



Sykes-Pickavant®

Workshop Solutions

PULLERS & SEPARATORS



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Sykes-Pickavant has been at the forefront of providing specialist Workshop Solutions for Industry, for more than 75 years, and this latest catalogue brings you up to date Pulling, Separating, and Extracting solutions for the 21st century workshop and the maintenance problems faced every day.

Sykes-Pickavant believes strongly in providing on-going support for both our products and our customers, therefore you will find in this catalogue comprehensive spare parts and applications information, and we always encourage and welcome our customers to contact us for further advice whenever necessary.

You can contact Sykes-Pickavant for Technical Help concerning any of the products in this catalogue :-

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Sykes-Pickavant encourages Safety In The Workplace, and has introduced this range of Safety Footwear for the benefit of our End-User customers : Safe yet Stylish for the modern Engineer – three styles to choose from :-

Safety Trainers

Oil & Heat Resistant Soles
Steel Toe Cap & Mid-Sole
Sizes: UK 7 - 12
SPW303-SIZE



Trekker Safety Workboots

Oil Resistant Soles
Steel Toe Cap & Mid-Sole
Anti-static
Sizes: UK 7 - 12
SPWF50-SIZE



Hiker Waterproof Safety Workboots

Oil & Heat Resistant Sole
Steel Toe Cap & Mid-Sole
Waterproof Leather Uppers
Sizes: UK 7 - 12
SPWF5P-SIZE





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Pullers Selection Information

Sykes-Pickavant designs and manufactures several different types of Pullers, Separators and Extractors.

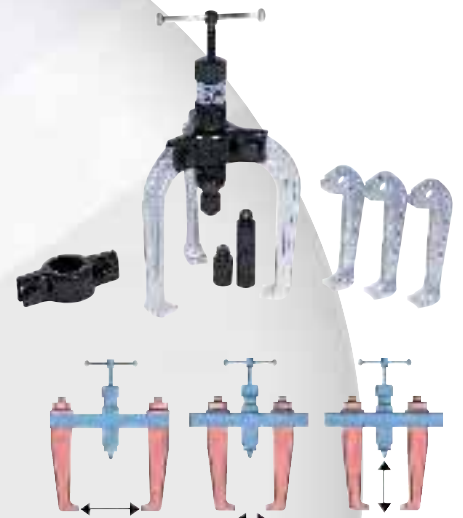
The information on this page, and the table on page 3, are designed to help you decide on the most suitable type, and size, for a particular application.

Gear and Bearing Pullers – Mechanical & Hydraulic



The table opposite provides a list of all the individual pullers available, by size. The first column gives the min / max spread available, the second column indicates the maximum reach available. The remaining columns indicate the individual puller reference, type, number of legs, and the catalogue page where further information can be found.

To select a puller, identify the spread requirement first, and then simply scan down the page to find the spread required, and read off the various options available.



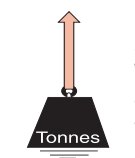
Separators & Extractors

Separators and Extractors are used, where there is limited access for conventional pullers

- Separators – where all round support is required, but there is insufficient space for standard puller legs
Generally used in conjunction with standard pullers, of either mechanical or hydraulic type
- Slide Hammer Extractors – where there is no shaft, making a conventional puller unsuitable
Both 'split collet' and 'extractor leg' design styles ideal for small bearings, seals, ball races etc
- Blind Housing Removers – enable bearings to be removed without dismantling machinery, or removing the running shaft
For applications where the bearing is enclosed but the running shaft prevents an extractor being used



All Sykes-Pickavant Pullers are made to very high quality specifications, but care should always be taken to ensure they are used according to the Safety Guidelines provided with each puller, and in accordance with best workshop practices



Sykes-Pickavant recommends the use of 3 leg pullers wherever practical, for better load distribution, and for safety. When selecting an individual mechanical puller, the force screw diameter should be at least half the size of the shaft of the item to be removed, in order to generate sufficient force. Hydraulic Pullers allow maximum force to be applied with minimum effort.



QUICK REFERENCE TABLE

Spread	Reach	Puller Ref.	Force	Style	Page
19-45MM	73MM	08215000	MECHANICAL	3 LEG	21
0-55MM	115MM	09300000	MECHANICAL	SEPARATOR	10
0-60MM	50MM	08230000	MECHANICAL	2/3LEG	21
0-66MM	75MM	08545000	MECHANICAL	2/3LEG	18
0-75MM	75MM	08600000	MECHANICAL	2 LEG	8
0-75MM	75MM	08601000	MECHANICAL	3 LEG	8
0-75MM	125MM	08602000	MECHANICAL	2 LEG	8
0-75MM	125MM	08603000	MECHANICAL	3 LEG	8
0-75MM	125MM	08600300	MECHANICAL	2/3LEG	8
0-75MM	75MM	08540000	MECHANICAL	2/3LEG	18
0-80MM	90MM	10031000	MECHANICAL	3 LEG	21
20-95MM	125MM	09800000	MECHANICAL	BLIND HOUSE	17
0-100MM	75MM	66036000	MECHANICAL	2/3LEG	4
0-100MM	75MM	66039000	MECHANICAL	2 LEG	4
50-100MM	100MM	15240000	HYDRAULIC	2 LEG	6
50-100MM	100MM	15340000	HYDRAULIC	3 LEG	6
50-100MM	100MM	15340500	HYDRAULIC	2/3LEG	6
20-105MM	876MM	09310000	MECHANICAL	SEPARATOR	10
20-105MM	876MM	19310000	HYDRAULIC	SEPARATOR	10
20-117MM	415MM	09810000	MECHANICAL	BLIND HOUSE	17
0-120MM	80MM	10011000	MECHANICAL	2/3LEG	20
0-140MM	150MM	10041000	MECHANICAL	2/3LEG	21
35-140MM	860MM	09320000	MECHANICAL	SEPARATOR	10
35-140MM	860MM	19320000	HYDRAULIC	SEPARATOR	10
0-150MM	80MM	08300000	MECHANICAL	2 LEG	4
0-150MM	80MM	08270000	MECHANICAL	3 LEG	4
0-150MM	80MM	08270500	MECHANICAL	2/3LEG	4
0-150MM	150MM	08610000	MECHANICAL	2 LEG	8
0-150MM	225MM	08630000	MECHANICAL	2 LEG	8
0-150MM	150MM	08640000	MECHANICAL	3 LEG	8
0-150MM	225MM	08650000	MECHANICAL	2/3LEG	8
0-150MM	150MM	18610000	HYDRAULIC	2 LEG	8
0-150MM	225MM	18630000	HYDRAULIC	2 LEG	8
0-150MM	150MM	18640000	HYDRAULIC	3 LEG	8
0-150MM	225MM	18650000	HYDRAULIC	3 LEG	8
0-150MM	150MM	10032000	MECHANICAL	3 LEG	21
50-150MM	150MM	15500300	HYDRAULIC	2/3LEG	6
56-210MM	490MM	09820000	MECHANICAL	BLIND HOUSE	17
75-150MM	150MM	15260000	HYDRAULIC	2 LEG	6
75-150MM	150MM	15360000	HYDRAULIC	3 LEG	6
75-150MM	250MM	15270000	HYDRAULIC	2 LEG	6
75-150MM	250MM	15370000	HYDRAULIC	3 LEG	6
50-175MM	760MM	09330000	MECHANICAL	SEPARATOR	10
0-180MM	120MM	10012000	MECHANICAL	2/3LEG	20
0-200MM	140MM	08310000	MECHANICAL	2 LEG	4
0-200MM	140MM	08280000	MECHANICAL	3 LEG	4
0-200MM	140MM	08280500	MECHANICAL	2/3LEG	4
0-200MM	140MM	08490300	MECHANICAL	2/3LEG	4
0-200MM	200MM	10033000	MECHANICAL	3 LEG	21
100-200MM	200MM	15280000	HYDRAULIC	2 LEG	6
100-200MM	200MM	15380000	HYDRAULIC	3 LEG	6
0-225MM	225MM	08620000	MECHANICAL	2 LEG	8
0-225MM	225MM	18620000	HYDRAULIC	2 LEG	8
130-250MM	250MM	15290000	HYDRAULIC	2 LEG	6
130-250MM	250MM	15390000	HYDRAULIC	3 LEG	6
0-270MM	160MM	10013000	MECHANICAL	2/3LEG	20
0-300MM	250MM	08320000	MECHANICAL	2 LEG	4
0-300MM	250MM	08290000	MECHANICAL	3 LEG	4
0-300MM	210MM	10014000	MECHANICAL	2/3LEG	20
0-350MM	380MM	08330000	MECHANICAL	2 LEG	4
0-350MM	380MM	08340000	MECHANICAL	3 LEG	4
0-380MM	250MM	10015000	MECHANICAL	2/3LEG	20



Mechanical Gear Pullers

For the quick and safe removal of gears, races, bearings, pulleys, sprockets etc. Essential service tools for all classes of industrial and automotive maintenance work.

Pressure on the force screw automatically increases the grip of the legs.

The legs on the 6"/150mm and 8"/200mm pullers are double-ended enabling them to be reversed, with wide and narrow feet for limited access applications, whilst on the larger pullers, the legs can be adjusted to vary the length of reach.

Forged steel legs, heat treated for additional strength and durability



08330000

800 Series - Two Leg Mechanical Pullers

Reference	Spread		Reach		Screw mm	Type of Leg
	ins	mm	ins	mm		
08330000	6	150	3.1/4	80	12 x 150	Double-ended
08310000	8	200	5.1/2	140	16 x 235	Double-ended
08320000	12	300	10	250	24 x 300	Adj. 2 position
08330000	14	350	15	380	24 x 300	Adj. 3 position



08310000

800 Series - Three Leg Mechanical Pullers

Reference	Spread		Reach		Screw mm	Type of Leg
	ins	mm	ins	mm		
08270000	6	150	3.1/4	80	12 x 150	Double-ended
08280000	8	200	5.1/2	140	16 x 235	Double-ended
08290000	12	300	10	250	24 x 300	Adj. 2 position
08340000	14	350	15	380	24 x 300	Adj. 3 position



08340000

800 Series - Combination Two / Three Way Pullers

Reference	Spread		Reach		Screw mm	Type of Leg
	ins	mm	ins	mm		
08230000	2.1/2	60	2	50		Adj. 2 position
08270500	6	150	3.1/4	80	12 x 150	Double-ended
08280500	8	200	5.1/2	140	16 x 235	Double-ended
08490300	6/8	150/200	3/5	80/140	150 / 235	Double-ended

Note : refs 08270500 / 08280500 / 08490300 are supplied in flat-pack cartons with foam inlays.

08230000



08280500



08270500

08490300



General Purpose Pullers

General purpose, economy pullers, for a wide variety of simple pulling tasks

Reference	Spread		Reach		Type of Puller mm
	ins	mm	ins	mm	
66036000	4	100	3	75	Two/Three Leg
66039000	4	100	3	75	Two Leg



66036000

For details of individual puller components, please refer to pages 24 - 25



Mechanical Gear Puller Set 08490000

supplied in steel case

- Contains component parts to make 4 separate 2 or 3 leg pullers, as per the table below:

Reference	Spread		Reach		Type	Leg style
	ins	mm	ins	mm		
08300000	6	150	3.1/4	80	2 leg puller	Double-ended
08270000	6	150	3.1/4	80	3 leg puller	Double-ended
08310000	8	200	5.1/2	140	2 leg puller	Double-ended
08280000	8	200	5.1/2	140	3 leg puller	Double-ended



Mechanical Gear Puller Set 08420000

supplied in steel case

- Contains component parts to make 8 separate 2 or 3 leg pullers, as per the table below:

Reference	Spread		Reach		Type	Leg style
	ins	mm	ins	mm		
08300000	6	150	3.1/4	80	2 leg puller	Double-ended
08270000	6	150	3.1/4	80	3 leg puller	Double-ended
08310000	8	200	5.1/2	140	2 leg puller	Double-ended
08280000	8	200	5.1/2	140	3 leg puller	Double-ended
08320000	12	300	10	250	2 leg puller	Adj. 2 position
08290000	12	300	10	250	3 leg puller	Adj. 2 position
08330000	14	350	15	380	2 leg puller	Adj. 3 position
08340000	14	350	15	380	3 leg puller	Adj. 3 position



Mechanical Gear Puller & Separator Set 08490600

supplied in steel case

Contains component parts to make 4 separate 2 or 3 leg pullers, and 2 bearing separators, as per the table below:

Reference	Spread		Reach		Type	Leg style
	ins	mm	ins	mm		
08300000	6	150	3.1/4	80	2 leg puller	Double-ended
08270000	6	150	3.1/4	80	3 leg puller	Double-ended
08310000	8	200	5.1/2	140	2 leg puller	Double-ended
08280000	8	200	5.1/2	140	3 leg puller	Double-ended
09500000	2.1/4	55			2 jaw separator	
09510000	4.1/4	105			2 jaw separator	



Mechanical Gear Puller & Separator Set 08420600

supplied in steel case

Contains component parts to make 8 separate 2 or 3 leg pullers, and 3 bearing separators, as per the table below:

Reference	Spread		Reach		Type	Leg style
	ins	mm	ins	mm		
08300000	6	150	3.1/4	80	2 leg puller	Double-ended
08270000	6	150	3.1/4	80	3 leg puller	Double-ended
08310000	8	200	5.1/2	140	2 leg puller	Double-ended
08280000	8	200	5.1/2	140	3 leg puller	Double-ended
08320000	12	300	10	250	2 leg puller	Adj. 2 position
08290000	12	300	10	250	3 leg puller	Adj. 2 position
08330000	14	350	15	380	2 leg puller	Adj. 3 position
08340000	14	350	15	380	3 leg puller	Adj. 3 position
09500000	2.1/4	55			2 jaw separator	
09510000	4.1/4	105			2 jaw separator	
09520000	5.1/2	140			2 jaw separator	



For details of individual puller components, please refer to pages 24 - 25



Hydraulic Gear & Bearing Pullers

The **SP 1500 Series** Puller System

A Puller System which can be built up from individual components, or bought in kit form, or bought as single pullers which can be added to later.

The system revolves around the renowned **SP 1500 Series** Hydraulic Ram.

A grease filled ram, where pressure is applied by turning the T-bar, which in turn creates forward thrust, which means there is no twisting or distortion when the pressure is applied.

The **SP 1500 Series** legs lock into the centre nut inside either the two or three-way puller head. As pressure is applied, the centre nut is pushed back into the puller head, forcing the legs to grip inwards. This makes positioning the puller a simple task, as the legs pull in automatically when the T-bar is turned, and even pressure is applied to all legs simultaneously.

The **SP 1500 Series** Hydraulic Ram can be used to power a wide variety of 2 or 3 leg pullers, bearing separators, hub pullers, and specialist Automotive pullers. All components are inter-changeable.



1500 Series – Two Leg Hydraulic Pullers

Reference	Spread		Reach		Ext Travel ins	Extension Ref.
	ins	mm	ins	mm		
15240000	2 – 4	50 - 100	4	100	2	15242200
15260000	3 – 6	75 - 150	6	150	4	15262400
15270000	3 – 6	75 - 150	10	250	6	15272600
15280000	4 – 8	100 - 200	8	200	6	15272600
15290000	5 – 10	130 - 250	10	250	6	15272600



1500 Series – Three Leg Hydraulic Pullers

Reference	Spread		Reach		Ext Travel ins	Extension Ref.
	ins	mm	ins	mm		
15340000	2 – 4	50 - 100	4	100	2	15242200
15360000	3 – 6	75 - 150	6	150	4	15262400
15370000	3 – 6	75 - 150	10	250	6	15272600
15380000	4 – 8	100 - 200	8	200	6	15272600
15390000	5 – 10	130 - 250	10	250	6	15272600



1500 Series – Combination Two/Three Way Pullers

Reference	Spread		Reach		Ext Travel ins	Leg
	ins	mm	ins	mm		
15340500	2 – 4	50 - 100	4	100	2	4" (100mm)
15500300	2 – 6	50 - 150	4/6	100/150	2 / 4	4" / 6" (100/150mm)

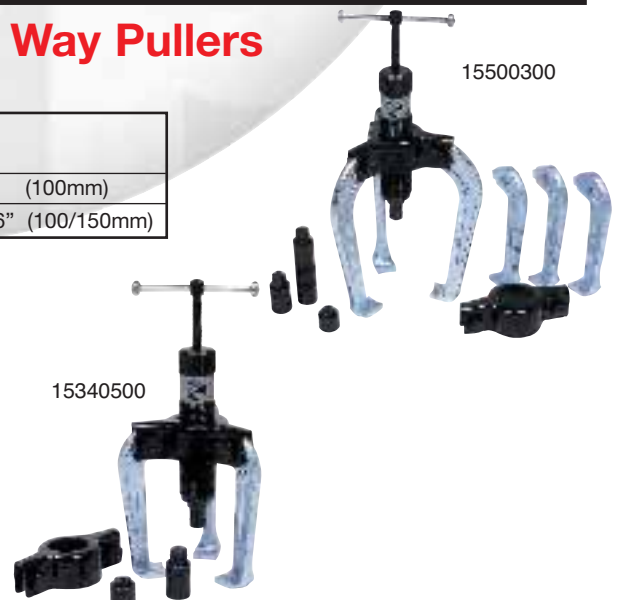
Note: refs 15340500 & 15500300 are packed in flat-pack cartons c/w foam inlays

Hydraulic Ram – 8 tonnes 15000000

Spare Parts for **SP 1500 Series** Hydraulic Ram:

15001200	T-bar and Screw
15002400	Replacement Seal Kit
15002700	Nose Piece
15241400	Centre Nut for Twin / Triple Head

15340500



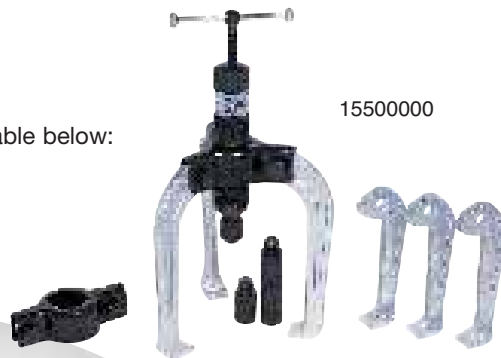
For details of individual puller components, please refer to pages 24 - 25



Hydraulic Puller Set 15500000 supplied in steel case

- Contains component parts to make 4 separate 2 or 3 leg pullers, as per the table below:

Reference	Spread		Reach		Ext Travel ins
	ins	mm	ins	mm	
15240000	2 - 4	50 - 100	4	100	2
15340000	2 - 4	50 - 100	4	100	2
15260000	3 - 6	75 - 150	6	150	4
15360000	3 - 6	75 - 150	6	150	4



Hydraulic Puller Set 15500800 supplied in steel case

- Contains component parts to make 6 different 2 or 3 leg pullers, as per the table below:

Reference	Spread		Reach		Ext Travel ins
	ins	mm	ins	mm	
15240000	2 - 4	50 - 100	4	100	2
15340000	2 - 4	50 - 100	4	100	2
15260000	3 - 6	75 - 150	6	150	4
15360000	3 - 6	75 - 150	6	150	4
15270000	3 - 6	75 - 150	10	250	4 + 2
15370000	3 - 6	75 - 150	10	250	4 + 2



Hydraulic Puller Set 15510000 supplied in steel case

- Contains component parts to make 10 different 2 or 3 leg pullers, as per the table below:

Reference	Spread		Reach		Ext Travel ins
	ins	mm	ins	mm	
15240000	2 - 4	50 - 100	4	100	2
15340000	2 - 4	50 - 100	4	100	2
15260000	3 - 6	75 - 150	6	150	4
15360000	3 - 6	75 - 150	6	150	4
15270000	3 - 6	75 - 150	10	250	4 + 2
15370000	3 - 6	75 - 150	10	250	4 + 2
15280000	4 - 8	100 - 200	8	200	6
15380000	4 - 8	100 - 200	8	200	6
15290000	5 - 10	130 - 250	10	250	6
15390000	5 - 10	130 - 250	10	250	6



Hydraulic Puller Set on Storage Panel 15510500 supplied on wall mounted storage panel

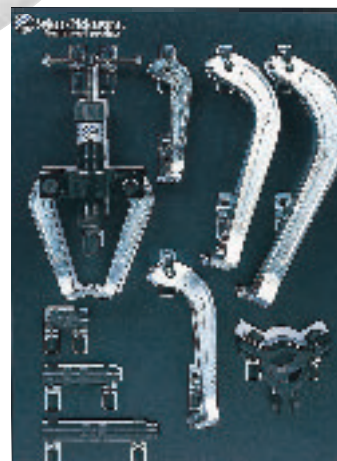
- Contains component parts to make 8 different 2 or 3 leg pullers, as per the table below:

Reference	Spread		Reach		Ext Travel ins
	ins	mm	ins	mm	
15240000	2 - 4	50 - 100	4	100	2
15340000	2 - 4	50 - 100	4	100	2
15260000	3 - 6	75 - 150	6	150	4
15360000	3 - 6	75 - 150	6	150	4
15280000	4 - 8	100 - 200	8	200	6
15380000	4 - 8	100 - 200	8	200	6
15290000	5 - 10	130 - 250	10	250	6
15390000	5 - 10	130 - 250	10	250	6

Spare Parts

15512500
Storage Panel c/w
Overlay for Kit 15510500

15512900 Hook Set
for Kit 15510500



For details of individual puller components, please refer to pages 24 - 25



Hydraulic Thin Jaw Gear & Bearing Pullers

Specially designed leg jaw profile, for pulling tasks where there is limited clearance behind the component to be removed. The jaw profile also features a wider load bearing surface than standard puller legs in order to provide secure grip.

Thin jaw pullers are available with either mechanical or SP 1500 Series hydraulic power.



Std jaw profile designed to grip tighter as pressure is applied



Thin jaw profile designed for limited access and secure grip

860 Series – Two Leg Mechanical Thin Jaw Gear Pullers

Reference	Spread		Reach		Force Screw mm
	ins	mm	ins	mm	
08600000	3	75	3	75	12 x 150
08602000	3	75	5	125	12 x 150
08610000	6	150	6	150	24 x 225
08620000	9	225	9	225	24 x 300
08630000	6	150	9	225	24 x 300

Note : ref 08602000 includes an additional 50mm extension piece



860 Series – Three Leg Mechanical Thin Jaw Gear Pullers

Reference	Spread		Reach		Force Screw mm
	ins	mm	ins	mm	
08601000	3	75	3	75	12 x 150
08603000	3	75	5	125	12 x 150
08640000	6	150	6	150	24 x 225
08650000	6	150	9	225	24 x 300

Note : ref 08603000 includes an additional 50mm extension piece



860 Series – Combination Two / Three Way Pullers

Reference	Spread		Reach		Force Screw mm
	ins	mm	ins	mm	
08600300	3	75	3/5	75/125	12 x 150

Note : ref 08600300 is supplied in a flat-pack carton with foam inlays
ref 08600300 also includes a 50mm extension piece



1860 Series – Two Leg Hydraulic Thin Jaw Gear Pullers

Reference	Spread		Reach		Ext Travel
	ins	mm	ins	mm	
18610000	6	150	6	150	15242200 – 2ins
18620000	9	225	9	225	15272600 – 6ins
18630000	6	150	9	225	15272600 – 6ins

18620000



1860 Series – Three Leg Hydraulic Thin Jaw Gear Pullers

Reference	Spread		Reach		Ext Travel
	ins	mm	ins	mm	
18640000	6	150	6	150	15242200 – 2ins
18650000	6	150	9	225	15272600 – 6ins

18650000



For details of individual puller components, please refer to pages 24 - 25



Mechanical Thin Jaw Gear Puller Set 08650400 supplied in steel case

- Contains component parts to make 7 separate 2 or 3 leg pullers, as per the table below:

Reference	Spread		Reach		Force Screw mm	Type
	ins	mm	ins	mm		
08600000	3	75	3	75	12 x 150	2 leg
08610000	6	150	6	150	24 x 225	2 leg
08615000	9	225	6	150	24 x 225	2 leg
08620000	9	225	9	225	24 x 300	2 leg
08630000	6	150	9	225	24 x 300	2 leg
08640000	6	150	6	150	24 x 225	3 leg
08650000	6	150	9	225	24 x 300	3 leg



Mechanical Thin Jaw Gear Puller Set on Storage Panel 08650500 supplied on wall mounted storage panel

- Contents as per 08650400 (above) -

Spare parts:

08652500 Storage Panel c/w Overlay for Kit ref 08650500

08652900 Hook Set for Kit ref 08650500



Hydraulic Thin Jaw Gear Puller Set 18650400 supplied in steel case

- Contains component parts to make 7 separate 2 or 3 leg pullers, as per the table below:

Reference	Spread		Reach		Screw & Ext.	Type
	ins	mm	ins	mm		
08600000	3	75	3	75	12 x 150	2 leg
18610000	6	150	6	150	2 ins	2 leg
18615000	9	225	6	150	2 ins	2 leg
18620000	9	225	9	225	6 ins	2 leg
18630000	6	150	9	225	6 ins	2 leg
18640000	6	150	6	150	2 ins	3 leg
18650000	6	150	9	225	6 ins	3 leg



18650400

Hydraulic Thin Jaw Gear Puller Set on Storage Panel 18650500 supplied on wall mounted storage panel

- Contents as per 18650400 (above)

Spare parts :

18652500 Storage Panel c/w Overlay for Kit ref 18650500

18652900 Hook Set for Kit ref 18650500



For details of individual puller components, please refer to pages 24 - 25



External Bearing Separators

Versatile pulling tools for maintenance engineers, in a wide variety of applications, where a long reach is required to draw a bearing from a shaft.

The tapered edges of the bearing separator provide all round support, and can fit behind bearings where normal puller legs cannot gain access.

Available in both mechanical and hydraulic versions.

Mechanical separator kits comprise of a twin beam, selection of pulling rods, separator, and force screw with thrust nut and race. Hydraulic versions feature the **SP 1500 Series** Hydraulic Ram in place of the force screw.

Mechanical and Hydraulic Separator Kits can also be used in conjunction with both the **SP 1500 Series** range of pullers, or the Thin Jaw range of pullers.

900 Series – Mechanical Separator Kits

supplied in steel case

Reference	Separator Capacity		Maximum Reach		Pulling Rod Threads
	ins	mm	ins	mm	
09300000	0 - 2 ^{1/4}	0 - 55	4 ^{1/2}	115	3/8" BSF
09310000	3/4 - 4 ^{1/4}	20 - 105	34 ^{1/2}	876	1/2" BSF
09320000	1 ^{1/4} - 5 ^{1/2}	35 - 140	34	860	5/8" BSF
09330000	2 - 7	50 - 175	30	760	1" 14UNS

Kit Contents:

Description	Ref 09300000	Ref 09310000	Ref 09320000	Ref 09330000
Beam	09301200	09311200	09321200	09331200
Force Screw	08281100	09311300	09321300	09331300
Thrust Nut		09311400	09321400	09331400
Thrust Race		09312100	09322100	09332100
Main Rods	09301500	09311500	09321500	09331500
Extension Rods		09311900 09312300	09321900 09322300	09331900
Separator	09500000	09510000	09520000	09530000

09300000



09310000



1900 Series – Hydraulic Separator Kits

supplied in steel case

Reference	Separator Capacity		Maximum Reach		Pulling Rod Threads
	ins	mm	ins	mm	
19310000	3/4 - 4 ^{1/4}	20 - 105	34 ^{1/2}	876	1/2" BSF
19320000	1 ^{1/4} - 5 ^{1/2}	35 - 140	34	860	5/8" BSF

Kit Contents:

Description	Ref 19310000	Ref 19320000
Beam	19311200	19321200
Main Rods	09311500	09321500
Extension Rods	09311900 09312300	09321900 09322300
Separator	09510000	09520000
Hydraulic Ram	15000000	15000000
Ram Extension 4"	15262400	
Ram Extension 6"		15272600

19310000





Internal Extractor Kit 09450000

Kit Contents:

Description	Ref
Beam	09311200
Force Screw	09311300
Thrust Nut	09311400
Thrust Race	09312100
Main Rods	09311500
Protectors	09312000
Leg Assembly	09351400
Extractor Beam	09351200
Extractor Adj. Screw	09351500



For applications requiring an internal pulling action. The Internal extractor kit can be used on its own, where no other pullers are available. The Internal pulling attachments are for use with either the mechanical or hydraulic separator kits. Individual separators can be used with any of the Sykes-Pickavant designs of pullers, where standard puller legs cannot gain access.

Internal Pulling Attachment 09350000

- For use with Mechanical Separator Kits 09310000 or 09320000
- Note: If using 09350000 with kit ref 09320000, Screw Adaptor 09350100 is required



Internal Pulling Attachment 09360000

- For use with Mechanical Separator Kit 09330000
- Note: Screw Adaptor 09360100 is required

Reference	Internal Diameter Capacity		Reach		Use with Separator Kit ref.	Screw Adaptor required
	ins	mm	ins	mm		
09350000	1 ^{1/2} - 6	40 - 150	4	100	09310000 09320000	None 09350100
09360000	3 - 9	75 - 230	5 ^{7/8}	150	09330000	09360100

Individual Bearing Separators

- Can be used with any of the Sykes-Pickavant design of pullers, where standard puller legs cannot gain access.
- Tapered edges provide all round support

Reference	Capacity		Use with 2 leg Mechanical Puller	Use with 2 leg Hydraulic Puller
	ins	mm		
09500000	0 - 2 ^{1/4}	0 - 55	08300000 09300000	
09510000	3/4 - 4 ^{1/4}	20 - 105	08310000 09310000	1500 Series 19310000
09520000	1 ^{1/4} - 5 ^{1/2}	35 - 140	08320000 08330000 09320000	1500 Series 19320000
09530000	2 - 7	50 - 175	09300000	Loadstar Series



Combination Separator / Puller Kits

- Refer to page 12 - 13 for details of Combination Separator & Puller Kits – both mechanical and hydraulic options



Hydraulic Puller & Separator Set 15520000

supplied in steel case

- Contains component parts to make 4 different 2 or 3 leg pullers, plus bearing separator kit, as per the table below:

Reference	Spread		Reach		Ext Travel ins
	ins	mm	ins	mm	
15240000	2 - 4	50 - 100	4	100	2
15340000	2 - 4	50 - 100	4	100	2
15260000	3 - 6	75 - 150	6	150	4
15360000	3 - 6	75 - 150	6	150	4
	Separator Cap.		Reach		Threads
19310000	3/4 - 4 1/4	20 - 105	34 1/2	876	1/2" BSF

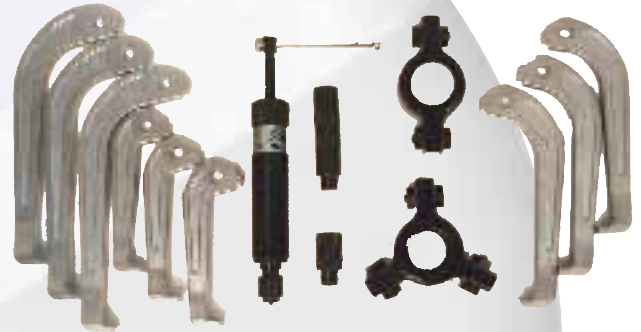


Hydraulic Puller & Separator Set 15520800

supplied in steel case

- Contains component parts to make 6 different 2 or 3 leg pullers, plus bearing separator kit, as per the table below:

Reference	Spread		Reach		Ext Travel ins
	ins	mm	ins	mm	
15240000	2 - 4	50 - 100	4	100	2
15340000	2 - 4	50 - 100	4	100	2
15260000	3 - 6	75 - 150	6	150	4
15360000	3 - 6	75 - 150	6	150	4
15270000	3 - 6	75 - 150	10	250	4 + 2
15370000	3 - 6	75 - 150	10	250	4 + 2
	Separator Cap.		Reach		Threads
19310000	3/4 - 4 1/4	20 - 105	34 1/2	876	1/2" BSF



Hydraulic Puller & Separator Set 15540000

supplied in steel case

- Contains component parts to make 10 different 2 or 3 leg pullers, plus bearing separator kit, as per the table below :-

Reference	Spread		Reach		Ext Travel ins
	ins	mm	ins	mm	
15240000	2 - 4	50 - 100	4	100	2
15340000	2 - 4	50 - 100	4	100	2
15260000	3 - 6	75 - 150	6	150	4
15360000	3 - 6	75 - 150	6	150	4
15270000	3 - 6	75 - 150	10	250	4 + 2
15370000	3 - 6	75 - 150	10	250	4 + 2
15280000	4 - 8	100 - 200	8	200	6
15380000	4 - 8	100 - 200	8	200	6
15290000	5 - 10	130 - 250	10	250	6
15390000	5 - 10	130 - 250	10	250	6
	Separator Cap.		Reach		Threads
19310000	3/4 - 4 1/4	20 - 105	34 1/2	876	1/2" BSF



Hydraulic Puller & Separator Set on Storage Panel 15540500

- Contents as per 15540000 (above)
- Supplied on wall mounted storage panel.

Spare parts: 15542500 Storage Panel c/w Overlay for
Kit ref 15540500
15542900 Hook Set for Kit ref 15540500





Hydraulic Puller & Separator Set 15570000
supplied in steel case

- Contains component parts to make 10 different 2 or 3 leg pullers, plus bearing separator kit and internal extractor kit, as per the table below:

Reference	Spread		Reach		Ext Travel ins
	ins	mm	ins	mm	
15240000	2 - 4	50 - 100	4	100	2
15340000	2 - 4	50 - 100	4	100	2
15260000	3 - 6	75 - 150	6	150	4
15360000	3 - 6	75 - 150	6	150	4
15270000	3 - 6	75 - 150	10	250	4 + 2
15370000	3 - 6	75 - 150	10	250	4 + 2
15280000	4 - 8	100 - 200	8	200	6
15380000	4 - 8	100 - 200	8	200	6
15290000	5 - 10	130 - 250	10	250	6
15390000	5 - 10	130 - 250	10	250	6
	Separator Cap.		Reach		Threads
19310000	3/4 - 4 1/4	20 - 105	34 1/2	876	1/2" BSF
	Int. Diameter Cap.		Reach		
09450000	1/2 - 6	40 - 150	4	100	



Hydraulic Puller & Separator Set 15580000
supplied in steel case

- Contains component parts to make 10 different 2 or 3 leg pullers, plus heavy duty bearing separator kit and internal extractor kit, as per the table below

Reference	Spread		Reach		Ext Travel ins
	ins	mm	ins	mm	
15240000	2 - 4	50 - 100	4	100	2
15340000	2 - 4	50 - 100	4	100	2
15260000	3 - 6	75 - 150	6	150	4
15360000	3 - 6	75 - 150	6	150	4
15270000	3 - 6	75 - 150	10	250	4 + 2
15370000	3 - 6	75 - 150	10	250	4 + 2
15280000	4 - 8	100 - 200	8	200	6
15380000	4 - 8	100 - 200	8	200	6
15290000	5 - 10	130 - 250	10	250	6
15390000	5 - 10	130 - 250	10	250	6
	Separator Cap.		Reach		Threads
19320000	1 1/4 - 5 1/2	35 - 140	34 1/2	876	5/8" BSF
	Int. Diameter Cap.		Reach		
09450000	1 1/2 - 6	40 - 150	4	100	



Hydraulic Puller & Separator Set – Complete Set 15590000
supplied in steel case

- Contains component parts to make 10 different 2 or 3 leg pullers, plus both standard and heavy duty bearing separator kits, and internal extractor kit, as per the table below:

Reference	Spread		Reach		Ext Travel ins
	ins	mm	ins	mm	
15240000	2 - 4	50 - 100	4	100	2
15340000	2 - 4	50 - 100	4	100	2
15260000	3 - 6	75 - 150	6	150	4
15360000	3 - 6	75 - 150	6	150	4
15270000	3 - 6	75 - 150	10	250	4 + 2
15370000	3 - 6	75 - 150	10	250	4 + 2
15280000	4 - 8	100 - 200	8	200	6
15380000	4 - 8	100 - 200	8	200	6
15290000	5 - 10	130 - 250	10	250	6
15390000	5 - 10	130 - 250	10	250	6
	Separator Cap.		Reach		Threads
19310000	3/4 - 4 1/4	20 - 105	34 1/2	876	1/2" BSF
19320000	1 1/4 - 5 1/2	35 - 140	34 1/2	876	5/8" BSF
	Int. Diameter Cap.		Reach		
09450000	1 1/2 - 6	40 - 150	4	100	





Small Capacity Combination 09300300

supplied in a flat-pack carton with foam inlays

- Ideal combination pack for applications involving small capacity bearings, gears, pulleys etc, covering a wide variety of applications

Reference	Spread		Reach		Type of Leg
	ins	mm	ins	mm	
08600000	3	75	3	75	Thin Jaw
08602000	3	75	5	125	Thin Jaw
08230000	2 1/2	60	2	50	Adj. 2 position
	Capacity		Reach		
09300000	2 1/4	55	4 1/2	55	Pulling Rods



Thin Jaw Separator Combination 09300500

supplied in a flat-pack carton with foam inlays

- Combination pack consisting of thin jaw puller and bearing separator
- Ideal for smaller applications

Reference	Spread		Reach		Type of Leg
	ins	mm	ins	mm	
08600000	3	75	3	75	Thin Jaw
	Capacity		Reach		
09300000	2 1/4	55	4 1/2	55	Pulling Rods



Multipack Combination 09400300

supplied in a flat-pack carton with foam inlays

- Combination pack consisting of thin jaw puller, reversible leg puller and bearing separator – ideal combination for light applications

Reference	Spread		Reach		Type of Leg
	ins	mm	ins	mm	
08600000	3	75	3	75	Thin Jaw
66036000	4	100	3	75	2/3 leg reversible
	Capacity		Reach		
09300000	2 1/4	55	4 1/2	55	Pulling Rods



Display Panel Combination 08490500

supplied on a wall mounted storage panel

- Combination display panel set consisting of thin jaw puller, small and medium reversible leg 2 / 3 way pullers, and bearing separator – for light / medium applications

Reference	Spread		Reach		Type of Leg
	ins	mm	ins	mm	
08600000	3	75	3	75	Thin Jaw
08270500	6	150	3 1/4	80	2/3 leg reversible
08280500	8	200	5 1/2	140	2/3 leg reversible
	Capacity		Reach		
09300000	2 1/4	55	4 1/2	55	Pulling Rods



Hydraulic Combination 19310300

supplied in a flat-pack carton with foam inlays

- Combination pack consisting of medium duty hydraulic thin jaw puller and bearing separator

Reference	Spread		Reach		Type of Leg
	ins	mm	ins	mm	
18610000	6	150	6	150	Thin Jaw
	Capacity		Reach		
19310000	4 1/4	105	34 1/2	876	Pulling Rods



Spare Parts :

08492500
Storage Panel c/w Overlay
For Kit ref 08490500

08492900
Hook Set for Kit ref 08490500



Hydraulic Combination Puller Packs

Using the power of the *SP 1500 Series* Hydraulic Ram

Combination Separator & Extractor Set

supplied on a wall mounted storage panel **19310500**

- A comprehensive set of separators, extractors and thin jaw puller
- Mounted on wall display panel for ease of use and access

Reference	Spread		Reach		Type of Leg
	ins	mm	ins	mm	
08600000	3	75	3	75	Thin Jaw
	Capacity		Reach		
09300000	2 ^{1/4}	55	4 ^{1/2}	55	Pulling Rods
19310000	4 ^{1/4}	105	34 ^{1/2}	876	Pulling Rods
09580000	6mm – 38mm		Slide Hammer		7 x Split Collets

Spare Parts :

19312500
Storage Panel
c/w Overlay for
Kit ref 19310500

19312900
Hook Set for
Kit ref 19310500

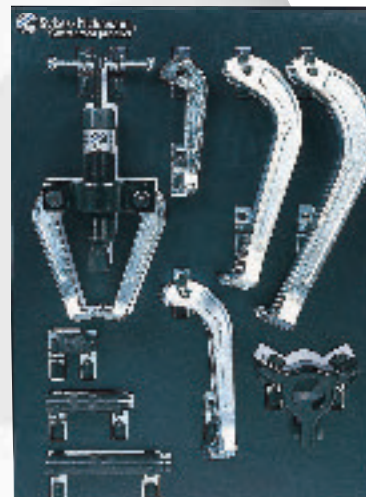


Hydraulic Puller Set on Display Panel

supplied on a wall mounted storage panel **15510500**

- Contains component parts to make 8 different 2 or 3 leg pullers.

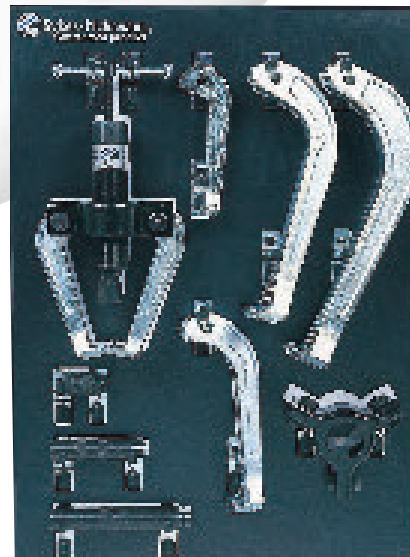
Reference	Spread		Reach		Ext Travel
	ins	mm	ins	mm	
15240000	2 – 4	50 - 100	4	100	2
15340000	2 – 4	50 - 100	4	100	2
15260000	3 – 6	75 - 150	6	150	4
15360000	3 – 6	75 - 150	6	150	4
15280000	4 – 8	100 - 200	8	200	6
15380000	4 – 8	100 - 200	8	200	6
15290000	5 – 10	130 - 250	10	250	6
15390000	5 – 10	130 - 250	10	250	6



Comprehensive Puller, Separator & Extractor Set

15530500

- Combines ref. 19310500 and 15510500 (as above) to make the most comprehensive set of pulling, separating, and extracting options available.
- Ideal workshop set for applications where a wide variety of pulling and extracting problems are likely to be encountered on a daily basis
- Supplied on 2 x wall mounted storage panels for ease of use and access.





Hydraulic & Mechanical Hub Puller Kit 12730600

Variable Stud Hydraulic Hub Puller Kit, c/w Impact Screw & 5 Legs

Can be used on a variety of wheel stud pattern applications

- 4, 5, 6 stud hubs, with pitch circle up to 203mm

Can also be used in a variety of Industrial applications, where it is more practical to connect to studs, rather than using traditional pullers

- **SP 1500 Series** Hydraulic Power Ram allows for smooth, progressive application of up to 8 tonnes of force
- Fine pitch thread for easy adjustment
- Floating plunger with free moving legs, enables quick and easy attachment to vehicle hubs
- Can be used in 3, 4 or 5 leg combinations
- Heavy duty force screw with impact handle included, where shock action is required to 'break' stubborn hubs
- Supplied in steel storage case

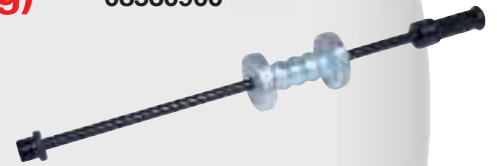


Contents		Specifications	
15000000	Hydraulic Power Ram	Leg Reach:	158mm
15242200	Ram Extension (2" / 50mm)	Spread Capacity:	203mm
15002700	Ram Nosepiece	Stud Hole Diameter:	15.8mm
12731200	Puller Ring Plate	Puller Plate Thread:	1.1/2" BSW
12731100	Impact Force Screw	Hydraulic Ram Thread:	1.1/2" BSW
08251900	Shock Handle	Impact Screw Thread:	1.1/2" BSW
08251400	Legs (5 off)		

Heavy Duty Slide Hammer Assembly (4.1kg) 08530900

when greater impact is required

Kit ref 12730600 provides a versatile solution to a variety of Hub Pulling problems, but can be further enhanced with the addition of our Heavy Duty Slide Hammer (08530900) which is fully compatible, and can be fitted directly into the Puller Ring Plate.



The component parts of the Variable Stud Hub Puller, can also be supplied in alternative formats:

Hydraulic Hub Pullers c/w **SP1500 Series** Hydraulic Power Ram

- 12730300 Hydraulic Hub Puller c/w 3 legs
- 12730400 Hydraulic Hub Puller c/w 4 legs
- 12730500 Hydraulic Hub Puller c/w 5 legs

All of the above can also be used with Heavy Duty Slide Hammer 08530900

Mechanical Hub Pullers c/w Impact Force Screw and Shock Handle

- 08250300 Mechanical Hub Puller c/w 3 legs
- 08250400 Mechanical Hub Puller c/w 4 legs
- 08250500 Mechanical Hub Puller c/w 5 legs

All of the above can also be used with Heavy Duty Slide Hammer 08530900





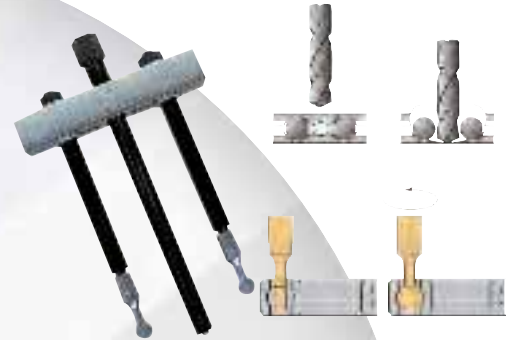
Multipull® Blind Housing Bearing Removers

Specialist pullers designed to remove 'blind housing' bearings, without the need to dismantle machinery or to remove the running shaft.

- Positive seating allows even tension on both the inner and outer bearing rings, which reduces resistance
- Stabilising beam and rods reduce sideways movement, and self-centre the puller
- 3 separate kits cover a wide range of ISO bearing designations – or use bearing dimensions to determine appropriate puller



Kit Reference	Ball End Diam mm	Min Spread mm	Max Spread mm	Reach mm
09800000	5.5 – 8.0	20	95	125
09810000	5.5 – 12.5	20	117	415
09820000	16.0 – 31.75	56	210	490
ISO Bearing Designation				
09800000	6004 - 6010	6200 - 6205	6300 - 6302	
09810000	6004 - 6015	6200 - 6211	6300 - 6307	6403 - 6404
09820000		6212 - 6222	6308 - 6319	6405 - 6414



Multipull® Blind Housing Bearing Remover Kit

09800000

- For small bearings up to 8mm ball diameter
- Includes 3 x pairs of adaptors – 5.5 / 6.0 / 8.0mm diameter
- Twin beam, force screw and extension rods



Multipull® Blind Housing Bearing Remover Kit

09810000

- For small / medium bearings up to 12.5mm ball diameter
- Includes 6 x pairs of adaptors – 5.5 / 6.0 / 8.0 / 9.0 / 11.0 / 12.5mm diameter
- Large and small twin beams, force screws and extension rods



Multipull® Blind Housing Bearing Remover Kit

09820000

- For large bearings up to 31.75mm ball diameter
- Includes 6 x pairs of adaptors – 16 / 19 / 22 / 25 / 28 / 31.75mm ball diameter
- Large twin beam, force screw and extension rods



For further details of Multipull® components and kit contents, please refer to page 31.



854 Series – Internal & External Leg Type Extractors – Combi-Pull

supplied in metal storage cases.

A universal pulling tool for both internal and external applications, which can be used in both 2 leg or 3 leg format. Using a slide hammer action, this type of puller is particularly suitable where conventional pullers cannot be used, due to the absence of a shaft, making it ideal for small gears, bearings, pinions, oils seals, ball races etc. This puller design utilises an adjustable cone, which ensures positive location, and which can be inverted for internal / external applications. Ref. 08545000 is also supplied with a T-Bar & Force Screw, to create the additional option of a manually operated internal or external extractor.

Reference	Internal Capacity ins mm	External Capacity ins mm	Reach	
08540000	1/2 - 4 1/4 13 - 105	0 - 3 0 - 75	Straight Leg - 75mm Cranked Leg - 65mm	
08545000	1/2 - 4 1/4 13 - 105	0 - 2 1/2 0 - 66	Straight Leg - 75mm Cranked Leg - 65mm	Inc. T-bar & Screw for Manual Option



958 Series – Internal Split Collet Type Extractors

The split collet is pushed into the centre of the bearing, and then expanded via the hex nut on the end of the collet, until a secure grip is achieved. The slide-hammer is then attached, and provides the necessary extracting force. Provides quick and efficient removal of gears, bearings, pinions, seals etc. Nine (9) different sizes of split collet are available, and a twin beam pulling unit can be used in place of the slide hammer for controlled application of force, via a force screw.

Split Collet Extractor Kit Contents

supplied in steel storage cases

Component	Spread Min mm	Max	Kit Ref. 09580000	Kit Ref 09580100	Kit Ref. 09580200	Kit Ref. 09580300	Kit Ref. 09580400
Extractor	6	8.5	09580900	09580900			
Extractor	8	11	09581000	09581000			09581000
Extractor	10.5	13	09581100	09581100			09581100
Extractor	13	18	09581200		09581200		09581200
Extractor	18	22.5	09581300		09581300		09581300
Extractor	22.5	30	09581400		09581400		
Extractor	30	38	09581500			09581500	
Extractor	38	50	09581600			09581600	
Extractor	50	60	09581700			09581700	
Adaptor			09582000	09582000	09582000		09582000
Pulling Unit			09580500				
Slide Hammer			08542100	08542100	08542100	08542100	08542100



For further details of Combi-Pull and Split Collet components and kit contents, please refer to pages 30 / 31.



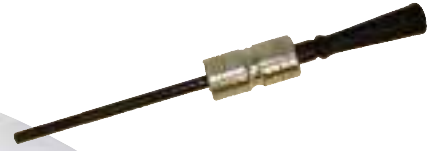
Pulling Unit 09580500

- Twin Beam bridge for use with split collet extractors
- Mechanical force screw can then be used to draw extractors in place of slide hammers



Slide Hammer Assembly – 1kg 08542100

- Light Duty Slide Hammer (1kg) for use with Combi-Pull and Split Collet Extractors



Split Collet Extractor Kit 09580000

- Slide Hammer, Pulling Unit, 9 x Extractors 6 – 60mm



Split Collet Extractor Kit 09580100

- Slide Hammer, 3 x Extractors 6 – 13mm



Split Collet Extractor Kit 09580200

- Slide Hammer, 3 x Extractors 13 – 30mm



Split Collet Extractor Kit 09580300

- Slide Hammer, 3 x Extractors 30 – 60mm



Split Collet Extractor Kit 09580400

- Slide Hammer, 4 x Extractors 8 – 22.5mm (Automotive selection)



Combination Slide Hammer Kit – Combi-Pull and Split Collets

Slide Hammer Puller Kit 08540300

supplied in a flat-pack carton with foam inlay

- Slide Hammer, 4 x Extractors 10.5 – 30mm
- 3 x Straight Legs, 3 x Cranked Legs, Adjustable Cone



Reference	Internal Capacity ins mm	External Capacity ins mm	Reach
08540000	1/2 - 4 1/4 13 - 105	0 - 3 0 - 75	Straight Leg – 75mm Cranked Leg – 65mm
09581100	10.5 - 13		Split Collet
09581200	13 - 18		Split Collet
09581300	18 - 22.5		Split Collet
09581400	22.5 - 30		Split Collet

For further details of Combi-Pull and Split Collet components and kit contents, please refer to pages 30 / 31.



Concentric Easy Pullers

all Concentric Easy Pullers are packed in individual storage cartons

A range of pullers designed to be particularly 'easy' to use.

The design features a screw operated 'concentric' action, and self-adjusting legs.

The self-centring and self-adjusting action, makes it easy to position the puller with one hand, whilst adjusting the force screw with the other, thus making it much 'easier' to use than conventional three leg pullers.

The design ensures that once the legs are in position, the jaws are locked which eliminates the risk of slippage under load.

Unique '4 way' beam design, allows the puller to be used in either 2 leg or 3 leg format.

Five different models available, from 2 tonnes to 10 tonnes capacity.



Reference	Capacity	Spread mm	Reach mm	Weight Kg
10011000	2 tonnes	120	80	1.6
10012000	3 tonnes	180	120	2.3
10013000	5 tonnes	270	160	4.3
10014000	8 tonnes	300	210	6.1
10015000	10 tonnes	380	250	9.6

Spare Parts :

Puller Ref	Capacity	Leg Assembly	Force Screw
10011000	2 tonnes	10011500	10011100
10012000	3 tonnes	10012500	10012100
10013000	5 tonnes	10013500	10013100
10014000	8 tonnes	10014500	10014100
10015000	10 tonnes	10015500	10015100



Self Grip Adjustable Pullers

Self Grip pullers are packed in a Individual storage cartons

- Light duty, quick and simple to use
- Spring loaded with self gripping legs
- Self centring action
- Easily adjustable for either 2 leg or 3 leg format
- Chrome finish on legs

Reference	Capacity	Spread mm	Reach mm	Weight Kg
10031000	1.1 tonnes	80	90	0.65
10032000	1.1 tonnes	150	150	0.67
10033000	1.7 tonnes	200	200	1.50

Spare Parts :

Puller Ref	Capacity	Leg Assembly	Force Screw
10031000	1.1 tonnes	10031500	10031100
10032000	1.1 tonnes	10032500	10032100
10033000	1.7 tonnes	10033500	10033100



1.1t -80mm



1.1t -150mm



Auto Grip Adjustable Puller

Auto Grip pullers are packed in a Individual storage carton

- Medium duty, quick and simple to use
- Spring loaded locking mechanism
- Safety shear pin to prevent overload
- Automatic self gripping legs and self centring action
- Can be used in either 2 leg or 3 leg format
- Chrome finish

Reference	Capacity	Spread mm	Reach mm	Weight Kg
10041000	3 tonnes	140	150	1.6

Spare Parts :

Puller Ref	Capacity	Leg Assembly	Force Screw
10041000	3 tonnes	10041500	10041100



3 tonnes

Specialist Micro Pullers

- Three leg, fast fit puller, for rapid removal of small bearings
- Self centring screw with T bar and hex drive
- Legs fitted with springs for quick and secure location
- Adjustable collar tightens under load for positive, non-slip action

Kit Reference	Capacity	Min Spread mm	Max Spread mm	Reach mm
08215000	1 tonne	19	45	73

Micro Bearing Puller Spare Parts :

0821050 Leg - 08210400 Ext Piece - 08210300 Screw & T Bar



Mini Bearing Pullers

Reference	Capacity	Spread	Reach	Type
02385000		18-45mm	35mm	2 leg Adj
08230000	1 tonne	60 mm	50 mm	2 / 3 leg





Loadstar Heavy Duty Hydraulic Puller & Separator Kits

supplied in extra strong wooden crates

The Loadstar Range is a specially developed range of Heavy Duty pulling solutions – covering a wide range of Heavy Duty pulling and separating applications, from 20 – 50 tonnes.

A range of kits are available covering basic pulling operations, plus separating, and extracting options. All Loadstar Kits are supplied in extra-strong wooden crates, for storage and transport purposes.

Loadstar 20 tonnes Range

20 tonnes Heavy Duty Puller Kit

20010000

- 20 tonne self-retracting hydraulic push ram
- 10,000 psi 2 speed hand pump with pressure gauge
- Triple beam with 2 types of heavy duty puller leg
 - Cranked legs for extra wide spread
 - Straight legs, plus extensions, for extra reach
- Auto-Grip collar with three ram extensions
 - 150 x 25mm / 150 x 37mm / 150 x 50mm
- Accessories allow ram to be used as a portable jack or toe lift
- Legs forged from high quality Alloy Steel
- Aluminium bodied ram & pump



20 tonnes Heavy Duty Puller / Separator Kit

20020000

- As per 20 tonnes Heavy Duty Puller Kit (20010000), plus :-
- Twin beam assembly and pulling rods (2 off)
- Heavy duty bearing separator



20 tonnes Heavy Duty Puller / Separator and Press Frame Kit

20030000

- As per 20 tonnes Heavy Duty Puller Kit (20010000), plus :-
- Twin beam assembly and pulling rods (2 off)
- Heavy duty bearing separator
- Press frame assembly



20 tonnes Portable Press Frame Kit

11200000

- 20 tonne self-retracting hydraulic push ram
- 10,000 psi 2 speed hand pump with pressure gauge
- Press frame assembly
- Auto-Grip collar with three ram extensions
 - 125 x 18mm
 - 150 x 20mm
 - 150 x 25mm



For information regarding Loadstar spare parts, please contact our Technical Support helpline on +44 1922 702222

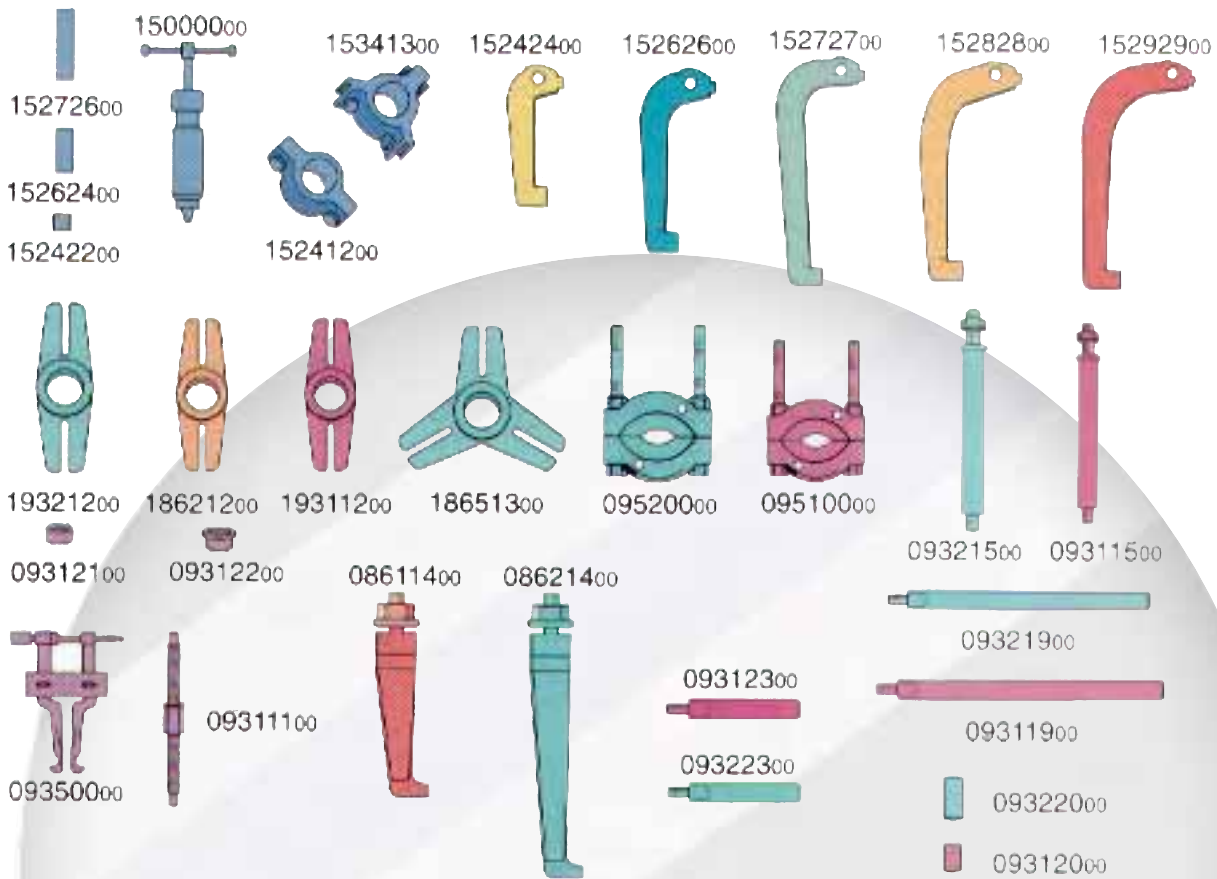


Mechanical Puller & Separator Components

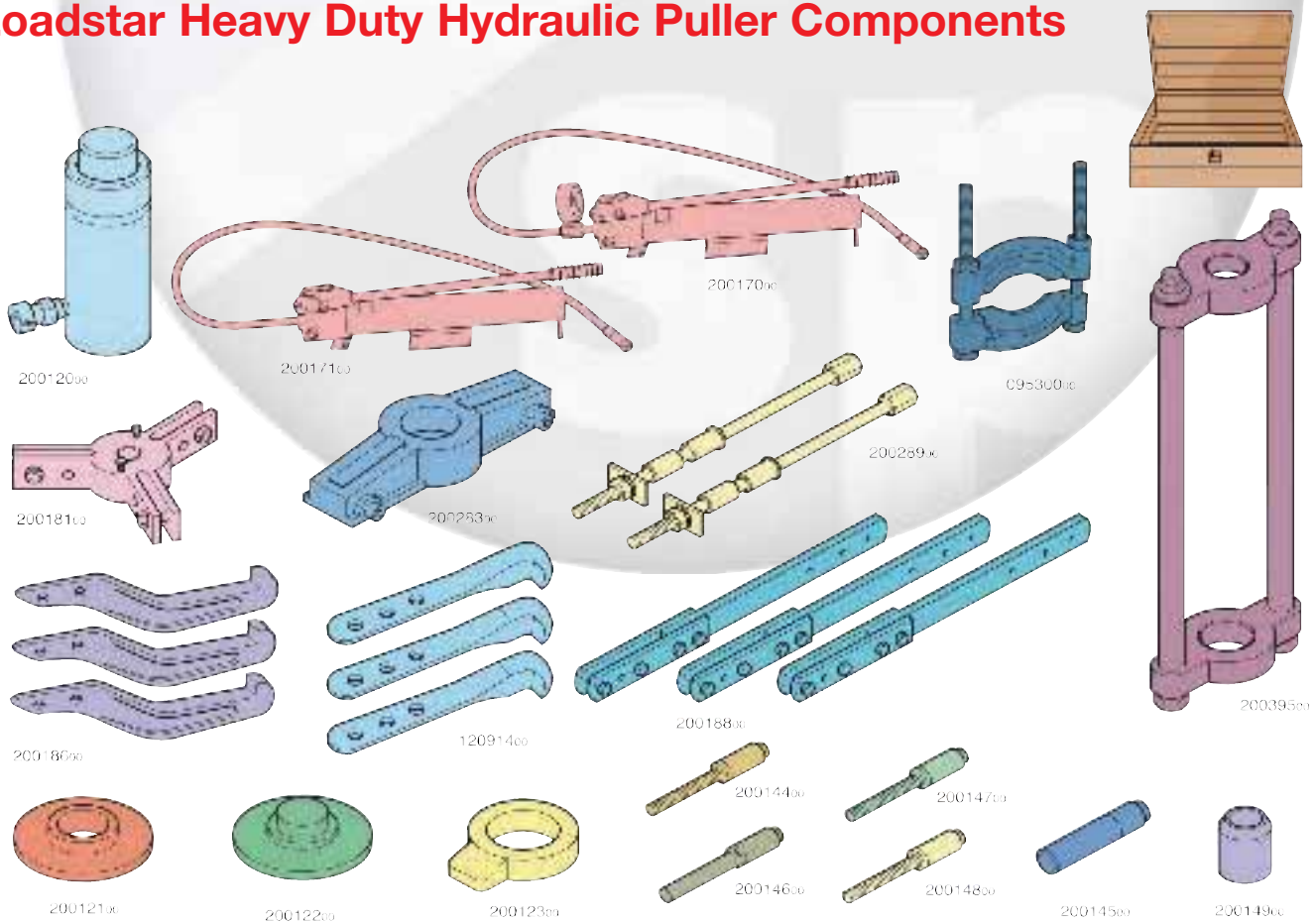
Image	Reference	Description	Dimension	08270500	08280500	08420000	08420600	08490000	08490600	08600300	08650400	09300000	09300500	09310000	09320000	09330000	09400300	
	08271100	Force Screw	147MM M12x1.75	1		1	1	1	1	1	1							
	08281100		230MM M16x2.0		1	1	1	1	1			1	1					1
	08291100		292MM M24x3.00		1	1						1						
	08271200	Twin Head	75MM Long	1		1	1	1	1									
	08281200		110MM Long		1	1	1	1	1									
	08291200		165MM Long			1	1											
	08271300	Triple Head	38MM Radius	1		1	1	1	1									
	08281300		55MM Radius		1	1	1	1	1									
	08291300		83MM Radius			1	1											
	08271400	Leg Assembly	124MM Long	3		3	3	3	3									
	08281400		236MM Long		3	3	3	3	3									
	08291400	Assembly Leg Assembly	305MM Long			3	3											
	08331400		437MM Long			3	3											
	08611100	Force Screw	217MM M24x3.0								1							
	08601200	Twin Beam	118MM Long							1	1							
	08611200		210MM Long								1							
	08621200		285MM Long								1							
	08601300	Triple Beam	59MM Radius							1								
	08651300		125MM Radius								1							
	08601400	Thin Jaw Leg	122MM Long							3	2	2					2	
	08602400		162MM Long							3								
	08611400		215MM Long								3							
	08621400		290MM Long								3							
	09301200	Twin Beam	118MM Long									1	1				1	
	09311200		205MM Long											1				
	09321200		290MM Long												1			
	09331200		330MM Long													1		
	09301500	Main Rod	160MM Long							2	2					2		
	09311500	Main Rod Extension Rod	254MM Long											2				
	09311900		285MM Long											4				
	09312000	Protector	63MM Long															
	09312300	Main Rod Extension Rod	127mm Long											2				
	09321500		332MM Long													2		
	09321900	Main Rod Extension Rod	272MM Long												4			
	09322000		Protector	38MM Long														
	09322300	Extension Rod	152MM Long											2				
	09331500	Main Rod Extension Rod	375MM Long													2		
	09331900		304MM Long													4		
	09500000	Separator	90x105MM				1	1		1	1						1	
	09510000		150x200MM				1	1					1					
	09520000		210x250MM				1								1			
	09530000		290x350MM														1	
	09311300	Force Screw	305mm 3/4x12BSF											1				
	09311400	Thrust Nut	30.5MM A/F											1				
	09312100	Thrust Race	38MM DIA											1				
	09321300	Force Screw	330MM 1" x 10 BSF												1			
	09321400	Thrust Nut	37.5 MM AF												1			
	09322100	Thrust Race	50MM DIA												1			
	09331300	Force Screw	380x1" 1/4x12UNF														1	
	09331400	Thrust Nut	47MM A/F														1	
	09332100	Thrust Race	60MM DIA														1	
		09350000	Internal Extractor	180x225MM														
		09360000		300x300MM														
	66036000	General Puller	140x160MM														1	



1500 Series Hydraulic Puller Components

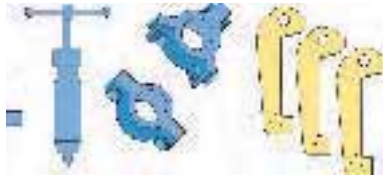


Loadstar Heavy Duty Hydraulic Puller Components





15340500



15500000



15500800



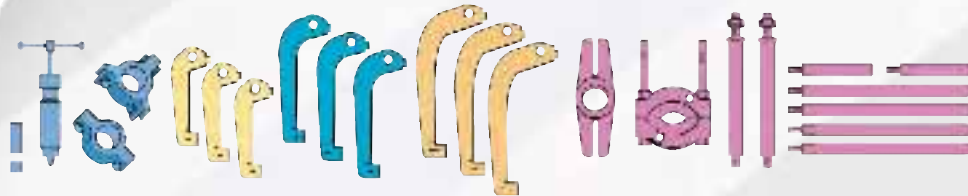
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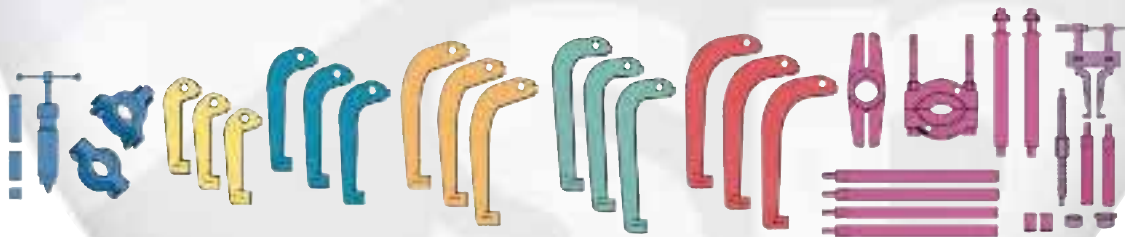
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15540000



15570000



15580000



15590000

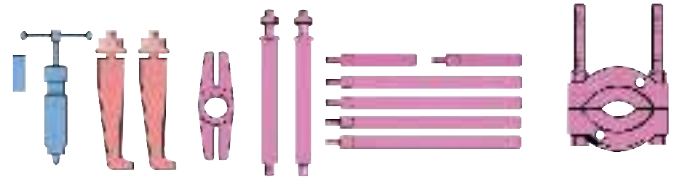




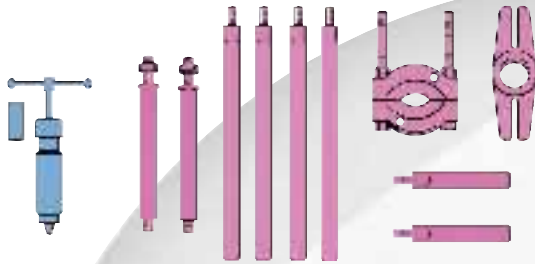
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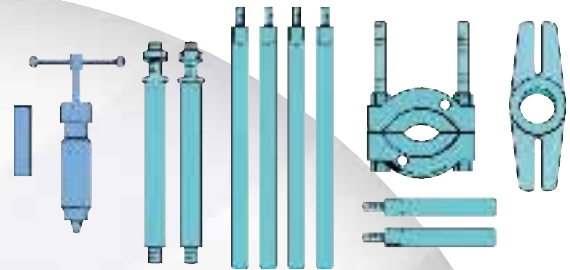
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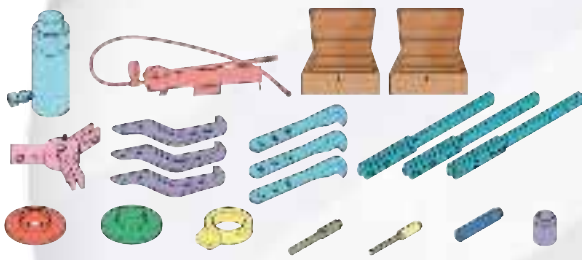
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19320000



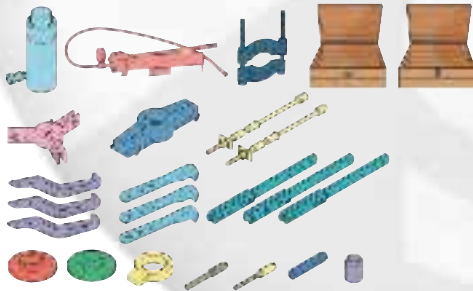
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20040000



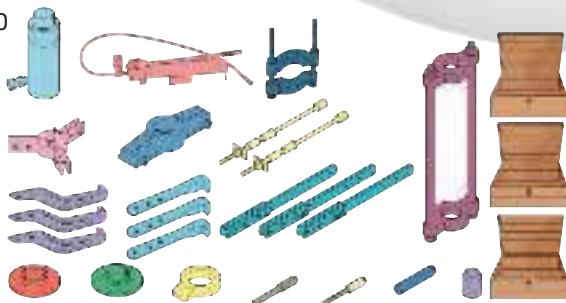
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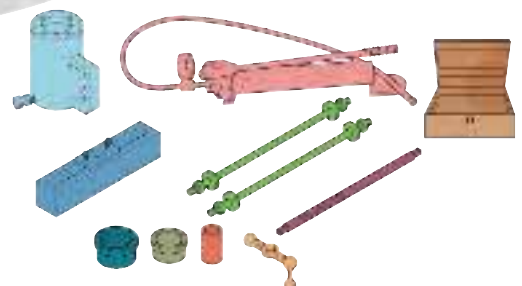
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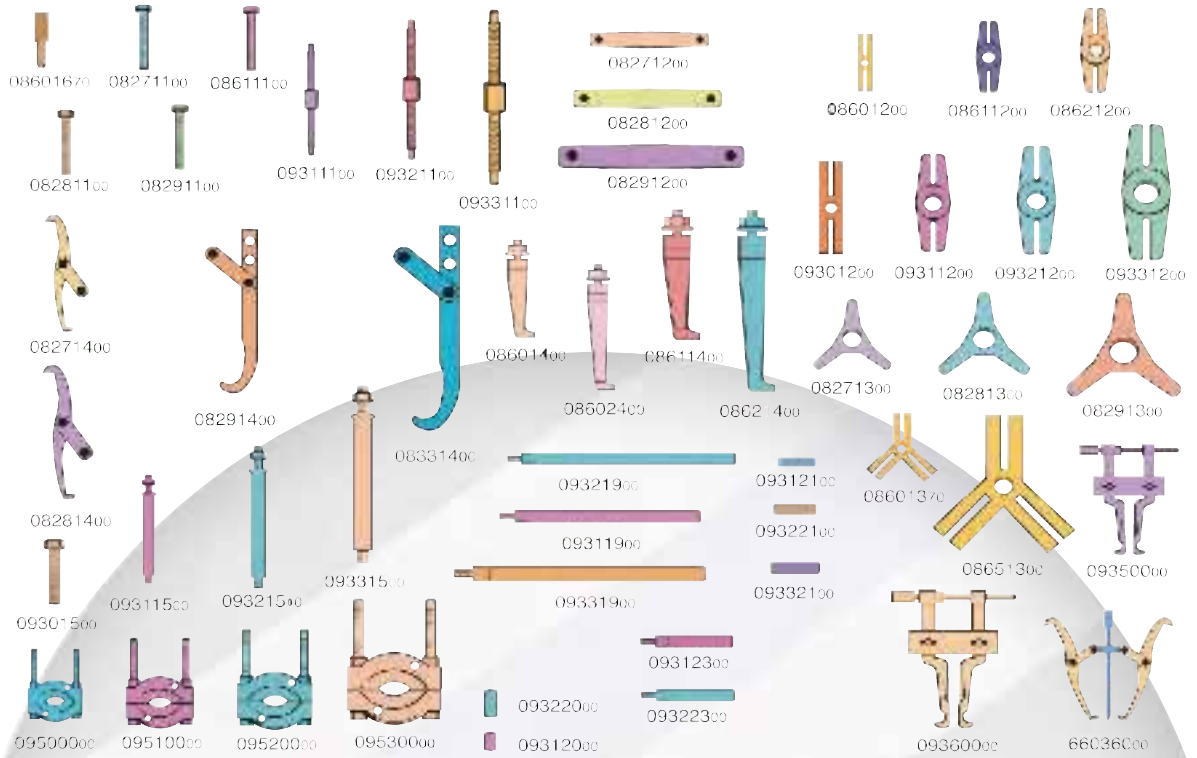


20030000



20060000





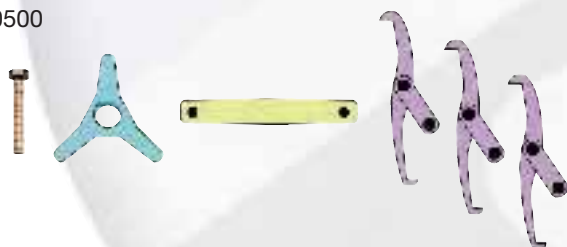
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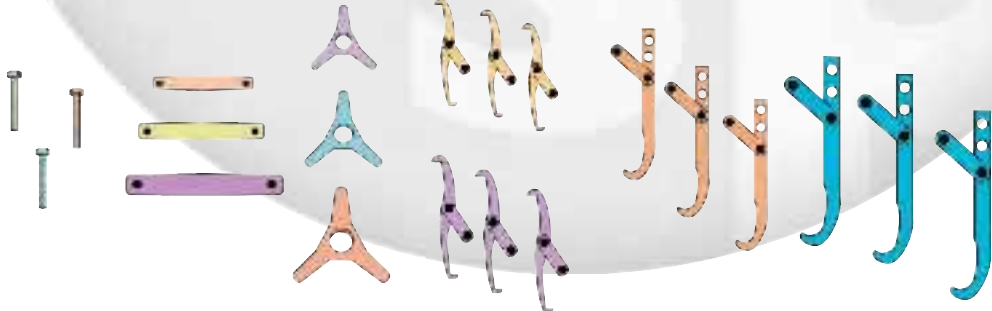
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08490600



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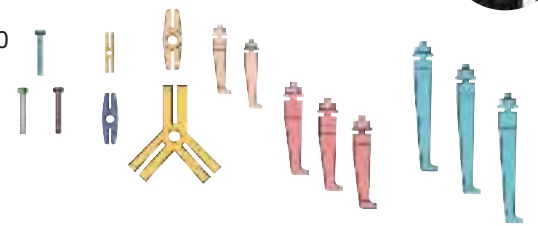




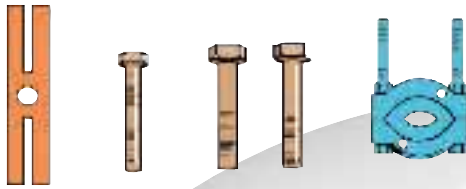
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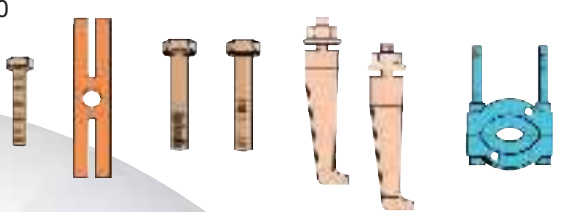
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09300000



09300500



09310000



09320000



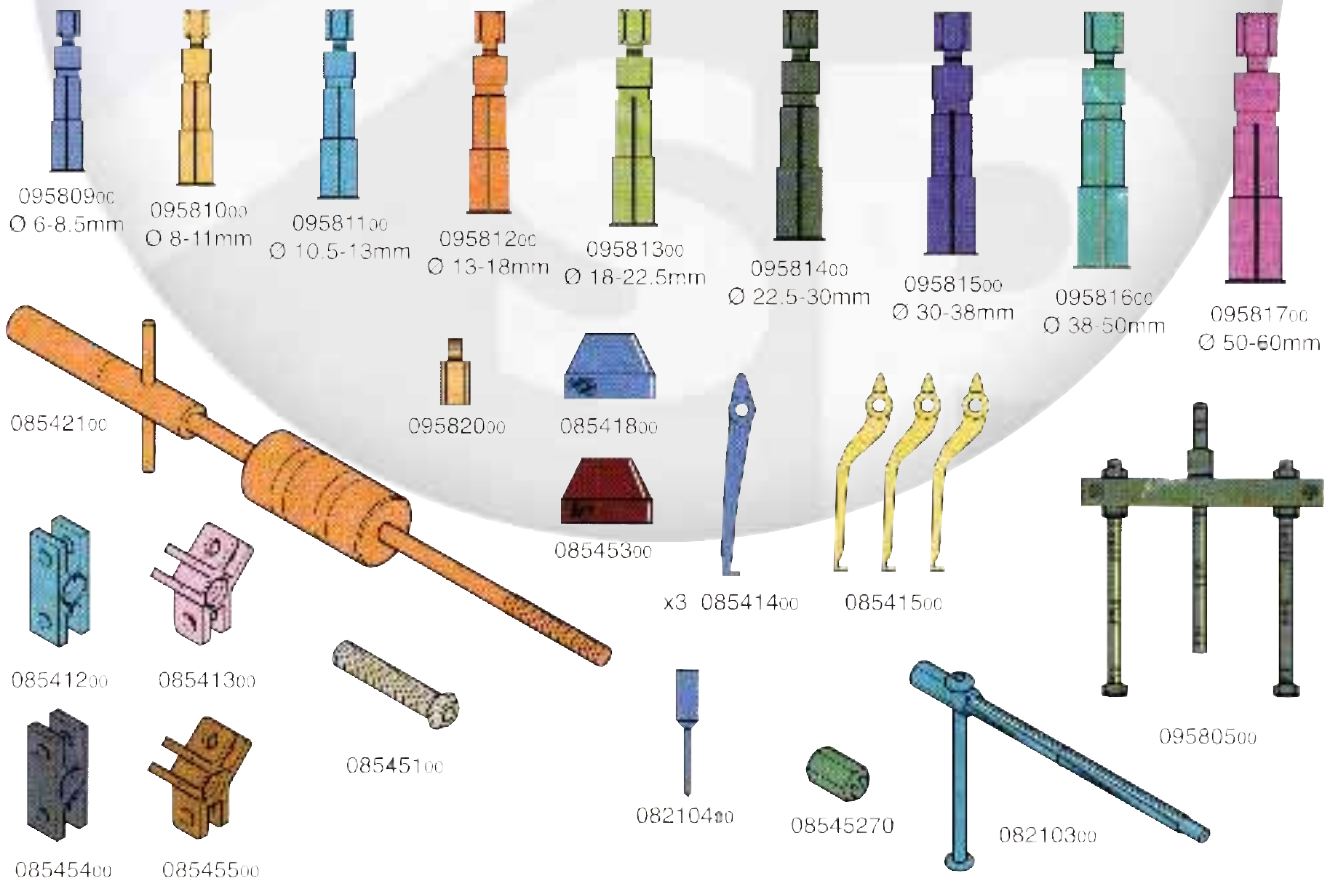
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09400300



Extractor Components





08540000



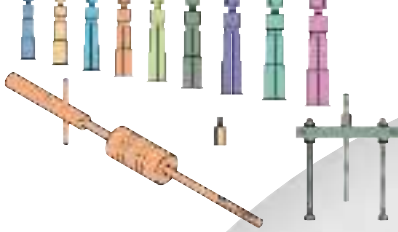
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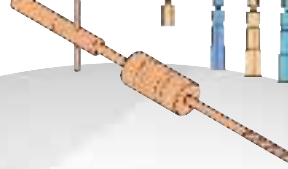
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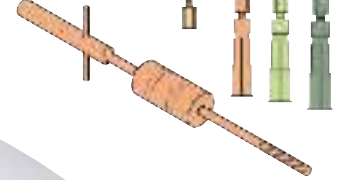
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09580100



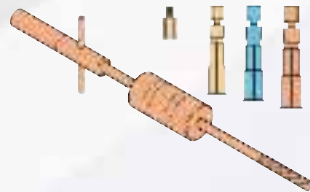
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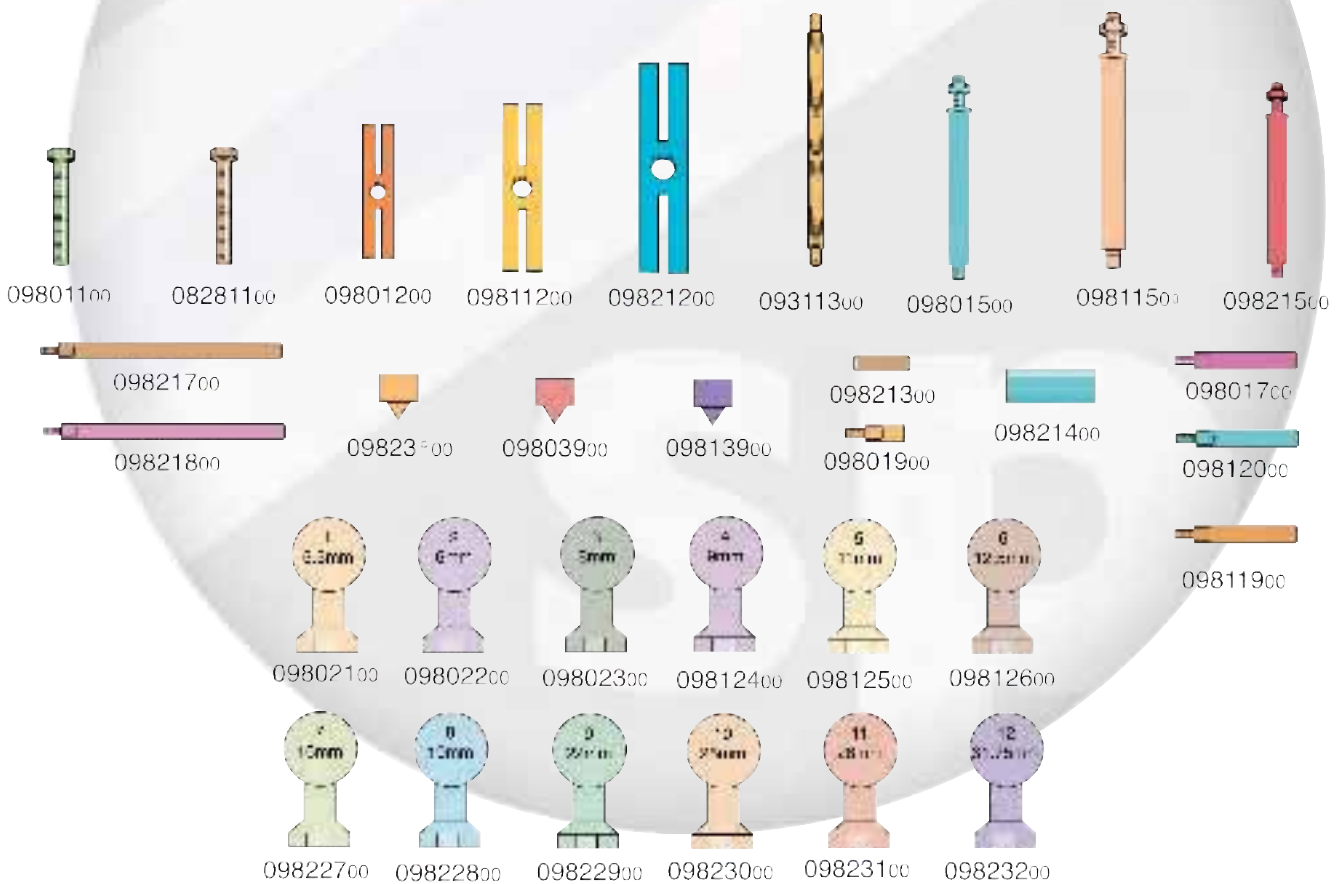
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09580400



0980000



09810000



09820000





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08230000	4 & 21	09300500	14	15340000	6
08250300	16	09310000	10	15340500	6
08250400	16	09320000	10	15360000	6
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08270000	4	09350000	11	15380000	6
08270500	4	09360000	11	15390000	6
08280000	4	09400300	14	15500000	7
08280500	4	09450000	11	15500300	6
08290000	4	09500000	11	15500800	7
08300000	4	09510000	11	15510000	7
08310000	4	09520000	11	15510500	15
08320000	4	09530000	11	15510500	7
08330000	4	09580000	19	15520000	12
08340000	4	09580100	19	15520800	12
08420000	5	09580200	19	15530500	15
08420600	5	09580300	19	15540000	12
08490000	5	09580400	19	15540500	12
08490300	4	09580500	19	15570000	13
08490500	14	09800000	17	15580000	13
08490600	5	09810000	17	15590000	13
08530900	16	09820000	17	18610000	8
08540000	18	10011000	20	18615000	8
08540300	19	10012000	20	18620000	8
08542100	19	10013000	20	18630000	8
08545000	18	10014000	20	18640000	8
08600000	8	10015000	20	18650000	8
08600300	8	10031000	21	18650400	9
08601000	8	10032000	21	18650500	9
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08603000	8	10041000	21	19310300	14
08610000	8	11200000	22	19310500	15
08615000	8	12730300	16	19320000	10
0862000	8	12730400	16	20010000	22
08630000	8	12730500	16	20020000	22
08640000	8	12730600	16	20030000	22
08650000	8	15000000	6	20040000	23
08650400	9	15240000	6	20050000	23
08650500	9	15260000	6	20060000	23
09300000	10	15270000	6	66036000	4
				66039000	4



Loadstar 30 tonnes Range

30 tonnes Heavy Duty Puller Kit

20040000

- 30 tonne hydraulic hollow push / pull ram
- 10,000 psi 2 speed hand pump with pressure gauge
- Rapid adjustment provided by centre screw and handle
- Triple beam with 2 types of heavy duty puller leg
 - Cranked legs for extra wide spread
 - Straight legs, plus extensions, for extra reach
- Accessories allow ram to be used as a portable jack or toe lift
- Legs forged from high quality Alloy Steel
- Aluminium bodied ram & pump



30 tonnes Heavy Duty Puller / Separator and Extractor Kit

20050000

- As per 30 tonnes Heavy Duty Puller Kit (20040000) plus :-
- Twin Beam Assembly, Pulling Rods and Extensions
- Heavy duty bearing separator
- Internal extractor



Loadstar 50 tonnes Range

50 tonnes Heavy Duty Puller Kit

20060000

- 50 tonne hydraulic hollow push / pull ram
- 10,000 psi 2 speed hand pump with pressure gauge
- Rapid adjustment provided by centre screw and handle
- Twin beam assembly and pulling rods (2 off)
- Accessories allow ram to be used as a portable jack
- Aluminium bodied ram & pump
- A versatile kit which can be readily adapted to solve many maintenance problems
 - both pulling and pushing



Loadstar Range Technical Specifications

Puller Range	Puller Max Spread	Puller Max Reach	Separator Capacity	Separator Beam Spread	Separator Rods Reach	Internal Extractor	Portable Press Frame
20 tonnes	530mm	735mm	50 – 175mm	155 – 370mm	415mm		165 x 450mm
30 tonnes	530mm	735mm	50 – 175mm	160 – 350mm	415mm + extensions	75 – 225mm	
50 tonnes				185 – 520mm	900mm		

For information regarding Loadstar spare parts, please contact our Technical Support helpline on +44 1922 702222



Promotional Kits

A range of selected pullers & separators, supplied in flat-pack cartons, ideal for promotional / display purposes, using routed foam packaging and open display cartons.

08270500



08280500



08490300



15340500



15500300



15400300



08600300



19310300



09300300



09400300



08540300



09300500



For details of the Sykes-Pickavant Pullers promotional programme, please contact our Sales Office on +44 1922 70222, or fax +44 1922 702223, or e-mail : sales@sykes-pickavant.com



Hydraulic Puller & Separator Components

Image	Reference	Description	Dimension	15340500	15500000	15500800	15510000	15520000	15520800	15540000	15570000	15580000	15590000	15600000	18650400	19310000	19310300	19320000
	15000000	Hydraulic Ram	1.1/2" Diam External	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	15241200	Twin Head	1.1/2" Diam Internal	1	1	1	1	1	1	1	1	1	1					
	15341300	Triple Head	1.1/2" Diam Internal	1	1	1	1	1	1	1	1	1	1					
	15242200	Extension	50MM Long		1	1	1	1	1	1	1	1	1		1			
	15262400	Extension	102MM Long		1	1	1	1	1	1	1	1	1			1	1	
	15272600	Extension	153MM Long				1			1	1	1	1	1	1			1
	15242400	Leg	165MM Long	3	3	3	3	3	3	3	3	3	3					
	15262600	Leg	215MM Long		3	3	3	3	3	3	3	3	3					
	15272700	Leg	300MM Long				3			3	3	3	3					
	15282800	Leg	265MM Long			3	3		3	3	3	3	3					
	15292900	Leg	300MM Long				3			3	3	3	3					
	08600000	Thin Jaw Puller	120X147MM												1			
	08611400	Thin Jaw Leg	215MM Long												3	2		
	08621400	Leg	90MM Long												3			
	18621200	Twin Beam	290MM Long												1			
	18651300	Triple Beam	1.1/2" Diam Internal												1			
	19311200	Twin	210MM Long					1	1	1	1		1		1	1	1	
	19321200	Beam	290MM Long									1	1	1				1
	09311500	Main Rod	254MM Long					2	2	2	2		2		2	2		
	09311900	Extension Rod	285MM Long					4	4	4	4		4		4	4		
	09312000	Protector	63MM Long										2		2			
	09312300	Extension Rod	127MM Long					2	2	2	2		2		2	2		
	09321500	Main Rod	332MM Long									2	2	2				2
	09321900	Extension Rod	272MM Long									4	4	4				4
	09322000	Protector	38MM Long									2	2	2				
	09322300	Extension Rod	152MM Long									2	2	2				2
	09510000	Separator	150x200MM					1	1	1	1		1		1	1		
	09520000	Separator	210x250MM									1	1	1				1
	09311300	Force Screw	305x 3/4x12BSF									1	1	1	1			
	09311400	Thrust Nut	30.5MM A/F									1	1	1	1			
	09312100	Thrust Race	38MM DIA									1	1	1	1			
	09350000	Internal Extractor	180x225MM									1	1	1	1			