

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.

09300000



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



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



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



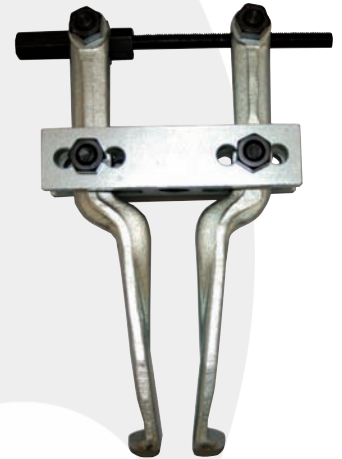
For applications requiring an internal pulling action. The Internal extractor kit can be used on its own, where no other pullers are available.

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
- If using 09350000 with kit ref 09320000, Screw Adaptor 09350100 is required



Internal Pulling Attachment

09360000

- For use with Mechanical Separator Kits 09330000
- 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