

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

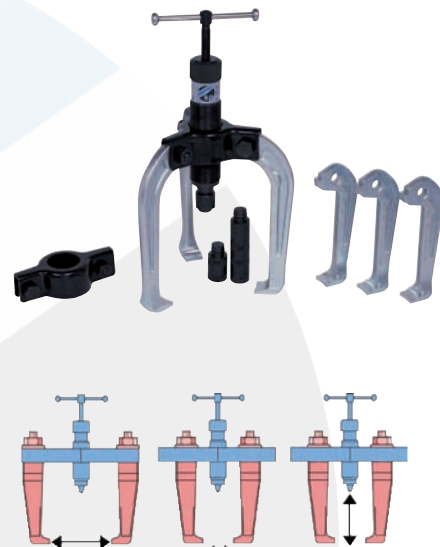


The table opposite provides a list of all the individual pullers available, by size.

The first column gives the min / max spread available and 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.



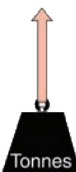
Separators & Extractors

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	2/3 LEG	21
0-66mm	75mm	08545000	MECHANICAL	2/3 LEG	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	2/3 LEG	8
0-75mm	75mm	08540000	MECHANICAL	2/3 LEG	18
0-80mm	90mm	10031000	MECHANICAL	3 LEG	21
20-95mm	125mm	09800000	MECHANICAL	BLIND HOUSE	17
0-100mm	75mm	66036000	MECHANICAL	2/3 LEG	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	2/3 LEG	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	2/3 LEG	20
0-140mm	150mm	10041000	MECHANICAL	2/3 LEG	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	2/3 LEG	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	2/3 LEG	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	2/3 LEG	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	2/3 LEG	20
0-200mm	140mm	08310000	MECHANICAL	2 LEG	4
0-200mm	140mm	08280000	MECHANICAL	3 LEG	4
0-200mm	140mm	08280500	MECHANICAL	2/3 LEG	4
0-200mm	140mm	08490300	MECHANICAL	2/3 LEG	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	2/3 LEG	20
0-300mm	250mm	08320000	MECHANICAL	2 LEG	4
0-300mm	250mm	08290000	MECHANICAL	3 LEG	4
0-300mm	210mm	10014000	MECHANICAL	2/3 LEG	20
0-350mm	380mm	08330000	MECHANICAL	2 LEG	4
0-350mm	380mm	08340000	MECHANICAL	3 LEG	4
0-380mm	250mm	10015000	MECHANICAL	2/3 LEG	20