

Two piece fittings - Universal series for wire braided and 4 spiral hydraulic hoses

# FB13B

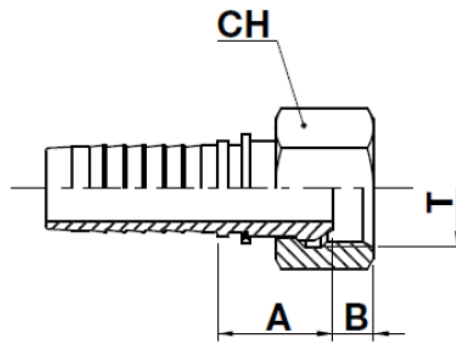
FB11B FB12B



**BSP female swivel 60° cone**

NO SKIVE / EXTERNAL SKIVE

ISO 8434-6 / BS 5200



| code        | ø hose |       |      | T       | A    |      | B   |      | CH   |       |         |
|-------------|--------|-------|------|---------|------|------|-----|------|------|-------|---------|
|             | dn     | inch  | size |         | mm   | in   | mm  | in   | mm   | in    | in      |
| FB11B-03-02 | 5      | 3/16" | 03   | 1/8"-28 | 14,3 | 0,56 | 5,5 | 0,28 | 14,0 | 0,551 | 9/16"   |
| FB13B-03-04 | 5      | 3/16" | 03   | 1/4"-19 | 16,8 | 0,66 | 4,2 | 0,17 | 19,0 | 0,748 | 3/4"    |
| FB11B-04-02 | 6      | 1/4"  | 04   | 1/8"-28 | 15,0 | 0,59 | 5,5 | 0,22 | 14,0 | 0,551 | 9/16"   |
| FB11B-04-04 | 6      | 1/4"  | 04   | 1/4"-19 | 18,0 | 0,71 | 4,2 | 0,17 | 19,0 | 0,748 | 3/4"    |
| FB13B-04-04 | 6      | 1/4"  | 04   | 1/4"-19 | 17,5 | 0,69 | 4,2 | 0,17 | 19,0 | 0,748 | 3/4"    |
| FB11B-04-06 | 6      | 1/4"  | 04   | 3/8"-19 | 20,5 | 0,81 | 6,0 | 0,24 | 22,0 | 0,866 | 7/8"    |
| FB13B-04-06 | 6      | 1/4"  | 04   | 3/8"-19 | 18,5 | 0,73 | 6,0 | 0,24 | 22,0 | 0,866 | 7/8"    |
| FB11B-05-04 | 8      | 5/16" | 05   | 1/4"-19 | 17,8 | 0,70 | 4,2 | 0,17 | 19,0 | 0,748 | 3/4"    |
| FB13B-05-06 | 8      | 5/16" | 05   | 3/8"-19 | 18,5 | 0,73 | 6,0 | 0,24 | 22,0 | 0,866 | 7/8"    |
| FB11B-05-08 | 8      | 5/16" | 05   | 1/2"-14 | 21,5 | 0,85 | 7,0 | 0,28 | 27,0 | 1,063 | 1.1/16" |
| FB11B-06-04 | 10     | 3/8"  | 06   | 1/4"-19 | 17,5 | 0,69 | 4,2 | 0,17 | 19,0 | 0,748 | 3/4"    |
| FB11B-06-06 | 10     | 3/8"  | 06   | 3/8"-19 | 18,5 | 0,73 | 6,0 | 0,24 | 22,0 | 0,866 | 7/8"    |
| FB13B-06-06 | 10     | 3/8"  | 06   | 3/8"-19 | 18,5 | 0,73 | 6,0 | 0,24 | 22,0 | 0,866 | 7/8"    |
| FB13B-06-08 | 10     | 3/8"  | 06   | 1/2"-14 | 20,5 | 0,81 | 6,5 | 0,26 | 27,0 | 1,063 | 1.1/16" |
| FB11B-08-06 | 12     | 1/2"  | 08   | 3/8"-19 | 19,0 | 0,75 | 6,0 | 0,24 | 22,0 | 0,866 | 7/8"    |
| FB11B-08-08 | 12     | 1/2"  | 08   | 1/2"-14 | 20,0 | 0,79 | 7,0 | 0,28 | 27,0 | 1,063 | 1.1/16" |
| FB13B-08-08 | 12     | 1/2"  | 08   | 1/2"-14 | 21,0 | 0,83 | 6,5 | 0,26 | 27,0 | 1,063 | 1.1/16" |
| FB11B-08-10 | 12     | 1/2"  | 08   | 5/8"-14 | 18,0 | 0,71 | 9,5 | 0,37 | 27,0 | 1,063 | 1.1/16" |
| FB11B-08-12 | 12     | 1/2"  | 08   | 3/4"-14 | 23,0 | 0,91 | 8,7 | 0,34 | 32,0 | 1,260 | 1.1/4"  |
| FB11B-10-10 | 16     | 5/8"  | 10   | 5/8"-14 | 18,0 | 0,71 | 9,5 | 0,37 | 27,0 | 1,063 | 1.1/16" |
| FB11B-10-12 | 16     | 5/8"  | 10   | 3/4"-14 | 21,3 | 0,84 | 8,7 | 0,34 | 32,0 | 1,260 | 1.1/4"  |
| FB11B-12-12 | 19     | 3/4"  | 12   | 3/4"-14 | 21,8 | 0,86 | 8,7 | 0,34 | 32,0 | 1,260 | 1.1/4"  |

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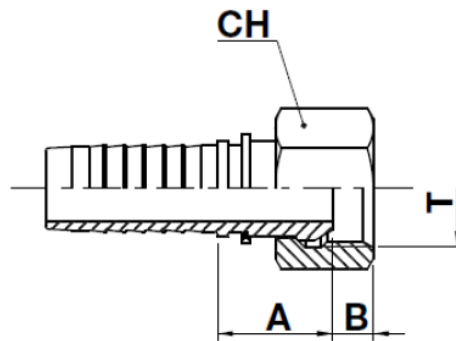
## FB13B FB11B FB12B



**BSP female swivel 60° cone**

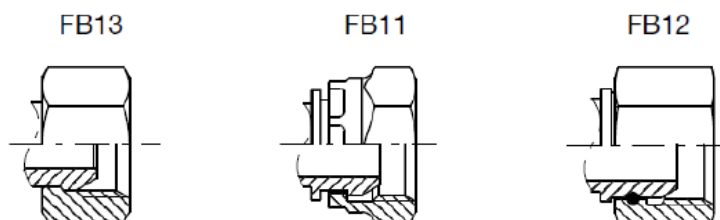
NO SKIVE / EXTERNAL SKIVE

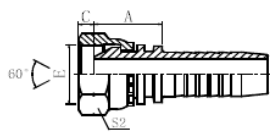
ISO 8434-6 / BS 5200



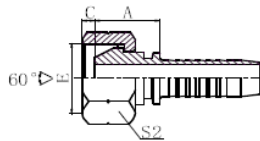
| code        | ø hose |        |      | T         | A    |      | B    |      | CH   |       |         |
|-------------|--------|--------|------|-----------|------|------|------|------|------|-------|---------|
|             | dn     | inch   | size |           | mm   | in   | mm   | in   | mm   | in    | in      |
| FB12B-12-16 | 19     | 3/4"   | 12   | 1"-11     | 27,0 | 1,06 | 10,5 | 0,41 | 38,0 | 1,496 | 1.1/2"  |
| FB12B-16-16 | 25     | 1"     | 16   | 1"-11     | 28,5 | 1,12 | 10,5 | 0,41 | 38,0 | 1,496 | 1.1/2"  |
| FB12B-16-20 | 25     | 1"     | 16   | 1.1/4"-11 | 37,0 | 1,46 | 10,0 | 0,39 | 50,0 | 1,969 | 2"      |
| FB12B-20-20 | 31     | 1.1/4" | 20   | 1.1/4"-11 | 36,0 | 1,42 | 10,0 | 0,39 | 50,0 | 1,969 | 2"      |
| FB12B-20-24 | 31     | 1.1/4" | 20   | 1.1/2"-11 | 37,5 | 1,48 | 12,0 | 0,47 | 55,0 | 2,165 | 2.3/16" |
| FB12B-24-24 | 38     | 1.1/2" | 24   | 1.1/2"-11 | 35,8 | 1,41 | 12,0 | 0,47 | 55,0 | 2,165 | 2.3/16" |
| FB12B-32-24 | 51     | 2"     | 32   | 1.1/2"-11 | 39,0 | 1,53 | 12,0 | 0,47 | 55,0 | 2,165 | 2.3/16" |
| FB12B-32-32 | 51     | 2"     | 32   | 2"-11     | 40,0 | 1,57 | 16,0 | 0,63 | 70,0 | 2,756 | 2.3/4"  |

### Nut type

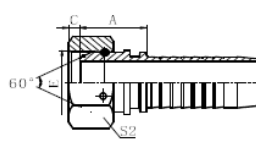




22611  
22612



22611-T  
22612-T



22611-W  
22612-W

BSP FEMALE 60° CONE

REF. ISO 12151-6

| PART NO.        |                | THREAD E   | HOSE SIZE |      |  | DIMENSIONS |      |    |  |
|-----------------|----------------|------------|-----------|------|--|------------|------|----|--|
| BRAIDED         | SPIRAL         |            | DN        | DASH |  | A          | C    | S2 |  |
| 22611-02-03Z    | -              | G1/8"X28   | 5         | 03   |  | 15         | 5.5  | 14 |  |
| 22611-02-04Z    | -              | G1/8"X28   | 6         | 04   |  | 15.5       | 5.5  | 14 |  |
| 22611-04-03Z    | -              | G1/4"X19   | 5         | 03   |  | 17.5       | 5.5  | 19 |  |
| 22611-04-04Z *  | -              | G1/4"X19   | 6         | 04   |  | 18         | 5.5  | 19 |  |
| 22611-04-05Z    | -              | G1/4"X19   | 8         | 05   |  | 18         | 5.5  | 19 |  |
| 22611-04-06Z    | 22612-04-06Z   | G1/4"X19   | 10        | 06   |  | 18         | 5.5  | 19 |  |
| 22611-06-04Z    | -              | G3/8"X19   | 6         | 04   |  | 19         | 6.3  | 22 |  |
| 22611-06-05Z    | -              | G3/8"X19   | 8         | 05   |  | 19         | 6.3  | 22 |  |
| 22611-06-06Z *  | 22612-06-06Z   | G3/8"X19   | 10        | 06   |  | 19.5       | 6.3  | 22 |  |
| 22611-06-08Z    | 22612-06-08Z   | G3/8"X19   | 12        | 08   |  | 19.5       | 6.3  | 22 |  |
| 22611-08-06TZ   | 22612-08-06TZ  | G1/2"X14   | 10        | 06   |  | 18.5       | 7.5  | 27 |  |
| 22611-08-08Z *  | 22612-08-08Z * | G1/2"X14   | 12        | 08   |  | 21.5       | 7.5  | 27 |  |
| 22611-10-08Z    | 22612-10-08Z   | G5/8"X14   | 12        | 08   |  | 22         | 9.5  | 30 |  |
| 22611-10-10Z    | 22612-10-10Z   | G5/8"X14   | 16        | 10   |  | 23         | 9.5  | 30 |  |
| 22611-12-08TZ   | 22612-12-08TZ  | G3/4"X14   | 12        | 08   |  | 20         | 10.9 | 32 |  |
| 22611-12-10Z    | 22612-12-10Z   | G3/4"X14   | 16        | 10   |  | 24         | 10.9 | 32 |  |
| 22611-12-12Z *  | 22612-12-12Z * | G3/4"X14   | 20        | 12   |  | 24         | 10.9 | 32 |  |
| 22611-16-12TZ   | 22612-16-12TZ  | G1"X11     | 20        | 12   |  | 23         | 11.7 | 41 |  |
| 22611-16-16Z *  | 22612-16-16Z * | G1"X11     | 25        | 16   |  | 27         | 11.7 | 41 |  |
| 22611-20-16TZ   | 22612-20-16TZ  | G1.1/4"X11 | 25        | 16   |  | 27         | 10.1 | 50 |  |
| 22611-20-20WZ * | 22612N-20-20WZ | G1.1/4"X11 | 32        | 20   |  | 30.5/33.1  | 10.1 | 50 |  |
| 22611-24-20TZ   | 22612N-24-20TZ | G1.1/2"X11 | 32        | 20   |  | 29.5/32.1  | 13   | 55 |  |
| 22611-24-24WZ * | 22612N-24-24WZ | G1.1/2"X11 | 40        | 24   |  | 32/25      | 12.5 | 55 |  |
| 22611-32-24TZ   | 22612N-32-24TZ | G2"X11     | 40        | 24   |  | 30/33      | 16.1 | 70 |  |
| 22611-32-32WZ * | 22612N-32-32WZ | G2"X11     | 50        | 32   |  | 31/35.4    | 16.1 | 70 |  |