-02	1000x10	20	10	100
8102-03	1000x10	20	10	100
8102-04	1000x10	10	10	100
8102-05	1000x10	10	10	100
8102-06	1000x10	20	10	100
8102-07	1000x10	10	20	100

8102 Series / 1000 Series

6.023 Standard / 6.023 Spesifikasi

BSP 30P

Kod No Part Number	Bahagian Nama	Kuantiti (Unit) (mm)	
		1	2
10000	10000	1	1
10000	10000	1	1
10000	10000	1	1
10000	10000	1	1
10000	10000	1	1
10000	10000	1	1
10000	10000	1	1
10000	10000	1	1
10000	10000	1	1





Spesifikasi Teknik Tipe KSP-30T

		KSP-30T	
Kode Tipe Frame Number	No. Model Model	Rasio (Dipilih) (mm)	
		1.1	1.2
KSP-30	41000-000	1000/1000	1000/1000
KSP-30	41000-100	1000/1000	1000/1000
KSP-30	41000-200	1000/1000	1000/1000
KSP-30	41000-300	1000/1000	1000/1000
KSP-30	41000-400	1000/1000	1000/1000
KSP-30	41000-500	1000/1000	1000/1000
KSP-30	41000-600	1000/1000	1000/1000
KSP-30	41000-700	1000/1000	1000/1000
KSP-30	41000-800	1000/1000	1000/1000
KSP-30	41000-900	1000/1000	1000/1000





4024 Series / 4024 Series

6226 Series of 6226 Series

NPT

Part Number	Key Symbol Notes	Mounting Dimensions (mm)	
		A	B
6226-21	1/2" NPT-1/2"	56	52
6226-22	1/2" NPT-3/8"	57	54
6226-23	1/2" NPT-1/2"	59	55
6226-24	1/2" NPT-3/8"	57	53
6226-25	1/2" NPT-1/2"	59	57
6226-26	1/2" NPT-1"	66	58
6226-28	1/2" NPT-1/2"	57	48
6226-29	1/2" NPT-1/2"	59	50



Big Shot Washers
Standard-Line Models



30" Standard-Line Washers		
Model	Capacity Dry Weight (Lbs)	Capacity Wet Weight (Lbs)
3000	16	32
3010	16	32
3020	16	32
3030	16	32
3040	16	32
3050	16	32
3060	16	32
3070	16	32
3080	16	32
3090	16	32
3100	16	32
3110	16	32
3120	16	32
3130	16	32
3140	16	32
3150	16	32
3160	16	32
3170	16	32
3180	16	32
3190	16	32
3200	16	32
3210	16	32
3220	16	32
3230	16	32
3240	16	32
3250	16	32
3260	16	32
3270	16	32
3280	16	32
3290	16	32
3300	16	32
3310	16	32
3320	16	32
3330	16	32
3340	16	32
3350	16	32
3360	16	32
3370	16	32
3380	16	32
3390	16	32
3400	16	32
3410	16	32
3420	16	32
3430	16	32
3440	16	32
3450	16	32
3460	16	32
3470	16	32
3480	16	32
3490	16	32
3500	16	32
3510	16	32
3520	16	32
3530	16	32
3540	16	32
3550	16	32
3560	16	32
3570	16	32
3580	16	32
3590	16	32
3600	16	32
3610	16	32
3620	16	32
3630	16	32
3640	16	32
3650	16	32
3660	16	32
3670	16	32
3680	16	32
3690	16	32
3700	16	32
3710	16	32
3720	16	32
3730	16	32
3740	16	32
3750	16	32
3760	16	32
3770	16	32
3780	16	32
3790	16	32
3800	16	32
3810	16	32
3820	16	32
3830	16	32
3840	16	32
3850	16	32
3860	16	32
3870	16	32
3880	16	32
3890	16	32
3900	16	32
3910	16	32
3920	16	32
3930	16	32
3940	16	32
3950	16	32
3960	16	32
3970	16	32
3980	16	32
3990	16	32

48" Standard-Line Washers		
Model	Capacity Dry Weight (Lbs)	Capacity Wet Weight (Lbs)
4800	32	64
4810	32	64
4820	32	64
4830	32	64
4840	32	64
4850	32	64
4860	32	64
4870	32	64
4880	32	64
4890	32	64
4900	32	64
4910	32	64
4920	32	64
4930	32	64
4940	32	64
4950	32	64
4960	32	64
4970	32	64
4980	32	64
4990	32	64
5000	32	64
5010	32	64
5020	32	64
5030	32	64
5040	32	64
5050	32	64
5060	32	64
5070	32	64
5080	32	64
5090	32	64
5100	32	64
5110	32	64
5120	32	64
5130	32	64
5140	32	64
5150	32	64
5160	32	64
5170	32	64
5180	32	64
5190	32	64
5200	32	64
5210	32	64
5220	32	64
5230	32	64
5240	32	64
5250	32	64
5260	32	64
5270	32	64
5280	32	64
5290	32	64
5300	32	64
5310	32	64
5320	32	64
5330	32	64
5340	32	64
5350	32	64
5360	32	64
5370	32	64
5380	32	64
5390	32	64
5400	32	64
5410	32	64
5420	32	64
5430	32	64
5440	32	64
5450	32	64
5460	32	64
5470	32	64
5480	32	64
5490	32	64
5500	32	64
5510	32	64
5520	32	64
5530	32	64
5540	32	64
5550	32	64
5560	32	64
5570	32	64
5580	32	64
5590	32	64
5600	32	64
5610	32	64
5620	32	64
5630	32	64
5640	32	64
5650	32	64
5660	32	64
5670	32	64
5680	32	64
5690	32	64
5700	32	64
5710	32	64
5720	32	64
5730	32	64
5740	32	64
5750	32	64
5760	32	64
5770	32	64
5780	32	64
5790	32	64
5800	32	64
5810	32	64
5820	32	64
5830	32	64
5840	32	64
5850	32	64
5860	32	64
5870	32	64
5880	32	64
5890	32	64
5900	32	64
5910	32	64
5920	32	64
5930	32	64
5940	32	64
5950	32	64
5960	32	64
5970	32	64
5980	32	64
5990	32	64

60" Standard-Line Washers		
Model	Capacity Dry Weight (Lbs)	Capacity Wet Weight (Lbs)
6000	48	96
6010	48	96
6020	48	96
6030	48	96
6040	48	96
6050	48	96
6060	48	96
6070	48	96
6080	48	96
6090	48	96
6100	48	96
6110	48	96
6120	48	96
6130	48	96
6140	48	96
6150	48	96
6160	48	96
6170	48	96
6180	48	96
6190	48	96
6200	48	96
6210	48	96
6220	48	96
6230	48	96
6240	48	96
6250	48	96
6260	48	96
6270	48	96
6280	48	96
6290	48	96
6300	48	96
6310	48	96
6320	48	96
6330	48	96
6340	48	96
6350	48	96
6360	48	96
6370	48	96
6380	48	96
6390	48	96
6400	48	96
6410	48	96
6420	48	96
6430	48	96
6440	48	96
6450	48	96
6460	48	96
6470	48	96
6480	48	96
6490	48	96
6500	48	96
6510	48	96
6520	48	96
6530	48	96
6540	48	96
6550	48	96
6560	48	96
6570	48	96
6580	48	96
6590	48	96
6600	48	96
6610	48	96
6620	48	96
6630	48	96
6640	48	96
6650	48	96
6660	48	96
6670	48	96
6680	48	96
6690	48	96
6700	48	96
6710	48	96
6720	48	96
6730	48	96
6740	48	96
6750	48	96
6760	48	96
6770	48	96
6780	48	96
6790	48	96
6800	48	96
6810	48	96
6820	48	96
6830	48	96
6840	48	96
6850	48	96
6860	48	96
6870	48	96
6880	48	96
6890	48	96
6900	48	96
6910	48	96
6920	48	96
6930	48	96
6940	48	96
6950	48	96
6960	48	96
6970	48	96
6980	48	96
6990	48	96





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