

| Home Team | Result | Away Team | Date | Time | Status |
|--------------------|---------------|--------------------|---------------|-------------|---------------|
| Sheffield Nomads A | 3 - 3 | Barnsley A | Tue 1 Oct 24 | 19:30 | OU |
| Hillsborough A | 3½ - 2½ | Barnsley A | Mon 21 Oct 24 | 19:30 | OU |
| Sheffield Nomads B | 3½ - 2½ | Barnsley A | Tue 26 Nov 24 | 19:30 | OU |
| Barnsley A | 2½ - 3½ | Ecclesall A | Wed 11 Dec 24 | 19:30 | OU |
| SASCA A | 0 - 0 | Barnsley A | Tue 7 Jan 25 | 19:30 | OU |
| Barnsley A | 0 - 0 | Chesterfield A | Wed 29 Jan 25 | 19:30 | OU |
| Barnsley A | 0 - 0 | Sheffield Nomads A | Wed 5 Feb 25 | 19:30 | OU |
| Barnsley A | 0 - 0 | Hillsborough A | Wed 19 Feb 25 | 19:30 | OU |
| Woodseats A | 0 - 0 | Barnsley A | Mon 3 Mar 25 | 19:30 | OU |
| Barnsley A | 0 - 0 | Woodseats A | Wed 12 Mar 25 | 19:30 | OU |
| Barnsley A | 0 - 0 | Sheffield Nomads B | Wed 19 Mar 25 | 19:30 | OU |
| Ecclesall A | 0 - 0 | Barnsley A | Wed 2 Apr 25 | 19:30 | OU |
| Barnsley A | 0 - 0 | SASCA A | Wed 9 Apr 25 | 19:30 | OU |
| Chesterfield A | 0 - 0 | Barnsley A | Thu 24 Apr 25 | 19:30 | OU |